

LAMPIRAN

@Hak cipta milik IPB University

IPB University



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1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
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Lampiran 1 Langkah-langkah *backpropagation*

- Langkah 0 :Inisialisasi nilai bobot, gunakan bobot awal dengan nilai acak yang kecil.
- Langkah 1 :Selama kondisi masih tidak terpenuhi, kerjakan langkah 2 sampai 9.
- Langkah 2 :Untuk pasangan pelatihan, kerjakan langkah 3 sampai 8.
- Langkah 3 :Tiap-tiap unit input ($X_i, i=1,2,3,\dots,n$) menerima sinyal x_i dan melanjutkan sinyal itu ke seluruh unit pada lapisan *hidden layer*.
- Langkah 4 :Setiap Unit tersembunyi ($Z_i, i=1,2,3,\dots,p$) dihitung bobot nilai input dengan menggunakan Persamaan 1.
- $$\Sigma \tag{1}$$
- Kemudian menerapkan fungsi aktivasi untuk menghitung *output* dengan fungsi aktivasi yang dipilih menggunakan Persamaan 2.
- $$\tag{2}$$
- Dan kirim sinyal tersebut ke seluruh unit pada lapis atasnya.
- Langkah 5 :Untuk *output* unit ($Y_k, k=1,\dots,m$) dihitung nilai input dengan menggunakan nilai bobot menggunakan Persamaan 3.
- $$\Sigma \tag{3}$$
- Kemudian dihitung nilai *output* dengan menerapkan fungsi aktivasi menggunakan Persamaan 4.
- $$y_k = (y_in_k) \tag{4}$$
- Langkah 6 :Untuk setiap unit *output* ($y_k, k=1,\dots,m$) menerima pola target yang sesuai dengan pola input pelatihan, dan kemudian hitung *error* dengan menggunakan Persamaan 5.
- $$\tag{5}$$
- Kemudian hitung koreksi nilai bobot yang akan digunakan untuk memperbaharui nilai bobot w_{jk} dengan menggunakan Persamaan 6.
- $$\tag{6}$$
- Hitung koreksi nilai bias yang akan digunakan untuk memperbaharui nilai bobot w_{0k} dengan menggunakan Persamaan 7.
- $$\tag{7}$$
- Kemudian nilai dikirimkan ke unit-unit yang ada di lapisan sebelumnya.
- Langkah 7 :Untuk tiap unit tersembunyi ($Z_j, j=1,\dots,p$) menjumlahkan delta input (berasal dari unit-unit pada lapis di atasnya) dengan menggunakan Persamaan 8.
- $$\Sigma \tag{8}$$
- Kemudian untuk menghitung informasi *error*, kalikan nilai dengan nilai turunan dari fungsi aktivasinya dengan menggunakan Persamaan 9.
- $$\tag{9}$$
- Kemudian hitung koreksi nilai bobot dengan menggunakan Persamaan 10.
- $$\tag{10}$$
- Hitung nilai koreksi bias yang digunakan untuk memperbaharui dengan menggunakan Persamaan 11.
- $$\tag{11}$$

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Langkah 8 :Tiap nilai bias dan bobot ($j=0,\dots,p$) pada unit *output* ($Y_k, k=1,\dots,m$) diperbaharui dengan menggunakan Persamaan 12 dan 13.

(12)

(13)

Langkah 9 :Menguji apakah kondisi berhenti sudah terpenuhi. Kondisi berhenti terpenuhi, jika nilai kesalahan menghasilkan lebih kecil dari nilai kesalahan referensi, atau pelatihan yang telah mencapai *epoch* yang sudah ditetapkan sebelumnya.

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Lampiran 2 Hasil Ekstraksi Jenis Kayu dengan LBP GLCM

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|-----------|-------------|---------|---------|--------|
| 1 | 0.00141 | 5827.2873 | 0.67856 | 0.08175 | 7.22898 | 1 |
| 2 | 0.00088 | 6608.2993 | 0.62553 | 0.06821 | 7.32324 | 1 |
| 3 | 0.00114 | 5750.5253 | 0.67472 | 0.07729 | 7.27037 | 1 |
| 4 | 0.00135 | 6050.5265 | 0.65994 | 0.0783 | 7.23823 | 1 |
| 5 | 0.0011 | 6788.5103 | 0.62148 | 0.07062 | 7.27433 | 1 |
| 6 | 0.00141 | 5908.0899 | 0.66442 | 0.08005 | 7.23248 | 1 |
| 7 | 0.00146 | 5881.3479 | 0.67369 | 0.081 | 7.21054 | 1 |
| 8 | 0.00133 | 5832.4931 | 0.67712 | 0.07949 | 7.22195 | 1 |
| 9 | 0.00105 | 6084.1575 | 0.66135 | 0.07548 | 7.2917 | 1 |
| 10 | 0.00124 | 6012.2054 | 0.66195 | 0.07669 | 7.25068 | 1 |
| 11 | 0.00143 | 5787.3231 | 0.67975 | 0.08132 | 7.20339 | 1 |
| 12 | 0.0013 | 5858.7326 | 0.67276 | 0.07869 | 7.23454 | 1 |
| 13 | 0.00114 | 6311.2304 | 0.65135 | 0.07607 | 7.26453 | 1 |
| 14 | 0.00118 | 5455.945 | 0.67544 | 0.07787 | 7.30107 | 1 |
| 15 | 0.00117 | 6187.6646 | 0.65029 | 0.07515 | 7.26708 | 1 |
| 16 | 0.00122 | 5718.0686 | 0.67971 | 0.07872 | 7.24247 | 1 |
| 17 | 0.00129 | 5434.1953 | 0.68026 | 0.07992 | 7.27629 | 1 |
| 18 | 0.00119 | 6189.2632 | 0.65419 | 0.07547 | 7.25787 | 1 |
| 19 | 0.00113 | 5682.3675 | 0.68279 | 0.07851 | 7.28091 | 1 |
| 20 | 0.00112 | 5212.5469 | 0.70776 | 0.08063 | 7.26278 | 1 |
| 21 | 0.00139 | 5010.8767 | 0.7284 | 0.08567 | 7.18108 | 1 |
| 22 | 0.00108 | 5547.9246 | 0.68808 | 0.07688 | 7.26823 | 1 |
| 23 | 0.00145 | 4652.4412 | 0.74073 | 0.08894 | 7.18813 | 1 |
| 24 | 0.00087 | 6686.4451 | 0.61634 | 0.06686 | 7.33123 | 1 |
| 25 | 0.00099 | 5932.9953 | 0.6598 | 0.07313 | 7.30722 | 1 |
| 26 | 0.00131 | 5137.4662 | 0.69974 | 0.08238 | 7.26939 | 1 |
| 27 | 0.00088 | 6421.0247 | 0.63491 | 0.06914 | 7.32695 | 1 |
| 28 | 0.00101 | 6108.7959 | 0.65968 | 0.0742 | 7.29528 | 1 |
| 29 | 0.00136 | 5490.6124 | 0.70025 | 0.08318 | 7.20649 | 1 |
| 30 | 0.00098 | 6182.5167 | 0.64688 | 0.07245 | 7.30961 | 1 |
| 31 | 0.00143 | 4834.8852 | 0.71555 | 0.08561 | 7.24346 | 1 |
| 32 | 0.00106 | 5167.073 | 0.70614 | 0.07992 | 7.30409 | 1 |
| 33 | 0.00101 | 6168.6056 | 0.64528 | 0.07224 | 7.32114 | 1 |
| 34 | 0.00114 | 5566.9709 | 0.67407 | 0.07757 | 7.29992 | 1 |
| 35 | 0.00122 | 5644.0625 | 0.67903 | 0.07873 | 7.26036 | 1 |
| 36 | 0.00087 | 5434.2309 | 0.67591 | 0.0715 | 7.35268 | 1 |
| 37 | 0.00117 | 5558.0005 | 0.68508 | 0.07784 | 7.26863 | 1 |
| 38 | 0.00086 | 6728.6136 | 0.62647 | 0.06831 | 7.31105 | 1 |
| 39 | 0.00114 | 5615.5102 | 0.67591 | 0.07676 | 7.29107 | 1 |
| 40 | 0.00118 | 6328.165 | 0.64153 | 0.07344 | 7.27423 | 1 |

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Lanjutan Lampiran 2

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|----|---------|-----------|-------------|---------|---------|--------|
| 41 | 0.00128 | 6127.7431 | 0.64735 | 0.07611 | 7.27914 | 1 |
| 42 | 0.00095 | 5879.1349 | 0.66388 | 0.07461 | 7.31974 | 1 |
| 43 | 0.00094 | 6436.096 | 0.629 | 0.06814 | 7.31389 | 1 |
| 44 | 0.00145 | 5360.3523 | 0.70396 | 0.08368 | 7.19454 | 1 |
| 45 | 0.00142 | 4808.5875 | 0.73681 | 0.08639 | 7.17909 | 1 |
| 46 | 0.00121 | 5269.0032 | 0.70455 | 0.08091 | 7.24502 | 1 |
| 47 | 0.00145 | 5158.1293 | 0.71473 | 0.08458 | 7.18628 | 1 |
| 48 | 0.00115 | 5382.9106 | 0.69755 | 0.08066 | 7.27376 | 1 |
| 49 | 0.00094 | 6060.128 | 0.65292 | 0.07133 | 7.30947 | 1 |
| 50 | 0.00091 | 4993.6401 | 0.70491 | 0.07602 | 7.34252 | 1 |
| 51 | 0.00113 | 5720.6685 | 0.67888 | 0.07764 | 7.26776 | 1 |
| 52 | 0.00111 | 5839.0834 | 0.65987 | 0.07519 | 7.30113 | 1 |
| 53 | 0.00112 | 6150.0659 | 0.6508 | 0.0746 | 7.28066 | 1 |
| 54 | 0.00091 | 6440.2651 | 0.63641 | 0.07017 | 7.31331 | 1 |
| 55 | 0.00088 | 5855.0386 | 0.65837 | 0.0712 | 7.33863 | 1 |
| 56 | 0.00107 | 5314.4529 | 0.69882 | 0.07707 | 7.27654 | 1 |
| 57 | 0.00098 | 6328.0984 | 0.65206 | 0.0725 | 7.27322 | 1 |
| 58 | 0.00088 | 5653.2953 | 0.66882 | 0.07197 | 7.33989 | 1 |
| 59 | 0.00086 | 6915.2813 | 0.61733 | 0.0675 | 7.3082 | 1 |
| 60 | 0.00094 | 5315.2949 | 0.69334 | 0.07542 | 7.31734 | 1 |
| 61 | 0.00129 | 5534.4151 | 0.68048 | 0.07998 | 7.27641 | 1 |
| 62 | 0.00143 | 5177.1019 | 0.70566 | 0.08571 | 7.26694 | 1 |
| 63 | 0.00093 | 5646.1704 | 0.6689 | 0.07354 | 7.33536 | 1 |
| 64 | 0.0013 | 5870.7081 | 0.66756 | 0.07879 | 7.26222 | 1 |
| 65 | 0.00094 | 6935.4457 | 0.61936 | 0.06928 | 7.29068 | 1 |
| 66 | 0.00096 | 6538.0905 | 0.6364 | 0.0714 | 7.30039 | 1 |
| 67 | 0.00112 | 5789.4116 | 0.68337 | 0.07758 | 7.23833 | 1 |
| 68 | 0.00123 | 5861.2762 | 0.66671 | 0.0772 | 7.26813 | 1 |
| 69 | 0.00111 | 6844.8873 | 0.61423 | 0.07041 | 7.29197 | 1 |
| 70 | 0.0011 | 6219.1118 | 0.65049 | 0.07443 | 7.28395 | 1 |
| 71 | 0.00124 | 5675.5756 | 0.68204 | 0.08007 | 7.24103 | 1 |
| 72 | 0.00106 | 5418.3055 | 0.68909 | 0.07734 | 7.29107 | 1 |
| 73 | 0.00108 | 5290.7914 | 0.70039 | 0.07858 | 7.27867 | 1 |
| 74 | 0.00137 | 5479.972 | 0.70145 | 0.08271 | 7.20763 | 1 |
| 75 | 0.00116 | 5502.8461 | 0.69181 | 0.07983 | 7.26339 | 1 |
| 76 | 0.00104 | 5647.4343 | 0.67921 | 0.0756 | 7.29046 | 1 |
| 77 | 0.00113 | 5966.8393 | 0.65397 | 0.07486 | 7.31142 | 1 |
| 78 | 0.00102 | 5370.1411 | 0.68852 | 0.07654 | 7.30738 | 1 |
| 79 | 0.00122 | 5842.2575 | 0.67844 | 0.07992 | 7.25178 | 1 |
| 80 | 0.00115 | 5636.5662 | 0.68245 | 0.07832 | 7.26268 | 1 |

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| 81 | 0.00094 | 5983.3869 | 0.65998 | 0.07342 | 7.32215 | 1 |
| 82 | 0.00097 | 6154.0829 | 0.65321 | 0.07349 | 7.3094 | 1 |
| 83 | 0.00142 | 6069.1707 | 0.67679 | 0.08163 | 7.17836 | 1 |
| 84 | 0.00124 | 5513.1245 | 0.69174 | 0.08048 | 7.25497 | 1 |
| 85 | 0.00109 | 6380.207 | 0.65319 | 0.07439 | 7.24639 | 1 |
| 86 | 0.00132 | 5381.4695 | 0.7073 | 0.08328 | 7.20356 | 1 |
| 87 | 0.00093 | 6462.9455 | 0.64484 | 0.07081 | 7.28116 | 1 |
| 88 | 0.00087 | 6654.9041 | 0.6258 | 0.06802 | 7.31405 | 1 |
| 89 | 0.0009 | 5860.2757 | 0.66693 | 0.07248 | 7.3152 | 1 |
| 90 | 0.0012 | 5643.1945 | 0.68435 | 0.07984 | 7.24695 | 1 |
| 91 | 0.00086 | 6505.0257 | 0.63264 | 0.06955 | 7.33462 | 1 |
| 92 | 0.00099 | 6844.8193 | 0.61699 | 0.06991 | 7.31197 | 1 |
| 93 | 0.00119 | 5713.3735 | 0.68543 | 0.07923 | 7.23913 | 1 |
| 94 | 0.00115 | 6295.6079 | 0.64808 | 0.07549 | 7.28408 | 1 |
| 95 | 0.00123 | 6420.8067 | 0.64302 | 0.0766 | 7.2711 | 1 |
| 96 | 0.0012 | 6372.8065 | 0.64959 | 0.07651 | 7.24817 | 1 |
| 97 | 0.00112 | 6433.2106 | 0.64486 | 0.07427 | 7.26997 | 1 |
| 98 | 0.00101 | 6696.2481 | 0.62259 | 0.0709 | 7.31677 | 1 |
| 99 | 0.00121 | 5660.3016 | 0.68683 | 0.07935 | 7.24712 | 1 |
| 100 | 0.00142 | 5787.9254 | 0.685 | 0.08259 | 7.21006 | 1 |
| 101 | 0.00105 | 5861.1465 | 0.65678 | 0.07413 | 7.32571 | 2 |
| 102 | 0.00085 | 6769.5158 | 0.61181 | 0.06637 | 7.35187 | 2 |
| 103 | 0.0008 | 5812.7195 | 0.66193 | 0.07072 | 7.36204 | 2 |
| 104 | 0.00109 | 5459.2532 | 0.683 | 0.076 | 7.27873 | 2 |
| 105 | 0.00112 | 5091.7729 | 0.70292 | 0.07868 | 7.27848 | 2 |
| 106 | 0.00105 | 5474.0353 | 0.69165 | 0.07647 | 7.26564 | 2 |
| 107 | 0.0011 | 5177.2307 | 0.69923 | 0.0776 | 7.27107 | 2 |
| 108 | 0.00106 | 5006.7166 | 0.6893 | 0.07602 | 7.31047 | 2 |
| 109 | 0.00114 | 5280.8963 | 0.68705 | 0.07691 | 7.27141 | 2 |
| 110 | 0.00098 | 5337.619 | 0.68824 | 0.07542 | 7.30844 | 2 |
| 111 | 0.00081 | 6341.3399 | 0.64325 | 0.06713 | 7.31402 | 2 |
| 112 | 0.00104 | 5156.823 | 0.69453 | 0.07622 | 7.30584 | 2 |
| 113 | 0.00098 | 6050.8438 | 0.65128 | 0.07224 | 7.31336 | 2 |
| 114 | 0.00107 | 6486.6663 | 0.62176 | 0.07017 | 7.31735 | 2 |
| 115 | 0.00099 | 5652.385 | 0.67737 | 0.07362 | 7.29541 | 2 |
| 116 | 0.00088 | 6089.4678 | 0.64347 | 0.06922 | 7.34079 | 2 |
| 117 | 0.00103 | 5172.2265 | 0.70257 | 0.07669 | 7.29099 | 2 |
| 118 | 0.00103 | 5834.5927 | 0.67176 | 0.07418 | 7.2816 | 2 |
| 119 | 0.00086 | 6040.5504 | 0.64872 | 0.06935 | 7.34202 | 2 |
| 120 | 0.00083 | 6089.9277 | 0.64551 | 0.06895 | 7.34917 | 2 |

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| 121 | 0.00082 | 6082.986 | 0.64971 | 0.06868 | 7.33801 | 2 |
| 122 | 0.00093 | 6526.1005 | 0.62471 | 0.0692 | 7.34991 | 2 |
| 123 | 0.00081 | 5795.5262 | 0.66099 | 0.06995 | 7.35465 | 2 |
| 124 | 0.00092 | 6389.1226 | 0.63999 | 0.06971 | 7.31012 | 2 |
| 125 | 0.00082 | 5387.6023 | 0.67693 | 0.07181 | 7.36812 | 2 |
| 126 | 0.00106 | 4884.8239 | 0.72041 | 0.07959 | 7.29144 | 2 |
| 127 | 0.00097 | 5353.8715 | 0.69022 | 0.07515 | 7.31326 | 2 |
| 128 | 0.00092 | 5622.1812 | 0.67677 | 0.07229 | 7.31462 | 2 |
| 129 | 0.00094 | 5772.0536 | 0.66494 | 0.07238 | 7.32257 | 2 |
| 130 | 0.00097 | 5659.7279 | 0.67413 | 0.07289 | 7.29774 | 2 |
| 131 | 0.00103 | 5479.3667 | 0.68569 | 0.07486 | 7.28215 | 2 |
| 132 | 0.00114 | 5856.4517 | 0.65898 | 0.07576 | 7.30592 | 2 |
| 133 | 0.001 | 6584.7423 | 0.62704 | 0.07127 | 7.32517 | 2 |
| 134 | 0.00109 | 5470.2884 | 0.68958 | 0.07754 | 7.29064 | 2 |
| 135 | 0.00085 | 6121.044 | 0.64454 | 0.07023 | 7.35597 | 2 |
| 136 | 0.00101 | 5240.0045 | 0.7002 | 0.07722 | 7.30079 | 2 |
| 137 | 0.00117 | 5820.5761 | 0.65799 | 0.07564 | 7.31163 | 2 |
| 138 | 0.00101 | 7059.0317 | 0.59266 | 0.068 | 7.35547 | 2 |
| 139 | 0.00087 | 5539.1885 | 0.66921 | 0.07302 | 7.36306 | 2 |
| 140 | 0.00116 | 6522.0162 | 0.62399 | 0.07287 | 7.32508 | 2 |
| 141 | 0.0009 | 5992.9886 | 0.65141 | 0.07083 | 7.3454 | 2 |
| 142 | 0.00082 | 6274.164 | 0.64092 | 0.06834 | 7.34552 | 2 |
| 143 | 0.00104 | 5889.9619 | 0.65829 | 0.07438 | 7.32339 | 2 |
| 144 | 0.00094 | 5327.2348 | 0.68544 | 0.07564 | 7.33839 | 2 |
| 145 | 0.00088 | 6708.1319 | 0.61146 | 0.06651 | 7.3461 | 2 |
| 146 | 0.00085 | 5765.1942 | 0.66424 | 0.07115 | 7.34414 | 2 |
| 147 | 0.00082 | 5963.8993 | 0.65949 | 0.06938 | 7.33477 | 2 |
| 148 | 0.00098 | 5616.7162 | 0.68692 | 0.07451 | 7.27638 | 2 |
| 149 | 0.00106 | 5096.2005 | 0.71369 | 0.07938 | 7.27856 | 2 |
| 150 | 0.00115 | 4866.1666 | 0.71949 | 0.08082 | 7.27472 | 2 |
| 151 | 0.00082 | 6743.0536 | 0.60763 | 0.06622 | 7.37417 | 2 |
| 152 | 0.00092 | 5385.9627 | 0.69211 | 0.07406 | 7.3107 | 2 |
| 153 | 0.00102 | 5197.1884 | 0.67541 | 0.07551 | 7.34414 | 2 |
| 154 | 0.00102 | 5855.5269 | 0.65682 | 0.07295 | 7.31997 | 2 |
| 155 | 0.00106 | 4908.5004 | 0.70635 | 0.07829 | 7.3184 | 2 |
| 156 | 0.00093 | 5581.7377 | 0.678 | 0.07383 | 7.3257 | 2 |
| 157 | 0.00086 | 5799.2712 | 0.66253 | 0.07155 | 7.34077 | 2 |
| 158 | 0.00084 | 6183.6422 | 0.63136 | 0.0672 | 7.3501 | 2 |
| 159 | 0.00096 | 5678.1036 | 0.67565 | 0.07397 | 7.30073 | 2 |
| 160 | 0.00084 | 6040.9041 | 0.63901 | 0.06786 | 7.34727 | 2 |

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Perpustakaan IPB University



Lanjutan Lampiran 2

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|---------|--------|
| 161 | 0.00092 | 4935.1069 | 0.69992 | 0.07629 | 7.36527 | 2 |
| 162 | 0.00112 | 4593.1255 | 0.71722 | 0.0808 | 7.31119 | 2 |
| 163 | 0.00083 | 5744.5417 | 0.66145 | 0.07143 | 7.3731 | 2 |
| 164 | 0.00104 | 5477.4857 | 0.68541 | 0.07614 | 7.29684 | 2 |
| 165 | 0.00104 | 5467.564 | 0.69119 | 0.07702 | 7.27896 | 2 |
| 166 | 0.00105 | 5061.7631 | 0.70542 | 0.07873 | 7.31423 | 2 |
| 167 | 0.00113 | 5706.0545 | 0.67984 | 0.07704 | 7.26565 | 2 |
| 168 | 0.00088 | 5589.4865 | 0.67635 | 0.07213 | 7.3329 | 2 |
| 169 | 0.00098 | 5087.28 | 0.69849 | 0.07755 | 7.34668 | 2 |
| 170 | 0.00109 | 5266.5519 | 0.69877 | 0.07876 | 7.29278 | 2 |
| 171 | 0.00107 | 5526.8814 | 0.68849 | 0.07742 | 7.28974 | 2 |
| 172 | 0.00098 | 5867.1515 | 0.66007 | 0.0725 | 7.31156 | 2 |
| 173 | 0.00095 | 6213.3001 | 0.645 | 0.07114 | 7.32039 | 2 |
| 174 | 0.00086 | 6078.3751 | 0.65745 | 0.07104 | 7.32413 | 2 |
| 175 | 0.00091 | 6246.7397 | 0.63792 | 0.0693 | 7.32727 | 2 |
| 176 | 0.00096 | 5782.32 | 0.65335 | 0.07196 | 7.33807 | 2 |
| 177 | 0.00093 | 5705.1519 | 0.65848 | 0.07167 | 7.3459 | 2 |
| 178 | 0.0011 | 5433.4293 | 0.68149 | 0.07623 | 7.29415 | 2 |
| 179 | 0.00098 | 5733.7523 | 0.66368 | 0.07267 | 7.32168 | 2 |
| 180 | 0.00093 | 6146.584 | 0.65086 | 0.07014 | 7.30269 | 2 |
| 181 | 0.00085 | 6421.6479 | 0.63309 | 0.06737 | 7.3275 | 2 |
| 182 | 0.00096 | 5375.9405 | 0.6767 | 0.07394 | 7.33375 | 2 |
| 183 | 0.00096 | 5259.4828 | 0.68215 | 0.07475 | 7.33681 | 2 |
| 184 | 0.00116 | 5456.8558 | 0.67835 | 0.07897 | 7.29506 | 2 |
| 185 | 0.00101 | 5161.9653 | 0.69005 | 0.07558 | 7.32373 | 2 |
| 186 | 0.00089 | 6052.1411 | 0.64539 | 0.07125 | 7.36407 | 2 |
| 187 | 0.00098 | 4995.155 | 0.70762 | 0.07818 | 7.33666 | 2 |
| 188 | 0.00104 | 5524.6157 | 0.67896 | 0.07683 | 7.33143 | 2 |
| 189 | 0.00106 | 5550.5063 | 0.67602 | 0.07595 | 7.30988 | 2 |
| 190 | 0.00091 | 5646.3674 | 0.66696 | 0.07147 | 7.3298 | 2 |
| 191 | 0.00103 | 5850.4993 | 0.65297 | 0.07306 | 7.33371 | 2 |
| 192 | 0.001 | 5322.3617 | 0.68317 | 0.07481 | 7.32647 | 2 |
| 193 | 0.00095 | 5750.7848 | 0.65987 | 0.0724 | 7.33836 | 2 |
| 194 | 0.00085 | 5957.1467 | 0.64767 | 0.06962 | 7.35919 | 2 |
| 195 | 0.00091 | 5714.3464 | 0.65945 | 0.07195 | 7.35027 | 2 |
| 196 | 0.0009 | 5899.2341 | 0.65064 | 0.07063 | 7.35496 | 2 |
| 197 | 0.00099 | 5866.9137 | 0.65863 | 0.07267 | 7.32234 | 2 |
| 198 | 0.00107 | 5067.6473 | 0.6925 | 0.0777 | 7.32681 | 2 |
| 199 | 0.00086 | 6208.0044 | 0.63696 | 0.06889 | 7.35334 | 2 |
| 200 | 0.0008 | 5788.7799 | 0.66177 | 0.07063 | 7.36186 | 2 |

Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :

IPB University

- Hak Cipta Dilindungi Undang-undang
1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 2

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|---------|--------|
| 201 | 0.00217 | 5676.2353 | 0.66913 | 0.08734 | 7.19658 | 3 |
| 202 | 0.00262 | 4682.7171 | 0.73173 | 0.09918 | 7.00522 | 3 |
| 203 | 0.00239 | 4632.7705 | 0.75151 | 0.10169 | 7.03296 | 3 |
| 204 | 0.00207 | 4718.1995 | 0.73636 | 0.09315 | 7.06959 | 3 |
| 205 | 0.00237 | 4665.3856 | 0.73392 | 0.09656 | 7.05342 | 3 |
| 206 | 0.00217 | 4833.1396 | 0.72405 | 0.09354 | 7.07915 | 3 |
| 207 | 0.00177 | 4816.5716 | 0.72361 | 0.08844 | 7.12433 | 3 |
| 208 | 0.0018 | 4955.5317 | 0.72118 | 0.08911 | 7.14082 | 3 |
| 209 | 0.00165 | 4989.6574 | 0.71764 | 0.08675 | 7.15643 | 3 |
| 210 | 0.00167 | 5128.6233 | 0.70335 | 0.08558 | 7.16302 | 3 |
| 211 | 0.00169 | 5190.5787 | 0.70099 | 0.08529 | 7.16174 | 3 |
| 212 | 0.00188 | 4936.358 | 0.71798 | 0.08979 | 7.12968 | 3 |
| 213 | 0.00197 | 5614.8837 | 0.67024 | 0.08526 | 7.2076 | 3 |
| 214 | 0.00192 | 5029.3294 | 0.7218 | 0.09288 | 7.16633 | 3 |
| 215 | 0.00171 | 4626.6681 | 0.71289 | 0.08836 | 7.17614 | 3 |
| 216 | 0.00182 | 4537.1859 | 0.73569 | 0.09081 | 7.1391 | 3 |
| 217 | 0.00175 | 5075.8711 | 0.70482 | 0.08704 | 7.13674 | 3 |
| 218 | 0.00174 | 4273.133 | 0.77002 | 0.09373 | 7.11463 | 3 |
| 219 | 0.00217 | 4858.7524 | 0.73121 | 0.09692 | 7.14658 | 3 |
| 220 | 0.00224 | 5027.5736 | 0.70395 | 0.09243 | 7.13226 | 3 |
| 221 | 0.00174 | 5275.1896 | 0.70359 | 0.08659 | 7.19114 | 3 |
| 222 | 0.00221 | 5569.8118 | 0.68401 | 0.09053 | 7.15591 | 3 |
| 223 | 0.0022 | 5159.6492 | 0.70309 | 0.09229 | 7.13408 | 3 |
| 224 | 0.00258 | 4912.4211 | 0.72152 | 0.0972 | 7.10675 | 3 |
| 225 | 0.00192 | 4999.7345 | 0.72229 | 0.09332 | 7.18719 | 3 |
| 226 | 0.00179 | 5488.2312 | 0.69335 | 0.08648 | 7.16522 | 3 |
| 227 | 0.00184 | 5284.6026 | 0.7066 | 0.09089 | 7.20353 | 3 |
| 228 | 0.00209 | 5292.2431 | 0.70348 | 0.09324 | 7.19752 | 3 |
| 229 | 0.00259 | 4813.6886 | 0.73593 | 0.10196 | 7.13077 | 3 |
| 230 | 0.00165 | 5077.2649 | 0.71123 | 0.08683 | 7.16593 | 3 |
| 231 | 0.00173 | 4712.934 | 0.73565 | 0.09275 | 7.1525 | 3 |
| 232 | 0.00262 | 5071.0623 | 0.70758 | 0.09703 | 7.09283 | 3 |
| 233 | 0.00215 | 5528.868 | 0.68992 | 0.08995 | 7.15487 | 3 |
| 234 | 0.00239 | 5755.2012 | 0.67393 | 0.09086 | 7.12653 | 3 |
| 235 | 0.00191 | 5689.157 | 0.67846 | 0.08543 | 7.1995 | 3 |
| 236 | 0.0023 | 5684.5192 | 0.6801 | 0.09057 | 7.1445 | 3 |
| 237 | 0.00233 | 5768.8007 | 0.67848 | 0.09098 | 7.13814 | 3 |
| 238 | 0.0025 | 5603.8371 | 0.68321 | 0.09322 | 7.0865 | 3 |
| 239 | 0.00189 | 5419.0495 | 0.683 | 0.0859 | 7.16332 | 3 |
| 240 | 0.00167 | 4631.6832 | 0.74502 | 0.09378 | 7.16078 | 3 |

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b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 2

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|---------|--------|
| 241 | 0.00195 | 5038.4369 | 0.71254 | 0.0903 | 7.15224 | 3 |
| 242 | 0.00158 | 4860.3232 | 0.72746 | 0.08903 | 7.19962 | 3 |
| 243 | 0.00175 | 4977.5881 | 0.7182 | 0.08945 | 7.15892 | 3 |
| 244 | 0.00168 | 5147.6745 | 0.70499 | 0.08703 | 7.16538 | 3 |
| 245 | 0.00204 | 4940.105 | 0.71399 | 0.09201 | 7.10502 | 3 |
| 246 | 0.00189 | 5247.7719 | 0.70595 | 0.0886 | 7.17504 | 3 |
| 247 | 0.00175 | 5119.8271 | 0.70682 | 0.08773 | 7.17037 | 3 |
| 248 | 0.0019 | 4908.6667 | 0.72737 | 0.09283 | 7.13732 | 3 |
| 249 | 0.00242 | 4805.8556 | 0.73364 | 0.10165 | 7.12762 | 3 |
| 250 | 0.00193 | 5890.2094 | 0.67359 | 0.08616 | 7.11243 | 3 |
| 251 | 0.00194 | 5672.2761 | 0.68375 | 0.08788 | 7.17748 | 3 |
| 252 | 0.00181 | 5853.6254 | 0.66097 | 0.08323 | 7.19628 | 3 |
| 253 | 0.00202 | 4913.6485 | 0.71923 | 0.09209 | 7.13356 | 3 |
| 254 | 0.00246 | 5001.0163 | 0.71113 | 0.09456 | 7.04412 | 3 |
| 255 | 0.00232 | 5286.1827 | 0.70182 | 0.09317 | 7.12898 | 3 |
| 256 | 0.00199 | 5248.9683 | 0.70244 | 0.09023 | 7.15751 | 3 |
| 257 | 0.00211 | 5335.5787 | 0.6907 | 0.08852 | 7.15582 | 3 |
| 258 | 0.00174 | 4759.7291 | 0.72775 | 0.09028 | 7.16118 | 3 |
| 259 | 0.00214 | 5404.8332 | 0.69724 | 0.09112 | 7.11729 | 3 |
| 260 | 0.00258 | 5415.6464 | 0.69964 | 0.09594 | 7.02033 | 3 |
| 261 | 0.00192 | 5435.3485 | 0.6971 | 0.08871 | 7.13942 | 3 |
| 262 | 0.00222 | 5246.3255 | 0.71108 | 0.09409 | 7.10263 | 3 |
| 263 | 0.00217 | 4916.3777 | 0.72375 | 0.09298 | 7.03604 | 3 |
| 264 | 0.00252 | 5030.2932 | 0.71829 | 0.09782 | 7.11353 | 3 |
| 265 | 0.00186 | 5067.3496 | 0.72363 | 0.09014 | 7.10747 | 3 |
| 266 | 0.00233 | 4650.5658 | 0.73577 | 0.09716 | 7.08304 | 3 |
| 267 | 0.00238 | 4398.1468 | 0.76924 | 0.10274 | 7.00129 | 3 |
| 268 | 0.00201 | 5326.8578 | 0.69106 | 0.08755 | 7.1689 | 3 |
| 269 | 0.00255 | 4754.613 | 0.73336 | 0.0991 | 7.01776 | 3 |
| 270 | 0.00179 | 4442.6264 | 0.75461 | 0.09483 | 7.1176 | 3 |
| 271 | 0.00215 | 5102.2973 | 0.71192 | 0.09266 | 7.06644 | 3 |
| 272 | 0.00265 | 4616.8841 | 0.7409 | 0.09979 | 6.97554 | 3 |
| 273 | 0.00188 | 4648.5868 | 0.73217 | 0.09099 | 7.11296 | 3 |
| 274 | 0.00157 | 5304.8418 | 0.70719 | 0.0847 | 7.15259 | 3 |
| 275 | 0.00176 | 5915.0554 | 0.6614 | 0.08207 | 7.22499 | 3 |
| 276 | 0.00186 | 5646.0311 | 0.67728 | 0.08499 | 7.20086 | 3 |
| 277 | 0.00158 | 5451.7521 | 0.69349 | 0.08458 | 7.19674 | 3 |
| 278 | 0.00183 | 4635.1699 | 0.73525 | 0.09446 | 7.19157 | 3 |
| 279 | 0.00227 | 4672.767 | 0.74638 | 0.09971 | 7.11121 | 3 |
| 280 | 0.00188 | 5678.8374 | 0.67167 | 0.08446 | 7.2044 | 3 |

Hak cipta milik IPB University

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 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 2

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|---------|--------|
| 281 | 0.00172 | 5598.1319 | 0.67353 | 0.08236 | 7.20248 | 3 |
| 282 | 0.00166 | 5680.0058 | 0.66762 | 0.08114 | 7.22383 | 3 |
| 283 | 0.00163 | 5631.3661 | 0.67428 | 0.08158 | 7.22654 | 3 |
| 284 | 0.00191 | 5497.2214 | 0.67375 | 0.08551 | 7.19539 | 3 |
| 285 | 0.00187 | 5256.7186 | 0.69168 | 0.08634 | 7.18746 | 3 |
| 286 | 0.00172 | 5568.4677 | 0.67793 | 0.08363 | 7.20273 | 3 |
| 287 | 0.00177 | 5495.5053 | 0.68337 | 0.0849 | 7.22153 | 3 |
| 288 | 0.00166 | 5399.0698 | 0.69133 | 0.08406 | 7.21504 | 3 |
| 289 | 0.00173 | 5224.5881 | 0.70426 | 0.08784 | 7.17272 | 3 |
| 290 | 0.00163 | 5473.9684 | 0.69071 | 0.08411 | 7.18686 | 3 |
| 291 | 0.00182 | 5142.7857 | 0.71903 | 0.09034 | 7.14272 | 3 |
| 292 | 0.00183 | 5459.7013 | 0.68777 | 0.0859 | 7.20813 | 3 |
| 293 | 0.00186 | 4961.5236 | 0.72931 | 0.09173 | 7.1249 | 3 |
| 294 | 0.00169 | 5429.5342 | 0.70167 | 0.08691 | 7.16205 | 3 |
| 295 | 0.00184 | 5275.7278 | 0.70713 | 0.08961 | 7.12472 | 3 |
| 296 | 0.00215 | 4979.5194 | 0.72081 | 0.09422 | 7.11604 | 3 |
| 297 | 0.00206 | 4832.1451 | 0.7292 | 0.09479 | 7.10589 | 3 |
| 298 | 0.00217 | 4499.5762 | 0.73974 | 0.09578 | 7.12355 | 3 |
| 299 | 0.00249 | 4855.1419 | 0.73055 | 0.09815 | 7.03929 | 3 |
| 300 | 0.00179 | 5010.9659 | 0.7219 | 0.09115 | 7.17937 | 3 |
| 301 | 0.00341 | 6238.917 | 0.65605 | 0.09971 | 7.11021 | 4 |
| 302 | 0.00366 | 5226.9995 | 0.70697 | 0.10883 | 7.05694 | 4 |
| 303 | 0.00523 | 5683.0023 | 0.68272 | 0.11608 | 7.0175 | 4 |
| 304 | 0.00428 | 5620.0367 | 0.68659 | 0.11059 | 7.08228 | 4 |
| 305 | 0.00467 | 5108.2367 | 0.71257 | 0.11699 | 7.03873 | 4 |
| 306 | 0.00362 | 5461.1824 | 0.69612 | 0.106 | 7.08042 | 4 |
| 307 | 0.00399 | 5216.4395 | 0.71358 | 0.11072 | 7.05089 | 4 |
| 308 | 0.00349 | 5060.943 | 0.72447 | 0.10834 | 7.06144 | 4 |
| 309 | 0.00418 | 5719.6439 | 0.68451 | 0.1094 | 7.07868 | 4 |
| 310 | 0.00457 | 5334.0771 | 0.71121 | 0.11465 | 6.992 | 4 |
| 311 | 0.0053 | 5431.346 | 0.7034 | 0.11909 | 6.95944 | 4 |
| 312 | 0.00411 | 5380.4257 | 0.69968 | 0.11035 | 7.04596 | 4 |
| 313 | 0.00403 | 5883.8789 | 0.67742 | 0.10754 | 7.0694 | 4 |
| 314 | 0.00507 | 4584.8546 | 0.75475 | 0.12507 | 6.89825 | 4 |
| 315 | 0.00326 | 4571.1408 | 0.75247 | 0.11117 | 7.03931 | 4 |
| 316 | 0.00484 | 5196.7858 | 0.71529 | 0.11782 | 6.96364 | 4 |
| 317 | 0.00553 | 4765.5247 | 0.74461 | 0.12598 | 6.89798 | 4 |
| 318 | 0.00308 | 5177.1171 | 0.70926 | 0.10103 | 7.0641 | 4 |
| 319 | 0.00439 | 5100.396 | 0.6946 | 0.10993 | 7.00738 | 4 |
| 320 | 0.00488 | 4928.2326 | 0.72081 | 0.11739 | 6.97047 | 4 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|---------|--------|
| 321 | 0.00423 | 5051.7091 | 0.71806 | 0.11388 | 7.0314 | 4 |
| 322 | 0.0045 | 4741.402 | 0.72626 | 0.11619 | 6.9447 | 4 |
| 323 | 0.003 | 5286.8213 | 0.70188 | 0.10048 | 7.0482 | 4 |
| 324 | 0.00548 | 5293.6164 | 0.70919 | 0.12154 | 6.9987 | 4 |
| 325 | 0.00488 | 4695.7739 | 0.7344 | 0.11995 | 6.91717 | 4 |
| 326 | 0.00513 | 4684.7397 | 0.73827 | 0.122 | 6.93114 | 4 |
| 327 | 0.00518 | 4739.6619 | 0.71992 | 0.12084 | 6.89213 | 4 |
| 328 | 0.00407 | 4823.4389 | 0.73578 | 0.1152 | 6.98671 | 4 |
| 329 | 0.00413 | 5255.5631 | 0.7163 | 0.11367 | 7.00192 | 4 |
| 330 | 0.00319 | 5250.4484 | 0.71734 | 0.10572 | 7.04797 | 4 |
| 331 | 0.00351 | 4963.4052 | 0.72716 | 0.10971 | 7.04804 | 4 |
| 332 | 0.00394 | 5240.5875 | 0.72103 | 0.11183 | 7.03059 | 4 |
| 333 | 0.00338 | 5069.9211 | 0.72193 | 0.10699 | 7.04994 | 4 |
| 334 | 0.0043 | 5583.3258 | 0.69926 | 0.11192 | 7.04301 | 4 |
| 335 | 0.00501 | 5429.9361 | 0.69617 | 0.11575 | 7.00897 | 4 |
| 336 | 0.0039 | 5194.0677 | 0.71159 | 0.10967 | 7.03457 | 4 |
| 337 | 0.00334 | 4995.818 | 0.73281 | 0.10797 | 6.99485 | 4 |
| 338 | 0.00323 | 5156.8572 | 0.72141 | 0.10603 | 7.04102 | 4 |
| 339 | 0.00299 | 5453.0761 | 0.70985 | 0.10198 | 7.06185 | 4 |
| 340 | 0.004 | 4970.6912 | 0.72839 | 0.11317 | 6.96386 | 4 |
| 341 | 0.00412 | 4651.4015 | 0.75372 | 0.1169 | 6.91611 | 4 |
| 342 | 0.00409 | 4744.5851 | 0.74569 | 0.11728 | 6.91752 | 4 |
| 343 | 0.00447 | 5262.3205 | 0.71516 | 0.11562 | 6.96419 | 4 |
| 344 | 0.00375 | 5301.293 | 0.70514 | 0.10751 | 7.05905 | 4 |
| 345 | 0.00472 | 5161.9897 | 0.70939 | 0.11473 | 7.00812 | 4 |
| 346 | 0.00506 | 5118.0806 | 0.71222 | 0.11762 | 6.98897 | 4 |
| 347 | 0.00323 | 5270.9531 | 0.70178 | 0.1034 | 7.10011 | 4 |
| 348 | 0.00376 | 5849.9488 | 0.67758 | 0.10496 | 7.08953 | 4 |
| 349 | 0.0035 | 5215.1394 | 0.71605 | 0.10737 | 7.04257 | 4 |
| 350 | 0.0032 | 5789.0849 | 0.67624 | 0.09979 | 7.10072 | 4 |
| 351 | 0.003 | 5971.7987 | 0.67024 | 0.09789 | 7.11998 | 4 |
| 352 | 0.00305 | 5937.3854 | 0.66851 | 0.09828 | 7.13288 | 4 |
| 353 | 0.00358 | 4887.8934 | 0.72565 | 0.1103 | 7.07006 | 4 |
| 354 | 0.00327 | 5532.1965 | 0.68751 | 0.10378 | 7.1314 | 4 |
| 355 | 0.0031 | 4785.3133 | 0.73644 | 0.10802 | 7.10506 | 4 |
| 356 | 0.0049 | 5839.1966 | 0.67423 | 0.11303 | 7.0524 | 4 |
| 357 | 0.00483 | 5303.5306 | 0.70239 | 0.11593 | 7.02553 | 4 |
| 358 | 0.00495 | 5847.1807 | 0.67036 | 0.11302 | 7.07043 | 4 |
| 359 | 0.00373 | 5746.5413 | 0.67511 | 0.10529 | 7.09842 | 4 |
| 360 | 0.00298 | 6125.7692 | 0.65385 | 0.09678 | 7.16686 | 4 |

Hak Cipta Dilindungi Undang-undang

IPB University

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2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 2

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|---------|--------|
| 361 | 0.00409 | 5465.3411 | 0.69628 | 0.10908 | 7.05227 | 4 |
| 362 | 0.00407 | 5701.7922 | 0.68253 | 0.10781 | 7.0773 | 4 |
| 363 | 0.0047 | 5159.6898 | 0.7139 | 0.11601 | 7.00956 | 4 |
| 364 | 0.00524 | 5842.2299 | 0.66876 | 0.11433 | 7.05501 | 4 |
| 365 | 0.00474 | 5749.7042 | 0.67793 | 0.11221 | 7.0404 | 4 |
| 366 | 0.00512 | 5944.187 | 0.66659 | 0.11329 | 7.04788 | 4 |
| 367 | 0.00414 | 5743.6379 | 0.68326 | 0.10818 | 7.05478 | 4 |
| 368 | 0.00556 | 5731.7185 | 0.68324 | 0.11826 | 7.02265 | 4 |
| 369 | 0.00509 | 5864.4787 | 0.67562 | 0.1142 | 7.03761 | 4 |
| 370 | 0.00367 | 5949.7634 | 0.6662 | 0.10322 | 7.11832 | 4 |
| 371 | 0.00451 | 5288.8135 | 0.70635 | 0.11345 | 7.0336 | 4 |
| 372 | 0.00536 | 4325.5865 | 0.75102 | 0.12647 | 6.97886 | 4 |
| 373 | 0.00485 | 4254.7159 | 0.76586 | 0.12477 | 6.93939 | 4 |
| 374 | 0.00351 | 4475.0563 | 0.75512 | 0.11365 | 7.06184 | 4 |
| 375 | 0.00541 | 5694.3527 | 0.67477 | 0.1164 | 7.04589 | 4 |
| 376 | 0.00488 | 5544.0358 | 0.69294 | 0.11384 | 7.01564 | 4 |
| 377 | 0.00546 | 6112.2009 | 0.65454 | 0.11499 | 7.06043 | 4 |
| 378 | 0.00503 | 6090.8326 | 0.65837 | 0.11275 | 7.07473 | 4 |
| 379 | 0.00429 | 5182.8361 | 0.71298 | 0.11212 | 7.04305 | 4 |
| 380 | 0.00414 | 5194.7703 | 0.71021 | 0.11089 | 7.03341 | 4 |
| 381 | 0.00393 | 5411.5661 | 0.70079 | 0.10867 | 7.05361 | 4 |
| 382 | 0.00528 | 5208.2371 | 0.71394 | 0.12027 | 6.95825 | 4 |
| 383 | 0.00326 | 5261.6714 | 0.71103 | 0.10369 | 7.08335 | 4 |
| 384 | 0.00351 | 5639.9439 | 0.69127 | 0.1042 | 7.08412 | 4 |
| 385 | 0.00368 | 4709.7962 | 0.74144 | 0.11353 | 6.96773 | 4 |
| 386 | 0.00326 | 4749.2645 | 0.74404 | 0.10989 | 7.00978 | 4 |
| 387 | 0.00472 | 5161.9897 | 0.70939 | 0.11473 | 7.00812 | 4 |
| 388 | 0.00427 | 5434.4608 | 0.69508 | 0.1096 | 7.03984 | 4 |
| 389 | 0.00451 | 5358.6004 | 0.70232 | 0.11251 | 7.01845 | 4 |
| 390 | 0.00339 | 5458.9777 | 0.69261 | 0.1049 | 7.0916 | 4 |
| 391 | 0.00462 | 5636.6927 | 0.68894 | 0.11129 | 7.02476 | 4 |
| 392 | 0.0052 | 4821.1056 | 0.73005 | 0.12106 | 6.93101 | 4 |
| 393 | 0.0033 | 4872.1451 | 0.7295 | 0.10849 | 7.02733 | 4 |
| 394 | 0.00313 | 5482.618 | 0.69831 | 0.10199 | 7.08546 | 4 |
| 395 | 0.00344 | 5664.5844 | 0.69027 | 0.10296 | 7.09765 | 4 |
| 396 | 0.00427 | 5054.4381 | 0.71687 | 0.11295 | 6.99651 | 4 |
| 397 | 0.00448 | 4913.806 | 0.7307 | 0.1168 | 6.98605 | 4 |
| 398 | 0.00442 | 3989.1172 | 0.7756 | 0.12353 | 6.99163 | 4 |
| 399 | 0.00493 | 5487.1163 | 0.69912 | 0.1162 | 7.03356 | 4 |
| 400 | 0.00333 | 5504.4094 | 0.69632 | 0.10395 | 7.12373 | 4 |

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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 2

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|---------|--------|
| 401 | 0.00206 | 4653.1178 | 0.74265 | 0.09626 | 7.07625 | 5 |
| 402 | 0.00173 | 4464.3468 | 0.75344 | 0.09243 | 7.13083 | 5 |
| 403 | 0.00193 | 4808.8691 | 0.72692 | 0.09137 | 7.09773 | 5 |
| 404 | 0.00203 | 4447.773 | 0.75037 | 0.09639 | 7.08655 | 5 |
| 405 | 0.00212 | 4512.958 | 0.73928 | 0.09576 | 7.06854 | 5 |
| 406 | 0.0016 | 4754.607 | 0.73564 | 0.08866 | 7.15536 | 5 |
| 407 | 0.00183 | 4602.9141 | 0.74616 | 0.09338 | 7.11059 | 5 |
| 408 | 0.00214 | 4609.1245 | 0.73618 | 0.09519 | 7.0603 | 5 |
| 409 | 0.00177 | 4498.1554 | 0.7518 | 0.09319 | 7.12379 | 5 |
| 410 | 0.00167 | 4516.8033 | 0.74463 | 0.0909 | 7.15486 | 5 |
| 411 | 0.00176 | 4576.4999 | 0.74317 | 0.09172 | 7.13359 | 5 |
| 412 | 0.00158 | 4952.0402 | 0.71375 | 0.08519 | 7.16022 | 5 |
| 413 | 0.00204 | 4676.7641 | 0.7098 | 0.09089 | 7.08961 | 5 |
| 414 | 0.00158 | 4790.4439 | 0.72542 | 0.08649 | 7.15939 | 5 |
| 415 | 0.0021 | 4613.3431 | 0.73554 | 0.09478 | 7.06311 | 5 |
| 416 | 0.00182 | 4606.0197 | 0.74392 | 0.09359 | 7.12019 | 5 |
| 417 | 0.00199 | 4897.4912 | 0.71074 | 0.08972 | 7.0919 | 5 |
| 418 | 0.0017 | 5128.8277 | 0.70239 | 0.08496 | 7.14204 | 5 |
| 419 | 0.00175 | 5187.8237 | 0.70213 | 0.08534 | 7.13452 | 5 |
| 420 | 0.00186 | 4915.1617 | 0.71381 | 0.08807 | 7.11621 | 5 |
| 421 | 0.00177 | 5253.8147 | 0.69609 | 0.08503 | 7.14483 | 5 |
| 422 | 0.00182 | 5082.3335 | 0.70798 | 0.08687 | 7.13437 | 5 |
| 423 | 0.00185 | 5073.8795 | 0.70931 | 0.08725 | 7.13196 | 5 |
| 424 | 0.00192 | 4831.3272 | 0.71056 | 0.08914 | 7.10612 | 5 |
| 425 | 0.00171 | 5294.837 | 0.69576 | 0.08436 | 7.1411 | 5 |
| 426 | 0.00177 | 5007.7428 | 0.71757 | 0.08655 | 7.10925 | 5 |
| 427 | 0.00198 | 4388.0632 | 0.74855 | 0.0954 | 7.08971 | 5 |
| 428 | 0.00171 | 5173.5332 | 0.69438 | 0.08453 | 7.15429 | 5 |
| 429 | 0.00154 | 4727.2036 | 0.73752 | 0.08904 | 7.17111 | 5 |
| 430 | 0.00197 | 4740.0796 | 0.72148 | 0.09015 | 7.08881 | 5 |
| 431 | 0.00186 | 4889.2652 | 0.71457 | 0.08752 | 7.10437 | 5 |
| 432 | 0.00158 | 5085.7151 | 0.69873 | 0.08382 | 7.18751 | 5 |
| 433 | 0.00201 | 4890.2695 | 0.70833 | 0.09062 | 7.10128 | 5 |
| 434 | 0.00168 | 4846.3297 | 0.72323 | 0.08737 | 7.14481 | 5 |
| 435 | 0.00196 | 4745.1706 | 0.72014 | 0.0907 | 7.09456 | 5 |
| 436 | 0.00193 | 4678.7651 | 0.71645 | 0.09074 | 7.11115 | 5 |
| 437 | 0.00167 | 4517.7225 | 0.74872 | 0.09164 | 7.14834 | 5 |
| 438 | 0.00195 | 4681.7763 | 0.71552 | 0.09053 | 7.12149 | 5 |
| 439 | 0.00172 | 5030.3976 | 0.70476 | 0.08526 | 7.15422 | 5 |
| 440 | 0.00166 | 4993.6869 | 0.7127 | 0.08581 | 7.14517 | 5 |

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Lanjutan Lampiran 2

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|---------|--------|
| 441 | 0.0017 | 4869.3859 | 0.71666 | 0.08791 | 7.1423 | 5 |
| 442 | 0.00198 | 4388.0632 | 0.74855 | 0.0954 | 7.08971 | 5 |
| 443 | 0.00182 | 4867.9872 | 0.73037 | 0.09042 | 7.10314 | 5 |
| 444 | 0.00219 | 4440.599 | 0.74557 | 0.09776 | 7.06264 | 5 |
| 445 | 0.00181 | 4759.6994 | 0.72816 | 0.09063 | 7.12723 | 5 |
| 446 | 0.00223 | 4716.9039 | 0.71744 | 0.09318 | 7.05956 | 5 |
| 447 | 0.00174 | 4587.94 | 0.74314 | 0.09112 | 7.12594 | 5 |
| 448 | 0.00175 | 4793.0766 | 0.72819 | 0.09004 | 7.12135 | 5 |
| 449 | 0.00193 | 4718.9951 | 0.73245 | 0.09305 | 7.09394 | 5 |
| 450 | 0.00207 | 4733.5537 | 0.72512 | 0.09247 | 7.09755 | 5 |
| 451 | 0.00189 | 4793.6471 | 0.73141 | 0.09219 | 7.10455 | 5 |
| 452 | 0.00209 | 4633.0262 | 0.72746 | 0.09335 | 7.10032 | 5 |
| 453 | 0.00217 | 4892.7724 | 0.71997 | 0.093 | 7.05464 | 5 |
| 454 | 0.00186 | 5005.8407 | 0.71165 | 0.08882 | 7.12075 | 5 |
| 455 | 0.00178 | 5037.8425 | 0.70826 | 0.08747 | 7.12814 | 5 |
| 456 | 0.00181 | 4798.1554 | 0.71917 | 0.08855 | 7.12035 | 5 |
| 457 | 0.00185 | 4773.3386 | 0.71589 | 0.08851 | 7.14817 | 5 |
| 458 | 0.00226 | 4859.0962 | 0.71667 | 0.094 | 7.06437 | 5 |
| 459 | 0.00211 | 4977.2279 | 0.70876 | 0.09189 | 7.08009 | 5 |
| 460 | 0.00188 | 4188.7691 | 0.76028 | 0.0955 | 7.1333 | 5 |
| 461 | 0.00209 | 4990.0507 | 0.70476 | 0.09114 | 7.09847 | 5 |
| 462 | 0.00187 | 4744.8552 | 0.73185 | 0.09126 | 7.107 | 5 |
| 463 | 0.00187 | 4916.74 | 0.70769 | 0.08804 | 7.12976 | 5 |
| 464 | 0.00165 | 4940.5852 | 0.71602 | 0.08569 | 7.16496 | 5 |
| 465 | 0.00215 | 4832.2269 | 0.72144 | 0.09382 | 7.06287 | 5 |
| 466 | 0.00181 | 5006.5321 | 0.71041 | 0.08807 | 7.1366 | 5 |
| 467 | 0.00168 | 5031.5201 | 0.70473 | 0.08546 | 7.17133 | 5 |
| 468 | 0.00222 | 4654.9362 | 0.73466 | 0.09587 | 7.04569 | 5 |
| 469 | 0.00221 | 4575.8736 | 0.73923 | 0.0958 | 7.04517 | 5 |
| 470 | 0.00186 | 4522.809 | 0.75222 | 0.09515 | 7.10649 | 5 |
| 471 | 0.00227 | 4541.2633 | 0.74275 | 0.09761 | 7.0396 | 5 |
| 472 | 0.00213 | 4278.5297 | 0.76334 | 0.09851 | 7.06243 | 5 |
| 473 | 0.00193 | 4566.4067 | 0.74468 | 0.09504 | 7.10806 | 5 |
| 474 | 0.00176 | 4592.0226 | 0.72838 | 0.09016 | 7.19081 | 5 |
| 475 | 0.00184 | 4800.0726 | 0.7259 | 0.09083 | 7.16207 | 5 |
| 476 | 0.00186 | 4710.3206 | 0.72751 | 0.09076 | 7.16269 | 5 |
| 477 | 0.00195 | 4536.2384 | 0.7414 | 0.09307 | 7.12081 | 5 |
| 478 | 0.00196 | 4550.5319 | 0.7505 | 0.0953 | 7.08846 | 5 |
| 479 | 0.00205 | 4470.4192 | 0.74711 | 0.09585 | 7.09429 | 5 |
| 480 | 0.00176 | 4827.3374 | 0.7237 | 0.08957 | 7.19596 | 5 |

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Lanjutan Lampiran 2

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|---------|--------|
| 481 | 0.00166 | 5032.396 | 0.70806 | 0.08744 | 7.21705 | 5 |
| 482 | 0.00188 | 4939.0407 | 0.70329 | 0.08709 | 7.13773 | 5 |
| 483 | 0.00184 | 4993.9399 | 0.69021 | 0.08586 | 7.16243 | 5 |
| 484 | 0.00184 | 4767.9326 | 0.736 | 0.09255 | 7.10857 | 5 |
| 485 | 0.00216 | 4662.3205 | 0.71616 | 0.09118 | 7.10818 | 5 |
| 486 | 0.00214 | 4636.3166 | 0.71436 | 0.09106 | 7.1166 | 5 |
| 487 | 0.00192 | 4975.9508 | 0.69574 | 0.08697 | 7.12029 | 5 |
| 488 | 0.00192 | 4518.1737 | 0.75064 | 0.09565 | 7.09622 | 5 |
| 489 | 0.00186 | 4842.0988 | 0.7302 | 0.09099 | 7.09747 | 5 |
| 490 | 0.00163 | 4392.7375 | 0.75726 | 0.09341 | 7.15644 | 5 |
| 491 | 0.00165 | 4955.0475 | 0.72459 | 0.08826 | 7.13692 | 5 |
| 492 | 0.00169 | 4754.7304 | 0.73904 | 0.09112 | 7.12176 | 5 |
| 493 | 0.0021 | 4867.2703 | 0.71157 | 0.09043 | 7.09615 | 5 |
| 494 | 0.00212 | 4843.1922 | 0.71024 | 0.09082 | 7.09427 | 5 |
| 495 | 0.00198 | 5057.929 | 0.69739 | 0.08751 | 7.12714 | 5 |
| 496 | 0.00213 | 4514.6421 | 0.72911 | 0.09176 | 7.11034 | 5 |
| 497 | 0.00216 | 4747.5314 | 0.73301 | 0.09507 | 7.04611 | 5 |
| 498 | 0.00212 | 4511.8589 | 0.73933 | 0.09576 | 7.06873 | 5 |
| 499 | 0.00194 | 5180.924 | 0.68686 | 0.08552 | 7.15248 | 5 |
| 500 | 0.00216 | 4842.1181 | 0.71897 | 0.09299 | 7.0582 | 5 |

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Lampiran 3 Hasil Ekstraksi Jenis Kayu dengan GLCM

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|----------|------------|-------------|----------|----------|--------|
| 1 | 0.000350 | 109.927725 | 0.973143 | 0.187920 | 7.448916 | 1 |
| 2 | 0.000248 | 123.576508 | 0.967175 | 0.161112 | 7.414222 | 1 |
| 3 | 0.000300 | 92.063502 | 0.974760 | 0.200666 | 7.411257 | 1 |
| 4 | 0.000432 | 84.022930 | 0.967691 | 0.202130 | 7.132394 | 1 |
| 5 | 0.000306 | 127.319895 | 0.954635 | 0.152380 | 7.205454 | 1 |
| 6 | 0.000516 | 85.787992 | 0.964549 | 0.231441 | 7.060812 | 1 |
| 7 | 0.000417 | 81.957479 | 0.971556 | 0.193604 | 7.197287 | 1 |
| 8 | 0.000368 | 80.582226 | 0.972767 | 0.187828 | 7.227751 | 1 |
| 9 | 0.000219 | 155.982905 | 0.972473 | 0.160435 | 7.651968 | 1 |
| 10 | 0.000360 | 86.682632 | 0.970575 | 0.184528 | 7.236817 | 1 |
| 11 | 0.000435 | 78.093625 | 0.970783 | 0.203278 | 7.141675 | 1 |
| 12 | 0.000395 | 79.716314 | 0.971529 | 0.194116 | 7.193295 | 1 |
| 13 | 0.000217 | 190.596876 | 0.969359 | 0.142136 | 7.694685 | 1 |
| 14 | 0.000525 | 49.195026 | 0.980421 | 0.240667 | 7.107838 | 1 |
| 15 | 0.000287 | 106.210722 | 0.968146 | 0.169231 | 7.340285 | 1 |
| 16 | 0.000334 | 92.371427 | 0.971601 | 0.210047 | 7.332061 | 1 |
| 17 | 0.000468 | 54.310832 | 0.981178 | 0.247706 | 7.236896 | 1 |
| 18 | 0.000359 | 101.996351 | 0.967852 | 0.180635 | 7.256206 | 1 |
| 19 | 0.000250 | 115.379459 | 0.978330 | 0.178253 | 7.617101 | 1 |
| 20 | 0.000376 | 68.248106 | 0.980671 | 0.241539 | 7.380327 | 1 |
| 21 | 0.000438 | 45.871556 | 0.985265 | 0.237057 | 7.277833 | 1 |
| 22 | 0.000406 | 56.476412 | 0.982007 | 0.226050 | 7.290231 | 1 |
| 23 | 0.000645 | 27.953901 | 0.990238 | 0.308996 | 7.212841 | 1 |
| 24 | 0.000255 | 138.771073 | 0.956407 | 0.158271 | 7.329543 | 1 |
| 25 | 0.000324 | 99.653431 | 0.969256 | 0.213000 | 7.352298 | 1 |
| 26 | 0.000457 | 48.446060 | 0.983430 | 0.241981 | 7.238086 | 1 |
| 27 | 0.000235 | 124.416015 | 0.967215 | 0.164346 | 7.440686 | 1 |
| 28 | 0.000218 | 155.152943 | 0.969586 | 0.159765 | 7.600513 | 1 |
| 29 | 0.000265 | 96.818257 | 0.976189 | 0.176990 | 7.485815 | 1 |
| 30 | 0.000274 | 118.251853 | 0.967812 | 0.171841 | 7.388528 | 1 |
| 31 | 0.000604 | 35.054006 | 0.986693 | 0.289072 | 7.158343 | 1 |
| 32 | 0.000262 | 77.674328 | 0.984017 | 0.206349 | 7.580508 | 1 |
| 33 | 0.000281 | 98.822921 | 0.973899 | 0.193467 | 7.434552 | 1 |
| 34 | 0.000384 | 69.125817 | 0.979592 | 0.245189 | 7.340030 | 1 |
| 35 | 0.000327 | 88.063469 | 0.974388 | 0.196034 | 7.374721 | 1 |
| 36 | 0.000469 | 50.988532 | 0.978638 | 0.230061 | 7.125021 | 1 |
| 37 | 0.000342 | 60.265103 | 0.984723 | 0.229092 | 7.459983 | 1 |
| 38 | 0.000155 | 216.182745 | 0.960196 | 0.134827 | 7.675979 | 1 |
| 39 | 0.000383 | 65.215075 | 0.981782 | 0.221962 | 7.354484 | 1 |
| 40 | 0.000402 | 90.805321 | 0.962145 | 0.182031 | 7.089611 | 1 |

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Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|-----------|-------------|---------|-----------|--------|
| 41 | 0.00043 | 85.610175 | 0.9688 | 0.20296 | 7.1758872 | 1 |
| 42 | 0.00025 | 124.19744 | 0.97114 | 0.18792 | 7.4681932 | 1 |
| 43 | 0.00036 | 88.788502 | 0.96131 | 0.1808 | 7.0881278 | 1 |
| 44 | 0.00038 | 64.187609 | 0.97877 | 0.21101 | 7.2787292 | 1 |
| 45 | 0.00063 | 33.432187 | 0.98271 | 0.27192 | 6.9826589 | 1 |
| 46 | 0.00029 | 87.752522 | 0.97636 | 0.17891 | 7.3828157 | 1 |
| 47 | 0.00042 | 52.416784 | 0.98129 | 0.2298 | 7.2369289 | 1 |
| 48 | 0.00025 | 91.237455 | 0.98108 | 0.19449 | 7.5516694 | 1 |
| 49 | 0.00033 | 92.175651 | 0.97028 | 0.20646 | 7.3220237 | 1 |
| 50 | 0.00036 | 54.881103 | 0.98345 | 0.22921 | 7.3598765 | 1 |
| 51 | 0.00028 | 95.249788 | 0.9764 | 0.1909 | 7.4726765 | 1 |
| 52 | 0.0003 | 76.800358 | 0.97902 | 0.18537 | 7.4194742 | 1 |
| 53 | 0.00027 | 95.168994 | 0.9765 | 0.17695 | 7.4879943 | 1 |
| 54 | 0.00019 | 153.04424 | 0.96642 | 0.15171 | 7.582817 | 1 |
| 55 | 0.00034 | 79.813483 | 0.97326 | 0.205 | 7.2756736 | 1 |
| 56 | 0.00041 | 58.11644 | 0.9753 | 0.20942 | 7.1173004 | 1 |
| 57 | 0.00017 | 161.24638 | 0.96661 | 0.13468 | 7.6053649 | 1 |
| 58 | 0.0004 | 71.507074 | 0.97293 | 0.22279 | 7.1937092 | 1 |
| 59 | 0.00016 | 212.71838 | 0.96025 | 0.12135 | 7.6526387 | 1 |
| 60 | 0.00032 | 79.977007 | 0.97526 | 0.21175 | 7.3473515 | 1 |
| 61 | 0.0004 | 99.556077 | 0.96919 | 0.21941 | 7.3038871 | 1 |
| 62 | 0.00038 | 88.975948 | 0.98201 | 0.21046 | 7.5323181 | 1 |
| 63 | 0.0003 | 91.360109 | 0.97319 | 0.19694 | 7.380661 | 1 |
| 64 | 0.00041 | 94.405874 | 0.9692 | 0.19682 | 7.2397107 | 1 |
| 65 | 0.00019 | 229.62538 | 0.95713 | 0.12135 | 7.6410908 | 1 |
| 66 | 0.00022 | 180.09484 | 0.96155 | 0.14477 | 7.5504109 | 1 |
| 67 | 0.00025 | 120.63371 | 0.9713 | 0.16871 | 7.4525273 | 1 |
| 68 | 0.00034 | 74.901387 | 0.97693 | 0.20285 | 7.3374518 | 1 |
| 69 | 0.00033 | 141.11286 | 0.95576 | 0.16843 | 7.2979683 | 1 |
| 70 | 0.00027 | 130.43801 | 0.96968 | 0.19069 | 7.5337266 | 1 |
| 71 | 0.00035 | 96.249468 | 0.97179 | 0.2137 | 7.3548682 | 1 |
| 72 | 0.00043 | 71.384101 | 0.97631 | 0.24595 | 7.2722208 | 1 |
| 73 | 0.00036 | 65.128258 | 0.9805 | 0.22135 | 7.340794 | 1 |
| 74 | 0.00029 | 82.168918 | 0.97937 | 0.20191 | 7.4876304 | 1 |
| 75 | 0.00023 | 95.736099 | 0.98034 | 0.18562 | 7.595436 | 1 |
| 76 | 0.0004 | 77.169305 | 0.97172 | 0.21828 | 7.2108626 | 1 |
| 77 | 0.00036 | 113.41669 | 0.96679 | 0.19754 | 7.3432871 | 1 |
| 78 | 0.00034 | 61.229412 | 0.98291 | 0.2166 | 7.3987111 | 1 |
| 79 | 0.00025 | 140.42609 | 0.97419 | 0.16996 | 7.5974277 | 1 |
| 80 | 0.00027 | 88.088079 | 0.97857 | 0.19975 | 7.5000366 | 1 |

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 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 81 | 0.00024 | 133.85992 | 0.97052 | 0.18923 | 7.5240714 | 1 |
| 82 | 0.00024 | 143.76548 | 0.96874 | 0.17862 | 7.51111 | 1 |
| 83 | 0.00024 | 145.79331 | 0.96803 | 0.15259 | 7.5649785 | 1 |
| 84 | 0.00032 | 92.243566 | 0.97641 | 0.18989 | 7.4171249 | 1 |
| 85 | 0.00019 | 176.2102 | 0.96608 | 0.13757 | 7.6356251 | 1 |
| 86 | 0.00026 | 96.55533 | 0.97659 | 0.17562 | 7.4511621 | 1 |
| 87 | 0.00021 | 146.10226 | 0.96382 | 0.14427 | 7.457312 | 1 |
| 88 | 0.00025 | 132.59282 | 0.96226 | 0.15246 | 7.3617789 | 1 |
| 89 | 0.00024 | 103.27452 | 0.97276 | 0.16488 | 7.4085554 | 1 |
| 90 | 0.00039 | 84.253765 | 0.97419 | 0.24152 | 7.3447099 | 1 |
| 91 | 0.0002 | 191.11362 | 0.96257 | 0.15828 | 7.6070623 | 1 |
| 92 | 0.00026 | 184.78506 | 0.95872 | 0.13852 | 7.5139758 | 1 |
| 93 | 0.00023 | 130.26583 | 0.97338 | 0.16115 | 7.569688 | 1 |
| 94 | 0.0003 | 132.35452 | 0.96896 | 0.16669 | 7.475419 | 1 |
| 95 | 0.0003 | 162.10953 | 0.96911 | 0.15024 | 7.6105526 | 1 |
| 96 | 0.00025 | 182.69417 | 0.96774 | 0.14025 | 7.6640803 | 1 |
| 97 | 0.00026 | 151.37763 | 0.96602 | 0.15087 | 7.5073768 | 1 |
| 98 | 0.00029 | 190.58732 | 0.95635 | 0.1602 | 7.4912673 | 1 |
| 99 | 0.0003 | 119.32401 | 0.97069 | 0.1856 | 7.4543807 | 1 |
| 100 | 0.00033 | 113.63544 | 0.97362 | 0.1766 | 7.481079 | 1 |
| 101 | 0.00031 | 112.03484 | 0.96646 | 0.18832 | 7.32791 | 2 |
| 102 | 0.00029 | 142.52484 | 0.95815 | 0.15046 | 7.3101129 | 2 |
| 103 | 0.00023 | 124.59346 | 0.96919 | 0.17437 | 7.457293 | 2 |
| 104 | 0.0005 | 72.228389 | 0.96787 | 0.23474 | 7.0594143 | 2 |
| 105 | 0.00045 | 62.166699 | 0.97478 | 0.23875 | 7.156952 | 2 |
| 106 | 0.00035 | 80.211795 | 0.96946 | 0.18795 | 7.1892278 | 2 |
| 107 | 0.0005 | 68.085491 | 0.96955 | 0.22709 | 7.0563751 | 2 |
| 108 | 0.00068 | 30.905517 | 0.98306 | 0.27895 | 6.925984 | 2 |
| 109 | 0.0005 | 52.983692 | 0.97413 | 0.23715 | 7.011609 | 2 |
| 110 | 0.0004 | 72.444271 | 0.97392 | 0.22275 | 7.2342473 | 2 |
| 111 | 0.00023 | 130.1695 | 0.95833 | 0.14383 | 7.3333805 | 2 |
| 112 | 0.00036 | 91.198742 | 0.96621 | 0.18948 | 7.16789 | 2 |
| 113 | 0.00031 | 112.33263 | 0.96693 | 0.18847 | 7.3404065 | 2 |
| 114 | 0.0004 | 116.61218 | 0.95216 | 0.17228 | 7.0832846 | 2 |
| 115 | 0.00031 | 92.150319 | 0.96746 | 0.18497 | 7.2391378 | 2 |
| 116 | 0.00031 | 92.970293 | 0.96767 | 0.19273 | 7.2516265 | 2 |
| 117 | 0.00038 | 62.868785 | 0.97728 | 0.20594 | 7.2274051 | 2 |
| 118 | 0.0003 | 111.44487 | 0.96726 | 0.1639 | 7.2964791 | 2 |
| 119 | 0.0003 | 97.326104 | 0.96765 | 0.18529 | 7.2812125 | 2 |
| 120 | 0.00028 | 104.98884 | 0.96801 | 0.18667 | 7.3461533 | 2 |

Hak Cipta Dilindungi Undang-undang

Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :

a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah

b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

IPB University

Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 121 | 0.00024 | 110.14082 | 0.96774 | 0.16741 | 7.3864385 | 2 |
| 122 | 0.00027 | 152.78768 | 0.9678 | 0.14688 | 7.5583725 | 2 |
| 123 | 0.00032 | 84.515276 | 0.97191 | 0.19631 | 7.282099 | 2 |
| 124 | 0.00022 | 150.69004 | 0.96266 | 0.14472 | 7.4581441 | 2 |
| 125 | 0.00039 | 57.689145 | 0.97924 | 0.21782 | 7.2314613 | 2 |
| 126 | 0.00035 | 70.088187 | 0.97812 | 0.21436 | 7.3390243 | 2 |
| 127 | 0.00037 | 86.733094 | 0.97007 | 0.20334 | 7.2308305 | 2 |
| 128 | 0.00033 | 98.774375 | 0.967 | 0.18672 | 7.2649555 | 2 |
| 129 | 0.00027 | 114.98862 | 0.96832 | 0.16944 | 7.3742163 | 2 |
| 130 | 0.00043 | 68.083175 | 0.97078 | 0.20864 | 7.0952955 | 2 |
| 131 | 0.0005 | 65.395728 | 0.9685 | 0.2193 | 7.0015483 | 2 |
| 132 | 0.00036 | 109.60364 | 0.9652 | 0.19912 | 7.278417 | 2 |
| 133 | 0.00029 | 171.13548 | 0.9691 | 0.13983 | 7.6152729 | 2 |
| 134 | 0.00028 | 101.85249 | 0.9765 | 0.18442 | 7.4965881 | 2 |
| 135 | 0.00024 | 136.20818 | 0.96742 | 0.1678 | 7.4610031 | 2 |
| 136 | 0.00028 | 90.508436 | 0.97819 | 0.18013 | 7.4275694 | 2 |
| 137 | 0.0004 | 100.36601 | 0.96659 | 0.21213 | 7.239124 | 2 |
| 138 | 0.00034 | 195.14627 | 0.95752 | 0.13748 | 7.5280918 | 2 |
| 139 | 0.00034 | 82.501923 | 0.97753 | 0.22868 | 7.4333797 | 2 |
| 140 | 0.00032 | 178.29407 | 0.96332 | 0.14645 | 7.5755413 | 2 |
| 141 | 0.00023 | 123.21008 | 0.96973 | 0.15796 | 7.4841462 | 2 |
| 142 | 0.00019 | 150.39228 | 0.9662 | 0.14485 | 7.5397854 | 2 |
| 143 | 0.00038 | 109.13978 | 0.96597 | 0.21431 | 7.2754519 | 2 |
| 144 | 0.00041 | 69.46822 | 0.97906 | 0.24729 | 7.3505878 | 2 |
| 145 | 0.00031 | 146.81383 | 0.95103 | 0.16464 | 7.2476888 | 2 |
| 146 | 0.00033 | 93.280445 | 0.97059 | 0.19798 | 7.3016686 | 2 |
| 147 | 0.00021 | 119.34595 | 0.9664 | 0.14628 | 7.4166259 | 2 |
| 148 | 0.00025 | 96.697853 | 0.97052 | 0.16337 | 7.3699391 | 2 |
| 149 | 0.00029 | 77.180539 | 0.97661 | 0.18938 | 7.3729895 | 2 |
| 150 | 0.00039 | 55.750239 | 0.97938 | 0.21053 | 7.2141217 | 2 |
| 151 | 0.00026 | 168.48131 | 0.96087 | 0.15148 | 7.4693707 | 2 |
| 152 | 0.00028 | 82.783188 | 0.97705 | 0.18605 | 7.4182338 | 2 |
| 153 | 0.00043 | 61.305581 | 0.97698 | 0.22537 | 7.1746678 | 2 |
| 154 | 0.00031 | 87.495055 | 0.9733 | 0.18626 | 7.3386794 | 2 |
| 155 | 0.00032 | 65.674273 | 0.98011 | 0.20622 | 7.3561073 | 2 |
| 156 | 0.00021 | 113.65499 | 0.97302 | 0.1664 | 7.5336828 | 2 |
| 157 | 0.00033 | 97.916938 | 0.97091 | 0.20834 | 7.3479879 | 2 |
| 158 | 0.00041 | 97.212903 | 0.95639 | 0.20103 | 7.0443264 | 2 |
| 159 | 0.00037 | 94.799946 | 0.96966 | 0.20652 | 7.3027538 | 2 |
| 160 | 0.0004 | 92.455362 | 0.96194 | 0.19294 | 7.082705 | 2 |

Hak Cipta Dilindungi Undang-undang

IPB University

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 161 | 0.00037 | 46.88859 | 0.98587 | 0.22585 | 7.3570793 | 2 |
| 162 | 0.00053 | 48.411617 | 0.9824 | 0.2572 | 7.1983165 | 2 |
| 163 | 0.00023 | 133.57579 | 0.97338 | 0.17019 | 7.5789979 | 2 |
| 164 | 0.00033 | 89.479578 | 0.97143 | 0.19789 | 7.2923101 | 2 |
| 165 | 0.00039 | 88.269212 | 0.97159 | 0.2204 | 7.2901416 | 2 |
| 166 | 0.00035 | 71.672843 | 0.97864 | 0.21267 | 7.3307682 | 2 |
| 167 | 0.00027 | 122.43948 | 0.96816 | 0.16781 | 7.4163594 | 2 |
| 168 | 0.00031 | 87.914007 | 0.97227 | 0.18377 | 7.3140438 | 2 |
| 169 | 0.0003 | 73.99684 | 0.98382 | 0.21172 | 7.543074 | 2 |
| 170 | 0.0003 | 80.262979 | 0.98046 | 0.21141 | 7.4780809 | 2 |
| 171 | 0.00027 | 96.92221 | 0.97918 | 0.17994 | 7.5333285 | 2 |
| 172 | 0.00037 | 77.764975 | 0.97134 | 0.20138 | 7.195463 | 2 |
| 173 | 0.00029 | 118.92705 | 0.96282 | 0.16819 | 7.2999082 | 2 |
| 174 | 0.00021 | 132.92727 | 0.97317 | 0.15679 | 7.569101 | 2 |
| 175 | 0.00034 | 94.940416 | 0.96471 | 0.19367 | 7.1910374 | 2 |
| 176 | 0.00041 | 74.971596 | 0.97142 | 0.21854 | 7.1694252 | 2 |
| 177 | 0.00039 | 68.899663 | 0.97296 | 0.20675 | 7.1536425 | 2 |
| 178 | 0.00049 | 46.809741 | 0.98016 | 0.23232 | 7.0867927 | 2 |
| 179 | 0.00039 | 85.137142 | 0.96946 | 0.21291 | 7.2040656 | 2 |
| 180 | 0.00029 | 93.910461 | 0.96722 | 0.16798 | 7.2464707 | 2 |
| 181 | 0.00027 | 107.69675 | 0.96297 | 0.16228 | 7.2506331 | 2 |
| 182 | 0.00046 | 46.658144 | 0.98111 | 0.23374 | 7.1329669 | 2 |
| 183 | 0.00052 | 45.013931 | 0.98033 | 0.24877 | 7.0888605 | 2 |
| 184 | 0.00041 | 87.488932 | 0.97293 | 0.25324 | 7.3244345 | 2 |
| 185 | 0.00047 | 54.571273 | 0.97664 | 0.23621 | 7.0986465 | 2 |
| 186 | 0.00029 | 131.96232 | 0.96782 | 0.1849 | 7.4293564 | 2 |
| 187 | 0.00034 | 86.326893 | 0.97974 | 0.21525 | 7.4574797 | 2 |
| 188 | 0.00028 | 105.31633 | 0.98005 | 0.19606 | 7.5861474 | 2 |
| 189 | 0.00038 | 82.367377 | 0.97139 | 0.21491 | 7.2445168 | 2 |
| 190 | 0.00043 | 64.149046 | 0.97416 | 0.22041 | 7.1302524 | 2 |
| 191 | 0.00039 | 90.163567 | 0.96625 | 0.21652 | 7.1943294 | 2 |
| 192 | 0.00045 | 66.368786 | 0.97177 | 0.22455 | 7.0959579 | 2 |
| 193 | 0.00041 | 86.785769 | 0.96807 | 0.22913 | 7.2101771 | 2 |
| 194 | 0.00033 | 103.65378 | 0.96646 | 0.19476 | 7.2858092 | 2 |
| 195 | 0.00035 | 87.676804 | 0.9721 | 0.20984 | 7.3129634 | 2 |
| 196 | 0.00031 | 100.60193 | 0.96738 | 0.19587 | 7.2996692 | 2 |
| 197 | 0.00032 | 100.56813 | 0.96775 | 0.17809 | 7.2748388 | 2 |
| 198 | 0.00044 | 53.854034 | 0.9815 | 0.23181 | 7.2376152 | 2 |
| 199 | 0.00022 | 147.35362 | 0.96407 | 0.15116 | 7.4743863 | 2 |
| 200 | 0.00024 | 119.65417 | 0.9709 | 0.18087 | 7.4765039 | 2 |

Hak Cipta Dilindungi Undang-undang

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2. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 201 | 0.00091 | 38.154004 | 0.97233 | 0.2598 | 6.6616471 | 3 |
| 202 | 0.00149 | 14.063927 | 0.98528 | 0.39403 | 6.4261332 | 3 |
| 203 | 0.0006 | 27.582442 | 0.9926 | 0.31619 | 7.3951362 | 3 |
| 204 | 0.00111 | 19.466602 | 0.97971 | 0.31385 | 6.4295899 | 3 |
| 205 | 0.00131 | 15.871589 | 0.98327 | 0.35248 | 6.4253941 | 3 |
| 206 | 0.00122 | 20.071316 | 0.97824 | 0.32528 | 6.393598 | 3 |
| 207 | 0.00109 | 22.489141 | 0.97775 | 0.30573 | 6.4592142 | 3 |
| 208 | 0.00081 | 26.55174 | 0.98328 | 0.29328 | 6.7703397 | 3 |
| 209 | 0.00087 | 23.125115 | 0.98371 | 0.30539 | 6.6995658 | 3 |
| 210 | 0.00093 | 27.051336 | 0.9808 | 0.3219 | 6.7002364 | 3 |
| 211 | 0.00088 | 24.221244 | 0.98392 | 0.29666 | 6.716636 | 3 |
| 212 | 0.00093 | 20.50465 | 0.9864 | 0.3226 | 6.7450625 | 3 |
| 213 | 0.00095 | 32.333206 | 0.96995 | 0.26849 | 6.4892127 | 3 |
| 214 | 0.00045 | 50.25865 | 0.98974 | 0.24498 | 7.5279272 | 3 |
| 215 | 0.00136 | 10.448307 | 0.99152 | 0.38409 | 6.6140318 | 3 |
| 216 | 0.00107 | 16.150646 | 0.98811 | 0.34221 | 6.6785729 | 3 |
| 217 | 0.00126 | 21.647643 | 0.98353 | 0.37467 | 6.6474462 | 3 |
| 218 | 0.00081 | 18.692071 | 0.9903 | 0.30717 | 6.8787742 | 3 |
| 219 | 0.00053 | 45.245463 | 0.99131 | 0.26253 | 7.5680656 | 3 |
| 220 | 0.00099 | 24.804921 | 0.98301 | 0.32506 | 6.7135862 | 3 |
| 221 | 0.00053 | 48.956569 | 0.98369 | 0.23924 | 7.2149421 | 3 |
| 222 | 0.0007 | 53.226499 | 0.97614 | 0.24573 | 7.0101589 | 3 |
| 223 | 0.00064 | 35.692249 | 0.98667 | 0.29529 | 7.1528688 | 3 |
| 224 | 0.00094 | 24.141763 | 0.98893 | 0.31701 | 6.9568793 | 3 |
| 225 | 0.0005 | 46.869854 | 0.99069 | 0.25864 | 7.5096768 | 3 |
| 226 | 0.00062 | 59.329128 | 0.96936 | 0.25898 | 6.9203001 | 3 |
| 227 | 0.00052 | 66.705041 | 0.98624 | 0.22562 | 7.4743759 | 3 |
| 228 | 0.00068 | 67.46277 | 0.98546 | 0.21912 | 7.3867494 | 3 |
| 229 | 0.00085 | 41.710054 | 0.99299 | 0.27079 | 7.5624842 | 3 |
| 230 | 0.0009 | 21.608732 | 0.98765 | 0.32254 | 6.8105323 | 3 |
| 231 | 0.00072 | 24.46973 | 0.99425 | 0.37597 | 7.4215465 | 3 |
| 232 | 0.00111 | 20.422672 | 0.98899 | 0.34921 | 6.869252 | 3 |
| 233 | 0.00076 | 37.72566 | 0.98329 | 0.26592 | 7.0170897 | 3 |
| 234 | 0.00095 | 36.907461 | 0.9804 | 0.30397 | 6.8666517 | 3 |
| 235 | 0.00061 | 57.263512 | 0.9779 | 0.22361 | 7.1057166 | 3 |
| 236 | 0.00084 | 38.928681 | 0.98193 | 0.2696 | 6.9727646 | 3 |
| 237 | 0.00085 | 40.501747 | 0.98174 | 0.26202 | 6.9873498 | 3 |
| 238 | 0.00101 | 29.920982 | 0.98316 | 0.33606 | 6.82741 | 3 |
| 239 | 0.00096 | 30.854877 | 0.9763 | 0.3099 | 6.6463808 | 3 |
| 240 | 0.00052 | 29.623203 | 0.99376 | 0.31513 | 7.4662195 | 3 |

Hak Cipta Dilindungi Undang-undang

IPB University

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2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 241 | 0.00083 | 27.907476 | 0.98261 | 0.28596 | 6.7555523 | 3 |
| 242 | 0.00061 | 28.446125 | 0.99214 | 0.2944 | 7.2979061 | 3 |
| 243 | 0.00078 | 25.542217 | 0.98736 | 0.29969 | 6.9216972 | 3 |
| 244 | 0.00103 | 24.435794 | 0.98407 | 0.3281 | 6.7052219 | 3 |
| 245 | 0.00137 | 17.533089 | 0.98771 | 0.38293 | 6.6534906 | 3 |
| 246 | 0.00061 | 38.885776 | 0.98646 | 0.2525 | 7.155907 | 3 |
| 247 | 0.00093 | 25.583317 | 0.98613 | 0.31748 | 6.8300758 | 3 |
| 248 | 0.00049 | 36.954908 | 0.98778 | 0.27012 | 7.2628651 | 3 |
| 249 | 0.0008 | 34.45614 | 0.99283 | 0.32936 | 7.3806337 | 3 |
| 250 | 0.00063 | 41.168917 | 0.97826 | 0.26879 | 6.9157632 | 3 |
| 251 | 0.00059 | 57.257934 | 0.98043 | 0.22962 | 7.180586 | 3 |
| 252 | 0.00068 | 50.237565 | 0.9728 | 0.26377 | 6.886635 | 3 |
| 253 | 0.00093 | 24.163413 | 0.987 | 0.32526 | 6.8653939 | 3 |
| 254 | 0.00119 | 16.864484 | 0.98787 | 0.39172 | 6.7159796 | 3 |
| 255 | 0.00102 | 32.313951 | 0.97867 | 0.28479 | 6.6728242 | 3 |
| 256 | 0.00083 | 32.41005 | 0.98348 | 0.28393 | 6.8797629 | 3 |
| 257 | 0.0009 | 42.649955 | 0.9731 | 0.29847 | 6.7659436 | 3 |
| 258 | 0.00082 | 23.810417 | 0.98782 | 0.33233 | 6.9512097 | 3 |
| 259 | 0.00069 | 33.2974 | 0.98628 | 0.31096 | 7.1096559 | 3 |
| 260 | 0.00084 | 35.280499 | 0.98654 | 0.35148 | 7.1413323 | 3 |
| 261 | 0.00059 | 38.092328 | 0.98586 | 0.29668 | 7.1856364 | 3 |
| 262 | 0.00061 | 35.101756 | 0.9896 | 0.30726 | 7.3260292 | 3 |
| 263 | 0.00147 | 12.241697 | 0.9904 | 0.41096 | 6.6181658 | 3 |
| 264 | 0.00092 | 34.343455 | 0.98302 | 0.28723 | 6.8829566 | 3 |
| 265 | 0.00055 | 45.591701 | 0.98206 | 0.24825 | 7.0873008 | 3 |
| 266 | 0.00118 | 14.530186 | 0.99266 | 0.35473 | 6.7894156 | 3 |
| 267 | 0.00088 | 19.030337 | 0.99239 | 0.32957 | 6.9385819 | 3 |
| 268 | 0.00085 | 35.120232 | 0.97962 | 0.30764 | 6.8426585 | 3 |
| 269 | 0.00106 | 16.679965 | 0.98918 | 0.34995 | 6.7490504 | 3 |
| 270 | 0.00113 | 14.530008 | 0.9938 | 0.381 | 6.9180207 | 3 |
| 271 | 0.00103 | 20.180982 | 0.98575 | 0.3348 | 6.6995175 | 3 |
| 272 | 0.00183 | 9.0427844 | 0.99241 | 0.42281 | 6.4626826 | 3 |
| 273 | 0.00138 | 12.001975 | 0.98931 | 0.35287 | 6.4758424 | 3 |
| 274 | 0.0007 | 30.955323 | 0.98106 | 0.26396 | 6.7851703 | 3 |
| 275 | 0.00059 | 60.399532 | 0.96942 | 0.22048 | 6.942712 | 3 |
| 276 | 0.0007 | 47.630642 | 0.9735 | 0.24144 | 6.8689368 | 3 |
| 277 | 0.00047 | 51.465462 | 0.98104 | 0.23562 | 7.1711315 | 3 |
| 278 | 0.00066 | 26.066652 | 0.99428 | 0.34539 | 7.4082711 | 3 |
| 279 | 0.00053 | 39.889147 | 0.9913 | 0.26127 | 7.4729971 | 3 |
| 280 | 0.00079 | 48.566263 | 0.97016 | 0.25396 | 6.7775723 | 3 |

Hak Cipta Dilindungi Undang-undang

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Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 281 | 0.00081 | 41.502976 | 0.97337 | 0.28594 | 6.7570023 | 3 |
| 282 | 0.00075 | 47.145344 | 0.97035 | 0.26511 | 6.7678554 | 3 |
| 283 | 0.00064 | 49.102906 | 0.97209 | 0.2367 | 6.843638 | 3 |
| 284 | 0.00086 | 42.301492 | 0.97566 | 0.29705 | 6.8177957 | 3 |
| 285 | 0.00074 | 39.990988 | 0.97678 | 0.28379 | 6.8350325 | 3 |
| 286 | 0.00069 | 45.145552 | 0.97867 | 0.27386 | 6.9413076 | 3 |
| 287 | 0.00066 | 50.181929 | 0.97676 | 0.24802 | 6.9913006 | 3 |
| 288 | 0.00058 | 48.157281 | 0.97932 | 0.24197 | 7.0422465 | 3 |
| 289 | 0.00058 | 41.500384 | 0.98726 | 0.28387 | 7.2674298 | 3 |
| 290 | 0.00064 | 47.067101 | 0.97585 | 0.26057 | 6.9155923 | 3 |
| 291 | 0.00049 | 59.394884 | 0.98174 | 0.23601 | 7.2781478 | 3 |
| 292 | 0.00066 | 50.133847 | 0.98103 | 0.24691 | 7.0610114 | 3 |
| 293 | 0.00051 | 53.028208 | 0.98221 | 0.25277 | 7.2223192 | 3 |
| 294 | 0.00049 | 61.661702 | 0.97957 | 0.24487 | 7.2346714 | 3 |
| 295 | 0.00066 | 47.715638 | 0.98236 | 0.3157 | 7.1505426 | 3 |
| 296 | 0.00077 | 31.538678 | 0.98547 | 0.30106 | 6.9801278 | 3 |
| 297 | 0.00077 | 25.503046 | 0.99035 | 0.34117 | 7.1395181 | 3 |
| 298 | 0.00105 | 15.902203 | 0.99452 | 0.35815 | 7.0298674 | 3 |
| 299 | 0.00094 | 26.688186 | 0.98671 | 0.35258 | 6.9584194 | 3 |
| 300 | 0.00055 | 33.171217 | 0.99265 | 0.2962 | 7.4635589 | 3 |
| 301 | 0.00168 | 102.14067 | 0.96383 | 0.19901 | 7.0176379 | 4 |
| 302 | 0.00131 | 55.514297 | 0.98279 | 0.3095 | 7.1853353 | 4 |
| 303 | 0.00254 | 64.087782 | 0.97721 | 0.28007 | 7.0174292 | 4 |
| 304 | 0.00198 | 77.017929 | 0.97931 | 0.24715 | 7.239166 | 4 |
| 305 | 0.00205 | 50.83555 | 0.98657 | 0.292 | 7.2501582 | 4 |
| 306 | 0.00137 | 64.74159 | 0.98295 | 0.25126 | 7.2716632 | 4 |
| 307 | 0.00164 | 69.620085 | 0.98338 | 0.23678 | 7.3095249 | 4 |
| 308 | 0.00096 | 70.838929 | 0.98498 | 0.24109 | 7.4931861 | 4 |
| 309 | 0.002 | 103.32452 | 0.9772 | 0.21209 | 7.3591985 | 4 |
| 310 | 0.00203 | 62.980456 | 0.97861 | 0.24587 | 7.059234 | 4 |
| 311 | 0.00245 | 58.038011 | 0.97876 | 0.27214 | 6.9852802 | 4 |
| 312 | 0.00185 | 52.142416 | 0.97764 | 0.29411 | 6.9158052 | 4 |
| 313 | 0.00203 | 83.662126 | 0.97216 | 0.23349 | 7.0419326 | 4 |
| 314 | 0.00197 | 33.814491 | 0.98699 | 0.31054 | 6.9677234 | 4 |
| 315 | 0.00084 | 55.999504 | 0.98527 | 0.29742 | 7.3498062 | 4 |
| 316 | 0.00212 | 39.697257 | 0.98382 | 0.30499 | 6.9365623 | 4 |
| 317 | 0.00228 | 42.707976 | 0.98419 | 0.28277 | 7.0013037 | 4 |
| 318 | 0.00128 | 31.442588 | 0.98368 | 0.29937 | 6.8464907 | 4 |
| 319 | 0.00222 | 20.005894 | 0.98553 | 0.36051 | 6.5441288 | 4 |
| 320 | 0.00237 | 20.893242 | 0.98597 | 0.34232 | 6.5995421 | 4 |

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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 321 | 0.0019 | 39.762581 | 0.98395 | 0.29443 | 6.9067523 | 4 |
| 322 | 0.00206 | 13.044331 | 0.99089 | 0.3856 | 6.6092493 | 4 |
| 323 | 0.00114 | 37.071023 | 0.9812 | 0.31051 | 6.8279804 | 4 |
| 324 | 0.00248 | 60.372024 | 0.9821 | 0.2883 | 7.1671354 | 4 |
| 325 | 0.00202 | 18.97617 | 0.98874 | 0.37559 | 6.7253643 | 4 |
| 326 | 0.00194 | 27.205908 | 0.98398 | 0.38496 | 6.7471799 | 4 |
| 327 | 0.00234 | 13.507029 | 0.99095 | 0.43222 | 6.6380453 | 4 |
| 328 | 0.0014 | 46.968541 | 0.9855 | 0.31672 | 7.1660697 | 4 |
| 329 | 0.00155 | 69.556993 | 0.98192 | 0.2682 | 7.2658175 | 4 |
| 330 | 0.00103 | 72.63566 | 0.98221 | 0.23472 | 7.3551231 | 4 |
| 331 | 0.00112 | 55.4398 | 0.98536 | 0.27509 | 7.3256532 | 4 |
| 332 | 0.00172 | 70.46481 | 0.98178 | 0.23367 | 7.2538662 | 4 |
| 333 | 0.00125 | 53.126789 | 0.98126 | 0.27188 | 7.0862075 | 4 |
| 334 | 0.00223 | 86.994495 | 0.97854 | 0.22349 | 7.2452363 | 4 |
| 335 | 0.00234 | 53.023327 | 0.98151 | 0.2958 | 7.0293678 | 4 |
| 336 | 0.00143 | 53.185828 | 0.97292 | 0.30051 | 6.8476998 | 4 |
| 337 | 0.00116 | 52.000415 | 0.9807 | 0.2916 | 7.0356221 | 4 |
| 338 | 0.00115 | 52.553846 | 0.9807 | 0.25559 | 7.0599851 | 4 |
| 339 | 0.00113 | 76.80284 | 0.9774 | 0.21012 | 7.1947761 | 4 |
| 340 | 0.00134 | 47.150611 | 0.97983 | 0.3239 | 6.9762577 | 4 |
| 341 | 0.00139 | 37.01382 | 0.98439 | 0.29078 | 6.9374067 | 4 |
| 342 | 0.00139 | 27.033019 | 0.988 | 0.33738 | 6.9620567 | 4 |
| 343 | 0.00184 | 52.706239 | 0.97973 | 0.29736 | 6.9872124 | 4 |
| 344 | 0.00139 | 58.071173 | 0.9733 | 0.2827 | 6.9208982 | 4 |
| 345 | 0.00182 | 52.298119 | 0.97439 | 0.29198 | 6.8622529 | 4 |
| 346 | 0.00245 | 44.883439 | 0.98158 | 0.28195 | 6.8900411 | 4 |
| 347 | 0.00135 | 58.157581 | 0.97627 | 0.27124 | 6.9954522 | 4 |
| 348 | 0.00188 | 93.281786 | 0.97027 | 0.21111 | 7.1250148 | 4 |
| 349 | 0.00136 | 62.965171 | 0.97754 | 0.24582 | 7.064651 | 4 |
| 350 | 0.00139 | 77.433931 | 0.97374 | 0.23781 | 7.0898787 | 4 |
| 351 | 0.00125 | 92.120242 | 0.96886 | 0.21435 | 7.1337851 | 4 |
| 352 | 0.00132 | 95.737293 | 0.96792 | 0.22249 | 7.1322171 | 4 |
| 353 | 0.00136 | 57.602432 | 0.98339 | 0.32667 | 7.2095507 | 4 |
| 354 | 0.0014 | 88.012031 | 0.9748 | 0.26782 | 7.1957214 | 4 |
| 355 | 0.00112 | 53.866387 | 0.98802 | 0.26328 | 7.3768592 | 4 |
| 356 | 0.00267 | 80.278585 | 0.96787 | 0.25111 | 6.9127931 | 4 |
| 357 | 0.0022 | 42.39107 | 0.98625 | 0.29596 | 7.093994 | 4 |
| 358 | 0.00281 | 77.449154 | 0.96995 | 0.26066 | 6.9274111 | 4 |
| 359 | 0.00163 | 84.072481 | 0.96978 | 0.27189 | 7.0614261 | 4 |
| 360 | 0.00142 | 111.75782 | 0.96646 | 0.22975 | 7.1628864 | 4 |

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2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 361 | 0.00197 | 66.379912 | 0.97306 | 0.2585 | 6.9442708 | 4 |
| 362 | 0.00202 | 68.072367 | 0.97225 | 0.24431 | 6.9165144 | 4 |
| 363 | 0.00231 | 51.739914 | 0.97877 | 0.28933 | 6.8962402 | 4 |
| 364 | 0.00301 | 70.221972 | 0.96742 | 0.26553 | 6.808226 | 4 |
| 365 | 0.00261 | 74.353789 | 0.96539 | 0.26333 | 6.8064658 | 4 |
| 366 | 0.00303 | 86.82492 | 0.96325 | 0.2456 | 6.8524712 | 4 |
| 367 | 0.00209 | 73.23182 | 0.97226 | 0.23037 | 6.9697004 | 4 |
| 368 | 0.00288 | 69.087812 | 0.9771 | 0.25692 | 7.0481993 | 4 |
| 369 | 0.00293 | 77.524779 | 0.97188 | 0.23796 | 6.9725171 | 4 |
| 370 | 0.00182 | 85.602891 | 0.97124 | 0.23761 | 7.0868974 | 4 |
| 371 | 0.00221 | 52.332609 | 0.97646 | 0.27047 | 6.8650304 | 4 |
| 372 | 0.00228 | 26.031559 | 0.989 | 0.33189 | 6.9420544 | 4 |
| 373 | 0.0018 | 31.501559 | 0.98925 | 0.32865 | 7.0908322 | 4 |
| 374 | 0.00121 | 81.690688 | 0.9853 | 0.2395 | 7.5462094 | 4 |
| 375 | 0.00303 | 74.478486 | 0.96847 | 0.24424 | 6.884853 | 4 |
| 376 | 0.00235 | 54.994254 | 0.96833 | 0.27351 | 6.7035772 | 4 |
| 377 | 0.00338 | 113.60733 | 0.95954 | 0.22906 | 6.9719497 | 4 |
| 378 | 0.00306 | 110.90412 | 0.96461 | 0.22518 | 7.066257 | 4 |
| 379 | 0.0019 | 49.497733 | 0.98049 | 0.25379 | 6.9714657 | 4 |
| 380 | 0.00167 | 47.663196 | 0.9737 | 0.29978 | 6.774151 | 4 |
| 381 | 0.00152 | 60.654453 | 0.97316 | 0.26995 | 6.9465786 | 4 |
| 382 | 0.00245 | 49.91888 | 0.97649 | 0.30436 | 6.8105751 | 4 |
| 383 | 0.00107 | 62.067021 | 0.97527 | 0.24343 | 7.0545816 | 4 |
| 384 | 0.00133 | 80.689328 | 0.96991 | 0.23732 | 7.0697162 | 4 |
| 385 | 0.00099 | 46.513887 | 0.98551 | 0.36742 | 7.2649589 | 4 |
| 386 | 0.00079 | 60.233074 | 0.98433 | 0.30347 | 7.3776389 | 4 |
| 387 | 0.00182 | 52.298119 | 0.97439 | 0.29198 | 6.8622529 | 4 |
| 388 | 0.00166 | 59.93021 | 0.97157 | 0.26386 | 6.8859726 | 4 |
| 389 | 0.00173 | 58.389189 | 0.9724 | 0.2709 | 6.8896277 | 4 |
| 390 | 0.00123 | 62.104183 | 0.98011 | 0.28676 | 7.178383 | 4 |
| 391 | 0.00197 | 69.91413 | 0.97124 | 0.24297 | 6.9533112 | 4 |
| 392 | 0.00187 | 35.425569 | 0.98091 | 0.35581 | 6.8147993 | 4 |
| 393 | 0.00099 | 33.854334 | 0.98878 | 0.33673 | 7.1588639 | 4 |
| 394 | 0.00124 | 50.232417 | 0.98192 | 0.25813 | 7.0359598 | 4 |
| 395 | 0.00131 | 77.116115 | 0.97412 | 0.21996 | 7.1458337 | 4 |
| 396 | 0.0014 | 50.38229 | 0.97742 | 0.32028 | 6.9683535 | 4 |
| 397 | 0.00154 | 50.261853 | 0.9802 | 0.30608 | 7.0349951 | 4 |
| 398 | 0.00153 | 21.352734 | 0.99379 | 0.33864 | 7.2245346 | 4 |
| 399 | 0.00226 | 69.276931 | 0.98103 | 0.25325 | 7.2261742 | 4 |
| 400 | 0.00134 | 92.696874 | 0.98176 | 0.20944 | 7.4964991 | 4 |

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 2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 401 | 0.00124 | 16.579214 | 0.98708 | 0.36494 | 6.6487714 | 5 |
| 402 | 0.00105 | 18.769046 | 0.98666 | 0.32524 | 6.6851573 | 5 |
| 403 | 0.00134 | 16.717036 | 0.9813 | 0.34009 | 6.3801969 | 5 |
| 404 | 0.00129 | 13.324879 | 0.98893 | 0.37246 | 6.5901606 | 5 |
| 405 | 0.00171 | 11.136016 | 0.98713 | 0.39906 | 6.3555071 | 5 |
| 406 | 0.0009 | 24.139065 | 0.98282 | 0.29381 | 6.6871503 | 5 |
| 407 | 0.0009 | 20.239423 | 0.98711 | 0.31964 | 6.8003767 | 5 |
| 408 | 0.00171 | 12.115397 | 0.98623 | 0.39844 | 6.3657787 | 5 |
| 409 | 0.00086 | 20.11972 | 0.98877 | 0.31171 | 6.8844706 | 5 |
| 410 | 0.00097 | 19.498443 | 0.98797 | 0.31923 | 6.7844449 | 5 |
| 411 | 0.00109 | 16.617388 | 0.98916 | 0.34317 | 6.7527627 | 5 |
| 412 | 0.00146 | 16.36263 | 0.982 | 0.34087 | 6.3449056 | 5 |
| 413 | 0.00258 | 7.6778219 | 0.98543 | 0.43692 | 6.02248 | 5 |
| 414 | 0.00111 | 18.067933 | 0.98399 | 0.3267 | 6.5710342 | 5 |
| 415 | 0.00172 | 12.063839 | 0.98608 | 0.3983 | 6.356389 | 5 |
| 416 | 0.00112 | 17.813673 | 0.98769 | 0.35047 | 6.7203844 | 5 |
| 417 | 0.002 | 11.575347 | 0.9819 | 0.39464 | 6.14411 | 5 |
| 418 | 0.00166 | 15.339674 | 0.97608 | 0.34144 | 6.1419494 | 5 |
| 419 | 0.00159 | 15.516438 | 0.97663 | 0.3394 | 6.163837 | 5 |
| 420 | 0.00188 | 12.004525 | 0.9808 | 0.36785 | 6.1003292 | 5 |
| 421 | 0.00169 | 15.276598 | 0.9768 | 0.34099 | 6.125393 | 5 |
| 422 | 0.00159 | 14.603376 | 0.97921 | 0.34126 | 6.1923638 | 5 |
| 423 | 0.00158 | 14.926578 | 0.97841 | 0.33787 | 6.1737844 | 5 |
| 424 | 0.00255 | 9.4588045 | 0.97756 | 0.41142 | 5.8518735 | 5 |
| 425 | 0.0017 | 15.518557 | 0.9754 | 0.34152 | 6.0982304 | 5 |
| 426 | 0.00206 | 12.567806 | 0.97682 | 0.35333 | 5.9540939 | 5 |
| 427 | 0.00159 | 10.790786 | 0.98881 | 0.39654 | 6.4405713 | 5 |
| 428 | 0.00159 | 16.524307 | 0.97466 | 0.33776 | 6.1547589 | 5 |
| 429 | 0.00082 | 23.398584 | 0.98725 | 0.30422 | 6.9071966 | 5 |
| 430 | 0.00175 | 10.693203 | 0.98518 | 0.38868 | 6.2602727 | 5 |
| 431 | 0.00206 | 10.581725 | 0.98182 | 0.38931 | 6.0842659 | 5 |
| 432 | 0.00123 | 19.165446 | 0.97762 | 0.32145 | 6.3677377 | 5 |
| 433 | 0.00147 | 13.79262 | 0.98613 | 0.37742 | 6.4637316 | 5 |
| 434 | 0.00111 | 17.71375 | 0.98473 | 0.32266 | 6.5698338 | 5 |
| 435 | 0.00192 | 11.217149 | 0.97979 | 0.38545 | 6.0870539 | 5 |
| 436 | 0.00179 | 10.191502 | 0.98697 | 0.40266 | 6.3002059 | 5 |
| 437 | 0.00082 | 18.781898 | 0.99101 | 0.3294 | 7.0043909 | 5 |
| 438 | 0.00152 | 12.314651 | 0.98555 | 0.3835 | 6.3700578 | 5 |
| 439 | 0.00129 | 16.577205 | 0.98064 | 0.33758 | 6.3615515 | 5 |
| 440 | 0.00116 | 16.954092 | 0.98462 | 0.33948 | 6.5556164 | 5 |

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Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 441 | 0.00135 | 16.10088 | 0.98488 | 0.36389 | 6.5155425 | 5 |
| 442 | 0.00159 | 10.790786 | 0.98881 | 0.39654 | 6.4405713 | 5 |
| 443 | 0.00104 | 18.768901 | 0.98633 | 0.33573 | 6.6976468 | 5 |
| 444 | 0.00137 | 11.217307 | 0.98985 | 0.40133 | 6.5801628 | 5 |
| 445 | 0.00105 | 16.494705 | 0.98722 | 0.35077 | 6.6879183 | 5 |
| 446 | 0.00175 | 10.332843 | 0.9856 | 0.4071 | 6.2820744 | 5 |
| 447 | 0.0011 | 15.694115 | 0.98629 | 0.34217 | 6.5952829 | 5 |
| 448 | 0.00125 | 15.791537 | 0.9857 | 0.36128 | 6.5628034 | 5 |
| 449 | 0.00122 | 14.801473 | 0.98891 | 0.38007 | 6.7073625 | 5 |
| 450 | 0.00133 | 14.601446 | 0.98511 | 0.36805 | 6.4580868 | 5 |
| 451 | 0.00114 | 19.193449 | 0.98632 | 0.3509 | 6.7166021 | 5 |
| 452 | 0.00132 | 14.481555 | 0.98537 | 0.36397 | 6.4647185 | 5 |
| 453 | 0.0017 | 12.917138 | 0.98419 | 0.39355 | 6.3153648 | 5 |
| 454 | 0.00131 | 16.278349 | 0.98185 | 0.34605 | 6.3928316 | 5 |
| 455 | 0.00133 | 17.230637 | 0.98173 | 0.35499 | 6.4442978 | 5 |
| 456 | 0.00157 | 12.964343 | 0.98496 | 0.37086 | 6.359003 | 5 |
| 457 | 0.00149 | 15.16175 | 0.97496 | 0.34689 | 6.1608704 | 5 |
| 458 | 0.00142 | 14.546018 | 0.98497 | 0.37684 | 6.4369258 | 5 |
| 459 | 0.00146 | 14.966966 | 0.98461 | 0.38402 | 6.4288714 | 5 |
| 460 | 0.00131 | 12.936888 | 0.99058 | 0.37505 | 6.6502003 | 5 |
| 461 | 0.00152 | 15.393548 | 0.98217 | 0.37304 | 6.333304 | 5 |
| 462 | 0.001 | 17.014688 | 0.98916 | 0.34947 | 6.8229476 | 5 |
| 463 | 0.0015 | 14.338054 | 0.98354 | 0.36138 | 6.3262016 | 5 |
| 464 | 0.00095 | 20.249247 | 0.98594 | 0.31609 | 6.7019375 | 5 |
| 465 | 0.00153 | 15.062367 | 0.98543 | 0.38959 | 6.4899532 | 5 |
| 466 | 0.00117 | 19.17565 | 0.98127 | 0.33095 | 6.4715043 | 5 |
| 467 | 0.00113 | 19.2189 | 0.98035 | 0.32542 | 6.4739176 | 5 |
| 468 | 0.00165 | 11.71936 | 0.98687 | 0.394 | 6.3953106 | 5 |
| 469 | 0.0019 | 11.032609 | 0.98573 | 0.40436 | 6.2818378 | 5 |
| 470 | 0.00098 | 17.584593 | 0.98928 | 0.35218 | 6.8312244 | 5 |
| 471 | 0.00166 | 12.177877 | 0.98612 | 0.40602 | 6.3906594 | 5 |
| 472 | 0.00136 | 12.828607 | 0.98922 | 0.38196 | 6.6007985 | 5 |
| 473 | 0.00122 | 18.696711 | 0.98602 | 0.36544 | 6.6718294 | 5 |
| 474 | 0.00101 | 18.319561 | 0.98981 | 0.33894 | 6.7725696 | 5 |
| 475 | 0.00095 | 25.173074 | 0.98669 | 0.31907 | 6.7673298 | 5 |
| 476 | 0.00107 | 22.675897 | 0.98661 | 0.33518 | 6.6889971 | 5 |
| 477 | 0.00098 | 19.647218 | 0.98921 | 0.34499 | 6.8219923 | 5 |
| 478 | 0.00097 | 17.022129 | 0.98864 | 0.33143 | 6.7729944 | 5 |
| 479 | 0.00138 | 14.226451 | 0.98748 | 0.37209 | 6.5479887 | 5 |
| 480 | 0.0008 | 29.59358 | 0.9868 | 0.29412 | 6.8956015 | 5 |

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Lanjutan Lampiran 3

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|-----------|-------------|---------|-----------|--------|
| 481 | 0.00084 | 31.244104 | 0.9858 | 0.30298 | 6.869126 | 5 |
| 482 | 0.00173 | 12.729634 | 0.97841 | 0.36291 | 6.118591 | 5 |
| 483 | 0.00169 | 13.776996 | 0.97683 | 0.36119 | 6.1276811 | 5 |
| 484 | 0.001 | 19.326366 | 0.98676 | 0.33286 | 6.7502679 | 5 |
| 485 | 0.00181 | 9.9671198 | 0.98319 | 0.38396 | 6.1160604 | 5 |
| 486 | 0.00172 | 9.5169014 | 0.98642 | 0.3911 | 6.241953 | 5 |
| 487 | 0.00241 | 9.5586098 | 0.97663 | 0.3899 | 5.8447233 | 5 |
| 488 | 0.00107 | 16.385833 | 0.9885 | 0.35553 | 6.7438256 | 5 |
| 489 | 0.00096 | 23.027974 | 0.98447 | 0.31668 | 6.7431785 | 5 |
| 490 | 0.00088 | 20.708666 | 0.98843 | 0.31979 | 6.8652288 | 5 |
| 491 | 0.00086 | 25.060076 | 0.98424 | 0.30293 | 6.793387 | 5 |
| 492 | 0.00101 | 25.549393 | 0.98457 | 0.32349 | 6.7717602 | 5 |
| 493 | 0.00165 | 12.557914 | 0.97946 | 0.36006 | 6.1578717 | 5 |
| 494 | 0.00183 | 11.624016 | 0.97912 | 0.37614 | 6.0800606 | 5 |
| 495 | 0.00166 | 14.664451 | 0.97433 | 0.35087 | 6.0930796 | 5 |
| 496 | 0.00189 | 9.3987826 | 0.98304 | 0.38212 | 6.0806959 | 5 |
| 497 | 0.00135 | 16.117982 | 0.98394 | 0.35429 | 6.4522432 | 5 |
| 498 | 0.00171 | 11.135785 | 0.98713 | 0.39898 | 6.3557181 | 5 |
| 499 | 0.00163 | 14.506049 | 0.97352 | 0.35266 | 6.0720805 | 5 |
| 500 | 0.002 | 11.967136 | 0.97681 | 0.38478 | 6.0239463 | 5 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lampiran 4 Hasil Normalisasi LBP GLCM

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|----------|-------------|---------|---------|--------|
| 1 | 0.12748 | 0.59877 | 0.46957 | 0.25784 | 0.69879 | 1 |
| 2 | 0.0159 | 0.85318 | 0.17967 | 0.03317 | 0.89435 | 1 |
| 3 | 0.07128 | 0.57376 | 0.44858 | 0.18374 | 0.78466 | 1 |
| 4 | 0.11523 | 0.67149 | 0.36775 | 0.20049 | 0.718 | 1 |
| 5 | 0.06232 | 0.91188 | 0.15754 | 0.07313 | 0.79288 | 1 |
| 6 | 0.12721 | 0.62509 | 0.39228 | 0.22959 | 0.70607 | 1 |
| 7 | 0.1388 | 0.61638 | 0.44295 | 0.24538 | 0.66054 | 1 |
| 8 | 0.11184 | 0.60046 | 0.46165 | 0.22038 | 0.68422 | 1 |
| 9 | 0.0525 | 0.68244 | 0.37546 | 0.15369 | 0.82893 | 1 |
| 10 | 0.09216 | 0.659 | 0.37877 | 0.17388 | 0.74383 | 1 |
| 11 | 0.13135 | 0.58575 | 0.47607 | 0.2506 | 0.64571 | 1 |
| 12 | 0.10495 | 0.60901 | 0.43783 | 0.20701 | 0.71034 | 1 |
| 13 | 0.07145 | 0.75641 | 0.3208 | 0.16355 | 0.77255 | 1 |
| 14 | 0.08027 | 0.47781 | 0.45248 | 0.19343 | 0.84836 | 1 |
| 15 | 0.07817 | 0.71616 | 0.31501 | 0.14826 | 0.77785 | 1 |
| 16 | 0.08811 | 0.56319 | 0.47586 | 0.20757 | 0.7268 | 1 |
| 17 | 0.1018 | 0.47072 | 0.47886 | 0.22738 | 0.79696 | 1 |
| 18 | 0.08101 | 0.71668 | 0.33635 | 0.15355 | 0.75874 | 1 |
| 19 | 0.06909 | 0.55156 | 0.4927 | 0.20406 | 0.80654 | 1 |
| 20 | 0.06749 | 0.39852 | 0.62918 | 0.23917 | 0.76893 | 1 |
| 21 | 0.12433 | 0.33283 | 0.74199 | 0.32287 | 0.59944 | 1 |
| 22 | 0.05886 | 0.50777 | 0.5216 | 0.17698 | 0.78023 | 1 |
| 23 | 0.13533 | 0.21607 | 0.80941 | 0.37724 | 0.61406 | 1 |
| 24 | 0.01477 | 0.87863 | 0.12945 | 0.01061 | 0.91093 | 1 |
| 25 | 0.04005 | 0.6332 | 0.36699 | 0.11468 | 0.86111 | 1 |
| 26 | 0.10722 | 0.37407 | 0.58535 | 0.26831 | 0.78263 | 1 |
| 27 | 0.01609 | 0.79217 | 0.23095 | 0.04859 | 0.90204 | 1 |
| 28 | 0.04308 | 0.69047 | 0.36635 | 0.13258 | 0.83636 | 1 |
| 29 | 0.11657 | 0.4891 | 0.58812 | 0.28163 | 0.65214 | 1 |
| 30 | 0.03799 | 0.71448 | 0.2964 | 0.10347 | 0.86607 | 1 |
| 31 | 0.13169 | 0.2755 | 0.67177 | 0.32191 | 0.72885 | 1 |
| 32 | 0.05458 | 0.38371 | 0.62033 | 0.22742 | 0.85463 | 1 |
| 33 | 0.04352 | 0.70995 | 0.28763 | 0.0999 | 0.88999 | 1 |
| 34 | 0.07189 | 0.51397 | 0.44499 | 0.18848 | 0.84598 | 1 |
| 35 | 0.08776 | 0.53909 | 0.47211 | 0.2077 | 0.76389 | 1 |
| 36 | 0.01451 | 0.47073 | 0.45505 | 0.08762 | 0.95543 | 1 |
| 37 | 0.07738 | 0.51105 | 0.50517 | 0.19292 | 0.78106 | 1 |
| 38 | 0.0114 | 0.89237 | 0.18482 | 0.03476 | 0.86905 | 1 |
| 39 | 0.07125 | 0.52978 | 0.45507 | 0.175 | 0.82761 | 1 |
| 40 | 0.0794 | 0.76193 | 0.26713 | 0.11988 | 0.79268 | 1 |

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- Hak Cipta Dilindungi Undang-undang
1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
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 2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|----------|-------------|---------|---------|--------|
| 41 | 0.10054 | 0.69664 | 0.29892 | 0.16427 | 0.80286 | 1 |
| 42 | 0.03163 | 0.61566 | 0.38929 | 0.13939 | 0.88709 | 1 |
| 43 | 0.02852 | 0.79708 | 0.19865 | 0.03199 | 0.87496 | 1 |
| 44 | 0.13579 | 0.44667 | 0.60838 | 0.28983 | 0.62736 | 1 |
| 45 | 0.13043 | 0.26694 | 0.78795 | 0.33477 | 0.59531 | 1 |
| 46 | 0.08598 | 0.41691 | 0.61162 | 0.24384 | 0.73209 | 1 |
| 47 | 0.13605 | 0.3808 | 0.6673 | 0.30483 | 0.61021 | 1 |
| 48 | 0.07257 | 0.45402 | 0.57338 | 0.2398 | 0.79171 | 1 |
| 49 | 0.02798 | 0.67462 | 0.32938 | 0.08489 | 0.86578 | 1 |
| 50 | 0.0234 | 0.32722 | 0.61362 | 0.16275 | 0.93435 | 1 |
| 51 | 0.06839 | 0.56404 | 0.47128 | 0.18967 | 0.77926 | 1 |
| 52 | 0.0644 | 0.60261 | 0.3674 | 0.149 | 0.84848 | 1 |
| 53 | 0.06701 | 0.70391 | 0.31778 | 0.13922 | 0.80602 | 1 |
| 54 | 0.02269 | 0.79844 | 0.23911 | 0.06554 | 0.87376 | 1 |
| 55 | 0.01646 | 0.60781 | 0.35919 | 0.0827 | 0.92627 | 1 |
| 56 | 0.097 | 0.10964 | 0.77848 | 0.44038 | 0.77681 | 1 |
| 57 | 0.03718 | 0.7619 | 0.32468 | 0.10426 | 0.79058 | 1 |
| 58 | 0.01599 | 0.54209 | 0.41633 | 0.09551 | 0.92889 | 1 |
| 59 | 0.0127 | 0.95317 | 0.13482 | 0.02126 | 0.86315 | 1 |
| 60 | 0.02954 | 0.43199 | 0.55033 | 0.15271 | 0.88211 | 1 |
| 61 | 0.10287 | 0.50337 | 0.48005 | 0.22849 | 0.7972 | 1 |
| 62 | 0.13266 | 0.38698 | 0.6177 | 0.32359 | 0.77755 | 1 |
| 63 | 0.0274 | 0.53977 | 0.41676 | 0.12153 | 0.91949 | 1 |
| 64 | 0.10457 | 0.61291 | 0.40944 | 0.20873 | 0.76776 | 1 |
| 65 | 0.0291 | 0.95974 | 0.14593 | 0.05091 | 0.82681 | 1 |
| 66 | 0.03404 | 0.83031 | 0.23907 | 0.08597 | 0.84695 | 1 |
| 67 | 0.06775 | 0.58643 | 0.49583 | 0.18862 | 0.7182 | 1 |
| 68 | 0.08903 | 0.60984 | 0.40476 | 0.18231 | 0.78002 | 1 |
| 69 | 0.06513 | 0.93024 | 0.11791 | 0.06955 | 0.82949 | 1 |
| 70 | 0.06212 | 0.7264 | 0.31609 | 0.13624 | 0.81285 | 1 |
| 71 | 0.09212 | 0.54935 | 0.48856 | 0.22997 | 0.7238 | 1 |
| 72 | 0.0543 | 0.46555 | 0.52713 | 0.18456 | 0.82762 | 1 |
| 73 | 0.05907 | 0.42401 | 0.5889 | 0.20522 | 0.80188 | 1 |
| 74 | 0.11833 | 0.48563 | 0.5947 | 0.27377 | 0.65452 | 1 |
| 75 | 0.07473 | 0.49309 | 0.54197 | 0.22591 | 0.77018 | 1 |
| 76 | 0.05015 | 0.54018 | 0.47309 | 0.1557 | 0.82636 | 1 |
| 77 | 0.06919 | 0.64423 | 0.33512 | 0.14347 | 0.86983 | 1 |
| 78 | 0.04481 | 0.44986 | 0.524 | 0.17135 | 0.86145 | 1 |
| 79 | 0.08738 | 0.60365 | 0.46891 | 0.22744 | 0.74611 | 1 |
| 80 | 0.07275 | 0.53664 | 0.49082 | 0.20091 | 0.76872 | 1 |

Hak cipta milik IPB University

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Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 81 | 0.02887 | 0.64962 | 0.368 | 0.11962 | 0.89209 | 1 |
| 82 | 0.03625 | 0.70522 | 0.33099 | 0.12068 | 0.86563 | 1 |
| 83 | 0.08244 | 0.2292 | 0.7578 | 0.32927 | 0.7722 | 1 |
| 84 | 0.09172 | 0.49643 | 0.54157 | 0.23679 | 0.75273 | 1 |
| 85 | 0.05941 | 0.77888 | 0.33089 | 0.13565 | 0.73492 | 1 |
| 86 | 0.10972 | 0.45355 | 0.62665 | 0.28322 | 0.64607 | 1 |
| 87 | 0.02616 | 0.80583 | 0.28523 | 0.07622 | 0.80705 | 1 |
| 88 | 0.01476 | 0.86836 | 0.18116 | 0.02986 | 0.87528 | 1 |
| 89 | 0.02071 | 0.60951 | 0.40595 | 0.10388 | 0.87768 | 1 |
| 90 | 0.08297 | 0.5388 | 0.50121 | 0.22609 | 0.73607 | 1 |
| 91 | 0.01277 | 0.81954 | 0.21851 | 0.05528 | 0.91795 | 1 |
| 92 | 0.03871 | 0.93022 | 0.13296 | 0.06124 | 0.87097 | 1 |
| 93 | 0.082 | 0.56166 | 0.50713 | 0.21597 | 0.71985 | 1 |
| 94 | 0.0736 | 0.75132 | 0.30291 | 0.15391 | 0.81312 | 1 |
| 95 | 0.09049 | 0.7921 | 0.27528 | 0.1723 | 0.78619 | 1 |
| 96 | 0.08452 | 0.77647 | 0.31118 | 0.17081 | 0.73862 | 1 |
| 97 | 0.06603 | 0.79614 | 0.28534 | 0.13363 | 0.78383 | 1 |
| 98 | 0.04336 | 0.88183 | 0.16361 | 0.07774 | 0.88094 | 1 |
| 99 | 0.08606 | 0.54437 | 0.51478 | 0.21804 | 0.73643 | 1 |
| 100 | 0.12945 | 0.58595 | 0.50478 | 0.27172 | 0.65955 | 1 |
| 101 | 0.05219 | 0.6098 | 0.35051 | 0.1313 | 0.89947 | 2 |
| 102 | 0.00986 | 0.90569 | 0.10465 | 0.00252 | 0.95374 | 2 |
| 103 | 0 | 0.59402 | 0.37865 | 0.07471 | 0.97485 | 2 |
| 104 | 0.06025 | 0.47888 | 0.49383 | 0.16232 | 0.80202 | 2 |
| 105 | 0.06611 | 0.35918 | 0.60272 | 0.20691 | 0.80149 | 2 |
| 106 | 0.05249 | 0.4837 | 0.54109 | 0.17016 | 0.77485 | 2 |
| 107 | 0.06358 | 0.38702 | 0.58254 | 0.18902 | 0.78613 | 2 |
| 108 | 0.05438 | 0.33147 | 0.52826 | 0.16266 | 0.86786 | 2 |
| 109 | 0.07159 | 0.42079 | 0.51596 | 0.17749 | 0.78683 | 2 |
| 110 | 0.03786 | 0.43926 | 0.52247 | 0.15274 | 0.86366 | 2 |
| 111 | 0.00136 | 0.76622 | 0.27652 | 0.01515 | 0.87522 | 2 |
| 112 | 0.05087 | 0.38037 | 0.55686 | 0.16608 | 0.85824 | 2 |
| 113 | 0.03769 | 0.67159 | 0.32042 | 0.1 | 0.87385 | 2 |
| 114 | 0.05533 | 0.81356 | 0.15907 | 0.06568 | 0.88214 | 2 |
| 115 | 0.03843 | 0.5418 | 0.46303 | 0.12289 | 0.83663 | 2 |
| 116 | 0.01678 | 0.68417 | 0.27775 | 0.04986 | 0.93076 | 2 |
| 117 | 0.04855 | 0.38539 | 0.6008 | 0.17384 | 0.82745 | 2 |
| 118 | 0.04834 | 0.60115 | 0.43239 | 0.13222 | 0.80796 | 2 |
| 119 | 0.0113 | 0.66824 | 0.30645 | 0.05197 | 0.93332 | 2 |
| 120 | 0.00665 | 0.68432 | 0.28887 | 0.04529 | 0.94815 | 2 |

Hak cipta dilindungi Undang-undang

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Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 121 | 0.00401 | 0.68206 | 0.31182 | 0.04082 | 0.92499 | 2 |
| 122 | 0.02587 | 0.8264 | 0.1752 | 0.04959 | 0.94967 | 2 |
| 123 | 0.00206 | 0.58842 | 0.37349 | 0.062 | 0.95951 | 2 |
| 124 | 0.02392 | 0.78178 | 0.2587 | 0.05802 | 0.86714 | 2 |
| 125 | 0.00325 | 0.45555 | 0.46065 | 0.09286 | 0.98745 | 2 |
| 126 | 0.05486 | 0.29177 | 0.69833 | 0.2219 | 0.82838 | 2 |
| 127 | 0.03615 | 0.44456 | 0.53328 | 0.14824 | 0.87365 | 2 |
| 128 | 0.02376 | 0.53196 | 0.45975 | 0.10088 | 0.87648 | 2 |
| 129 | 0.02831 | 0.58078 | 0.39508 | 0.10227 | 0.89296 | 2 |
| 130 | 0.03471 | 0.54419 | 0.44532 | 0.11073 | 0.84144 | 2 |
| 131 | 0.0468 | 0.48544 | 0.50853 | 0.14353 | 0.80912 | 2 |
| 132 | 0.07012 | 0.60827 | 0.36249 | 0.15837 | 0.85842 | 2 |
| 133 | 0.0424 | 0.8455 | 0.18793 | 0.08388 | 0.89835 | 2 |
| 134 | 0.06005 | 0.48248 | 0.5298 | 0.18796 | 0.82672 | 2 |
| 135 | 0.01093 | 0.69446 | 0.2836 | 0.06666 | 0.96225 | 2 |
| 136 | 0.04352 | 0.40747 | 0.58782 | 0.18266 | 0.84777 | 2 |
| 137 | 0.07699 | 0.59658 | 0.3571 | 0.15635 | 0.87027 | 2 |
| 138 | 0.04437 | 1 | 0 | 0.02961 | 0.96121 | 2 |
| 139 | 0.01462 | 0.50492 | 0.41842 | 0.11291 | 0.97695 | 2 |
| 140 | 0.07554 | 0.82507 | 0.17123 | 0.11046 | 0.89817 | 2 |
| 141 | 0.021 | 0.65275 | 0.32114 | 0.07652 | 0.94033 | 2 |
| 142 | 0.00296 | 0.74434 | 0.26381 | 0.03531 | 0.94057 | 2 |
| 143 | 0.0491 | 0.61918 | 0.35872 | 0.13545 | 0.89465 | 2 |
| 144 | 0.02811 | 0.43588 | 0.50714 | 0.15644 | 0.92578 | 2 |
| 145 | 0.01586 | 0.8857 | 0.10275 | 0.0049 | 0.94177 | 2 |
| 146 | 0.01058 | 0.57854 | 0.39126 | 0.08181 | 0.93771 | 2 |
| 147 | 0.00316 | 0.64327 | 0.36529 | 0.0525 | 0.91826 | 2 |
| 148 | 0.03771 | 0.53018 | 0.51523 | 0.13764 | 0.79714 | 2 |
| 149 | 0.05443 | 0.36062 | 0.66158 | 0.21844 | 0.80165 | 2 |
| 150 | 0.07263 | 0.28569 | 0.69327 | 0.24246 | 0.7937 | 2 |
| 151 | 0.0036 | 0.89707 | 0.08182 | 0 | 1 | 2 |
| 152 | 0.0243 | 0.45501 | 0.54362 | 0.13024 | 0.86834 | 2 |
| 153 | 0.04489 | 0.39352 | 0.45233 | 0.1543 | 0.93771 | 2 |
| 154 | 0.04565 | 0.60797 | 0.35069 | 0.11174 | 0.88756 | 2 |
| 155 | 0.05486 | 0.29948 | 0.62149 | 0.20041 | 0.88431 | 2 |
| 156 | 0.02711 | 0.51878 | 0.46651 | 0.12642 | 0.89946 | 2 |
| 157 | 0.01283 | 0.58964 | 0.38192 | 0.08847 | 0.93072 | 2 |
| 158 | 0.00759 | 0.71485 | 0.21151 | 0.01628 | 0.95008 | 2 |
| 159 | 0.03289 | 0.55017 | 0.45366 | 0.12872 | 0.84766 | 2 |
| 160 | 0.00882 | 0.66835 | 0.25337 | 0.02722 | 0.94421 | 2 |

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2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|----------|----------|-------------|---------|---------|--------|
| 161 | 0.02412 | 0.30815 | 0.58629 | 0.16714 | 0.98155 | 2 |
| 162 | 0.06581 | 0.19675 | 0.68091 | 0.24205 | 0.86936 | 2 |
| 163 | 0.00607 | 0.57182 | 0.37604 | 0.08658 | 0.99778 | 2 |
| 164 | 0.05026 | 0.48482 | 0.50698 | 0.16477 | 0.83958 | 2 |
| 165 | 0.05022 | 0.48159 | 0.5386 | 0.17937 | 0.80249 | 2 |
| 166 | 0.05175 | 0.34941 | 0.61637 | 0.20775 | 0.87566 | 2 |
| 167 | 0.06841 | 0.55928 | 0.47656 | 0.17972 | 0.77487 | 2 |
| 168 | 0.01649 | 0.52131 | 0.45749 | 0.09821 | 0.91438 | 2 |
| 169 | 0.03674 | 0.35772 | 0.57851 | 0.18805 | 0.94299 | 2 |
| 170 | 0.06092 | 0.41611 | 0.58004 | 0.2082 | 0.83116 | 2 |
| 171 | 0.0553 | 0.50091 | 0.52384 | 0.18589 | 0.82485 | 2 |
| 172 | 0.03723 | 0.61175 | 0.36848 | 0.10424 | 0.87011 | 2 |
| 173 | 0.03185 | 0.72451 | 0.28612 | 0.08166 | 0.88845 | 2 |
| 174 | 0.01266 | 0.68056 | 0.35417 | 0.07999 | 0.89619 | 2 |
| 175 | 0.02339 | 0.7354 | 0.24738 | 0.05117 | 0.90271 | 2 |
| 176 | 0.03279 | 0.58412 | 0.33174 | 0.09536 | 0.92512 | 2 |
| 177 | 0.02596 | 0.55898 | 0.35979 | 0.09057 | 0.94136 | 2 |
| 178 | 0.06181 | 0.47047 | 0.48558 | 0.16617 | 0.834 | 2 |
| 179 | 0.03652 | 0.5683 | 0.38823 | 0.10715 | 0.89111 | 2 |
| 180 | 0.02742 | 0.70278 | 0.31814 | 0.06515 | 0.85172 | 2 |
| 181 | 0.01026 | 0.79238 | 0.22099 | 0.01918 | 0.90318 | 2 |
| 182 | 0.03347 | 0.45175 | 0.45938 | 0.12822 | 0.91616 | 2 |
| 183 | 0.03361 | 0.41381 | 0.48915 | 0.14156 | 0.92249 | 2 |
| 184 | 0.07599 | 0.4781 | 0.46838 | 0.21162 | 0.83589 | 2 |
| 185 | 0.04313 | 0.38205 | 0.53235 | 0.15543 | 0.89538 | 2 |
| 186 | 0.01751 | 0.67201 | 0.28821 | 0.08358 | 0.97906 | 2 |
| 187 | 0.03784 | 0.32771 | 0.62843 | 0.19858 | 0.92219 | 2 |
| 188 | 0.04956 | 0.50018 | 0.47176 | 0.17622 | 0.91135 | 2 |
| 189 | 0.05365 | 0.50861 | 0.45565 | 0.16151 | 0.86664 | 2 |
| 190 | 0.02299 | 0.53984 | 0.40613 | 0.08725 | 0.90796 | 2 |
| 191 | 0.04712 | 0.60633 | 0.32965 | 0.11365 | 0.91607 | 2 |
| 192 | 0.0416 | 0.43429 | 0.49476 | 0.14262 | 0.90105 | 2 |
| 193 | 0.02999 | 0.57385 | 0.36739 | 0.1026 | 0.92571 | 2 |
| 194 | 0.00997 | 0.64107 | 0.30071 | 0.05642 | 0.96892 | 2 |
| 195 | 0.02367 | 0.56198 | 0.36511 | 0.09524 | 0.95042 | 2 |
| 196 | 0.02016 | 0.62221 | 0.3169 | 0.07332 | 0.96016 | 2 |
| 197 | 0.03933 | 0.61168 | 0.36062 | 0.1071 | 0.89248 | 2 |
| 198 | 0.05583 | 0.35132 | 0.54575 | 0.19052 | 0.90177 | 2 |
| 199 | 0.01145 | 0.72278 | 0.24215 | 0.04437 | 0.9568 | 2 |
| 200 | 6.99E-05 | 0.58623 | 0.37775 | 0.07319 | 0.97447 | 2 |

Hak cipta milik IPB University

- Hak Cipta Dilindungi Undang-undang
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 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 201 | 0.28763 | 0.54957 | 0.41801 | 0.35052 | 0.63159 | 3 |
| 202 | 0.38141 | 0.22593 | 0.76018 | 0.54708 | 0.2346 | 3 |
| 203 | 0.333 | 0.20966 | 0.86832 | 0.58877 | 0.29216 | 3 |
| 204 | 0.26751 | 0.23749 | 0.78553 | 0.44699 | 0.36814 | 3 |
| 205 | 0.32874 | 0.22029 | 0.7722 | 0.50366 | 0.33459 | 3 |
| 206 | 0.28718 | 0.27493 | 0.71821 | 0.45351 | 0.38797 | 3 |
| 207 | 0.20279 | 0.26954 | 0.71584 | 0.36894 | 0.4817 | 3 |
| 208 | 0.20999 | 0.3148 | 0.70254 | 0.37992 | 0.51592 | 3 |
| 209 | 0.17915 | 0.32592 | 0.68319 | 0.34076 | 0.54829 | 3 |
| 210 | 0.18285 | 0.37118 | 0.60508 | 0.32138 | 0.56196 | 3 |
| 211 | 0.18665 | 0.39137 | 0.59215 | 0.3165 | 0.55931 | 3 |
| 212 | 0.22691 | 0.30856 | 0.68501 | 0.39131 | 0.49279 | 3 |
| 213 | 0.24585 | 0.52958 | 0.42406 | 0.31607 | 0.65445 | 3 |
| 214 | 0.23553 | 0.33884 | 0.70593 | 0.44255 | 0.56882 | 3 |
| 215 | 0.19125 | 0.20768 | 0.65722 | 0.3676 | 0.58919 | 3 |
| 216 | 0.21291 | 0.17853 | 0.78185 | 0.40814 | 0.51234 | 3 |
| 217 | 0.19993 | 0.354 | 0.6131 | 0.34563 | 0.50746 | 3 |
| 218 | 0.19737 | 0.09252 | 0.96949 | 0.45659 | 0.46159 | 3 |
| 219 | 0.28803 | 0.28328 | 0.75734 | 0.50953 | 0.52787 | 3 |
| 220 | 0.30236 | 0.33827 | 0.60833 | 0.43509 | 0.49815 | 3 |
| 221 | 0.19735 | 0.41893 | 0.60635 | 0.33818 | 0.62029 | 3 |
| 222 | 0.29635 | 0.5149 | 0.49933 | 0.40353 | 0.54721 | 3 |
| 223 | 0.29301 | 0.38129 | 0.60367 | 0.4328 | 0.50194 | 3 |
| 224 | 0.37363 | 0.30076 | 0.7044 | 0.51433 | 0.44523 | 3 |
| 225 | 0.23393 | 0.3292 | 0.70861 | 0.4498 | 0.61211 | 3 |
| 226 | 0.20681 | 0.48832 | 0.55038 | 0.33637 | 0.56654 | 3 |
| 227 | 0.21875 | 0.42199 | 0.62283 | 0.40958 | 0.64601 | 3 |
| 228 | 0.27104 | 0.42448 | 0.60579 | 0.44856 | 0.63354 | 3 |
| 229 | 0.37502 | 0.2686 | 0.78316 | 0.59328 | 0.49506 | 3 |
| 230 | 0.17754 | 0.35446 | 0.64813 | 0.3421 | 0.568 | 3 |
| 231 | 0.19569 | 0.23578 | 0.78162 | 0.44034 | 0.54014 | 3 |
| 232 | 0.38144 | 0.35243 | 0.62818 | 0.51145 | 0.41636 | 3 |
| 233 | 0.28308 | 0.50156 | 0.53164 | 0.39385 | 0.54506 | 3 |
| 234 | 0.33272 | 0.57529 | 0.44422 | 0.40908 | 0.48626 | 3 |
| 235 | 0.23191 | 0.55377 | 0.46898 | 0.31893 | 0.63765 | 3 |
| 236 | 0.31386 | 0.55226 | 0.47798 | 0.40425 | 0.52354 | 3 |
| 237 | 0.32147 | 0.57972 | 0.46909 | 0.41108 | 0.51035 | 3 |
| 238 | 0.35746 | 0.52598 | 0.49498 | 0.4482 | 0.40323 | 3 |
| 239 | 0.22843 | 0.46579 | 0.49381 | 0.32673 | 0.56259 | 3 |
| 240 | 0.18262 | 0.20931 | 0.83287 | 0.45749 | 0.55732 | 3 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :

- a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
- b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 241 | 0.24158 | 0.34181 | 0.65531 | 0.39978 | 0.5396 | 3 |
| 242 | 0.16448 | 0.28379 | 0.73687 | 0.37867 | 0.6379 | 3 |
| 243 | 0.19943 | 0.32199 | 0.68624 | 0.38556 | 0.55346 | 3 |
| 244 | 0.1855 | 0.37739 | 0.61403 | 0.34537 | 0.56686 | 3 |
| 245 | 0.26056 | 0.30978 | 0.66321 | 0.42814 | 0.44165 | 3 |
| 246 | 0.22774 | 0.41 | 0.6193 | 0.37145 | 0.58691 | 3 |
| 247 | 0.19937 | 0.36832 | 0.62405 | 0.35711 | 0.57722 | 3 |
| 248 | 0.23158 | 0.29954 | 0.73635 | 0.44169 | 0.50866 | 3 |
| 249 | 0.33917 | 0.26605 | 0.77066 | 0.58809 | 0.48854 | 3 |
| 250 | 0.2377 | 0.61927 | 0.44238 | 0.33102 | 0.45701 | 3 |
| 251 | 0.23917 | 0.54828 | 0.49791 | 0.35949 | 0.59197 | 3 |
| 252 | 0.21183 | 0.60735 | 0.37341 | 0.28234 | 0.63097 | 3 |
| 253 | 0.25594 | 0.30116 | 0.69188 | 0.42946 | 0.50086 | 3 |
| 254 | 0.34897 | 0.32962 | 0.64757 | 0.4705 | 0.31531 | 3 |
| 255 | 0.31926 | 0.42251 | 0.59671 | 0.44737 | 0.49135 | 3 |
| 256 | 0.25021 | 0.41039 | 0.60006 | 0.39853 | 0.55053 | 3 |
| 257 | 0.27477 | 0.4386 | 0.53592 | 0.37016 | 0.54703 | 3 |
| 258 | 0.19643 | 0.25102 | 0.73844 | 0.3994 | 0.55816 | 3 |
| 259 | 0.282 | 0.46116 | 0.57168 | 0.41331 | 0.4671 | 3 |
| 260 | 0.37407 | 0.46468 | 0.58481 | 0.49328 | 0.26596 | 3 |
| 261 | 0.23581 | 0.4711 | 0.57091 | 0.37338 | 0.51301 | 3 |
| 262 | 0.29881 | 0.40953 | 0.64729 | 0.46257 | 0.43669 | 3 |
| 263 | 0.28833 | 0.30205 | 0.71657 | 0.44418 | 0.29855 | 3 |
| 264 | 0.36108 | 0.33915 | 0.68673 | 0.52449 | 0.4593 | 3 |
| 265 | 0.22182 | 0.35123 | 0.71593 | 0.39702 | 0.44672 | 3 |
| 266 | 0.32098 | 0.21546 | 0.78226 | 0.51359 | 0.39605 | 3 |
| 267 | 0.33065 | 0.13324 | 0.96526 | 0.60627 | 0.22646 | 3 |
| 268 | 0.25292 | 0.43576 | 0.53789 | 0.35403 | 0.57416 | 3 |
| 269 | 0.36669 | 0.24935 | 0.76914 | 0.54585 | 0.26061 | 3 |
| 270 | 0.20718 | 0.14773 | 0.88529 | 0.47487 | 0.46773 | 3 |
| 271 | 0.28418 | 0.36261 | 0.65192 | 0.43892 | 0.36161 | 3 |
| 272 | 0.38806 | 0.20449 | 0.81032 | 0.55728 | 0.17303 | 3 |
| 273 | 0.22752 | 0.21482 | 0.76263 | 0.41114 | 0.45811 | 3 |
| 274 | 0.16168 | 0.42859 | 0.62608 | 0.30679 | 0.54034 | 3 |
| 275 | 0.20108 | 0.62736 | 0.37573 | 0.26312 | 0.69053 | 3 |
| 276 | 0.22336 | 0.53973 | 0.46256 | 0.31159 | 0.64046 | 3 |
| 277 | 0.1637 | 0.47644 | 0.55119 | 0.30472 | 0.63191 | 3 |
| 278 | 0.21594 | 0.21045 | 0.77944 | 0.46878 | 0.62119 | 3 |
| 279 | 0.3093 | 0.22269 | 0.84029 | 0.55597 | 0.45449 | 3 |
| 280 | 0.22732 | 0.55041 | 0.43188 | 0.3028 | 0.64782 | 3 |

Hak Cipta Dilindungi Undang-undang

IPB University

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 281 | 0.19247 | 0.52412 | 0.44205 | 0.26801 | 0.64384 | 3 |
| 282 | 0.17935 | 0.55079 | 0.40977 | 0.24762 | 0.68812 | 3 |
| 283 | 0.17451 | 0.53495 | 0.44616 | 0.25501 | 0.69375 | 3 |
| 284 | 0.23375 | 0.49125 | 0.44323 | 0.32016 | 0.62912 | 3 |
| 285 | 0.22352 | 0.41291 | 0.54125 | 0.33394 | 0.61267 | 3 |
| 286 | 0.19309 | 0.51446 | 0.46613 | 0.28907 | 0.64435 | 3 |
| 287 | 0.20414 | 0.49069 | 0.49584 | 0.31005 | 0.68335 | 3 |
| 288 | 0.17943 | 0.45928 | 0.53934 | 0.29616 | 0.66988 | 3 |
| 289 | 0.19482 | 0.40244 | 0.61006 | 0.35896 | 0.58209 | 3 |
| 290 | 0.17408 | 0.48368 | 0.53596 | 0.29696 | 0.61142 | 3 |
| 291 | 0.2141 | 0.3758 | 0.69079 | 0.40044 | 0.51985 | 3 |
| 292 | 0.2158 | 0.47903 | 0.51988 | 0.32663 | 0.65554 | 3 |
| 293 | 0.22307 | 0.31675 | 0.747 | 0.42344 | 0.48289 | 3 |
| 294 | 0.18567 | 0.4692 | 0.59591 | 0.34349 | 0.55995 | 3 |
| 295 | 0.21811 | 0.4191 | 0.62574 | 0.38833 | 0.48251 | 3 |
| 296 | 0.28394 | 0.32262 | 0.7005 | 0.46483 | 0.4645 | 3 |
| 297 | 0.26434 | 0.27461 | 0.74637 | 0.47419 | 0.44345 | 3 |
| 298 | 0.28703 | 0.16628 | 0.80401 | 0.49071 | 0.48009 | 3 |
| 299 | 0.35508 | 0.2821 | 0.75373 | 0.53004 | 0.30529 | 3 |
| 300 | 0.2078 | 0.33286 | 0.70645 | 0.41388 | 0.59588 | 3 |
| 301 | 0.5488 | 0.73285 | 0.3465 | 0.556 | 0.45241 | 4 |
| 302 | 0.59987 | 0.40323 | 0.62484 | 0.70722 | 0.34189 | 4 |
| 303 | 0.93061 | 0.55177 | 0.4923 | 0.82764 | 0.26007 | 4 |
| 304 | 0.73033 | 0.53126 | 0.51345 | 0.73658 | 0.39446 | 4 |
| 305 | 0.81297 | 0.36454 | 0.65547 | 0.84268 | 0.30411 | 4 |
| 306 | 0.59149 | 0.47951 | 0.56556 | 0.66037 | 0.39061 | 4 |
| 307 | 0.66982 | 0.39979 | 0.66099 | 0.73864 | 0.32934 | 4 |
| 308 | 0.56485 | 0.34914 | 0.7205 | 0.69921 | 0.35122 | 4 |
| 309 | 0.70905 | 0.56371 | 0.50206 | 0.71676 | 0.387 | 4 |
| 310 | 0.79108 | 0.43811 | 0.64803 | 0.80395 | 0.20718 | 4 |
| 311 | 0.94514 | 0.46979 | 0.60535 | 0.87765 | 0.13963 | 4 |
| 312 | 0.69594 | 0.45321 | 0.58499 | 0.73245 | 0.31912 | 4 |
| 313 | 0.67863 | 0.6172 | 0.46334 | 0.68581 | 0.36776 | 4 |
| 314 | 0.89643 | 0.19406 | 0.88602 | 0.97683 | 0.01269 | 4 |
| 315 | 0.51573 | 0.18959 | 0.87358 | 0.74611 | 0.30532 | 4 |
| 316 | 0.84902 | 0.39339 | 0.67036 | 0.85654 | 0.14834 | 4 |
| 317 | 0.99468 | 0.25291 | 0.83061 | 0.99187 | 0.01213 | 4 |
| 318 | 0.47896 | 0.38698 | 0.63738 | 0.57788 | 0.35676 | 4 |
| 319 | 0.75461 | 0.36199 | 0.55724 | 0.7256 | 0.23908 | 4 |
| 320 | 0.85796 | 0.30591 | 0.70052 | 0.84935 | 0.1625 | 4 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 321 | 0.72075 | 0.34613 | 0.68545 | 0.79107 | 0.28891 | 4 |
| 322 | 0.77699 | 0.24505 | 0.73032 | 0.82949 | 0.10905 | 4 |
| 323 | 0.46127 | 0.42272 | 0.59702 | 0.56874 | 0.32377 | 4 |
| 324 | 0.98339 | 0.42493 | 0.63696 | 0.91818 | 0.22107 | 4 |
| 325 | 0.85727 | 0.23019 | 0.77478 | 0.89178 | 0.05194 | 4 |
| 326 | 0.91071 | 0.22659 | 0.79597 | 0.92589 | 0.08091 | 4 |
| 327 | 0.92089 | 0.24448 | 0.69566 | 0.9067 | 0 | 4 |
| 328 | 0.68711 | 0.27177 | 0.78234 | 0.81309 | 0.1962 | 4 |
| 329 | 0.70042 | 0.41253 | 0.67587 | 0.78762 | 0.22776 | 4 |
| 330 | 0.50165 | 0.41087 | 0.68153 | 0.65574 | 0.3233 | 4 |
| 331 | 0.56968 | 0.31737 | 0.73523 | 0.72183 | 0.32343 | 4 |
| 332 | 0.65904 | 0.40766 | 0.70169 | 0.757 | 0.28724 | 4 |
| 333 | 0.54277 | 0.35206 | 0.70665 | 0.67668 | 0.32738 | 4 |
| 334 | 0.73594 | 0.5193 | 0.58268 | 0.75859 | 0.31301 | 4 |
| 335 | 0.88514 | 0.46934 | 0.56582 | 0.82208 | 0.24238 | 4 |
| 336 | 0.65215 | 0.3925 | 0.6501 | 0.72115 | 0.29549 | 4 |
| 337 | 0.53286 | 0.32792 | 0.76611 | 0.69295 | 0.2131 | 4 |
| 338 | 0.51047 | 0.38038 | 0.70378 | 0.66079 | 0.30887 | 4 |
| 339 | 0.45894 | 0.47687 | 0.64058 | 0.59365 | 0.35209 | 4 |
| 340 | 0.67162 | 0.31974 | 0.74195 | 0.7794 | 0.1488 | 4 |
| 341 | 0.69694 | 0.21573 | 0.88039 | 0.8412 | 0.04975 | 4 |
| 342 | 0.69182 | 0.24609 | 0.83651 | 0.84748 | 0.05268 | 4 |
| 343 | 0.7705 | 0.41474 | 0.66961 | 0.82001 | 0.14949 | 4 |
| 344 | 0.61969 | 0.42743 | 0.61488 | 0.68538 | 0.34628 | 4 |
| 345 | 0.82344 | 0.38205 | 0.63808 | 0.80515 | 0.24063 | 4 |
| 346 | 0.89435 | 0.36775 | 0.65358 | 0.85311 | 0.20089 | 4 |
| 347 | 0.51074 | 0.41755 | 0.59648 | 0.61709 | 0.43145 | 4 |
| 348 | 0.62162 | 0.60615 | 0.46419 | 0.64312 | 0.40951 | 4 |
| 349 | 0.56694 | 0.39937 | 0.67448 | 0.68308 | 0.31208 | 4 |
| 350 | 0.50391 | 0.58633 | 0.45687 | 0.55725 | 0.43272 | 4 |
| 351 | 0.46197 | 0.64584 | 0.42405 | 0.52567 | 0.47269 | 4 |
| 352 | 0.4724 | 0.63463 | 0.41462 | 0.53219 | 0.49943 | 4 |
| 353 | 0.58439 | 0.29277 | 0.72697 | 0.73174 | 0.36911 | 4 |
| 354 | 0.51951 | 0.50265 | 0.51848 | 0.62351 | 0.49638 | 4 |
| 355 | 0.48334 | 0.25935 | 0.78595 | 0.69382 | 0.44172 | 4 |
| 356 | 0.86112 | 0.60265 | 0.44589 | 0.77694 | 0.33247 | 4 |
| 357 | 0.84706 | 0.42816 | 0.5998 | 0.82509 | 0.27673 | 4 |
| 358 | 0.87155 | 0.60525 | 0.42474 | 0.77691 | 0.36988 | 4 |
| 359 | 0.61488 | 0.57247 | 0.45072 | 0.6485 | 0.42795 | 4 |
| 360 | 0.45689 | 0.696 | 0.33445 | 0.50731 | 0.56994 | 4 |

Hak cipta milik IPB University

IPB University

- Hak Cipta Dilindungi Undang-undang
1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 361 | 0.69128 | 0.48087 | 0.56643 | 0.71143 | 0.3322 | 4 |
| 362 | 0.68706 | 0.55789 | 0.49127 | 0.69038 | 0.38414 | 4 |
| 363 | 0.81994 | 0.3813 | 0.66276 | 0.82648 | 0.2436 | 4 |
| 364 | 0.93309 | 0.60364 | 0.41601 | 0.79853 | 0.33789 | 4 |
| 365 | 0.82759 | 0.5735 | 0.46613 | 0.76336 | 0.30759 | 4 |
| 366 | 0.9077 | 0.63685 | 0.40411 | 0.78133 | 0.32311 | 4 |
| 367 | 0.70098 | 0.57152 | 0.49523 | 0.69648 | 0.33741 | 4 |
| 368 | 1 | 0.56764 | 0.49512 | 0.86373 | 0.27077 | 4 |
| 369 | 0.90173 | 0.61088 | 0.45349 | 0.79644 | 0.30179 | 4 |
| 370 | 0.60285 | 0.63866 | 0.40196 | 0.61423 | 0.46923 | 4 |
| 371 | 0.77968 | 0.42337 | 0.62146 | 0.78396 | 0.29348 | 4 |
| 372 | 0.95808 | 0.1096 | 0.86568 | 1 | 0.17992 | 4 |
| 373 | 0.85027 | 0.08652 | 0.9468 | 0.97188 | 0.09804 | 4 |
| 374 | 0.56824 | 0.15829 | 0.88806 | 0.78725 | 0.35207 | 4 |
| 375 | 0.9687 | 0.55547 | 0.44882 | 0.83287 | 0.31898 | 4 |
| 376 | 0.857 | 0.5065 | 0.54818 | 0.79052 | 0.25621 | 4 |
| 377 | 0.9801 | 0.69158 | 0.33827 | 0.80958 | 0.34913 | 4 |
| 378 | 0.88887 | 0.68462 | 0.35921 | 0.77233 | 0.37881 | 4 |
| 379 | 0.7334 | 0.38884 | 0.65771 | 0.76194 | 0.31307 | 4 |
| 380 | 0.70211 | 0.39273 | 0.64257 | 0.74154 | 0.29308 | 4 |
| 381 | 0.65827 | 0.46335 | 0.59109 | 0.70458 | 0.33499 | 4 |
| 382 | 0.94168 | 0.39712 | 0.66297 | 0.8972 | 0.13716 | 4 |
| 383 | 0.51718 | 0.41452 | 0.64707 | 0.62205 | 0.39669 | 4 |
| 384 | 0.56877 | 0.53774 | 0.53903 | 0.63043 | 0.39829 | 4 |
| 385 | 0.60561 | 0.23476 | 0.81328 | 0.78532 | 0.15682 | 4 |
| 386 | 0.51661 | 0.24761 | 0.8275 | 0.72492 | 0.24407 | 4 |
| 387 | 0.82344 | 0.38205 | 0.63808 | 0.80515 | 0.24063 | 4 |
| 388 | 0.7284 | 0.47081 | 0.55986 | 0.72003 | 0.30642 | 4 |
| 389 | 0.77847 | 0.4461 | 0.59943 | 0.76845 | 0.26204 | 4 |
| 390 | 0.54457 | 0.4788 | 0.54635 | 0.64205 | 0.4138 | 4 |
| 391 | 0.80238 | 0.53668 | 0.5263 | 0.7481 | 0.27514 | 4 |
| 392 | 0.92473 | 0.27101 | 0.75104 | 0.91036 | 0.08066 | 4 |
| 393 | 0.52497 | 0.28764 | 0.74801 | 0.70167 | 0.28047 | 4 |
| 394 | 0.48836 | 0.4865 | 0.57751 | 0.59371 | 0.40106 | 4 |
| 395 | 0.55507 | 0.54577 | 0.53356 | 0.60982 | 0.42636 | 4 |
| 396 | 0.72917 | 0.34702 | 0.67897 | 0.77575 | 0.21654 | 4 |
| 397 | 0.77299 | 0.30121 | 0.75458 | 0.8396 | 0.19484 | 4 |
| 398 | 0.76056 | 0 | 1 | 0.9513 | 0.2064 | 4 |
| 399 | 0.86693 | 0.48796 | 0.58195 | 0.82968 | 0.29339 | 4 |
| 400 | 0.53133 | 0.49359 | 0.56665 | 0.62625 | 0.48045 | 4 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :

a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 401 | 0.26469 | 0.21629 | 0.8199 | 0.49863 | 0.38195 | 5 |
| 402 | 0.196 | 0.1548 | 0.87888 | 0.43505 | 0.49518 | 5 |
| 403 | 0.23733 | 0.26703 | 0.73391 | 0.41754 | 0.42653 | 5 |
| 404 | 0.25791 | 0.1494 | 0.86211 | 0.50088 | 0.40332 | 5 |
| 405 | 0.27783 | 0.17064 | 0.80145 | 0.49028 | 0.36596 | 5 |
| 406 | 0.16767 | 0.24935 | 0.78155 | 0.37248 | 0.54607 | 5 |
| 407 | 0.21504 | 0.19994 | 0.83907 | 0.45083 | 0.45319 | 5 |
| 408 | 0.28047 | 0.20196 | 0.78451 | 0.48092 | 0.34886 | 5 |
| 409 | 0.20374 | 0.16582 | 0.86991 | 0.44776 | 0.48059 | 5 |
| 410 | 0.18312 | 0.17189 | 0.83072 | 0.40962 | 0.54505 | 5 |
| 411 | 0.20131 | 0.19134 | 0.82275 | 0.42324 | 0.50092 | 5 |
| 412 | 0.16413 | 0.31366 | 0.6619 | 0.31498 | 0.55616 | 5 |
| 413 | 0.25958 | 0.224 | 0.64035 | 0.40952 | 0.40968 | 5 |
| 414 | 0.16427 | 0.26103 | 0.7257 | 0.33642 | 0.55443 | 5 |
| 415 | 0.27374 | 0.20334 | 0.78102 | 0.47401 | 0.35471 | 5 |
| 416 | 0.21422 | 0.20095 | 0.82686 | 0.4544 | 0.47312 | 5 |
| 417 | 0.24936 | 0.2959 | 0.64545 | 0.39016 | 0.41442 | 5 |
| 418 | 0.18972 | 0.37125 | 0.59981 | 0.31115 | 0.51844 | 5 |
| 419 | 0.20004 | 0.39047 | 0.59841 | 0.31741 | 0.50284 | 5 |
| 420 | 0.22261 | 0.30165 | 0.66225 | 0.36276 | 0.46485 | 5 |
| 421 | 0.20311 | 0.41197 | 0.56538 | 0.31225 | 0.52422 | 5 |
| 422 | 0.21445 | 0.35611 | 0.63035 | 0.34279 | 0.50252 | 5 |
| 423 | 0.22038 | 0.35335 | 0.63767 | 0.34903 | 0.49754 | 5 |
| 424 | 0.2359 | 0.27434 | 0.64448 | 0.38049 | 0.44393 | 5 |
| 425 | 0.19151 | 0.42533 | 0.56356 | 0.3011 | 0.5165 | 5 |
| 426 | 0.20275 | 0.33181 | 0.68278 | 0.33742 | 0.45043 | 5 |
| 427 | 0.24742 | 0.12995 | 0.85214 | 0.48435 | 0.40988 | 5 |
| 428 | 0.19104 | 0.38581 | 0.55603 | 0.30396 | 0.54387 | 5 |
| 429 | 0.15461 | 0.24043 | 0.79183 | 0.37889 | 0.57875 | 5 |
| 430 | 0.2447 | 0.24462 | 0.70416 | 0.39721 | 0.40802 | 5 |
| 431 | 0.22154 | 0.29322 | 0.66638 | 0.35351 | 0.4403 | 5 |
| 432 | 0.16407 | 0.35721 | 0.57979 | 0.29212 | 0.61277 | 5 |
| 433 | 0.25331 | 0.29354 | 0.63229 | 0.40511 | 0.43388 | 5 |
| 434 | 0.18345 | 0.27923 | 0.71375 | 0.35106 | 0.52418 | 5 |
| 435 | 0.24326 | 0.24628 | 0.69683 | 0.40644 | 0.41994 | 5 |
| 436 | 0.23631 | 0.22465 | 0.67667 | 0.4071 | 0.45437 | 5 |
| 437 | 0.18171 | 0.17219 | 0.8531 | 0.422 | 0.53151 | 5 |
| 438 | 0.24208 | 0.22563 | 0.67158 | 0.40351 | 0.47582 | 5 |
| 439 | 0.19285 | 0.33919 | 0.61278 | 0.31612 | 0.54371 | 5 |
| 440 | 0.17931 | 0.32723 | 0.65619 | 0.3252 | 0.52494 | 5 |

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IPB University

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Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 441 | 0.18923 | 0.28674 | 0.6778 | 0.3601 | 0.51897 | 5 |
| 442 | 0.24742 | 0.12995 | 0.85214 | 0.48435 | 0.40988 | 5 |
| 443 | 0.21407 | 0.28628 | 0.75275 | 0.40169 | 0.43774 | 5 |
| 444 | 0.29152 | 0.14707 | 0.83587 | 0.52359 | 0.35373 | 5 |
| 445 | 0.21235 | 0.25101 | 0.7407 | 0.40529 | 0.48772 | 5 |
| 446 | 0.30097 | 0.23707 | 0.68208 | 0.4476 | 0.34734 | 5 |
| 447 | 0.19773 | 0.19506 | 0.82259 | 0.41327 | 0.48503 | 5 |
| 448 | 0.20009 | 0.26188 | 0.74085 | 0.39545 | 0.47552 | 5 |
| 449 | 0.23749 | 0.23775 | 0.76415 | 0.44535 | 0.41865 | 5 |
| 450 | 0.26621 | 0.24249 | 0.72409 | 0.43569 | 0.42614 | 5 |
| 451 | 0.22815 | 0.26207 | 0.75848 | 0.43103 | 0.44067 | 5 |
| 452 | 0.27123 | 0.20975 | 0.73687 | 0.45036 | 0.4319 | 5 |
| 453 | 0.28784 | 0.29436 | 0.6959 | 0.44458 | 0.33714 | 5 |
| 454 | 0.22335 | 0.33119 | 0.65043 | 0.3752 | 0.47427 | 5 |
| 455 | 0.20447 | 0.34161 | 0.63192 | 0.3528 | 0.48961 | 5 |
| 456 | 0.21267 | 0.26354 | 0.69156 | 0.37069 | 0.47344 | 5 |
| 457 | 0.21957 | 0.25545 | 0.6736 | 0.37003 | 0.53115 | 5 |
| 458 | 0.30713 | 0.28339 | 0.67787 | 0.46115 | 0.35731 | 5 |
| 459 | 0.2743 | 0.32187 | 0.63462 | 0.42617 | 0.38992 | 5 |
| 460 | 0.22592 | 0.06504 | 0.91629 | 0.486 | 0.5003 | 5 |
| 461 | 0.27096 | 0.32605 | 0.61278 | 0.41362 | 0.42805 | 5 |
| 462 | 0.22393 | 0.24618 | 0.76084 | 0.41569 | 0.44574 | 5 |
| 463 | 0.22373 | 0.30217 | 0.62879 | 0.36228 | 0.49296 | 5 |
| 464 | 0.17784 | 0.30993 | 0.67432 | 0.32324 | 0.56599 | 5 |
| 465 | 0.28387 | 0.27464 | 0.70395 | 0.45822 | 0.3542 | 5 |
| 466 | 0.21238 | 0.33141 | 0.64366 | 0.36276 | 0.50716 | 5 |
| 467 | 0.18425 | 0.33955 | 0.61262 | 0.31936 | 0.57921 | 5 |
| 468 | 0.29817 | 0.21689 | 0.77622 | 0.49226 | 0.31855 | 5 |
| 469 | 0.29655 | 0.19113 | 0.8012 | 0.49105 | 0.31748 | 5 |
| 470 | 0.22169 | 0.17385 | 0.87219 | 0.48023 | 0.4447 | 5 |
| 471 | 0.30786 | 0.17986 | 0.82047 | 0.52098 | 0.30592 | 5 |
| 472 | 0.27902 | 0.09427 | 0.933 | 0.53604 | 0.35329 | 5 |
| 473 | 0.23618 | 0.18805 | 0.83097 | 0.47846 | 0.44795 | 5 |
| 474 | 0.2012 | 0.19639 | 0.74188 | 0.3974 | 0.61961 | 5 |
| 475 | 0.21793 | 0.26416 | 0.72833 | 0.40858 | 0.55999 | 5 |
| 476 | 0.22167 | 0.23493 | 0.73711 | 0.40729 | 0.56129 | 5 |
| 477 | 0.24173 | 0.17822 | 0.81307 | 0.44568 | 0.47441 | 5 |
| 478 | 0.24262 | 0.18288 | 0.86283 | 0.48265 | 0.40728 | 5 |
| 479 | 0.26264 | 0.15678 | 0.84429 | 0.49193 | 0.41938 | 5 |
| 480 | 0.20072 | 0.27304 | 0.71631 | 0.38765 | 0.63029 | 5 |

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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
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Lanjutan Lampiran 4

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 481 | 0.18111 | 0.33984 | 0.63079 | 0.35229 | 0.67406 | 5 |
| 482 | 0.22713 | 0.30943 | 0.60475 | 0.34649 | 0.5095 | 5 |
| 483 | 0.21902 | 0.32731 | 0.53323 | 0.32604 | 0.56075 | 5 |
| 484 | 0.21871 | 0.25369 | 0.78357 | 0.43712 | 0.449 | 5 |
| 485 | 0.28554 | 0.21929 | 0.67508 | 0.41435 | 0.4482 | 5 |
| 486 | 0.28059 | 0.21082 | 0.66525 | 0.41229 | 0.46567 | 5 |
| 487 | 0.23403 | 0.32145 | 0.56349 | 0.34438 | 0.47331 | 5 |
| 488 | 0.23588 | 0.17234 | 0.86358 | 0.48846 | 0.42339 | 5 |
| 489 | 0.22141 | 0.27785 | 0.75187 | 0.41124 | 0.42599 | 5 |
| 490 | 0.17392 | 0.13148 | 0.89976 | 0.45134 | 0.54832 | 5 |
| 491 | 0.17765 | 0.31464 | 0.7212 | 0.36594 | 0.50783 | 5 |
| 492 | 0.18686 | 0.24939 | 0.80015 | 0.41336 | 0.47636 | 5 |
| 493 | 0.27347 | 0.28605 | 0.65 | 0.40189 | 0.42324 | 5 |
| 494 | 0.27715 | 0.27821 | 0.64275 | 0.40833 | 0.41935 | 5 |
| 495 | 0.24709 | 0.34816 | 0.57246 | 0.3535 | 0.48753 | 5 |
| 496 | 0.27993 | 0.17119 | 0.7459 | 0.42404 | 0.45269 | 5 |
| 497 | 0.28458 | 0.24705 | 0.76722 | 0.47895 | 0.31942 | 5 |
| 498 | 0.27778 | 0.17028 | 0.80174 | 0.49035 | 0.36637 | 5 |
| 499 | 0.23889 | 0.38822 | 0.51491 | 0.32039 | 0.54011 | 5 |
| 500 | 0.28629 | 0.27786 | 0.69044 | 0.44437 | 0.34451 | 5 |

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Lampiran 5 Hasil Normalisasi GLCM

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|----------|-------------|---------|---------|--------|
| 1 | 0.06043 | 0.46069 | 0.49946 | 0.21095 | 0.86715 | 1 |
| 2 | 0.02889 | 0.52219 | 0.36468 | 0.126 | 0.8484 | 1 |
| 3 | 0.04499 | 0.38021 | 0.53597 | 0.25134 | 0.84679 | 1 |
| 4 | 0.08599 | 0.34398 | 0.37633 | 0.25598 | 0.69605 | 1 |
| 5 | 0.04684 | 0.53906 | 0.08151 | 0.09833 | 0.73555 | 1 |
| 6 | 0.11192 | 0.35193 | 0.30539 | 0.34886 | 0.65736 | 1 |
| 7 | 0.08132 | 0.33467 | 0.46362 | 0.22896 | 0.73113 | 1 |
| 8 | 0.06598 | 0.32848 | 0.49096 | 0.21066 | 0.7476 | 1 |
| 9 | 0.01969 | 0.6682 | 0.48433 | 0.12385 | 0.97691 | 1 |
| 10 | 0.06351 | 0.35596 | 0.44146 | 0.2002 | 0.7525 | 1 |
| 11 | 0.08675 | 0.31726 | 0.44617 | 0.25962 | 0.70107 | 1 |
| 12 | 0.07435 | 0.32457 | 0.463 | 0.23058 | 0.72897 | 1 |
| 13 | 0.01918 | 0.82415 | 0.414 | 0.06587 | 1 | 1 |
| 14 | 0.1149 | 0.18706 | 0.66381 | 0.3781 | 0.68278 | 1 |
| 15 | 0.0408 | 0.44395 | 0.38661 | 0.15173 | 0.80843 | 1 |
| 16 | 0.05542 | 0.38159 | 0.46463 | 0.28107 | 0.80398 | 1 |
| 17 | 0.09702 | 0.21011 | 0.68089 | 0.4004 | 0.75254 | 1 |
| 18 | 0.06314 | 0.42496 | 0.37997 | 0.18787 | 0.76298 | 1 |
| 19 | 0.02932 | 0.48526 | 0.61658 | 0.18032 | 0.95806 | 1 |
| 20 | 0.06853 | 0.2729 | 0.66944 | 0.38086 | 0.83007 | 1 |
| 21 | 0.08774 | 0.17208 | 0.77319 | 0.36666 | 0.77467 | 1 |
| 22 | 0.07794 | 0.21987 | 0.69963 | 0.33178 | 0.78137 | 1 |
| 23 | 0.15212 | 0.09136 | 0.88549 | 0.59462 | 0.73954 | 1 |
| 24 | 0.03089 | 0.59065 | 0.12152 | 0.117 | 0.80262 | 1 |
| 25 | 0.05226 | 0.4144 | 0.41168 | 0.29042 | 0.81492 | 1 |
| 26 | 0.09371 | 0.18368 | 0.73175 | 0.38226 | 0.75318 | 1 |
| 27 | 0.0247 | 0.52597 | 0.36558 | 0.13625 | 0.8627 | 1 |
| 28 | 0.01961 | 0.66446 | 0.41914 | 0.12173 | 0.9491 | 1 |
| 29 | 0.03396 | 0.40163 | 0.56823 | 0.17632 | 0.8871 | 1 |
| 30 | 0.0369 | 0.4982 | 0.37907 | 0.16 | 0.83451 | 1 |
| 31 | 0.13941 | 0.12335 | 0.80544 | 0.53149 | 0.71008 | 1 |
| 32 | 0.03308 | 0.31537 | 0.74501 | 0.26935 | 0.93828 | 1 |
| 33 | 0.03904 | 0.41066 | 0.51653 | 0.22853 | 0.85938 | 1 |
| 34 | 0.07102 | 0.27686 | 0.64508 | 0.39243 | 0.80829 | 1 |
| 35 | 0.0534 | 0.36218 | 0.52755 | 0.23666 | 0.82704 | 1 |
| 36 | 0.09752 | 0.19514 | 0.62353 | 0.34449 | 0.69207 | 1 |
| 37 | 0.05791 | 0.23694 | 0.76094 | 0.34142 | 0.87313 | 1 |
| 38 | 0 | 0.93943 | 0.20708 | 0.04271 | 0.98989 | 1 |
| 39 | 0.07072 | 0.25924 | 0.69454 | 0.31882 | 0.8161 | 1 |
| 40 | 0.07669 | 0.37454 | 0.25109 | 0.19229 | 0.67293 | 1 |

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Perpustakaan IPB University

Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|----------|-------------|----------|---------|--------|
| 41 | 0.08649 | 0.35113 | 0.40149 | 0.2586 | 0.71956 | 1 |
| 42 | 0.02876 | 0.52499 | 0.45429 | 0.21096 | 0.87757 | 1 |
| 43 | 0.06383 | 0.36545 | 0.23214 | 0.1884 | 0.67212 | 1 |
| 44 | 0.07025 | 0.25461 | 0.62662 | 0.28411 | 0.77515 | 1 |
| 45 | 0.14717 | 0.11604 | 0.71552 | 0.47714 | 0.61511 | 1 |
| 46 | 0.04307 | 0.36078 | 0.5722 | 0.1824 | 0.83142 | 1 |
| 47 | 0.08208 | 0.20157 | 0.68345 | 0.34367 | 0.75256 | 1 |
| 48 | 0.02945 | 0.37648 | 0.67874 | 0.23178 | 0.92269 | 1 |
| 49 | 0.05317 | 0.38071 | 0.43475 | 0.26971 | 0.79856 | 1 |
| 50 | 0.06496 | 0.21268 | 0.73212 | 0.34179 | 0.81902 | 1 |
| 51 | 0.03923 | 0.39456 | 0.57301 | 0.22038 | 0.87999 | 1 |
| 52 | 0.04499 | 0.31144 | 0.63211 | 0.20287 | 0.85123 | 1 |
| 53 | 0.03569 | 0.3942 | 0.57533 | 0.17619 | 0.88827 | 1 |
| 54 | 0.01014 | 0.65496 | 0.34754 | 0.0962 | 0.93953 | 1 |
| 55 | 0.0568 | 0.32501 | 0.50209 | 0.26508 | 0.7735 | 1 |
| 56 | 0.28577 | 0.01795 | 1 | 0.88672 | 0.62958 | 1 |
| 57 | 0.00575 | 0.69191 | 0.35201 | 0.04224 | 0.95172 | 1 |
| 58 | 0.07557 | 0.28759 | 0.49459 | 0.32146 | 0.7292 | 1 |
| 59 | 0.00067 | 0.92382 | 0.20837 | 6.35E-06 | 0.97727 | 1 |
| 60 | 0.05075 | 0.32575 | 0.54717 | 0.28648 | 0.81225 | 1 |
| 61 | 0.07712 | 0.41396 | 0.4102 | 0.31075 | 0.78875 | 1 |
| 62 | 0.07074 | 0.36629 | 0.69964 | 0.28237 | 0.91223 | 1 |
| 63 | 0.04476 | 0.37704 | 0.50058 | 0.23955 | 0.83025 | 1 |
| 64 | 0.08061 | 0.39076 | 0.41031 | 0.23916 | 0.75406 | 1 |
| 65 | 0.01016 | 1 | 0.13794 | 0 | 0.97103 | 1 |
| 66 | 0.01972 | 0.77684 | 0.23775 | 0.07422 | 0.92201 | 1 |
| 67 | 0.02867 | 0.50893 | 0.45783 | 0.15007 | 0.8691 | 1 |
| 68 | 0.05775 | 0.30288 | 0.58491 | 0.25825 | 0.8069 | 1 |
| 69 | 0.0555 | 0.6012 | 0.10691 | 0.14917 | 0.78555 | 1 |
| 70 | 0.03502 | 0.5531 | 0.4212 | 0.21972 | 0.91299 | 1 |
| 71 | 0.06035 | 0.39907 | 0.46886 | 0.29263 | 0.81631 | 1 |
| 72 | 0.08489 | 0.28703 | 0.57098 | 0.39483 | 0.77164 | 1 |
| 73 | 0.06296 | 0.25885 | 0.66556 | 0.31687 | 0.8087 | 1 |
| 74 | 0.04109 | 0.33562 | 0.64013 | 0.25529 | 0.88808 | 1 |
| 75 | 0.02466 | 0.39675 | 0.66203 | 0.20367 | 0.94635 | 1 |
| 76 | 0.07723 | 0.3131 | 0.46741 | 0.30716 | 0.73847 | 1 |
| 77 | 0.06416 | 0.47641 | 0.35605 | 0.24143 | 0.81005 | 1 |
| 78 | 0.0575 | 0.24128 | 0.71993 | 0.30183 | 0.84001 | 1 |
| 79 | 0.03075 | 0.59811 | 0.52304 | 0.15404 | 0.94743 | 1 |
| 80 | 0.03535 | 0.36229 | 0.62199 | 0.24844 | 0.89478 | 1 |

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Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 81 | 0.02718 | 0.56852 | 0.44023 | 0.2151 | 0.90777 | 1 |
| 82 | 0.02583 | 0.61315 | 0.4001 | 0.18149 | 0.90076 | 1 |
| 83 | 0.10884 | 0.16632 | 0.8386 | 0.43458 | 0.79168 | 1 |
| 84 | 0.05251 | 0.38102 | 0.57322 | 0.2172 | 0.84996 | 1 |
| 85 | 0.01172 | 0.75933 | 0.33993 | 0.0514 | 0.96808 | 1 |
| 86 | 0.03348 | 0.40044 | 0.57721 | 0.17199 | 0.86836 | 1 |
| 87 | 0.01738 | 0.62368 | 0.28885 | 0.07263 | 0.87169 | 1 |
| 88 | 0.02936 | 0.56281 | 0.25374 | 0.09857 | 0.82005 | 1 |
| 89 | 0.02623 | 0.43072 | 0.49089 | 0.13795 | 0.84533 | 1 |
| 90 | 0.07171 | 0.34502 | 0.52304 | 0.3808 | 0.81082 | 1 |
| 91 | 0.01515 | 0.82648 | 0.26066 | 0.11704 | 0.95264 | 1 |
| 92 | 0.03257 | 0.79797 | 0.17385 | 0.05439 | 0.90232 | 1 |
| 93 | 0.02259 | 0.55233 | 0.50476 | 0.12613 | 0.93243 | 1 |
| 94 | 0.04645 | 0.56174 | 0.40509 | 0.14369 | 0.88148 | 1 |
| 95 | 0.04413 | 0.6958 | 0.4083 | 0.09154 | 0.95452 | 1 |
| 96 | 0.02918 | 0.78855 | 0.37756 | 0.05988 | 0.98346 | 1 |
| 97 | 0.03404 | 0.64745 | 0.33857 | 0.09354 | 0.89875 | 1 |
| 98 | 0.04182 | 0.82411 | 0.12022 | 0.12311 | 0.89004 | 1 |
| 99 | 0.04391 | 0.50303 | 0.44398 | 0.2036 | 0.8701 | 1 |
| 100 | 0.05395 | 0.4774 | 0.5102 | 0.17508 | 0.88453 | 1 |
| 101 | 0.04916 | 0.47019 | 0.34844 | 0.21223 | 0.80174 | 2 |
| 102 | 0.04165 | 0.60756 | 0.16088 | 0.09225 | 0.79212 | 2 |
| 103 | 0.02401 | 0.52677 | 0.41016 | 0.168 | 0.87168 | 2 |
| 104 | 0.10763 | 0.29084 | 0.38049 | 0.3593 | 0.6566 | 2 |
| 105 | 0.0929 | 0.2455 | 0.53635 | 0.37201 | 0.70933 | 2 |
| 106 | 0.06063 | 0.32681 | 0.41634 | 0.21106 | 0.72677 | 2 |
| 107 | 0.1064 | 0.27217 | 0.4183 | 0.33507 | 0.65496 | 2 |
| 108 | 0.16309 | 0.10465 | 0.72338 | 0.49941 | 0.58448 | 2 |
| 109 | 0.10825 | 0.20413 | 0.52169 | 0.36694 | 0.63076 | 2 |
| 110 | 0.07744 | 0.29181 | 0.51689 | 0.32131 | 0.75111 | 2 |
| 111 | 0.02182 | 0.55189 | 0.16503 | 0.07122 | 0.8047 | 2 |
| 112 | 0.06242 | 0.37631 | 0.34293 | 0.21588 | 0.71524 | 2 |
| 113 | 0.04707 | 0.47153 | 0.35907 | 0.21271 | 0.80849 | 2 |
| 114 | 0.07575 | 0.49081 | 0.02556 | 0.16138 | 0.66951 | 2 |
| 115 | 0.04936 | 0.3806 | 0.37118 | 0.20161 | 0.75375 | 2 |
| 116 | 0.04872 | 0.38429 | 0.37592 | 0.22618 | 0.7605 | 2 |
| 117 | 0.06888 | 0.24867 | 0.59283 | 0.26806 | 0.74741 | 2 |
| 118 | 0.04447 | 0.46753 | 0.36668 | 0.13484 | 0.78475 | 2 |
| 119 | 0.04574 | 0.40392 | 0.37552 | 0.20261 | 0.7765 | 2 |
| 120 | 0.03944 | 0.43844 | 0.38365 | 0.207 | 0.8116 | 2 |

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Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 121 | 0.027 | 0.46165 | 0.37746 | 0.14596 | 0.83338 | 2 |
| 122 | 0.03432 | 0.6538 | 0.37879 | 0.08091 | 0.92632 | 2 |
| 123 | 0.05032 | 0.3462 | 0.47163 | 0.23753 | 0.77698 | 2 |
| 124 | 0.01934 | 0.64435 | 0.26273 | 0.07406 | 0.87214 | 2 |
| 125 | 0.07219 | 0.22533 | 0.63724 | 0.30571 | 0.7496 | 2 |
| 126 | 0.06181 | 0.28119 | 0.61186 | 0.29473 | 0.80775 | 2 |
| 127 | 0.0677 | 0.35619 | 0.43005 | 0.25982 | 0.74926 | 2 |
| 128 | 0.05343 | 0.41044 | 0.36071 | 0.20714 | 0.76771 | 2 |
| 129 | 0.03546 | 0.4835 | 0.39061 | 0.15239 | 0.82677 | 2 |
| 130 | 0.08563 | 0.27216 | 0.44615 | 0.27661 | 0.676 | 2 |
| 131 | 0.10679 | 0.26005 | 0.39459 | 0.3104 | 0.62532 | 2 |
| 132 | 0.06391 | 0.45923 | 0.32014 | 0.24644 | 0.77499 | 2 |
| 133 | 0.04077 | 0.73647 | 0.40811 | 0.05855 | 0.95707 | 2 |
| 134 | 0.03875 | 0.42431 | 0.57534 | 0.19985 | 0.89292 | 2 |
| 135 | 0.02685 | 0.5791 | 0.37012 | 0.14721 | 0.87368 | 2 |
| 136 | 0.03857 | 0.3732 | 0.61346 | 0.18626 | 0.85561 | 2 |
| 137 | 0.07729 | 0.41761 | 0.35158 | 0.28766 | 0.75375 | 2 |
| 138 | 0.05754 | 0.84465 | 0.14666 | 0.05112 | 0.90995 | 2 |
| 139 | 0.05669 | 0.33713 | 0.59861 | 0.34012 | 0.85875 | 2 |
| 140 | 0.05222 | 0.76872 | 0.2776 | 0.07953 | 0.9356 | 2 |
| 141 | 0.02227 | 0.52054 | 0.42249 | 0.11601 | 0.88619 | 2 |
| 142 | 0.01187 | 0.64301 | 0.34272 | 0.07447 | 0.91627 | 2 |
| 143 | 0.06954 | 0.45714 | 0.33757 | 0.29459 | 0.77338 | 2 |
| 144 | 0.07785 | 0.2784 | 0.63307 | 0.39909 | 0.814 | 2 |
| 145 | 0.04699 | 0.62689 | 0 | 0.13717 | 0.75838 | 2 |
| 146 | 0.05391 | 0.38569 | 0.44188 | 0.24284 | 0.78755 | 2 |
| 147 | 0.016 | 0.50313 | 0.34729 | 0.07899 | 0.84969 | 2 |
| 148 | 0.02987 | 0.40109 | 0.44018 | 0.13315 | 0.82446 | 2 |
| 149 | 0.04139 | 0.31315 | 0.57765 | 0.21557 | 0.82611 | 2 |
| 150 | 0.07388 | 0.21659 | 0.64022 | 0.28261 | 0.74023 | 2 |
| 151 | 0.03193 | 0.72451 | 0.22231 | 0.09547 | 0.87821 | 2 |
| 152 | 0.03876 | 0.33839 | 0.58774 | 0.20503 | 0.85056 | 2 |
| 153 | 0.08496 | 0.24162 | 0.58603 | 0.32964 | 0.7189 | 2 |
| 154 | 0.04656 | 0.35962 | 0.50307 | 0.20569 | 0.80756 | 2 |
| 155 | 0.05226 | 0.26131 | 0.65679 | 0.26895 | 0.81698 | 2 |
| 156 | 0.01808 | 0.47749 | 0.49676 | 0.14275 | 0.91297 | 2 |
| 157 | 0.05396 | 0.40658 | 0.44899 | 0.27566 | 0.81259 | 2 |
| 158 | 0.08019 | 0.40341 | 0.12113 | 0.25251 | 0.64845 | 2 |
| 159 | 0.06627 | 0.39253 | 0.42073 | 0.26989 | 0.78814 | 2 |
| 160 | 0.077 | 0.38197 | 0.24647 | 0.22686 | 0.66919 | 2 |

Hak cipta milik IPB University

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 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 161 | 0.06677 | 0.17667 | 0.78677 | 0.33114 | 0.81751 | 2 |
| 162 | 0.11604 | 0.18353 | 0.70838 | 0.4305 | 0.73169 | 2 |
| 163 | 0.02183 | 0.56724 | 0.50478 | 0.15477 | 0.93747 | 2 |
| 164 | 0.05406 | 0.36856 | 0.46072 | 0.24254 | 0.7825 | 2 |
| 165 | 0.07319 | 0.36311 | 0.46429 | 0.31388 | 0.78132 | 2 |
| 166 | 0.06193 | 0.28833 | 0.62352 | 0.28938 | 0.80328 | 2 |
| 167 | 0.0354 | 0.51707 | 0.38684 | 0.14724 | 0.84955 | 2 |
| 168 | 0.04884 | 0.36151 | 0.47976 | 0.1978 | 0.79424 | 2 |
| 169 | 0.04445 | 0.2988 | 0.74053 | 0.28638 | 0.91805 | 2 |
| 170 | 0.04439 | 0.32704 | 0.66474 | 0.28539 | 0.88291 | 2 |
| 171 | 0.03474 | 0.4021 | 0.63586 | 0.18565 | 0.91278 | 2 |
| 172 | 0.06663 | 0.31578 | 0.45875 | 0.25361 | 0.73014 | 2 |
| 173 | 0.04244 | 0.50124 | 0.26626 | 0.14843 | 0.7866 | 2 |
| 174 | 0.0168 | 0.56432 | 0.50013 | 0.11232 | 0.93212 | 2 |
| 175 | 0.05704 | 0.39317 | 0.30907 | 0.22918 | 0.72775 | 2 |
| 176 | 0.07756 | 0.3032 | 0.46058 | 0.30799 | 0.71607 | 2 |
| 177 | 0.0723 | 0.27584 | 0.49543 | 0.27062 | 0.70754 | 2 |
| 178 | 0.10487 | 0.17631 | 0.65794 | 0.35166 | 0.6714 | 2 |
| 179 | 0.07285 | 0.349 | 0.41622 | 0.29015 | 0.73479 | 2 |
| 180 | 0.04078 | 0.38853 | 0.36577 | 0.14775 | 0.75772 | 2 |
| 181 | 0.03646 | 0.45064 | 0.2697 | 0.12971 | 0.75997 | 2 |
| 182 | 0.09532 | 0.17563 | 0.67942 | 0.35615 | 0.69636 | 2 |
| 183 | 0.11241 | 0.16822 | 0.6617 | 0.40378 | 0.67252 | 2 |
| 184 | 0.07986 | 0.35959 | 0.49467 | 0.41794 | 0.79986 | 2 |
| 185 | 0.0982 | 0.21128 | 0.57833 | 0.36398 | 0.67781 | 2 |
| 186 | 0.04158 | 0.55997 | 0.37919 | 0.20138 | 0.85658 | 2 |
| 187 | 0.05603 | 0.35436 | 0.64835 | 0.29755 | 0.87178 | 2 |
| 188 | 0.04004 | 0.43992 | 0.65546 | 0.23673 | 0.94133 | 2 |
| 189 | 0.06863 | 0.33652 | 0.45991 | 0.29649 | 0.75666 | 2 |
| 190 | 0.08384 | 0.25443 | 0.52238 | 0.31392 | 0.69489 | 2 |
| 191 | 0.07174 | 0.37165 | 0.34381 | 0.30157 | 0.72953 | 2 |
| 192 | 0.09014 | 0.26444 | 0.46842 | 0.32701 | 0.67636 | 2 |
| 193 | 0.07944 | 0.35643 | 0.38495 | 0.34153 | 0.7381 | 2 |
| 194 | 0.05283 | 0.43243 | 0.34853 | 0.23262 | 0.77898 | 2 |
| 195 | 0.059 | 0.36044 | 0.47581 | 0.28041 | 0.79366 | 2 |
| 196 | 0.04867 | 0.41868 | 0.36929 | 0.23613 | 0.78647 | 2 |
| 197 | 0.05071 | 0.41852 | 0.37771 | 0.1798 | 0.77305 | 2 |
| 198 | 0.08738 | 0.20805 | 0.68819 | 0.35002 | 0.75293 | 2 |
| 199 | 0.01995 | 0.62932 | 0.29465 | 0.09447 | 0.88092 | 2 |
| 200 | 0.02712 | 0.50452 | 0.44869 | 0.18859 | 0.88206 | 2 |

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b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.



Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 201 | 0.23472 | 0.13731 | 0.4811 | 0.43874 | 0.44159 | 3 |
| 202 | 0.41444 | 0.02877 | 0.7736 | 0.86409 | 0.31428 | 3 |
| 203 | 0.13715 | 0.08968 | 0.93885 | 0.61741 | 0.83808 | 3 |
| 204 | 0.29546 | 0.05312 | 0.64786 | 0.61001 | 0.31615 | 3 |
| 205 | 0.36 | 0.03692 | 0.72814 | 0.73241 | 0.31388 | 3 |
| 206 | 0.32931 | 0.05584 | 0.61459 | 0.64624 | 0.2967 | 3 |
| 207 | 0.29027 | 0.06673 | 0.60357 | 0.58428 | 0.33216 | 3 |
| 208 | 0.20385 | 0.08504 | 0.72832 | 0.54481 | 0.50034 | 3 |
| 209 | 0.22337 | 0.0696 | 0.73809 | 0.5832 | 0.46209 | 3 |
| 210 | 0.23932 | 0.08729 | 0.67243 | 0.63552 | 0.46245 | 3 |
| 211 | 0.22487 | 0.07454 | 0.74274 | 0.55555 | 0.47131 | 3 |
| 212 | 0.24167 | 0.05779 | 0.79887 | 0.63774 | 0.48668 | 3 |
| 213 | 0.24739 | 0.11109 | 0.42726 | 0.46628 | 0.34838 | 3 |
| 214 | 0.09191 | 0.19185 | 0.87425 | 0.39175 | 0.90986 | 3 |
| 215 | 0.37257 | 0.01248 | 0.91441 | 0.83258 | 0.41585 | 3 |
| 216 | 0.28315 | 0.03817 | 0.83748 | 0.69988 | 0.45074 | 3 |
| 217 | 0.34251 | 0.06294 | 0.73411 | 0.80275 | 0.43391 | 3 |
| 218 | 0.20352 | 0.04963 | 0.88681 | 0.58884 | 0.55896 | 3 |
| 219 | 0.11501 | 0.16926 | 0.90975 | 0.44738 | 0.93156 | 3 |
| 220 | 0.2606 | 0.07717 | 0.72231 | 0.64552 | 0.46967 | 3 |
| 221 | 0.11606 | 0.18598 | 0.73756 | 0.37358 | 0.74067 | 3 |
| 222 | 0.17038 | 0.20522 | 0.56721 | 0.39414 | 0.62998 | 3 |
| 223 | 0.15101 | 0.12622 | 0.80494 | 0.5512 | 0.70712 | 3 |
| 224 | 0.24367 | 0.07418 | 0.85585 | 0.62001 | 0.60118 | 3 |
| 225 | 0.10848 | 0.17658 | 0.8957 | 0.43505 | 0.89999 | 3 |
| 226 | 0.14501 | 0.23272 | 0.41412 | 0.43612 | 0.5814 | 3 |
| 227 | 0.11385 | 0.26595 | 0.79517 | 0.33042 | 0.88091 | 3 |
| 228 | 0.16375 | 0.26937 | 0.77761 | 0.3098 | 0.83354 | 3 |
| 229 | 0.21714 | 0.15333 | 0.94774 | 0.47354 | 0.92854 | 3 |
| 230 | 0.23146 | 0.06277 | 0.82708 | 0.63753 | 0.52207 | 3 |
| 231 | 0.17391 | 0.07566 | 0.97603 | 0.80684 | 0.85235 | 3 |
| 232 | 0.29562 | 0.05742 | 0.8574 | 0.72207 | 0.55381 | 3 |
| 233 | 0.18784 | 0.13538 | 0.72868 | 0.45812 | 0.63372 | 3 |
| 234 | 0.24785 | 0.1317 | 0.66325 | 0.57869 | 0.55241 | 3 |
| 235 | 0.14275 | 0.22341 | 0.60696 | 0.32403 | 0.68163 | 3 |
| 236 | 0.21318 | 0.1408 | 0.69785 | 0.46978 | 0.60976 | 3 |
| 237 | 0.21587 | 0.14789 | 0.69366 | 0.44578 | 0.61765 | 3 |
| 238 | 0.26689 | 0.10022 | 0.72557 | 0.68037 | 0.53119 | 3 |
| 239 | 0.24844 | 0.10443 | 0.57075 | 0.59748 | 0.43334 | 3 |
| 240 | 0.11424 | 0.09888 | 0.96498 | 0.61405 | 0.8765 | 3 |

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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 241 | 0.21053 | 0.09115 | 0.71319 | 0.52163 | 0.49235 | 3 |
| 242 | 0.1403 | 0.09357 | 0.92844 | 0.54837 | 0.78552 | 3 |
| 243 | 0.1944 | 0.08049 | 0.82039 | 0.56515 | 0.58216 | 3 |
| 244 | 0.27139 | 0.0755 | 0.7463 | 0.65516 | 0.46514 | 3 |
| 245 | 0.37678 | 0.0444 | 0.82847 | 0.82891 | 0.43718 | 3 |
| 246 | 0.14035 | 0.14061 | 0.80015 | 0.41559 | 0.70876 | 3 |
| 247 | 0.23955 | 0.08067 | 0.79269 | 0.62151 | 0.53263 | 3 |
| 248 | 0.10396 | 0.13191 | 0.83007 | 0.47144 | 0.76658 | 3 |
| 249 | 0.19969 | 0.12065 | 0.944 | 0.65916 | 0.83024 | 3 |
| 250 | 0.14614 | 0.1509 | 0.61493 | 0.46721 | 0.57895 | 3 |
| 251 | 0.13393 | 0.22339 | 0.664 | 0.34309 | 0.7221 | 3 |
| 252 | 0.16293 | 0.19176 | 0.49162 | 0.4513 | 0.56321 | 3 |
| 253 | 0.23925 | 0.07428 | 0.81234 | 0.64617 | 0.55173 | 3 |
| 254 | 0.32013 | 0.04139 | 0.83202 | 0.85676 | 0.47096 | 3 |
| 255 | 0.26713 | 0.111 | 0.62427 | 0.51793 | 0.44763 | 3 |
| 256 | 0.20844 | 0.11143 | 0.73282 | 0.51518 | 0.55949 | 3 |
| 257 | 0.23042 | 0.15757 | 0.49859 | 0.56126 | 0.49797 | 3 |
| 258 | 0.20716 | 0.07269 | 0.83083 | 0.66857 | 0.59811 | 3 |
| 259 | 0.16735 | 0.11543 | 0.7961 | 0.60086 | 0.68376 | 3 |
| 260 | 0.21344 | 0.12437 | 0.80202 | 0.72925 | 0.70088 | 3 |
| 261 | 0.13422 | 0.13703 | 0.78665 | 0.55561 | 0.72483 | 3 |
| 262 | 0.14174 | 0.12356 | 0.87098 | 0.58913 | 0.80072 | 3 |
| 263 | 0.40853 | 0.02056 | 0.8891 | 0.91773 | 0.41809 | 3 |
| 264 | 0.23785 | 0.12014 | 0.72242 | 0.52565 | 0.56122 | 3 |
| 265 | 0.12132 | 0.17082 | 0.70085 | 0.40214 | 0.67168 | 3 |
| 266 | 0.31845 | 0.03087 | 0.94028 | 0.73954 | 0.51066 | 3 |
| 267 | 0.22588 | 0.05115 | 0.93409 | 0.65982 | 0.59129 | 3 |
| 268 | 0.21516 | 0.12364 | 0.64575 | 0.59033 | 0.53944 | 3 |
| 269 | 0.28139 | 0.04056 | 0.86149 | 0.72439 | 0.48884 | 3 |
| 270 | 0.30257 | 0.03087 | 0.96582 | 0.82279 | 0.58017 | 3 |
| 271 | 0.27096 | 0.05633 | 0.78406 | 0.6764 | 0.46206 | 3 |
| 272 | 0.5211 | 0.00615 | 0.93454 | 0.95527 | 0.33404 | 3 |
| 273 | 0.37903 | 0.01948 | 0.8646 | 0.73367 | 0.34115 | 3 |
| 274 | 0.16979 | 0.10488 | 0.6783 | 0.45191 | 0.50836 | 3 |
| 275 | 0.13613 | 0.23754 | 0.41543 | 0.31414 | 0.59352 | 3 |
| 276 | 0.16778 | 0.18001 | 0.5074 | 0.38055 | 0.55364 | 3 |
| 277 | 0.09702 | 0.19729 | 0.67774 | 0.36211 | 0.71699 | 3 |
| 278 | 0.15771 | 0.08285 | 0.97686 | 0.70996 | 0.84518 | 3 |
| 279 | 0.11607 | 0.14513 | 0.90947 | 0.44338 | 0.88017 | 3 |
| 280 | 0.19786 | 0.18423 | 0.43219 | 0.42024 | 0.50425 | 3 |

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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
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Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 281 | 0.20447 | 0.1524 | 0.50455 | 0.52156 | 0.49313 | 3 |
| 282 | 0.18508 | 0.17782 | 0.43646 | 0.45555 | 0.499 | 3 |
| 283 | 0.15037 | 0.18664 | 0.47578 | 0.36553 | 0.53997 | 3 |
| 284 | 0.21767 | 0.156 | 0.55624 | 0.55677 | 0.526 | 3 |
| 285 | 0.18292 | 0.14559 | 0.58162 | 0.51476 | 0.53531 | 3 |
| 286 | 0.16589 | 0.16881 | 0.62419 | 0.48329 | 0.59276 | 3 |
| 287 | 0.15563 | 0.19151 | 0.58121 | 0.40138 | 0.61978 | 3 |
| 288 | 0.13271 | 0.18238 | 0.63886 | 0.38222 | 0.64732 | 3 |
| 289 | 0.13134 | 0.15239 | 0.81833 | 0.51501 | 0.76905 | 3 |
| 290 | 0.1503 | 0.17747 | 0.56054 | 0.44117 | 0.57886 | 3 |
| 291 | 0.1042 | 0.23301 | 0.69368 | 0.36333 | 0.77484 | 3 |
| 292 | 0.15779 | 0.19129 | 0.67749 | 0.39787 | 0.65747 | 3 |
| 293 | 0.1108 | 0.20433 | 0.70413 | 0.41644 | 0.74466 | 3 |
| 294 | 0.10272 | 0.24323 | 0.64465 | 0.39143 | 0.75134 | 3 |
| 295 | 0.15577 | 0.18039 | 0.70757 | 0.61586 | 0.70586 | 3 |
| 296 | 0.18973 | 0.10751 | 0.7777 | 0.56946 | 0.61374 | 3 |
| 297 | 0.19036 | 0.08031 | 0.88799 | 0.69657 | 0.6999 | 3 |
| 298 | 0.27825 | 0.03706 | 0.98216 | 0.75038 | 0.64063 | 3 |
| 299 | 0.24478 | 0.08565 | 0.80576 | 0.73272 | 0.60201 | 3 |
| 300 | 0.1217 | 0.11486 | 0.93987 | 0.55407 | 0.87506 | 3 |
| 301 | 0.47482 | 0.42561 | 0.28907 | 0.24608 | 0.63402 | 4 |
| 302 | 0.3601 | 0.21553 | 0.71735 | 0.59621 | 0.72467 | 4 |
| 303 | 0.74055 | 0.25416 | 0.59119 | 0.50296 | 0.63391 | 4 |
| 304 | 0.56752 | 0.31242 | 0.63872 | 0.39865 | 0.75377 | 4 |
| 305 | 0.58734 | 0.19445 | 0.80264 | 0.54076 | 0.75971 | 4 |
| 306 | 0.37588 | 0.2571 | 0.72083 | 0.41166 | 0.77133 | 4 |
| 307 | 0.46161 | 0.27909 | 0.73059 | 0.36579 | 0.7918 | 4 |
| 308 | 0.24969 | 0.28458 | 0.76679 | 0.37944 | 0.89108 | 4 |
| 309 | 0.5719 | 0.43094 | 0.59098 | 0.28755 | 0.81865 | 4 |
| 310 | 0.58289 | 0.24917 | 0.62282 | 0.3946 | 0.65651 | 4 |
| 311 | 0.71155 | 0.2269 | 0.62621 | 0.47783 | 0.61653 | 4 |
| 312 | 0.52565 | 0.20034 | 0.60094 | 0.54746 | 0.57898 | 4 |
| 313 | 0.58182 | 0.34235 | 0.47728 | 0.35534 | 0.64715 | 4 |
| 314 | 0.56209 | 0.11776 | 0.81203 | 0.59951 | 0.60704 | 4 |
| 315 | 0.21125 | 0.21772 | 0.77326 | 0.55794 | 0.81358 | 4 |
| 316 | 0.60985 | 0.14427 | 0.74053 | 0.58194 | 0.5902 | 4 |
| 317 | 0.65989 | 0.15783 | 0.74894 | 0.51153 | 0.62519 | 4 |
| 318 | 0.34895 | 0.10707 | 0.73734 | 0.56412 | 0.54151 | 4 |
| 319 | 0.64163 | 0.05554 | 0.77907 | 0.75787 | 0.37806 | 4 |
| 320 | 0.68703 | 0.05954 | 0.78906 | 0.70021 | 0.40802 | 4 |

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2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 321 | 0.54152 | 0.14456 | 0.74359 | 0.54846 | 0.57408 | 4 |
| 322 | 0.59304 | 0.02418 | 0.90027 | 0.83738 | 0.41327 | 4 |
| 323 | 0.30617 | 0.13243 | 0.68132 | 0.59942 | 0.5315 | 4 |
| 324 | 0.72319 | 0.23742 | 0.70177 | 0.52904 | 0.71483 | 4 |
| 325 | 0.57812 | 0.05091 | 0.85167 | 0.80564 | 0.47603 | 4 |
| 326 | 0.55442 | 0.08799 | 0.74423 | 0.83534 | 0.48782 | 4 |
| 327 | 0.67932 | 0.02626 | 0.90166 | 0.98511 | 0.42883 | 4 |
| 328 | 0.38564 | 0.17703 | 0.77846 | 0.61911 | 0.71426 | 4 |
| 329 | 0.4326 | 0.2788 | 0.6976 | 0.46535 | 0.76817 | 4 |
| 330 | 0.27147 | 0.29267 | 0.70419 | 0.35926 | 0.81645 | 4 |
| 331 | 0.29893 | 0.21519 | 0.77537 | 0.48717 | 0.80052 | 4 |
| 332 | 0.48726 | 0.28289 | 0.69452 | 0.35592 | 0.76171 | 4 |
| 333 | 0.33946 | 0.20477 | 0.68285 | 0.477 | 0.67109 | 4 |
| 334 | 0.64481 | 0.35737 | 0.6213 | 0.32367 | 0.75705 | 4 |
| 335 | 0.67759 | 0.20431 | 0.68837 | 0.55281 | 0.64036 | 4 |
| 336 | 0.39667 | 0.20504 | 0.49435 | 0.56773 | 0.54216 | 4 |
| 337 | 0.31343 | 0.1997 | 0.67019 | 0.53949 | 0.64374 | 4 |
| 338 | 0.3086 | 0.20219 | 0.67003 | 0.4254 | 0.65691 | 4 |
| 339 | 0.30271 | 0.31145 | 0.59558 | 0.2813 | 0.72977 | 4 |
| 340 | 0.36714 | 0.17785 | 0.65045 | 0.64184 | 0.61165 | 4 |
| 341 | 0.38366 | 0.13218 | 0.75341 | 0.5369 | 0.59065 | 4 |
| 342 | 0.38367 | 0.08721 | 0.83499 | 0.68455 | 0.60398 | 4 |
| 343 | 0.52409 | 0.20288 | 0.64825 | 0.55776 | 0.61757 | 4 |
| 344 | 0.38193 | 0.22705 | 0.50307 | 0.51128 | 0.58173 | 4 |
| 345 | 0.51726 | 0.20104 | 0.5277 | 0.54069 | 0.55003 | 4 |
| 346 | 0.71296 | 0.16763 | 0.69003 | 0.50893 | 0.56505 | 4 |
| 347 | 0.37138 | 0.22744 | 0.57015 | 0.47497 | 0.62203 | 4 |
| 348 | 0.53715 | 0.38569 | 0.4345 | 0.28443 | 0.69206 | 4 |
| 349 | 0.37297 | 0.2491 | 0.59883 | 0.39442 | 0.65943 | 4 |
| 350 | 0.38199 | 0.31429 | 0.5129 | 0.36903 | 0.67307 | 4 |
| 351 | 0.34119 | 0.38046 | 0.40278 | 0.2947 | 0.6968 | 4 |
| 352 | 0.36275 | 0.39676 | 0.38155 | 0.32049 | 0.69596 | 4 |
| 353 | 0.37451 | 0.22494 | 0.73094 | 0.65062 | 0.73776 | 4 |
| 354 | 0.38634 | 0.36195 | 0.5369 | 0.46414 | 0.73028 | 4 |
| 355 | 0.30052 | 0.20811 | 0.83549 | 0.44976 | 0.8282 | 4 |
| 356 | 0.78173 | 0.32711 | 0.38039 | 0.4112 | 0.57735 | 4 |
| 357 | 0.63382 | 0.1564 | 0.79542 | 0.55331 | 0.6753 | 4 |
| 358 | 0.8233 | 0.31436 | 0.42726 | 0.44146 | 0.58525 | 4 |
| 359 | 0.45792 | 0.3442 | 0.42351 | 0.47704 | 0.65769 | 4 |
| 360 | 0.39163 | 0.46894 | 0.34852 | 0.3435 | 0.71254 | 4 |

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Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 361 | 0.56261 | 0.26449 | 0.49764 | 0.43462 | 0.59436 | 4 |
| 362 | 0.58026 | 0.27211 | 0.4794 | 0.38964 | 0.57936 | 4 |
| 363 | 0.67012 | 0.19852 | 0.62647 | 0.53231 | 0.5684 | 4 |
| 364 | 0.88593 | 0.2818 | 0.37023 | 0.45689 | 0.52082 | 4 |
| 365 | 0.76247 | 0.30041 | 0.3244 | 0.44992 | 0.51987 | 4 |
| 366 | 0.89237 | 0.3566 | 0.276 | 0.39372 | 0.54474 | 4 |
| 367 | 0.6009 | 0.29536 | 0.47962 | 0.34547 | 0.60811 | 4 |
| 368 | 0.84767 | 0.27669 | 0.58889 | 0.4296 | 0.65054 | 4 |
| 369 | 0.86295 | 0.3147 | 0.47094 | 0.36953 | 0.60963 | 4 |
| 370 | 0.51583 | 0.3511 | 0.45649 | 0.3684 | 0.67146 | 4 |
| 371 | 0.63961 | 0.2012 | 0.57431 | 0.47253 | 0.55153 | 4 |
| 372 | 0.65927 | 0.08269 | 0.85762 | 0.66716 | 0.59316 | 4 |
| 373 | 0.51174 | 0.10734 | 0.86322 | 0.65691 | 0.67359 | 4 |
| 374 | 0.32765 | 0.33347 | 0.77407 | 0.37439 | 0.91974 | 4 |
| 375 | 0.89352 | 0.30097 | 0.39389 | 0.38941 | 0.56224 | 4 |
| 376 | 0.68282 | 0.21319 | 0.39081 | 0.48217 | 0.46425 | 4 |
| 377 | 1 | 0.47727 | 0.19237 | 0.3413 | 0.60932 | 4 |
| 378 | 0.90057 | 0.46509 | 0.30672 | 0.32902 | 0.6603 | 4 |
| 379 | 0.54295 | 0.18842 | 0.66527 | 0.41968 | 0.60906 | 4 |
| 380 | 0.47025 | 0.18016 | 0.51203 | 0.56542 | 0.5024 | 4 |
| 381 | 0.42331 | 0.23869 | 0.49993 | 0.47089 | 0.59561 | 4 |
| 382 | 0.71375 | 0.19032 | 0.5751 | 0.57993 | 0.52209 | 4 |
| 383 | 0.28279 | 0.24505 | 0.54738 | 0.38686 | 0.65399 | 4 |
| 384 | 0.36429 | 0.32896 | 0.42655 | 0.36749 | 0.66217 | 4 |
| 385 | 0.25801 | 0.17498 | 0.77878 | 0.77977 | 0.76771 | 4 |
| 386 | 0.19644 | 0.23679 | 0.75212 | 0.57712 | 0.82862 | 4 |
| 387 | 0.51726 | 0.20104 | 0.5277 | 0.54069 | 0.55003 | 4 |
| 388 | 0.46624 | 0.23543 | 0.46393 | 0.45161 | 0.56285 | 4 |
| 389 | 0.48948 | 0.22848 | 0.48273 | 0.47391 | 0.56482 | 4 |
| 390 | 0.33489 | 0.24522 | 0.65672 | 0.52415 | 0.72091 | 4 |
| 391 | 0.56366 | 0.28041 | 0.45656 | 0.3854 | 0.59925 | 4 |
| 392 | 0.53112 | 0.12502 | 0.67495 | 0.74296 | 0.52438 | 4 |
| 393 | 0.2582 | 0.11794 | 0.85245 | 0.6825 | 0.71036 | 4 |
| 394 | 0.33626 | 0.19173 | 0.69762 | 0.43342 | 0.64392 | 4 |
| 395 | 0.36008 | 0.31286 | 0.52152 | 0.31247 | 0.70332 | 4 |
| 396 | 0.38718 | 0.19241 | 0.59613 | 0.63039 | 0.60738 | 4 |
| 397 | 0.43145 | 0.19187 | 0.65888 | 0.58538 | 0.6434 | 4 |
| 398 | 0.42591 | 0.06161 | 0.96565 | 0.68855 | 0.74586 | 4 |
| 399 | 0.65289 | 0.27754 | 0.67761 | 0.41797 | 0.74675 | 4 |
| 400 | 0.36786 | 0.38306 | 0.69399 | 0.27913 | 0.89287 | 4 |

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 2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 401 | 0.33777 | 0.04011 | 0.81428 | 0.77191 | 0.43463 | 5 |
| 402 | 0.2766 | 0.04997 | 0.80471 | 0.6461 | 0.4543 | 5 |
| 403 | 0.36725 | 0.04073 | 0.68366 | 0.69316 | 0.28945 | 5 |
| 404 | 0.35337 | 0.02544 | 0.85586 | 0.79572 | 0.40295 | 5 |
| 405 | 0.48431 | 0.01558 | 0.81536 | 0.88002 | 0.27611 | 5 |
| 406 | 0.23045 | 0.07417 | 0.7179 | 0.54648 | 0.45538 | 5 |
| 407 | 0.23177 | 0.0566 | 0.81482 | 0.62835 | 0.51658 | 5 |
| 408 | 0.48154 | 0.01999 | 0.79504 | 0.87805 | 0.28166 | 5 |
| 409 | 0.21767 | 0.05606 | 0.85236 | 0.60321 | 0.56204 | 5 |
| 410 | 0.25293 | 0.05326 | 0.83431 | 0.62705 | 0.50797 | 5 |
| 411 | 0.2891 | 0.04028 | 0.86121 | 0.7029 | 0.49084 | 5 |
| 412 | 0.40516 | 0.03913 | 0.69951 | 0.69563 | 0.27037 | 5 |
| 413 | 0.7525 | 0 | 0.77692 | 1 | 0.09609 | 5 |
| 414 | 0.29606 | 0.04681 | 0.7445 | 0.65072 | 0.39261 | 5 |
| 415 | 0.48516 | 0.01976 | 0.79168 | 0.8776 | 0.27658 | 5 |
| 416 | 0.29961 | 0.04567 | 0.82797 | 0.72604 | 0.47334 | 5 |
| 417 | 0.57358 | 0.01756 | 0.69724 | 0.86601 | 0.16183 | 5 |
| 418 | 0.4687 | 0.03452 | 0.56585 | 0.69743 | 0.16067 | 5 |
| 419 | 0.44631 | 0.03532 | 0.57813 | 0.69097 | 0.1725 | 5 |
| 420 | 0.53668 | 0.01949 | 0.67239 | 0.78112 | 0.13817 | 5 |
| 421 | 0.47662 | 0.03424 | 0.582 | 0.696 | 0.15172 | 5 |
| 422 | 0.44449 | 0.0312 | 0.63644 | 0.69687 | 0.18792 | 5 |
| 423 | 0.44337 | 0.03266 | 0.61833 | 0.68612 | 0.17787 | 5 |
| 424 | 0.74254 | 0.00802 | 0.59929 | 0.91919 | 0.00387 | 5 |
| 425 | 0.47873 | 0.03533 | 0.55043 | 0.69768 | 0.13703 | 5 |
| 426 | 0.59011 | 0.02203 | 0.58254 | 0.73511 | 0.05912 | 5 |
| 427 | 0.44517 | 0.01403 | 0.85323 | 0.87203 | 0.32209 | 5 |
| 428 | 0.44586 | 0.03986 | 0.53366 | 0.68578 | 0.16759 | 5 |
| 429 | 0.20704 | 0.07083 | 0.81798 | 0.57949 | 0.57432 | 5 |
| 430 | 0.49519 | 0.01359 | 0.77126 | 0.84713 | 0.22463 | 5 |
| 431 | 0.59007 | 0.01308 | 0.6954 | 0.84911 | 0.12949 | 5 |
| 432 | 0.33519 | 0.05176 | 0.60066 | 0.6341 | 0.28272 | 5 |
| 433 | 0.4084 | 0.02755 | 0.79277 | 0.81144 | 0.33461 | 5 |
| 434 | 0.29591 | 0.04522 | 0.76113 | 0.63793 | 0.39196 | 5 |
| 435 | 0.54815 | 0.01595 | 0.6495 | 0.83688 | 0.13099 | 5 |
| 436 | 0.5084 | 0.01133 | 0.81176 | 0.89144 | 0.24621 | 5 |
| 437 | 0.20715 | 0.05003 | 0.90285 | 0.65929 | 0.62686 | 5 |
| 438 | 0.42403 | 0.02089 | 0.77953 | 0.83072 | 0.28397 | 5 |
| 439 | 0.35256 | 0.0401 | 0.66876 | 0.68519 | 0.27937 | 5 |
| 440 | 0.31341 | 0.04179 | 0.75865 | 0.69121 | 0.38427 | 5 |

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Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 441 | 0.37185 | 0.03795 | 0.76443 | 0.76856 | 0.36261 | 5 |
| 442 | 0.44517 | 0.01403 | 0.85323 | 0.87203 | 0.32209 | 5 |
| 443 | 0.27613 | 0.04997 | 0.79726 | 0.67932 | 0.46105 | 5 |
| 444 | 0.37582 | 0.01595 | 0.8768 | 0.88722 | 0.39754 | 5 |
| 445 | 0.27723 | 0.03973 | 0.81736 | 0.727 | 0.45579 | 5 |
| 446 | 0.49647 | 0.01196 | 0.78065 | 0.90551 | 0.23641 | 5 |
| 447 | 0.29382 | 0.03612 | 0.79626 | 0.69974 | 0.40572 | 5 |
| 448 | 0.33935 | 0.03656 | 0.78301 | 0.76031 | 0.38816 | 5 |
| 449 | 0.33154 | 0.0321 | 0.85556 | 0.81985 | 0.4663 | 5 |
| 450 | 0.36328 | 0.03119 | 0.76978 | 0.78177 | 0.33155 | 5 |
| 451 | 0.30605 | 0.05188 | 0.79707 | 0.72742 | 0.4713 | 5 |
| 452 | 0.36257 | 0.03065 | 0.77553 | 0.76883 | 0.33514 | 5 |
| 453 | 0.48047 | 0.02361 | 0.74887 | 0.86257 | 0.25441 | 5 |
| 454 | 0.35907 | 0.03875 | 0.69607 | 0.71203 | 0.29628 | 5 |
| 455 | 0.3645 | 0.04304 | 0.69326 | 0.74038 | 0.3241 | 5 |
| 456 | 0.44026 | 0.02382 | 0.76633 | 0.79067 | 0.27799 | 5 |
| 457 | 0.41316 | 0.03372 | 0.54059 | 0.71472 | 0.17089 | 5 |
| 458 | 0.39139 | 0.03095 | 0.76655 | 0.80962 | 0.32012 | 5 |
| 459 | 0.40621 | 0.03284 | 0.75838 | 0.83238 | 0.31576 | 5 |
| 460 | 0.35724 | 0.0237 | 0.8931 | 0.80395 | 0.4354 | 5 |
| 461 | 0.42477 | 0.03476 | 0.70335 | 0.79757 | 0.2641 | 5 |
| 462 | 0.26364 | 0.04207 | 0.86114 | 0.72288 | 0.52878 | 5 |
| 463 | 0.41669 | 0.03001 | 0.73421 | 0.76061 | 0.26026 | 5 |
| 464 | 0.24544 | 0.05664 | 0.7884 | 0.6171 | 0.46337 | 5 |
| 465 | 0.42788 | 0.03327 | 0.77696 | 0.85003 | 0.34878 | 5 |
| 466 | 0.31488 | 0.0518 | 0.68294 | 0.6642 | 0.33881 | 5 |
| 467 | 0.3036 | 0.052 | 0.66216 | 0.64666 | 0.34011 | 5 |
| 468 | 0.46277 | 0.01821 | 0.80941 | 0.86398 | 0.29762 | 5 |
| 469 | 0.54195 | 0.01512 | 0.78363 | 0.8968 | 0.23628 | 5 |
| 470 | 0.25707 | 0.04464 | 0.86385 | 0.73145 | 0.53325 | 5 |
| 471 | 0.46792 | 0.02028 | 0.79243 | 0.90209 | 0.29511 | 5 |
| 472 | 0.37288 | 0.02321 | 0.86255 | 0.82584 | 0.4087 | 5 |
| 473 | 0.33134 | 0.04965 | 0.79017 | 0.77349 | 0.44709 | 5 |
| 474 | 0.26685 | 0.04795 | 0.8758 | 0.68951 | 0.50155 | 5 |
| 475 | 0.24781 | 0.07883 | 0.80534 | 0.62655 | 0.49872 | 5 |
| 476 | 0.28436 | 0.06757 | 0.80362 | 0.67759 | 0.45637 | 5 |
| 477 | 0.25579 | 0.05393 | 0.86226 | 0.70867 | 0.52826 | 5 |
| 478 | 0.254 | 0.0421 | 0.84929 | 0.66571 | 0.50178 | 5 |
| 479 | 0.37983 | 0.02951 | 0.82331 | 0.79457 | 0.38015 | 5 |
| 480 | 0.20055 | 0.09874 | 0.80782 | 0.54747 | 0.56805 | 5 |

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Lanjutan Lampiran 5

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 481 | 0.21377 | 0.10618 | 0.78523 | 0.57557 | 0.55374 | 5 |
| 482 | 0.49027 | 0.02276 | 0.6183 | 0.76547 | 0.14804 | 5 |
| 483 | 0.47556 | 0.02748 | 0.58281 | 0.76002 | 0.15295 | 5 |
| 484 | 0.26229 | 0.05248 | 0.80686 | 0.67024 | 0.48949 | 5 |
| 485 | 0.5154 | 0.01031 | 0.7263 | 0.83216 | 0.14667 | 5 |
| 486 | 0.4849 | 0.00829 | 0.79935 | 0.85481 | 0.21472 | 5 |
| 487 | 0.70113 | 0.00847 | 0.57826 | 0.85098 | 0 | 5 |
| 488 | 0.28258 | 0.03923 | 0.84615 | 0.74207 | 0.48601 | 5 |
| 489 | 0.24902 | 0.06916 | 0.75521 | 0.61898 | 0.48566 | 5 |
| 490 | 0.22455 | 0.05871 | 0.8447 | 0.62883 | 0.55164 | 5 |
| 491 | 0.21802 | 0.07832 | 0.75012 | 0.5754 | 0.5128 | 5 |
| 492 | 0.26432 | 0.08052 | 0.75746 | 0.64055 | 0.50111 | 5 |
| 493 | 0.46479 | 0.02199 | 0.64206 | 0.75643 | 0.16927 | 5 |
| 494 | 0.52109 | 0.01778 | 0.63437 | 0.80738 | 0.12721 | 5 |
| 495 | 0.46716 | 0.03148 | 0.52625 | 0.7273 | 0.13425 | 5 |
| 496 | 0.53757 | 0.00775 | 0.72294 | 0.82634 | 0.12756 | 5 |
| 497 | 0.37077 | 0.03803 | 0.7432 | 0.73816 | 0.3284 | 5 |
| 498 | 0.4842 | 0.01558 | 0.8154 | 0.87976 | 0.27622 | 5 |
| 499 | 0.45743 | 0.03077 | 0.5079 | 0.73298 | 0.1229 | 5 |
| 500 | 0.57299 | 0.01933 | 0.58216 | 0.83476 | 0.09688 | 5 |

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Lampiran 6 Data pengacakan LBP GLCM

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|----------|-------------|---------|---------|--------|
| 1 | 0.04834 | 0.60115 | 0.43239 | 0.13222 | 0.80796 | 2 |
| 2 | 0.21594 | 0.21045 | 0.77944 | 0.46878 | 0.62119 | 3 |
| 3 | 0.25791 | 0.1494 | 0.86211 | 0.50088 | 0.40332 | 5 |
| 4 | 0.333 | 0.20966 | 0.86832 | 0.58877 | 0.29216 | 3 |
| 5 | 0.18262 | 0.20931 | 0.83287 | 0.45749 | 0.55732 | 3 |
| 6 | 0.69128 | 0.48087 | 0.56643 | 0.71143 | 0.3322 | 4 |
| 7 | 0.17935 | 0.55079 | 0.40977 | 0.24762 | 0.68812 | 3 |
| 8 | 0.19735 | 0.41893 | 0.60635 | 0.33818 | 0.62029 | 3 |
| 9 | 0.03289 | 0.55017 | 0.45366 | 0.12872 | 0.84766 | 2 |
| 10 | 0.21407 | 0.28628 | 0.75275 | 0.40169 | 0.43774 | 5 |
| 11 | 0.0113 | 0.66824 | 0.30645 | 0.05197 | 0.93332 | 2 |
| 12 | 0.30097 | 0.23707 | 0.68208 | 0.4476 | 0.34734 | 5 |
| 13 | 0.03471 | 0.54419 | 0.44532 | 0.11073 | 0.84144 | 2 |
| 14 | 0.76056 | 0 | 1 | 0.9513 | 0.2064 | 4 |
| 15 | 0.28629 | 0.27786 | 0.69044 | 0.44437 | 0.34451 | 5 |
| 16 | 0.19993 | 0.354 | 0.6131 | 0.34563 | 0.50746 | 3 |
| 17 | 0.00665 | 0.68432 | 0.28887 | 0.04529 | 0.94815 | 2 |
| 18 | 0.30236 | 0.33827 | 0.60833 | 0.43509 | 0.49815 | 3 |
| 19 | 0.0543 | 0.46555 | 0.52713 | 0.18456 | 0.82762 | 1 |
| 20 | 0.23581 | 0.4711 | 0.57091 | 0.37338 | 0.51301 | 3 |
| 21 | 0.18665 | 0.39137 | 0.59215 | 0.3165 | 0.55931 | 3 |
| 22 | 0.28059 | 0.21082 | 0.66525 | 0.41229 | 0.46567 | 5 |
| 23 | 0.05458 | 0.38371 | 0.62033 | 0.22742 | 0.85463 | 1 |
| 24 | 0.07738 | 0.51105 | 0.50517 | 0.19292 | 0.78106 | 1 |
| 25 | 0.03615 | 0.44456 | 0.53328 | 0.14824 | 0.87365 | 2 |
| 26 | 0.20718 | 0.14773 | 0.88529 | 0.47487 | 0.46773 | 3 |
| 27 | 0.20004 | 0.39047 | 0.59841 | 0.31741 | 0.50284 | 5 |
| 28 | 0.00206 | 0.58842 | 0.37349 | 0.062 | 0.95951 | 2 |
| 29 | 0.04855 | 0.38539 | 0.6008 | 0.17384 | 0.82745 | 2 |
| 30 | 0.48836 | 0.4865 | 0.57751 | 0.59371 | 0.40106 | 4 |
| 31 | 0.05941 | 0.77888 | 0.33089 | 0.13565 | 0.73492 | 1 |
| 32 | 0.23749 | 0.23775 | 0.76415 | 0.44535 | 0.41865 | 5 |
| 33 | 0.05438 | 0.33147 | 0.52826 | 0.16266 | 0.86786 | 2 |
| 34 | 0.81994 | 0.3813 | 0.66276 | 0.82648 | 0.2436 | 4 |
| 35 | 0.01026 | 0.79238 | 0.22099 | 0.01918 | 0.90318 | 2 |
| 36 | 0.06839 | 0.56404 | 0.47128 | 0.18967 | 0.77926 | 1 |
| 37 | 0.29152 | 0.14707 | 0.83587 | 0.52359 | 0.35373 | 5 |
| 38 | 0.082 | 0.56166 | 0.50713 | 0.21597 | 0.71985 | 1 |
| 39 | 0.03933 | 0.61168 | 0.36062 | 0.1071 | 0.89248 | 2 |
| 40 | 0.06232 | 0.91188 | 0.15754 | 0.07313 | 0.79288 | 1 |

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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
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Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|----------|-------------|---------|---------|--------|
| 41 | 0.0114 | 0.89237 | 0.18482 | 0.03476 | 0.86905 | 1 |
| 42 | 0.08027 | 0.47781 | 0.45248 | 0.19343 | 0.84836 | 1 |
| 43 | 0.08297 | 0.5388 | 0.50121 | 0.22609 | 0.73607 | 1 |
| 44 | 0.03361 | 0.41381 | 0.48915 | 0.14156 | 0.92249 | 2 |
| 45 | 0.29301 | 0.38129 | 0.60367 | 0.4328 | 0.50194 | 3 |
| 46 | 0.22592 | 0.06504 | 0.91629 | 0.486 | 0.5003 | 5 |
| 47 | 0.0234 | 0.32722 | 0.61362 | 0.16275 | 0.93435 | 1 |
| 48 | 0.05026 | 0.48482 | 0.50698 | 0.16477 | 0.83958 | 2 |
| 49 | 1 | 0.56764 | 0.49512 | 0.86373 | 0.27077 | 4 |
| 50 | 0.21957 | 0.25545 | 0.6736 | 0.37003 | 0.53115 | 5 |
| 51 | 0.45689 | 0.696 | 0.33445 | 0.50731 | 0.56994 | 4 |
| 52 | 0.23631 | 0.22465 | 0.67667 | 0.4071 | 0.45437 | 5 |
| 53 | 0.20681 | 0.48832 | 0.55038 | 0.33637 | 0.56654 | 3 |
| 54 | 0.67162 | 0.31974 | 0.74195 | 0.7794 | 0.1488 | 4 |
| 55 | 0.06005 | 0.48248 | 0.5298 | 0.18796 | 0.82672 | 2 |
| 56 | 0.00759 | 0.71485 | 0.21151 | 0.01628 | 0.95008 | 2 |
| 57 | 0.22167 | 0.23493 | 0.73711 | 0.40729 | 0.56129 | 5 |
| 58 | 0.26621 | 0.24249 | 0.72409 | 0.43569 | 0.42614 | 5 |
| 59 | 0.04313 | 0.38205 | 0.53235 | 0.15543 | 0.89538 | 2 |
| 60 | 0.27477 | 0.4386 | 0.53592 | 0.37016 | 0.54703 | 3 |
| 61 | 0.20279 | 0.26954 | 0.71584 | 0.36894 | 0.4817 | 3 |
| 62 | 0.0424 | 0.8455 | 0.18793 | 0.08388 | 0.89835 | 2 |
| 63 | 0.65827 | 0.46335 | 0.59109 | 0.70458 | 0.33499 | 4 |
| 64 | 0.22038 | 0.35335 | 0.63767 | 0.34903 | 0.49754 | 5 |
| 65 | 0.01451 | 0.47073 | 0.45505 | 0.08762 | 0.95543 | 1 |
| 66 | 0.01678 | 0.68417 | 0.27775 | 0.04986 | 0.93076 | 2 |
| 67 | 0.05443 | 0.36062 | 0.66158 | 0.21844 | 0.80165 | 2 |
| 68 | 0.20108 | 0.62736 | 0.37573 | 0.26312 | 0.69053 | 3 |
| 69 | 0.01266 | 0.68056 | 0.35417 | 0.07999 | 0.89619 | 2 |
| 70 | 0.28784 | 0.29436 | 0.6959 | 0.44458 | 0.33714 | 5 |
| 71 | 0.02742 | 0.70278 | 0.31814 | 0.06515 | 0.85172 | 2 |
| 72 | 0.56485 | 0.34914 | 0.7205 | 0.69921 | 0.35122 | 4 |
| 73 | 0.17754 | 0.35446 | 0.64813 | 0.3421 | 0.568 | 3 |
| 74 | 0.01609 | 0.79217 | 0.23095 | 0.04859 | 0.90204 | 1 |
| 75 | 0.22169 | 0.17385 | 0.87219 | 0.48023 | 0.4447 | 5 |
| 76 | 0.01476 | 0.86836 | 0.18116 | 0.02986 | 0.87528 | 1 |
| 77 | 0.55507 | 0.54577 | 0.53356 | 0.60982 | 0.42636 | 4 |
| 78 | 0.2078 | 0.33286 | 0.70645 | 0.41388 | 0.59588 | 3 |
| 79 | 0.16168 | 0.42859 | 0.62608 | 0.30679 | 0.54034 | 3 |
| 80 | 0.56968 | 0.31737 | 0.73523 | 0.72183 | 0.32343 | 4 |

Hak cipta milik IPB University

IPB University

Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 81 | 0.3093 | 0.22269 | 0.84029 | 0.55597 | 0.45449 | 3 |
| 82 | 0.25021 | 0.41039 | 0.60006 | 0.39853 | 0.55053 | 3 |
| 83 | 0.56877 | 0.53774 | 0.53903 | 0.63043 | 0.39829 | 4 |
| 84 | 0.56694 | 0.39937 | 0.67448 | 0.68308 | 0.31208 | 4 |
| 85 | 0.03871 | 0.93022 | 0.13296 | 0.06124 | 0.87097 | 1 |
| 86 | 0.06603 | 0.79614 | 0.28534 | 0.13363 | 0.78383 | 1 |
| 87 | 0.27715 | 0.27821 | 0.64275 | 0.40833 | 0.41935 | 5 |
| 88 | 0.77699 | 0.24505 | 0.73032 | 0.82949 | 0.10905 | 4 |
| 89 | 0.7334 | 0.38884 | 0.65771 | 0.76194 | 0.31307 | 4 |
| 90 | 0.21267 | 0.26354 | 0.69156 | 0.37069 | 0.47344 | 5 |
| 91 | 0.17915 | 0.32592 | 0.68319 | 0.34076 | 0.54829 | 3 |
| 92 | 0.21902 | 0.32731 | 0.53323 | 0.32604 | 0.56075 | 5 |
| 93 | 0.10287 | 0.50337 | 0.48005 | 0.22849 | 0.7972 | 1 |
| 94 | 0.4724 | 0.63463 | 0.41462 | 0.53219 | 0.49943 | 4 |
| 95 | 0.23393 | 0.3292 | 0.70861 | 0.4498 | 0.61211 | 3 |
| 96 | 0.02711 | 0.51878 | 0.46651 | 0.12642 | 0.89946 | 2 |
| 97 | 0.01599 | 0.54209 | 0.41633 | 0.09551 | 0.92889 | 1 |
| 98 | 0.03723 | 0.61175 | 0.36848 | 0.10424 | 0.87011 | 2 |
| 99 | 0.13533 | 0.21607 | 0.80941 | 0.37724 | 0.61406 | 1 |
| 100 | 0.22752 | 0.21482 | 0.76263 | 0.41114 | 0.45811 | 3 |
| 101 | 0.26751 | 0.23749 | 0.78553 | 0.44699 | 0.36814 | 3 |
| 102 | 0.13043 | 0.26694 | 0.78795 | 0.33477 | 0.59531 | 1 |
| 103 | 0.27374 | 0.20334 | 0.78102 | 0.47401 | 0.35471 | 5 |
| 104 | 0.02587 | 0.8264 | 0.1752 | 0.04959 | 0.94967 | 2 |
| 105 | 0.24262 | 0.18288 | 0.86283 | 0.48265 | 0.40728 | 5 |
| 106 | 0.30786 | 0.17986 | 0.82047 | 0.52098 | 0.30592 | 5 |
| 107 | 0.05022 | 0.48159 | 0.5386 | 0.17937 | 0.80249 | 2 |
| 108 | 0.00997 | 0.64107 | 0.30071 | 0.05642 | 0.96892 | 2 |
| 109 | 0.22815 | 0.26207 | 0.75848 | 0.43103 | 0.44067 | 5 |
| 110 | 0.51661 | 0.24761 | 0.8275 | 0.72492 | 0.24407 | 4 |
| 111 | 0.08606 | 0.54437 | 0.51478 | 0.21804 | 0.73643 | 1 |
| 112 | 0.02887 | 0.64962 | 0.368 | 0.11962 | 0.89209 | 1 |
| 113 | 0.38144 | 0.35243 | 0.62818 | 0.51145 | 0.41636 | 3 |
| 114 | 0.29635 | 0.5149 | 0.49933 | 0.40353 | 0.54721 | 3 |
| 115 | 0.93061 | 0.55177 | 0.4923 | 0.82764 | 0.26007 | 4 |
| 116 | 0.08452 | 0.77647 | 0.31118 | 0.17081 | 0.73862 | 1 |
| 117 | 0.21291 | 0.17853 | 0.78185 | 0.40814 | 0.51234 | 3 |
| 118 | 0.23375 | 0.49125 | 0.44323 | 0.32016 | 0.62912 | 3 |
| 119 | 0.70211 | 0.39273 | 0.64257 | 0.74154 | 0.29308 | 4 |
| 120 | 0.12748 | 0.59877 | 0.46957 | 0.25784 | 0.69879 | 1 |

Hak cipta milik IPB University

Hak Cipta Dilindungi Undang-undang
 1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 121 | 0.45894 | 0.47687 | 0.64058 | 0.59365 | 0.35209 | 4 |
| 122 | 0.72917 | 0.34702 | 0.67897 | 0.77575 | 0.21654 | 4 |
| 123 | 0.01649 | 0.52131 | 0.45749 | 0.09821 | 0.91438 | 2 |
| 124 | 0.2141 | 0.3758 | 0.69079 | 0.40044 | 0.51985 | 3 |
| 125 | 0.27096 | 0.32605 | 0.61278 | 0.41362 | 0.42805 | 5 |
| 126 | 0.26056 | 0.30978 | 0.66321 | 0.42814 | 0.44165 | 3 |
| 127 | 0.05249 | 0.4837 | 0.54109 | 0.17016 | 0.77485 | 2 |
| 128 | 0.24326 | 0.24628 | 0.69683 | 0.40644 | 0.41994 | 5 |
| 129 | 0 | 0.59402 | 0.37865 | 0.07471 | 0.97485 | 2 |
| 130 | 0.61969 | 0.42743 | 0.61488 | 0.68538 | 0.34628 | 4 |
| 131 | 0.51047 | 0.38038 | 0.70378 | 0.66079 | 0.30887 | 4 |
| 132 | 0.28394 | 0.32262 | 0.7005 | 0.46483 | 0.4645 | 3 |
| 133 | 0.04437 | 1 | 0 | 0.02961 | 0.96121 | 2 |
| 134 | 0.05087 | 0.38037 | 0.55686 | 0.16608 | 0.85824 | 2 |
| 135 | 0.28418 | 0.36261 | 0.65192 | 0.43892 | 0.36161 | 3 |
| 136 | 0.27347 | 0.28605 | 0.65 | 0.40189 | 0.42324 | 5 |
| 137 | 0.7705 | 0.41474 | 0.66961 | 0.82001 | 0.14949 | 4 |
| 138 | 0.00882 | 0.66835 | 0.25337 | 0.02722 | 0.94421 | 2 |
| 139 | 0.16407 | 0.35721 | 0.57979 | 0.29212 | 0.61277 | 5 |
| 140 | 0.22774 | 0.41 | 0.6193 | 0.37145 | 0.58691 | 3 |
| 141 | 0.03784 | 0.32771 | 0.62843 | 0.19858 | 0.92219 | 2 |
| 142 | 0.68706 | 0.55789 | 0.49127 | 0.69038 | 0.38414 | 4 |
| 143 | 0.25958 | 0.224 | 0.64035 | 0.40952 | 0.40968 | 5 |
| 144 | 0.06181 | 0.47047 | 0.48558 | 0.16617 | 0.834 | 2 |
| 145 | 0.04481 | 0.44986 | 0.524 | 0.17135 | 0.86145 | 1 |
| 146 | 0.05365 | 0.50861 | 0.45565 | 0.16151 | 0.86664 | 2 |
| 147 | 0.0491 | 0.61918 | 0.35872 | 0.13545 | 0.89465 | 2 |
| 148 | 0.07275 | 0.53664 | 0.49082 | 0.20091 | 0.76872 | 1 |
| 149 | 0.22352 | 0.41291 | 0.54125 | 0.33394 | 0.61267 | 3 |
| 150 | 0.87155 | 0.60525 | 0.42474 | 0.77691 | 0.36988 | 4 |
| 151 | 0.0274 | 0.53977 | 0.41676 | 0.12153 | 0.91949 | 1 |
| 152 | 0.00325 | 0.45555 | 0.46065 | 0.09286 | 0.98745 | 2 |
| 153 | 0.54457 | 0.4788 | 0.54635 | 0.64205 | 0.4138 | 4 |
| 154 | 0.52497 | 0.28764 | 0.74801 | 0.70167 | 0.28047 | 4 |
| 155 | 0.73594 | 0.5193 | 0.58268 | 0.75859 | 0.31301 | 4 |
| 156 | 0.23733 | 0.26703 | 0.73391 | 0.41754 | 0.42653 | 5 |
| 157 | 0.77968 | 0.42337 | 0.62146 | 0.78396 | 0.29348 | 4 |
| 158 | 0.86112 | 0.60265 | 0.44589 | 0.77694 | 0.33247 | 4 |
| 159 | 0.19125 | 0.20768 | 0.65722 | 0.3676 | 0.58919 | 3 |
| 160 | 0.03843 | 0.5418 | 0.46303 | 0.12289 | 0.83663 | 2 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 161 | 0.93309 | 0.60364 | 0.41601 | 0.79853 | 0.33789 | 4 |
| 162 | 0.69182 | 0.24609 | 0.83651 | 0.84748 | 0.05268 | 4 |
| 163 | 0.03625 | 0.70522 | 0.33099 | 0.12068 | 0.86563 | 1 |
| 164 | 0.2743 | 0.32187 | 0.63462 | 0.42617 | 0.38992 | 5 |
| 165 | 0.01586 | 0.8857 | 0.10275 | 0.0049 | 0.94177 | 2 |
| 166 | 0.021 | 0.65275 | 0.32114 | 0.07652 | 0.94033 | 2 |
| 167 | 0.28833 | 0.30205 | 0.71657 | 0.44418 | 0.29855 | 3 |
| 168 | 0.02392 | 0.78178 | 0.2587 | 0.05802 | 0.86714 | 2 |
| 169 | 0.32874 | 0.22029 | 0.7722 | 0.50366 | 0.33459 | 3 |
| 170 | 0.01283 | 0.58964 | 0.38192 | 0.08847 | 0.93072 | 2 |
| 171 | 0.18171 | 0.17219 | 0.8531 | 0.422 | 0.53151 | 5 |
| 172 | 0.06841 | 0.55928 | 0.47656 | 0.17972 | 0.77487 | 2 |
| 173 | 0.34897 | 0.32962 | 0.64757 | 0.4705 | 0.31531 | 3 |
| 174 | 0.00607 | 0.57182 | 0.37604 | 0.08658 | 0.99778 | 2 |
| 175 | 0.20131 | 0.19134 | 0.82275 | 0.42324 | 0.50092 | 5 |
| 176 | 0.22261 | 0.30165 | 0.66225 | 0.36276 | 0.46485 | 5 |
| 177 | 0.73033 | 0.53126 | 0.51345 | 0.73658 | 0.39446 | 4 |
| 178 | 0.91071 | 0.22659 | 0.79597 | 0.92589 | 0.08091 | 4 |
| 179 | 0.50165 | 0.41087 | 0.68153 | 0.65574 | 0.3233 | 4 |
| 180 | 0.18686 | 0.24939 | 0.80015 | 0.41336 | 0.47636 | 5 |
| 181 | 0.17392 | 0.13148 | 0.89976 | 0.45134 | 0.54832 | 5 |
| 182 | 0.17784 | 0.30993 | 0.67432 | 0.32324 | 0.56599 | 5 |
| 183 | 0.2447 | 0.24462 | 0.70416 | 0.39721 | 0.40802 | 5 |
| 184 | 0.62162 | 0.60615 | 0.46419 | 0.64312 | 0.40951 | 4 |
| 185 | 0.1855 | 0.37739 | 0.61403 | 0.34537 | 0.56686 | 3 |
| 186 | 0.09049 | 0.7921 | 0.27528 | 0.1723 | 0.78619 | 1 |
| 187 | 0.28458 | 0.24705 | 0.76722 | 0.47895 | 0.31942 | 5 |
| 188 | 0.08598 | 0.41691 | 0.61162 | 0.24384 | 0.73209 | 1 |
| 189 | 0.33065 | 0.13324 | 0.96526 | 0.60627 | 0.22646 | 3 |
| 190 | 0.37363 | 0.30076 | 0.7044 | 0.51433 | 0.44523 | 3 |
| 191 | 0.07473 | 0.49309 | 0.54197 | 0.22591 | 0.77018 | 1 |
| 192 | 0.21793 | 0.26416 | 0.72833 | 0.40858 | 0.55999 | 5 |
| 193 | 0.22182 | 0.35123 | 0.71593 | 0.39702 | 0.44672 | 3 |
| 194 | 0.01058 | 0.57854 | 0.39126 | 0.08181 | 0.93771 | 2 |
| 195 | 0.26469 | 0.21629 | 0.8199 | 0.49863 | 0.38195 | 5 |
| 196 | 0.04352 | 0.70995 | 0.28763 | 0.0999 | 0.88999 | 1 |
| 197 | 0.48334 | 0.25935 | 0.78595 | 0.69382 | 0.44172 | 4 |
| 198 | 0.18923 | 0.28674 | 0.6778 | 0.3601 | 0.51897 | 5 |
| 199 | 0.05486 | 0.29177 | 0.69833 | 0.2219 | 0.82838 | 2 |
| 200 | 0.04489 | 0.39352 | 0.45233 | 0.1543 | 0.93771 | 2 |

Dilarang Cipta Milik PB University

IPB University

- Hak Cipta Dilindungi Undang-undang
1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 201 | 0.28554 | 0.21929 | 0.67508 | 0.41435 | 0.4482 | 5 |
| 202 | 0.01477 | 0.87863 | 0.12945 | 0.01061 | 0.91093 | 1 |
| 203 | 0.0525 | 0.68244 | 0.37546 | 0.15369 | 0.82893 | 1 |
| 204 | 0.23403 | 0.32145 | 0.56349 | 0.34438 | 0.47331 | 5 |
| 205 | 0.23618 | 0.18805 | 0.83097 | 0.47846 | 0.44795 | 5 |
| 206 | 0.19643 | 0.25102 | 0.73844 | 0.3994 | 0.55816 | 3 |
| 207 | 0.23158 | 0.29954 | 0.73635 | 0.44169 | 0.50866 | 3 |
| 208 | 0.60285 | 0.63866 | 0.40196 | 0.61423 | 0.46923 | 4 |
| 209 | 0.50391 | 0.58633 | 0.45687 | 0.55725 | 0.43272 | 4 |
| 210 | 0.02071 | 0.60951 | 0.40595 | 0.10388 | 0.87768 | 1 |
| 211 | 0.03771 | 0.53018 | 0.51523 | 0.13764 | 0.79714 | 2 |
| 212 | 0.19285 | 0.33919 | 0.61278 | 0.31612 | 0.54371 | 5 |
| 213 | 0.25292 | 0.43576 | 0.53789 | 0.35403 | 0.57416 | 3 |
| 214 | 0.07263 | 0.28569 | 0.69327 | 0.24246 | 0.7937 | 2 |
| 215 | 0.02811 | 0.43588 | 0.50714 | 0.15644 | 0.92578 | 2 |
| 216 | 0.08903 | 0.60984 | 0.40476 | 0.18231 | 0.78002 | 1 |
| 217 | 0.37407 | 0.46468 | 0.58481 | 0.49328 | 0.26596 | 3 |
| 218 | 0.22141 | 0.27785 | 0.75187 | 0.41124 | 0.42599 | 5 |
| 219 | 0.53133 | 0.49359 | 0.56665 | 0.62625 | 0.48045 | 4 |
| 220 | 0.0468 | 0.48544 | 0.50853 | 0.14353 | 0.80912 | 2 |
| 221 | 0.75461 | 0.36199 | 0.55724 | 0.7256 | 0.23908 | 4 |
| 222 | 0.02798 | 0.67462 | 0.32938 | 0.08489 | 0.86578 | 1 |
| 223 | 0.10495 | 0.60901 | 0.43783 | 0.20701 | 0.71034 | 1 |
| 224 | 0.02954 | 0.43199 | 0.55033 | 0.15271 | 0.88211 | 1 |
| 225 | 0.29817 | 0.21689 | 0.77622 | 0.49226 | 0.31855 | 5 |
| 226 | 0.21875 | 0.42199 | 0.62283 | 0.40958 | 0.64601 | 3 |
| 227 | 0.21422 | 0.20095 | 0.82686 | 0.4544 | 0.47312 | 5 |
| 228 | 0.7284 | 0.47081 | 0.55986 | 0.72003 | 0.30642 | 4 |
| 229 | 0.07125 | 0.52978 | 0.45507 | 0.175 | 0.82761 | 1 |
| 230 | 0.15461 | 0.24043 | 0.79183 | 0.37889 | 0.57875 | 5 |
| 231 | 0.10054 | 0.69664 | 0.29892 | 0.16427 | 0.80286 | 1 |
| 232 | 0.60561 | 0.23476 | 0.81328 | 0.78532 | 0.15682 | 4 |
| 233 | 0.06909 | 0.55156 | 0.4927 | 0.20406 | 0.80654 | 1 |
| 234 | 0.01462 | 0.50492 | 0.41842 | 0.11291 | 0.97695 | 2 |
| 235 | 0.19943 | 0.32199 | 0.68624 | 0.38556 | 0.55346 | 3 |
| 236 | 0.99468 | 0.25291 | 0.83061 | 0.99187 | 0.01213 | 4 |
| 237 | 0.59149 | 0.47951 | 0.56556 | 0.66037 | 0.39061 | 4 |
| 238 | 0.20414 | 0.49069 | 0.49584 | 0.31005 | 0.68335 | 3 |
| 239 | 0.06749 | 0.39852 | 0.62918 | 0.23917 | 0.76893 | 1 |
| 240 | 0.20009 | 0.26188 | 0.74085 | 0.39545 | 0.47552 | 5 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :

a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 241 | 0.24173 | 0.17822 | 0.81307 | 0.44568 | 0.47441 | 5 |
| 242 | 0.16427 | 0.26103 | 0.7257 | 0.33642 | 0.55443 | 5 |
| 243 | 0.0243 | 0.45501 | 0.54362 | 0.13024 | 0.86834 | 2 |
| 244 | 0.13579 | 0.44667 | 0.60838 | 0.28983 | 0.62736 | 1 |
| 245 | 0.02852 | 0.79708 | 0.19865 | 0.03199 | 0.87496 | 1 |
| 246 | 0.28703 | 0.16628 | 0.80401 | 0.49071 | 0.48009 | 3 |
| 247 | 0.05907 | 0.42401 | 0.5889 | 0.20522 | 0.80188 | 1 |
| 248 | 0.06513 | 0.93024 | 0.11791 | 0.06955 | 0.82949 | 1 |
| 249 | 0.06775 | 0.58643 | 0.49583 | 0.18862 | 0.7182 | 1 |
| 250 | 0.07012 | 0.60827 | 0.36249 | 0.15837 | 0.85842 | 2 |
| 251 | 0.11523 | 0.67149 | 0.36775 | 0.20049 | 0.718 | 1 |
| 252 | 0.18972 | 0.37125 | 0.59981 | 0.31115 | 0.51844 | 5 |
| 253 | 0.06025 | 0.47888 | 0.49383 | 0.16232 | 0.80202 | 2 |
| 254 | 0.06212 | 0.7264 | 0.31609 | 0.13624 | 0.81285 | 1 |
| 255 | 0.01093 | 0.69446 | 0.2836 | 0.06666 | 0.96225 | 2 |
| 256 | 0.20072 | 0.27304 | 0.71631 | 0.38765 | 0.63029 | 5 |
| 257 | 0.16767 | 0.24935 | 0.78155 | 0.37248 | 0.54607 | 5 |
| 258 | 0.30713 | 0.28339 | 0.67787 | 0.46115 | 0.35731 | 5 |
| 259 | 0.46197 | 0.64584 | 0.42405 | 0.52567 | 0.47269 | 4 |
| 260 | 0.36108 | 0.33915 | 0.68673 | 0.52449 | 0.4593 | 3 |
| 261 | 0.13266 | 0.38698 | 0.6177 | 0.32359 | 0.77755 | 1 |
| 262 | 0.22154 | 0.29322 | 0.66638 | 0.35351 | 0.4403 | 5 |
| 263 | 0.77847 | 0.4461 | 0.59943 | 0.76845 | 0.26204 | 4 |
| 264 | 0.51718 | 0.41452 | 0.64707 | 0.62205 | 0.39669 | 4 |
| 265 | 0.85727 | 0.23019 | 0.77478 | 0.89178 | 0.05194 | 4 |
| 266 | 0.03652 | 0.5683 | 0.38823 | 0.10715 | 0.89111 | 2 |
| 267 | 0.282 | 0.46116 | 0.57168 | 0.41331 | 0.4671 | 3 |
| 268 | 0.27902 | 0.09427 | 0.933 | 0.53604 | 0.35329 | 5 |
| 269 | 0.10457 | 0.61291 | 0.40944 | 0.20873 | 0.76776 | 1 |
| 270 | 0.02831 | 0.58078 | 0.39508 | 0.10227 | 0.89296 | 2 |
| 271 | 0.17451 | 0.53495 | 0.44616 | 0.25501 | 0.69375 | 3 |
| 272 | 0.19569 | 0.23578 | 0.78162 | 0.44034 | 0.54014 | 3 |
| 273 | 0.18567 | 0.4692 | 0.59591 | 0.34349 | 0.55995 | 3 |
| 274 | 0.07145 | 0.75641 | 0.3208 | 0.16355 | 0.77255 | 1 |
| 275 | 0.02999 | 0.57385 | 0.36739 | 0.1026 | 0.92571 | 2 |
| 276 | 0.80238 | 0.53668 | 0.5263 | 0.7481 | 0.27514 | 4 |
| 277 | 0.70905 | 0.56371 | 0.50206 | 0.71676 | 0.387 | 4 |
| 278 | 0.9077 | 0.63685 | 0.40411 | 0.78133 | 0.32311 | 4 |
| 279 | 0.69694 | 0.21573 | 0.88039 | 0.8412 | 0.04975 | 4 |
| 280 | 0.21445 | 0.35611 | 0.63035 | 0.34279 | 0.50252 | 5 |

Hak cipta dilindungi Undang-undang

IPB University

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 281 | 0.20447 | 0.34161 | 0.63192 | 0.3528 | 0.48961 | 5 |
| 282 | 0.08811 | 0.56319 | 0.47586 | 0.20757 | 0.7268 | 1 |
| 283 | 0.22732 | 0.55041 | 0.43188 | 0.3028 | 0.64782 | 3 |
| 284 | 0.07128 | 0.57376 | 0.44858 | 0.18374 | 0.78466 | 1 |
| 285 | 0.07189 | 0.51397 | 0.44499 | 0.18848 | 0.84598 | 1 |
| 286 | 0.85796 | 0.30591 | 0.70052 | 0.84935 | 0.1625 | 4 |
| 287 | 0.28803 | 0.28328 | 0.75734 | 0.50953 | 0.52787 | 3 |
| 288 | 0.2158 | 0.47903 | 0.51988 | 0.32663 | 0.65554 | 3 |
| 289 | 0.01145 | 0.72278 | 0.24215 | 0.04437 | 0.9568 | 2 |
| 290 | 0.27783 | 0.17064 | 0.80145 | 0.49028 | 0.36596 | 5 |
| 291 | 0.05533 | 0.81356 | 0.15907 | 0.06568 | 0.88214 | 2 |
| 292 | 0.17931 | 0.32723 | 0.65619 | 0.3252 | 0.52494 | 5 |
| 293 | 0.59987 | 0.40323 | 0.62484 | 0.70722 | 0.34189 | 4 |
| 294 | 0.12433 | 0.33283 | 0.74199 | 0.32287 | 0.59944 | 1 |
| 295 | 0.02339 | 0.7354 | 0.24738 | 0.05117 | 0.90271 | 2 |
| 296 | 0.06358 | 0.38702 | 0.58254 | 0.18902 | 0.78613 | 2 |
| 297 | 0.25331 | 0.29354 | 0.63229 | 0.40511 | 0.43388 | 5 |
| 298 | 0.06092 | 0.41611 | 0.58004 | 0.2082 | 0.83116 | 2 |
| 299 | 0.09216 | 0.659 | 0.37877 | 0.17388 | 0.74383 | 1 |
| 300 | 0.05486 | 0.29948 | 0.62149 | 0.20041 | 0.88431 | 2 |
| 301 | 0.03185 | 0.72451 | 0.28612 | 0.08166 | 0.88845 | 2 |
| 302 | 0.22307 | 0.31675 | 0.747 | 0.42344 | 0.48289 | 3 |
| 303 | 0.81297 | 0.36454 | 0.65547 | 0.84268 | 0.30411 | 4 |
| 304 | 0.47896 | 0.38698 | 0.63738 | 0.57788 | 0.35676 | 4 |
| 305 | 0.02016 | 0.62221 | 0.3169 | 0.07332 | 0.96016 | 2 |
| 306 | 0.32147 | 0.57972 | 0.46909 | 0.41108 | 0.51035 | 3 |
| 307 | 0.02376 | 0.53196 | 0.45975 | 0.10088 | 0.87648 | 2 |
| 308 | 0.00986 | 0.90569 | 0.10465 | 0.00252 | 0.95374 | 2 |
| 309 | 0.51573 | 0.18959 | 0.87358 | 0.74611 | 0.30532 | 4 |
| 310 | 0.35746 | 0.52598 | 0.49498 | 0.4482 | 0.40323 | 3 |
| 311 | 0.0794 | 0.76193 | 0.26713 | 0.11988 | 0.79268 | 1 |
| 312 | 0.12945 | 0.58595 | 0.50478 | 0.27172 | 0.65955 | 1 |
| 313 | 0.04352 | 0.40747 | 0.58782 | 0.18266 | 0.84777 | 2 |
| 314 | 0.22843 | 0.46579 | 0.49381 | 0.32673 | 0.56259 | 3 |
| 315 | 0.67863 | 0.6172 | 0.46334 | 0.68581 | 0.36776 | 4 |
| 316 | 0.26264 | 0.15678 | 0.84429 | 0.49193 | 0.41938 | 5 |
| 317 | 0.00136 | 0.76622 | 0.27652 | 0.01515 | 0.87522 | 2 |
| 318 | 0.31926 | 0.42251 | 0.59671 | 0.44737 | 0.49135 | 3 |
| 319 | 0.27104 | 0.42448 | 0.60579 | 0.44856 | 0.63354 | 3 |
| 320 | 0.19104 | 0.38581 | 0.55603 | 0.30396 | 0.54387 | 5 |

Hak Cipta Dilindungi Undang-undang

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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 321 | 0.0291 | 0.95974 | 0.14593 | 0.05091 | 0.82681 | 1 |
| 322 | 0.46127 | 0.42272 | 0.59702 | 0.56874 | 0.32377 | 4 |
| 323 | 0.88887 | 0.68462 | 0.35921 | 0.77233 | 0.37881 | 4 |
| 324 | 0.04565 | 0.60797 | 0.35069 | 0.11174 | 0.88756 | 2 |
| 325 | 0.89643 | 0.19406 | 0.88602 | 0.97683 | 0.01269 | 4 |
| 326 | 0.24936 | 0.2959 | 0.64545 | 0.39016 | 0.41442 | 5 |
| 327 | 0.58439 | 0.29277 | 0.72697 | 0.73174 | 0.36911 | 4 |
| 328 | 0.21811 | 0.4191 | 0.62574 | 0.38833 | 0.48251 | 3 |
| 329 | 0.19773 | 0.19506 | 0.82259 | 0.41327 | 0.48503 | 5 |
| 330 | 0.03786 | 0.43926 | 0.52247 | 0.15274 | 0.86366 | 2 |
| 331 | 0.35508 | 0.2821 | 0.75373 | 0.53004 | 0.30529 | 3 |
| 332 | 0.23191 | 0.55377 | 0.46898 | 0.31893 | 0.63765 | 3 |
| 333 | 0.13169 | 0.2755 | 0.67177 | 0.32191 | 0.72885 | 1 |
| 334 | 0.21871 | 0.25369 | 0.78357 | 0.43712 | 0.449 | 5 |
| 335 | 0.196 | 0.1548 | 0.87888 | 0.43505 | 0.49518 | 5 |
| 336 | 0.28387 | 0.27464 | 0.70395 | 0.45822 | 0.3542 | 5 |
| 337 | 0.00296 | 0.74434 | 0.26381 | 0.03531 | 0.94057 | 2 |
| 338 | 0.00401 | 0.68206 | 0.31182 | 0.04082 | 0.92499 | 2 |
| 339 | 0.66982 | 0.39979 | 0.66099 | 0.73864 | 0.32934 | 4 |
| 340 | 0.07699 | 0.59658 | 0.3571 | 0.15635 | 0.87027 | 2 |
| 341 | 0.07817 | 0.71616 | 0.31501 | 0.14826 | 0.77785 | 1 |
| 342 | 0.08738 | 0.60365 | 0.46891 | 0.22744 | 0.74611 | 1 |
| 343 | 0.51074 | 0.41755 | 0.59648 | 0.61709 | 0.43145 | 4 |
| 344 | 0.09172 | 0.49643 | 0.54157 | 0.23679 | 0.75273 | 1 |
| 345 | 0.28047 | 0.20196 | 0.78451 | 0.48092 | 0.34886 | 5 |
| 346 | 0.24709 | 0.34816 | 0.57246 | 0.3535 | 0.48753 | 5 |
| 347 | 0.06701 | 0.70391 | 0.31778 | 0.13922 | 0.80602 | 1 |
| 348 | 0.82344 | 0.38205 | 0.63808 | 0.80515 | 0.24063 | 4 |
| 349 | 0.68711 | 0.27177 | 0.78234 | 0.81309 | 0.1962 | 4 |
| 350 | 0.19247 | 0.52412 | 0.44205 | 0.26801 | 0.64384 | 3 |
| 351 | 0.03718 | 0.7619 | 0.32468 | 0.10426 | 0.79058 | 1 |
| 352 | 0.38141 | 0.22593 | 0.76018 | 0.54708 | 0.2346 | 3 |
| 353 | 0.1388 | 0.61638 | 0.44295 | 0.24538 | 0.66054 | 1 |
| 354 | 0.10972 | 0.45355 | 0.62665 | 0.28322 | 0.64607 | 1 |
| 355 | 0.27778 | 0.17028 | 0.80174 | 0.49035 | 0.36637 | 5 |
| 356 | 0.0644 | 0.60261 | 0.3674 | 0.149 | 0.84848 | 1 |
| 357 | 0.92089 | 0.24448 | 0.69566 | 0.9067 | 0 | 4 |
| 358 | 0.20275 | 0.33181 | 0.68278 | 0.33742 | 0.45043 | 5 |
| 359 | 0.20311 | 0.41197 | 0.56538 | 0.31225 | 0.52422 | 5 |
| 360 | 0.70098 | 0.57152 | 0.49523 | 0.69648 | 0.33741 | 4 |

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 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
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Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 361 | 0.18312 | 0.17189 | 0.83072 | 0.40962 | 0.54505 | 5 |
| 362 | 0.03769 | 0.67159 | 0.32042 | 0.1 | 0.87385 | 2 |
| 363 | 0.27123 | 0.20975 | 0.73687 | 0.45036 | 0.4319 | 5 |
| 364 | 0.22373 | 0.30217 | 0.62879 | 0.36228 | 0.49296 | 5 |
| 365 | 0.03674 | 0.35772 | 0.57851 | 0.18805 | 0.94299 | 2 |
| 366 | 0.2359 | 0.27434 | 0.64448 | 0.38049 | 0.44393 | 5 |
| 367 | 0.02299 | 0.53984 | 0.40613 | 0.08725 | 0.90796 | 2 |
| 368 | 0.94168 | 0.39712 | 0.66297 | 0.8972 | 0.13716 | 4 |
| 369 | 0.04956 | 0.50018 | 0.47176 | 0.17622 | 0.91135 | 2 |
| 370 | 0.12721 | 0.62509 | 0.39228 | 0.22959 | 0.70607 | 1 |
| 371 | 0.32098 | 0.21546 | 0.78226 | 0.51359 | 0.39605 | 3 |
| 372 | 0.38806 | 0.20449 | 0.81032 | 0.55728 | 0.17303 | 3 |
| 373 | 0.097 | 0.10964 | 0.77848 | 0.44038 | 0.77681 | 1 |
| 374 | 0.08244 | 0.2292 | 0.7578 | 0.32927 | 0.7722 | 1 |
| 375 | 0.95808 | 0.1096 | 0.86568 | 1 | 0.17992 | 4 |
| 376 | 0.08101 | 0.71668 | 0.33635 | 0.15355 | 0.75874 | 1 |
| 377 | 0.21183 | 0.60735 | 0.37341 | 0.28234 | 0.63097 | 3 |
| 378 | 0.16448 | 0.28379 | 0.73687 | 0.37867 | 0.6379 | 3 |
| 379 | 0.89435 | 0.36775 | 0.65358 | 0.85311 | 0.20089 | 4 |
| 380 | 0.77299 | 0.30121 | 0.75458 | 0.8396 | 0.19484 | 4 |
| 381 | 0.23889 | 0.38822 | 0.51491 | 0.32039 | 0.54011 | 5 |
| 382 | 0.17765 | 0.31464 | 0.7212 | 0.36594 | 0.50783 | 5 |
| 383 | 0.19937 | 0.36832 | 0.62405 | 0.35711 | 0.57722 | 3 |
| 384 | 0.18425 | 0.33955 | 0.61262 | 0.31936 | 0.57921 | 5 |
| 385 | 0.92473 | 0.27101 | 0.75104 | 0.91036 | 0.08066 | 4 |
| 386 | 0.1018 | 0.47072 | 0.47886 | 0.22738 | 0.79696 | 1 |
| 387 | 0.70042 | 0.41253 | 0.67587 | 0.78762 | 0.22776 | 4 |
| 388 | 0.07599 | 0.4781 | 0.46838 | 0.21162 | 0.83589 | 2 |
| 389 | 0.51951 | 0.50265 | 0.51848 | 0.62351 | 0.49638 | 4 |
| 390 | 0.23917 | 0.54828 | 0.49791 | 0.35949 | 0.59197 | 3 |
| 391 | 0.0036 | 0.89707 | 0.08182 | 0 | 1 | 2 |
| 392 | 0.20999 | 0.3148 | 0.70254 | 0.37992 | 0.51592 | 3 |
| 393 | 0.37502 | 0.2686 | 0.78316 | 0.59328 | 0.49506 | 3 |
| 394 | 0.86693 | 0.48796 | 0.58195 | 0.82968 | 0.29339 | 4 |
| 395 | 0.13605 | 0.3808 | 0.6673 | 0.30483 | 0.61021 | 1 |
| 396 | 0.24158 | 0.34181 | 0.65531 | 0.39978 | 0.5396 | 3 |
| 397 | 0.22336 | 0.53973 | 0.46256 | 0.31159 | 0.64046 | 3 |
| 398 | 0.09212 | 0.54935 | 0.48856 | 0.22997 | 0.7238 | 1 |
| 399 | 0.11184 | 0.60046 | 0.46165 | 0.22038 | 0.68422 | 1 |
| 400 | 0.0159 | 0.85318 | 0.17967 | 0.03317 | 0.89435 | 1 |

Hak Cipta Dilindungi Undang-undang

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2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 401 | 0.65904 | 0.40766 | 0.70169 | 0.757 | 0.28724 | 4 |
| 402 | 0.82759 | 0.5735 | 0.46613 | 0.76336 | 0.30759 | 4 |
| 403 | 0.9801 | 0.69158 | 0.33827 | 0.80958 | 0.34913 | 4 |
| 404 | 0.04336 | 0.88183 | 0.16361 | 0.07774 | 0.88094 | 1 |
| 405 | 0.2012 | 0.19639 | 0.74188 | 0.3974 | 0.61961 | 5 |
| 406 | 0.33272 | 0.57529 | 0.44422 | 0.40908 | 0.48626 | 3 |
| 407 | 0.23553 | 0.33884 | 0.70593 | 0.44255 | 0.56882 | 3 |
| 408 | 0.5488 | 0.73285 | 0.3465 | 0.556 | 0.45241 | 4 |
| 409 | 0.24585 | 0.52958 | 0.42406 | 0.31607 | 0.65445 | 3 |
| 410 | 0.24742 | 0.12995 | 0.85214 | 0.48435 | 0.40988 | 5 |
| 411 | 0.01751 | 0.67201 | 0.28821 | 0.08358 | 0.97906 | 2 |
| 412 | 0.02367 | 0.56198 | 0.36511 | 0.09524 | 0.95042 | 2 |
| 413 | 0.21238 | 0.33141 | 0.64366 | 0.36276 | 0.50716 | 5 |
| 414 | 0.08776 | 0.53909 | 0.47211 | 0.2077 | 0.76389 | 1 |
| 415 | 0.88514 | 0.46934 | 0.56582 | 0.82208 | 0.24238 | 4 |
| 416 | 0.01277 | 0.81954 | 0.21851 | 0.05528 | 0.91795 | 1 |
| 417 | 0.03163 | 0.61566 | 0.38929 | 0.13939 | 0.88709 | 1 |
| 418 | 0.18345 | 0.27923 | 0.71375 | 0.35106 | 0.52418 | 5 |
| 419 | 0.18111 | 0.33984 | 0.63079 | 0.35229 | 0.67406 | 5 |
| 420 | 0.19309 | 0.51446 | 0.46613 | 0.28907 | 0.64435 | 3 |
| 421 | 0.07159 | 0.42079 | 0.51596 | 0.17749 | 0.78683 | 2 |
| 422 | 0.21504 | 0.19994 | 0.83907 | 0.45083 | 0.45319 | 5 |
| 423 | 0.05583 | 0.35132 | 0.54575 | 0.19052 | 0.90177 | 2 |
| 424 | 0.54277 | 0.35206 | 0.70665 | 0.67668 | 0.32738 | 4 |
| 425 | 0.21235 | 0.25101 | 0.7407 | 0.40529 | 0.48772 | 5 |
| 426 | 0.28763 | 0.54957 | 0.41801 | 0.35052 | 0.63159 | 3 |
| 427 | 0.26434 | 0.27461 | 0.74637 | 0.47419 | 0.44345 | 3 |
| 428 | 0.61488 | 0.57247 | 0.45072 | 0.6485 | 0.42795 | 4 |
| 429 | 0.03404 | 0.83031 | 0.23907 | 0.08597 | 0.84695 | 1 |
| 430 | 0.79108 | 0.43811 | 0.64803 | 0.80395 | 0.20718 | 4 |
| 431 | 0.90173 | 0.61088 | 0.45349 | 0.79644 | 0.30179 | 4 |
| 432 | 0.16413 | 0.31366 | 0.6619 | 0.31498 | 0.55616 | 5 |
| 433 | 0.04712 | 0.60633 | 0.32965 | 0.11365 | 0.91607 | 2 |
| 434 | 0.13135 | 0.58575 | 0.47607 | 0.2506 | 0.64571 | 1 |
| 435 | 0.19151 | 0.42533 | 0.56356 | 0.3011 | 0.5165 | 5 |
| 436 | 0.72075 | 0.34613 | 0.68545 | 0.79107 | 0.28891 | 4 |
| 437 | 0.82344 | 0.38205 | 0.63808 | 0.80515 | 0.24063 | 4 |
| 438 | 0.20374 | 0.16582 | 0.86991 | 0.44776 | 0.48059 | 5 |
| 439 | 0.05219 | 0.6098 | 0.35051 | 0.1313 | 0.89947 | 2 |
| 440 | 0.84706 | 0.42816 | 0.5998 | 0.82509 | 0.27673 | 4 |

Hak cipta milik IPB University

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- Hak Cipta Dilindungi Undang-undang
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Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|----------|----------|-------------|---------|---------|--------|
| 441 | 0.24208 | 0.22563 | 0.67158 | 0.40351 | 0.47582 | 5 |
| 442 | 0.03347 | 0.45175 | 0.45938 | 0.12822 | 0.91616 | 2 |
| 443 | 0.53286 | 0.32792 | 0.76611 | 0.69295 | 0.2131 | 4 |
| 444 | 0.65215 | 0.3925 | 0.6501 | 0.72115 | 0.29549 | 4 |
| 445 | 0.857 | 0.5065 | 0.54818 | 0.79052 | 0.25621 | 4 |
| 446 | 0.94514 | 0.46979 | 0.60535 | 0.87765 | 0.13963 | 4 |
| 447 | 0.25594 | 0.30116 | 0.69188 | 0.42946 | 0.50086 | 3 |
| 448 | 0.19737 | 0.09252 | 0.96949 | 0.45659 | 0.46159 | 3 |
| 449 | 0.28718 | 0.27493 | 0.71821 | 0.45351 | 0.38797 | 3 |
| 450 | 0.22335 | 0.33119 | 0.65043 | 0.3752 | 0.47427 | 5 |
| 451 | 0.2377 | 0.61927 | 0.44238 | 0.33102 | 0.45701 | 3 |
| 452 | 0.17408 | 0.48368 | 0.53596 | 0.29696 | 0.61142 | 3 |
| 453 | 0.10722 | 0.37407 | 0.58535 | 0.26831 | 0.78263 | 1 |
| 454 | 0.07554 | 0.82507 | 0.17123 | 0.11046 | 0.89817 | 2 |
| 455 | 0.33917 | 0.26605 | 0.77066 | 0.58809 | 0.48854 | 3 |
| 456 | 0.22393 | 0.24618 | 0.76084 | 0.41569 | 0.44574 | 5 |
| 457 | 0.03799 | 0.71448 | 0.2964 | 0.10347 | 0.86607 | 1 |
| 458 | 0.07257 | 0.45402 | 0.57338 | 0.2398 | 0.79171 | 1 |
| 459 | 0.24742 | 0.12995 | 0.85214 | 0.48435 | 0.40988 | 5 |
| 460 | 0.0736 | 0.75132 | 0.30291 | 0.15391 | 0.81312 | 1 |
| 461 | 0.98339 | 0.42493 | 0.63696 | 0.91818 | 0.22107 | 4 |
| 462 | 0.02412 | 0.30815 | 0.58629 | 0.16714 | 0.98155 | 2 |
| 463 | 0.0416 | 0.43429 | 0.49476 | 0.14262 | 0.90105 | 2 |
| 464 | 0.03279 | 0.58412 | 0.33174 | 0.09536 | 0.92512 | 2 |
| 465 | 0.1637 | 0.47644 | 0.55119 | 0.30472 | 0.63191 | 3 |
| 466 | 0.9687 | 0.55547 | 0.44882 | 0.83287 | 0.31898 | 4 |
| 467 | 0.84902 | 0.39339 | 0.67036 | 0.85654 | 0.14834 | 4 |
| 468 | 0.31386 | 0.55226 | 0.47798 | 0.40425 | 0.52354 | 3 |
| 469 | 0.06611 | 0.35918 | 0.60272 | 0.20691 | 0.80149 | 2 |
| 470 | 0.05175 | 0.34941 | 0.61637 | 0.20775 | 0.87566 | 2 |
| 471 | 0.0127 | 0.95317 | 0.13482 | 0.02126 | 0.86315 | 1 |
| 472 | 0.36669 | 0.24935 | 0.76914 | 0.54585 | 0.26061 | 3 |
| 473 | 0.29655 | 0.19113 | 0.8012 | 0.49105 | 0.31748 | 5 |
| 474 | 0.18285 | 0.37118 | 0.60508 | 0.32138 | 0.56196 | 3 |
| 475 | 0.05886 | 0.50777 | 0.5216 | 0.17698 | 0.78023 | 1 |
| 476 | 0.11833 | 0.48563 | 0.5947 | 0.27377 | 0.65452 | 1 |
| 477 | 0.02596 | 0.55898 | 0.35979 | 0.09057 | 0.94136 | 2 |
| 478 | 0.27993 | 0.17119 | 0.7459 | 0.42404 | 0.45269 | 5 |
| 479 | 0.69594 | 0.45321 | 0.58499 | 0.73245 | 0.31912 | 4 |
| 480 | 6.99E-05 | 0.58623 | 0.37775 | 0.07319 | 0.97447 | 2 |

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1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :

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Lanjutan Lampiran 6

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 481 | 0.17943 | 0.45928 | 0.53934 | 0.29616 | 0.66988 | 3 |
| 482 | 0.22691 | 0.30856 | 0.68501 | 0.39131 | 0.49279 | 3 |
| 483 | 0.06919 | 0.64423 | 0.33512 | 0.14347 | 0.86983 | 1 |
| 484 | 0.00316 | 0.64327 | 0.36529 | 0.0525 | 0.91826 | 2 |
| 485 | 0.11657 | 0.4891 | 0.58812 | 0.28163 | 0.65214 | 1 |
| 486 | 0.19482 | 0.40244 | 0.61006 | 0.35896 | 0.58209 | 3 |
| 487 | 0.06581 | 0.19675 | 0.68091 | 0.24205 | 0.86936 | 2 |
| 488 | 0.04005 | 0.6332 | 0.36699 | 0.11468 | 0.86111 | 1 |
| 489 | 0.28308 | 0.50156 | 0.53164 | 0.39385 | 0.54506 | 3 |
| 490 | 0.56824 | 0.15829 | 0.88806 | 0.78725 | 0.35207 | 4 |
| 491 | 0.02269 | 0.79844 | 0.23911 | 0.06554 | 0.87376 | 1 |
| 492 | 0.23588 | 0.17234 | 0.86358 | 0.48846 | 0.42339 | 5 |
| 493 | 0.04308 | 0.69047 | 0.36635 | 0.13258 | 0.83636 | 1 |
| 494 | 0.01646 | 0.60781 | 0.35919 | 0.0827 | 0.92627 | 1 |
| 495 | 0.85027 | 0.08652 | 0.9468 | 0.97188 | 0.09804 | 4 |
| 496 | 0.29881 | 0.40953 | 0.64729 | 0.46257 | 0.43669 | 3 |
| 497 | 0.02616 | 0.80583 | 0.28523 | 0.07622 | 0.80705 | 1 |
| 498 | 0.05015 | 0.54018 | 0.47309 | 0.1557 | 0.82636 | 1 |
| 499 | 0.0553 | 0.50091 | 0.52384 | 0.18589 | 0.82485 | 2 |
| 500 | 0.22713 | 0.30943 | 0.60475 | 0.34649 | 0.5095 | 5 |

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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lampiran 7 Data pengacakan GLCM

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|----------|-------------|---------|---------|--------|
| 1 | 0.24739 | 0.11109 | 0.42726 | 0.46628 | 0.34838 | 3 |
| 2 | 0.059 | 0.36044 | 0.47581 | 0.28041 | 0.79366 | 2 |
| 3 | 0.0982 | 0.21128 | 0.57833 | 0.36398 | 0.67781 | 2 |
| 4 | 0.29027 | 0.06673 | 0.60357 | 0.58428 | 0.33216 | 3 |
| 5 | 0.33946 | 0.20477 | 0.68285 | 0.477 | 0.67109 | 4 |
| 6 | 0.07575 | 0.49081 | 0.02556 | 0.16138 | 0.66951 | 2 |
| 7 | 0.42788 | 0.03327 | 0.77696 | 0.85003 | 0.34878 | 5 |
| 8 | 0.32931 | 0.05584 | 0.61459 | 0.64624 | 0.2967 | 3 |
| 9 | 0.4326 | 0.2788 | 0.6976 | 0.46535 | 0.76817 | 4 |
| 10 | 0.07723 | 0.3131 | 0.46741 | 0.30716 | 0.73847 | 1 |
| 11 | 0.21516 | 0.12364 | 0.64575 | 0.59033 | 0.53944 | 3 |
| 12 | 0.52565 | 0.20034 | 0.60094 | 0.54746 | 0.57898 | 4 |
| 13 | 0.27825 | 0.03706 | 0.98216 | 0.75038 | 0.64063 | 3 |
| 14 | 0.51583 | 0.3511 | 0.45649 | 0.3684 | 0.67146 | 4 |
| 15 | 0.27096 | 0.05633 | 0.78406 | 0.6764 | 0.46206 | 3 |
| 16 | 0.03944 | 0.43844 | 0.38365 | 0.207 | 0.8116 | 2 |
| 17 | 0.38193 | 0.22705 | 0.50307 | 0.51128 | 0.58173 | 4 |
| 18 | 0.89237 | 0.3566 | 0.276 | 0.39372 | 0.54474 | 4 |
| 19 | 0.07102 | 0.27686 | 0.64508 | 0.39243 | 0.80829 | 1 |
| 20 | 0.06043 | 0.46069 | 0.49946 | 0.21095 | 0.86715 | 1 |
| 1 | 0.24739 | 0.11109 | 0.42726 | 0.46628 | 0.34838 | 3 |
| 2 | 0.059 | 0.36044 | 0.47581 | 0.28041 | 0.79366 | 2 |
| 3 | 0.0982 | 0.21128 | 0.57833 | 0.36398 | 0.67781 | 2 |
| 4 | 0.29027 | 0.06673 | 0.60357 | 0.58428 | 0.33216 | 3 |
| 5 | 0.33946 | 0.20477 | 0.68285 | 0.477 | 0.67109 | 4 |
| 6 | 0.07575 | 0.49081 | 0.02556 | 0.16138 | 0.66951 | 2 |
| 7 | 0.42788 | 0.03327 | 0.77696 | 0.85003 | 0.34878 | 5 |
| 8 | 0.32931 | 0.05584 | 0.61459 | 0.64624 | 0.2967 | 3 |
| 9 | 0.4326 | 0.2788 | 0.6976 | 0.46535 | 0.76817 | 4 |
| 10 | 0.07723 | 0.3131 | 0.46741 | 0.30716 | 0.73847 | 1 |
| 11 | 0.21516 | 0.12364 | 0.64575 | 0.59033 | 0.53944 | 3 |
| 12 | 0.52565 | 0.20034 | 0.60094 | 0.54746 | 0.57898 | 4 |
| 13 | 0.27825 | 0.03706 | 0.98216 | 0.75038 | 0.64063 | 3 |
| 14 | 0.51583 | 0.3511 | 0.45649 | 0.3684 | 0.67146 | 4 |
| 15 | 0.27096 | 0.05633 | 0.78406 | 0.6764 | 0.46206 | 3 |
| 16 | 0.03944 | 0.43844 | 0.38365 | 0.207 | 0.8116 | 2 |
| 17 | 0.38193 | 0.22705 | 0.50307 | 0.51128 | 0.58173 | 4 |
| 18 | 0.89237 | 0.3566 | 0.276 | 0.39372 | 0.54474 | 4 |
| 19 | 0.07102 | 0.27686 | 0.64508 | 0.39243 | 0.80829 | 1 |
| 20 | 0.06043 | 0.46069 | 0.49946 | 0.21095 | 0.86715 | 1 |

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Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|----|---------|----------|-------------|---------|---------|--------|
| 41 | 0.36725 | 0.04073 | 0.68366 | 0.69316 | 0.28945 | 5 |
| 42 | 0.02876 | 0.52499 | 0.45429 | 0.21096 | 0.87757 | 1 |
| 43 | 0.11607 | 0.14513 | 0.90947 | 0.44338 | 0.88017 | 3 |
| 44 | 0.07756 | 0.3032 | 0.46058 | 0.30799 | 0.71607 | 2 |
| 45 | 0.02466 | 0.39675 | 0.66203 | 0.20367 | 0.94635 | 1 |
| 46 | 0.1403 | 0.09357 | 0.92844 | 0.54837 | 0.78552 | 3 |
| 47 | 0.1149 | 0.18706 | 0.66381 | 0.3781 | 0.68278 | 1 |
| 48 | 0.24544 | 0.05664 | 0.7884 | 0.6171 | 0.46337 | 5 |
| 49 | 0.04439 | 0.32704 | 0.66474 | 0.28539 | 0.88291 | 2 |
| 50 | 0.89352 | 0.30097 | 0.39389 | 0.38941 | 0.56224 | 4 |
| 51 | 0.27139 | 0.0755 | 0.7463 | 0.65516 | 0.46514 | 3 |
| 52 | 0.03857 | 0.3732 | 0.61346 | 0.18626 | 0.85561 | 2 |
| 53 | 0.04872 | 0.38429 | 0.37592 | 0.22618 | 0.7605 | 2 |
| 54 | 0.0247 | 0.52597 | 0.36558 | 0.13625 | 0.8627 | 1 |
| 55 | 0.02932 | 0.48526 | 0.61658 | 0.18032 | 0.95806 | 1 |
| 56 | 0.71296 | 0.16763 | 0.69003 | 0.50893 | 0.56505 | 4 |
| 57 | 0.13134 | 0.15239 | 0.81833 | 0.51501 | 0.76905 | 3 |
| 58 | 0.05395 | 0.4774 | 0.5102 | 0.17508 | 0.88453 | 1 |
| 59 | 0.05754 | 0.84465 | 0.14666 | 0.05112 | 0.90995 | 2 |
| 60 | 1 | 0.47727 | 0.19237 | 0.3413 | 0.60932 | 4 |
| 61 | 0.03432 | 0.6538 | 0.37879 | 0.08091 | 0.92632 | 2 |
| 62 | 0.34251 | 0.06294 | 0.73411 | 0.80275 | 0.43391 | 3 |
| 63 | 0.63961 | 0.2012 | 0.57431 | 0.47253 | 0.55153 | 4 |
| 64 | 0.24969 | 0.28458 | 0.76679 | 0.37944 | 0.89108 | 4 |
| 65 | 0.23925 | 0.07428 | 0.81234 | 0.64617 | 0.55173 | 3 |
| 66 | 0.22455 | 0.05871 | 0.8447 | 0.62883 | 0.55164 | 5 |
| 67 | 0.4084 | 0.02755 | 0.79277 | 0.81144 | 0.33461 | 5 |
| 68 | 0.52409 | 0.20288 | 0.64825 | 0.55776 | 0.61757 | 4 |
| 69 | 0.02987 | 0.40109 | 0.44018 | 0.13315 | 0.82446 | 2 |
| 70 | 0.54815 | 0.01595 | 0.6495 | 0.83688 | 0.13099 | 5 |
| 71 | 0.72319 | 0.23742 | 0.70177 | 0.52904 | 0.71483 | 4 |
| 72 | 0.19969 | 0.12065 | 0.944 | 0.65916 | 0.83024 | 3 |
| 73 | 0.06193 | 0.28833 | 0.62352 | 0.28938 | 0.80328 | 2 |
| 74 | 0.23045 | 0.07417 | 0.7179 | 0.54648 | 0.45538 | 5 |
| 75 | 0.24167 | 0.05779 | 0.79887 | 0.63774 | 0.48668 | 3 |
| 76 | 0.07319 | 0.36311 | 0.46429 | 0.31388 | 0.78132 | 2 |
| 77 | 0.24844 | 0.10443 | 0.57075 | 0.59748 | 0.43334 | 3 |
| 78 | 0.03923 | 0.39456 | 0.57301 | 0.22038 | 0.87999 | 1 |
| 79 | 0.15563 | 0.19151 | 0.58121 | 0.40138 | 0.61978 | 3 |
| 80 | 0.05406 | 0.36856 | 0.46072 | 0.24254 | 0.7825 | 2 |

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Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 81 | 0.16979 | 0.10488 | 0.6783 | 0.45191 | 0.50836 | 3 |
| 82 | 0.28577 | 0.01795 | 1 | 0.88672 | 0.62958 | 1 |
| 83 | 0.76247 | 0.30041 | 0.3244 | 0.44992 | 0.51987 | 4 |
| 84 | 0.08496 | 0.24162 | 0.58603 | 0.32964 | 0.7189 | 2 |
| 85 | 0.18508 | 0.17782 | 0.43646 | 0.45555 | 0.499 | 3 |
| 86 | 0.56366 | 0.28041 | 0.45656 | 0.3854 | 0.59925 | 4 |
| 87 | 0.31845 | 0.03087 | 0.94028 | 0.73954 | 0.51066 | 3 |
| 88 | 0.28139 | 0.04056 | 0.86149 | 0.72439 | 0.48884 | 3 |
| 89 | 0.53112 | 0.12502 | 0.67495 | 0.74296 | 0.52438 | 4 |
| 90 | 0.31343 | 0.1997 | 0.67019 | 0.53949 | 0.64374 | 4 |
| 91 | 0.59304 | 0.02418 | 0.90027 | 0.83738 | 0.41327 | 4 |
| 92 | 0.08019 | 0.40341 | 0.12113 | 0.25251 | 0.64845 | 2 |
| 93 | 0.37138 | 0.22744 | 0.57015 | 0.47497 | 0.62203 | 4 |
| 94 | 0.67012 | 0.19852 | 0.62647 | 0.53231 | 0.5684 | 4 |
| 95 | 0.03904 | 0.41066 | 0.51653 | 0.22853 | 0.85938 | 1 |
| 96 | 0.02259 | 0.55233 | 0.50476 | 0.12613 | 0.93243 | 1 |
| 97 | 0.37297 | 0.2491 | 0.59883 | 0.39442 | 0.65943 | 4 |
| 98 | 0.10487 | 0.17631 | 0.65794 | 0.35166 | 0.6714 | 2 |
| 99 | 0.04445 | 0.2988 | 0.74053 | 0.28638 | 0.91805 | 2 |
| 100 | 0.48154 | 0.01999 | 0.79504 | 0.87805 | 0.28166 | 5 |
| 101 | 0.33519 | 0.05176 | 0.60066 | 0.6341 | 0.28272 | 5 |
| 102 | 0.67932 | 0.02626 | 0.90166 | 0.98511 | 0.42883 | 4 |
| 103 | 0.5154 | 0.01031 | 0.7263 | 0.83216 | 0.14667 | 5 |
| 104 | 0.0555 | 0.6012 | 0.10691 | 0.14917 | 0.78555 | 1 |
| 105 | 0.07074 | 0.36629 | 0.69964 | 0.28237 | 0.91223 | 1 |
| 106 | 0.2582 | 0.11794 | 0.85245 | 0.6825 | 0.71036 | 4 |
| 107 | 0.34895 | 0.10707 | 0.73734 | 0.56412 | 0.54151 | 4 |
| 108 | 0.21767 | 0.156 | 0.55624 | 0.55677 | 0.526 | 3 |
| 109 | 0.2891 | 0.04028 | 0.86121 | 0.7029 | 0.49084 | 5 |
| 110 | 0.67759 | 0.20431 | 0.68837 | 0.55281 | 0.64036 | 4 |
| 111 | 0.02712 | 0.50452 | 0.44869 | 0.18859 | 0.88206 | 2 |
| 112 | 0.24785 | 0.1317 | 0.66325 | 0.57869 | 0.55241 | 3 |
| 113 | 0.03876 | 0.33839 | 0.58774 | 0.20503 | 0.85056 | 2 |
| 114 | 0.04499 | 0.31144 | 0.63211 | 0.20287 | 0.85123 | 1 |
| 115 | 0.13271 | 0.18238 | 0.63886 | 0.38222 | 0.64732 | 3 |
| 116 | 0.21714 | 0.15333 | 0.94774 | 0.47354 | 0.92854 | 3 |
| 117 | 0.05251 | 0.38102 | 0.57322 | 0.2172 | 0.84996 | 1 |
| 118 | 0.06677 | 0.17667 | 0.78677 | 0.33114 | 0.81751 | 2 |
| 119 | 0.05032 | 0.3462 | 0.47163 | 0.23753 | 0.77698 | 2 |
| 120 | 0.44631 | 0.03532 | 0.57813 | 0.69097 | 0.1725 | 5 |

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Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 121 | 0.74254 | 0.00802 | 0.59929 | 0.91919 | 0.00387 | 5 |
| 122 | 0.31341 | 0.04179 | 0.75865 | 0.69121 | 0.38427 | 5 |
| 123 | 0.04139 | 0.31315 | 0.57765 | 0.21557 | 0.82611 | 2 |
| 124 | 0.51726 | 0.20104 | 0.5277 | 0.54069 | 0.55003 | 4 |
| 125 | 0.11241 | 0.16822 | 0.6617 | 0.40378 | 0.67252 | 2 |
| 126 | 0.43145 | 0.19187 | 0.65888 | 0.58538 | 0.6434 | 4 |
| 127 | 0.45743 | 0.03077 | 0.5079 | 0.73298 | 0.1229 | 5 |
| 128 | 0.06351 | 0.35596 | 0.44146 | 0.2002 | 0.7525 | 1 |
| 129 | 0.65289 | 0.27754 | 0.67761 | 0.41797 | 0.74675 | 4 |
| 130 | 0.4687 | 0.03452 | 0.56585 | 0.69743 | 0.16067 | 5 |
| 131 | 0.10763 | 0.29084 | 0.38049 | 0.3593 | 0.6566 | 2 |
| 132 | 0.06314 | 0.42496 | 0.37997 | 0.18787 | 0.76298 | 1 |
| 133 | 0.57299 | 0.01933 | 0.58216 | 0.83476 | 0.09688 | 5 |
| 134 | 0.06416 | 0.47641 | 0.35605 | 0.24143 | 0.81005 | 1 |
| 135 | 0.59007 | 0.01308 | 0.6954 | 0.84911 | 0.12949 | 5 |
| 136 | 0.37582 | 0.01595 | 0.8768 | 0.88722 | 0.39754 | 5 |
| 137 | 0.31488 | 0.0518 | 0.68294 | 0.6642 | 0.33881 | 5 |
| 138 | 0.06496 | 0.21268 | 0.73212 | 0.34179 | 0.81902 | 1 |
| 139 | 0.02182 | 0.55189 | 0.16503 | 0.07122 | 0.8047 | 2 |
| 140 | 0.1064 | 0.27217 | 0.4183 | 0.33507 | 0.65496 | 2 |
| 141 | 0.37983 | 0.02951 | 0.82331 | 0.79457 | 0.38015 | 5 |
| 142 | 0.07025 | 0.25461 | 0.62662 | 0.28411 | 0.77515 | 1 |
| 143 | 0.26229 | 0.05248 | 0.80686 | 0.67024 | 0.48949 | 5 |
| 144 | 0.09752 | 0.19514 | 0.62353 | 0.34449 | 0.69207 | 1 |
| 145 | 0.7525 | 0 | 0.77692 | 1 | 0.09609 | 5 |
| 146 | 0.6009 | 0.29536 | 0.47962 | 0.34547 | 0.60811 | 4 |
| 147 | 0.03875 | 0.42431 | 0.57534 | 0.19985 | 0.89292 | 2 |
| 148 | 0.34119 | 0.38046 | 0.40278 | 0.2947 | 0.6968 | 4 |
| 149 | 0.02918 | 0.78855 | 0.37756 | 0.05988 | 0.98346 | 1 |
| 150 | 0.3086 | 0.20219 | 0.67003 | 0.4254 | 0.65691 | 4 |
| 151 | 0.38367 | 0.08721 | 0.83499 | 0.68455 | 0.60398 | 4 |
| 152 | 0.36786 | 0.38306 | 0.69399 | 0.27913 | 0.89287 | 4 |
| 153 | 0.23785 | 0.12014 | 0.72242 | 0.52565 | 0.56122 | 3 |
| 154 | 0.36275 | 0.39676 | 0.38155 | 0.32049 | 0.69596 | 4 |
| 155 | 0.37288 | 0.02321 | 0.86255 | 0.82584 | 0.4087 | 5 |
| 156 | 0.42331 | 0.23869 | 0.49993 | 0.47089 | 0.59561 | 4 |
| 157 | 0.42477 | 0.03476 | 0.70335 | 0.79757 | 0.2641 | 5 |
| 158 | 0.47662 | 0.03424 | 0.582 | 0.696 | 0.15172 | 5 |
| 159 | 0.08675 | 0.31726 | 0.44617 | 0.25962 | 0.70107 | 1 |
| 160 | 0.36 | 0.03692 | 0.72814 | 0.73241 | 0.31388 | 3 |

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Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 161 | 0.0354 | 0.51707 | 0.38684 | 0.14724 | 0.84955 | 2 |
| 162 | 0.32765 | 0.33347 | 0.77407 | 0.37439 | 0.91974 | 4 |
| 163 | 0.10825 | 0.20413 | 0.52169 | 0.36694 | 0.63076 | 2 |
| 164 | 0.15212 | 0.09136 | 0.88549 | 0.59462 | 0.73954 | 1 |
| 165 | 0.37077 | 0.03803 | 0.7432 | 0.73816 | 0.3284 | 5 |
| 166 | 0.02936 | 0.56281 | 0.25374 | 0.09857 | 0.82005 | 1 |
| 167 | 0.52109 | 0.01778 | 0.63437 | 0.80738 | 0.12721 | 5 |
| 168 | 0.14614 | 0.1509 | 0.61493 | 0.46721 | 0.57895 | 3 |
| 169 | 0.26713 | 0.111 | 0.62427 | 0.51793 | 0.44763 | 3 |
| 170 | 0.29382 | 0.03612 | 0.79626 | 0.69974 | 0.40572 | 5 |
| 171 | 0.47873 | 0.03533 | 0.55043 | 0.69768 | 0.13703 | 5 |
| 172 | 0.09191 | 0.19185 | 0.87425 | 0.39175 | 0.90986 | 3 |
| 173 | 0.54295 | 0.18842 | 0.66527 | 0.41968 | 0.60906 | 4 |
| 174 | 0.04391 | 0.50303 | 0.44398 | 0.2036 | 0.8701 | 1 |
| 175 | 0.04499 | 0.38021 | 0.53597 | 0.25134 | 0.84679 | 1 |
| 176 | 0.21318 | 0.1408 | 0.69785 | 0.46978 | 0.60976 | 3 |
| 177 | 0.40621 | 0.03284 | 0.75838 | 0.83238 | 0.31576 | 5 |
| 178 | 0.46624 | 0.23543 | 0.46393 | 0.45161 | 0.56285 | 4 |
| 179 | 0.08563 | 0.27216 | 0.44615 | 0.27661 | 0.676 | 2 |
| 180 | 0.20385 | 0.08504 | 0.72832 | 0.54481 | 0.50034 | 3 |
| 181 | 0.05317 | 0.38071 | 0.43475 | 0.26971 | 0.79856 | 1 |
| 182 | 0.22337 | 0.0696 | 0.73809 | 0.5832 | 0.46209 | 3 |
| 183 | 0.41444 | 0.02877 | 0.7736 | 0.86409 | 0.31428 | 3 |
| 184 | 0.02718 | 0.56852 | 0.44023 | 0.2151 | 0.90777 | 1 |
| 185 | 0.05075 | 0.32575 | 0.54717 | 0.28648 | 0.81225 | 1 |
| 186 | 0.06181 | 0.28119 | 0.61186 | 0.29473 | 0.80775 | 2 |
| 187 | 0.10884 | 0.16632 | 0.8386 | 0.43458 | 0.79168 | 1 |
| 188 | 0.35724 | 0.0237 | 0.8931 | 0.80395 | 0.4354 | 5 |
| 189 | 0.05222 | 0.76872 | 0.2776 | 0.07953 | 0.9356 | 2 |
| 190 | 0.027 | 0.46165 | 0.37746 | 0.14596 | 0.83338 | 2 |
| 191 | 0.08208 | 0.20157 | 0.68345 | 0.34367 | 0.75256 | 1 |
| 192 | 0.01995 | 0.62932 | 0.29465 | 0.09447 | 0.88092 | 2 |
| 193 | 0.56752 | 0.31242 | 0.63872 | 0.39865 | 0.75377 | 4 |
| 194 | 0.64163 | 0.05554 | 0.77907 | 0.75787 | 0.37806 | 4 |
| 195 | 0.5084 | 0.01133 | 0.81176 | 0.89144 | 0.24621 | 5 |
| 196 | 0.49027 | 0.02276 | 0.6183 | 0.76547 | 0.14804 | 5 |
| 197 | 0.19786 | 0.18423 | 0.43219 | 0.42024 | 0.50425 | 3 |
| 198 | 0.24781 | 0.07883 | 0.80534 | 0.62655 | 0.49872 | 5 |
| 199 | 0.37451 | 0.22494 | 0.73094 | 0.65062 | 0.73776 | 4 |
| 200 | 0.07669 | 0.37454 | 0.25109 | 0.19229 | 0.67293 | 1 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :

a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 201 | 0.41669 | 0.03001 | 0.73421 | 0.76061 | 0.26026 | 5 |
| 202 | 0.36429 | 0.32896 | 0.42655 | 0.36749 | 0.66217 | 4 |
| 203 | 0.60985 | 0.14427 | 0.74053 | 0.58194 | 0.5902 | 4 |
| 204 | 0.09702 | 0.19729 | 0.67774 | 0.36211 | 0.71699 | 3 |
| 205 | 0.04307 | 0.36078 | 0.5722 | 0.1824 | 0.83142 | 1 |
| 206 | 0.20447 | 0.1524 | 0.50455 | 0.52156 | 0.49313 | 3 |
| 207 | 0.03474 | 0.4021 | 0.63586 | 0.18565 | 0.91278 | 2 |
| 208 | 0.07557 | 0.28759 | 0.49459 | 0.32146 | 0.7292 | 1 |
| 209 | 0.13393 | 0.22339 | 0.664 | 0.34309 | 0.7221 | 3 |
| 210 | 0.07219 | 0.22533 | 0.63724 | 0.30571 | 0.7496 | 2 |
| 211 | 0.63382 | 0.1564 | 0.79542 | 0.55331 | 0.6753 | 4 |
| 212 | 0.0929 | 0.2455 | 0.53635 | 0.37201 | 0.70933 | 2 |
| 213 | 0.01014 | 0.65496 | 0.34754 | 0.0962 | 0.93953 | 1 |
| 214 | 0.04656 | 0.35962 | 0.50307 | 0.20569 | 0.80756 | 2 |
| 215 | 0.53715 | 0.38569 | 0.4345 | 0.28443 | 0.69206 | 4 |
| 216 | 0.21767 | 0.05606 | 0.85236 | 0.60321 | 0.56204 | 5 |
| 217 | 0.0408 | 0.44395 | 0.38661 | 0.15173 | 0.80843 | 1 |
| 218 | 0.14275 | 0.22341 | 0.60696 | 0.32403 | 0.68163 | 3 |
| 219 | 0.17391 | 0.07566 | 0.97603 | 0.80684 | 0.85235 | 3 |
| 220 | 0.30271 | 0.31145 | 0.59558 | 0.2813 | 0.72977 | 4 |
| 221 | 0.36328 | 0.03119 | 0.76978 | 0.78177 | 0.33155 | 5 |
| 222 | 0.23177 | 0.0566 | 0.81482 | 0.62835 | 0.51658 | 5 |
| 223 | 0.06391 | 0.45923 | 0.32014 | 0.24644 | 0.77499 | 2 |
| 224 | 0.29546 | 0.05312 | 0.64786 | 0.61001 | 0.31615 | 3 |
| 225 | 0.07944 | 0.35643 | 0.38495 | 0.34153 | 0.7381 | 2 |
| 226 | 0.01016 | 1 | 0.13794 | 0 | 0.97103 | 1 |
| 227 | 0.03646 | 0.45064 | 0.2697 | 0.12971 | 0.75997 | 2 |
| 228 | 0.1217 | 0.11486 | 0.93987 | 0.55407 | 0.87506 | 3 |
| 229 | 0.22588 | 0.05115 | 0.93409 | 0.65982 | 0.59129 | 3 |
| 230 | 0.06035 | 0.39907 | 0.46886 | 0.29263 | 0.81631 | 1 |
| 231 | 0.88593 | 0.2818 | 0.37023 | 0.45689 | 0.52082 | 4 |
| 232 | 0.13422 | 0.13703 | 0.78665 | 0.55561 | 0.72483 | 3 |
| 233 | 0.48431 | 0.01558 | 0.81536 | 0.88002 | 0.27611 | 5 |
| 234 | 0.11604 | 0.18353 | 0.70838 | 0.4305 | 0.73169 | 2 |
| 235 | 0.68703 | 0.05954 | 0.78906 | 0.70021 | 0.40802 | 4 |
| 236 | 0.14501 | 0.23272 | 0.41412 | 0.43612 | 0.5814 | 3 |
| 237 | 0.10679 | 0.26005 | 0.39459 | 0.3104 | 0.62532 | 2 |
| 238 | 0.39163 | 0.46894 | 0.34852 | 0.3435 | 0.71254 | 4 |
| 239 | 0.02867 | 0.50893 | 0.45783 | 0.15007 | 0.8691 | 1 |
| 240 | 0.33154 | 0.0321 | 0.85556 | 0.81985 | 0.4663 | 5 |

Hak Cipta Dilindungi Undang-undang

Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :

a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah

b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 241 | 0.20716 | 0.07269 | 0.83083 | 0.66857 | 0.59811 | 3 |
| 242 | 0.09371 | 0.18368 | 0.73175 | 0.38226 | 0.75318 | 1 |
| 243 | 0.06954 | 0.45714 | 0.33757 | 0.29459 | 0.77338 | 2 |
| 244 | 0.0369 | 0.4982 | 0.37907 | 0.16 | 0.83451 | 1 |
| 245 | 0.24478 | 0.08565 | 0.80576 | 0.73272 | 0.60201 | 3 |
| 246 | 0.21802 | 0.07832 | 0.75012 | 0.5754 | 0.5128 | 5 |
| 247 | 0.29893 | 0.21519 | 0.77537 | 0.48717 | 0.80052 | 4 |
| 248 | 0.1108 | 0.20433 | 0.70413 | 0.41644 | 0.74466 | 3 |
| 249 | 0.56209 | 0.11776 | 0.81203 | 0.59951 | 0.60704 | 4 |
| 250 | 0.01515 | 0.82648 | 0.26066 | 0.11704 | 0.95264 | 1 |
| 251 | 0.28315 | 0.03817 | 0.83748 | 0.69988 | 0.45074 | 3 |
| 252 | 0.65927 | 0.08269 | 0.85762 | 0.66716 | 0.59316 | 4 |
| 253 | 0.07171 | 0.34502 | 0.52304 | 0.3808 | 0.81082 | 1 |
| 254 | 0.06598 | 0.32848 | 0.49096 | 0.21066 | 0.7476 | 1 |
| 255 | 0.40516 | 0.03913 | 0.69951 | 0.69563 | 0.27037 | 5 |
| 256 | 0.39667 | 0.20504 | 0.49435 | 0.56773 | 0.54216 | 4 |
| 257 | 0.46161 | 0.27909 | 0.73059 | 0.36579 | 0.7918 | 4 |
| 258 | 0.21344 | 0.12437 | 0.80202 | 0.72925 | 0.70088 | 3 |
| 259 | 0.47482 | 0.42561 | 0.28907 | 0.24608 | 0.63402 | 4 |
| 260 | 0.08599 | 0.34398 | 0.37633 | 0.25598 | 0.69605 | 1 |
| 261 | 0.08738 | 0.20805 | 0.68819 | 0.35002 | 0.75293 | 2 |
| 262 | 0.12132 | 0.17082 | 0.70085 | 0.40214 | 0.67168 | 3 |
| 263 | 0.07712 | 0.41396 | 0.4102 | 0.31075 | 0.78875 | 1 |
| 264 | 0.05343 | 0.41044 | 0.36071 | 0.20714 | 0.76771 | 2 |
| 265 | 0.01918 | 0.82415 | 0.414 | 0.06587 | 1 | 1 |
| 266 | 0.02183 | 0.56724 | 0.50478 | 0.15477 | 0.93747 | 2 |
| 267 | 0.07285 | 0.349 | 0.41622 | 0.29015 | 0.73479 | 2 |
| 268 | 0.44586 | 0.03986 | 0.53366 | 0.68578 | 0.16759 | 5 |
| 269 | 0.16375 | 0.26937 | 0.77761 | 0.3098 | 0.83354 | 3 |
| 270 | 0.57812 | 0.05091 | 0.85167 | 0.80564 | 0.47603 | 4 |
| 271 | 0.59011 | 0.02203 | 0.58254 | 0.73511 | 0.05912 | 5 |
| 272 | 0.36714 | 0.17785 | 0.65045 | 0.64184 | 0.61165 | 4 |
| 273 | 0.05704 | 0.39317 | 0.30907 | 0.22918 | 0.72775 | 2 |
| 274 | 0.21587 | 0.14789 | 0.69366 | 0.44578 | 0.61765 | 3 |
| 275 | 0.58026 | 0.27211 | 0.4794 | 0.38964 | 0.57936 | 4 |
| 276 | 0.23146 | 0.06277 | 0.82708 | 0.63753 | 0.52207 | 3 |
| 277 | 0.03535 | 0.36229 | 0.62199 | 0.24844 | 0.89478 | 1 |
| 278 | 0.06863 | 0.33652 | 0.45991 | 0.29649 | 0.75666 | 2 |
| 279 | 0.15779 | 0.19129 | 0.67749 | 0.39787 | 0.65747 | 3 |
| 280 | 0.19644 | 0.23679 | 0.75212 | 0.57712 | 0.82862 | 4 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :

a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.

2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 281 | 0.09532 | 0.17563 | 0.67942 | 0.35615 | 0.69636 | 2 |
| 282 | 0.56261 | 0.26449 | 0.49764 | 0.43462 | 0.59436 | 4 |
| 283 | 0.04645 | 0.56174 | 0.40509 | 0.14369 | 0.88148 | 1 |
| 284 | 0.58182 | 0.34235 | 0.47728 | 0.35534 | 0.64715 | 4 |
| 285 | 0.07744 | 0.29181 | 0.51689 | 0.32131 | 0.75111 | 2 |
| 286 | 0.09014 | 0.26444 | 0.46842 | 0.32701 | 0.67636 | 2 |
| 287 | 0.01961 | 0.66446 | 0.41914 | 0.12173 | 0.9491 | 1 |
| 288 | 0.47556 | 0.02748 | 0.58281 | 0.76002 | 0.15295 | 5 |
| 289 | 0.33489 | 0.24522 | 0.65672 | 0.52415 | 0.72091 | 4 |
| 290 | 0.14174 | 0.12356 | 0.87098 | 0.58913 | 0.80072 | 3 |
| 291 | 0.33626 | 0.19173 | 0.69762 | 0.43342 | 0.64392 | 4 |
| 292 | 0.54152 | 0.14456 | 0.74359 | 0.54846 | 0.57408 | 4 |
| 293 | 0.29961 | 0.04567 | 0.82797 | 0.72604 | 0.47334 | 5 |
| 294 | 0.47025 | 0.18016 | 0.51203 | 0.56542 | 0.5024 | 4 |
| 295 | 0.08489 | 0.28703 | 0.57098 | 0.39483 | 0.77164 | 1 |
| 296 | 0.42591 | 0.06161 | 0.96565 | 0.68855 | 0.74586 | 4 |
| 297 | 0.33134 | 0.04965 | 0.79017 | 0.77349 | 0.44709 | 5 |
| 298 | 0.20704 | 0.07083 | 0.81798 | 0.57949 | 0.57432 | 5 |
| 299 | 0.05775 | 0.30288 | 0.58491 | 0.25825 | 0.8069 | 1 |
| 300 | 0 | 0.93943 | 0.20708 | 0.04271 | 0.98989 | 1 |
| 301 | 0.20715 | 0.05003 | 0.90285 | 0.65929 | 0.62686 | 5 |
| 302 | 0.01172 | 0.75933 | 0.33993 | 0.0514 | 0.96808 | 1 |
| 303 | 0.05226 | 0.26131 | 0.65679 | 0.26895 | 0.81698 | 2 |
| 304 | 0.15577 | 0.18039 | 0.70757 | 0.61586 | 0.70586 | 3 |
| 305 | 0.25707 | 0.04464 | 0.86385 | 0.73145 | 0.53325 | 5 |
| 306 | 0.04158 | 0.55997 | 0.37919 | 0.20138 | 0.85658 | 2 |
| 307 | 0.077 | 0.38197 | 0.24647 | 0.22686 | 0.66919 | 2 |
| 308 | 0.20055 | 0.09874 | 0.80782 | 0.54747 | 0.56805 | 5 |
| 309 | 0.39139 | 0.03095 | 0.76655 | 0.80962 | 0.32012 | 5 |
| 310 | 0.02401 | 0.52677 | 0.41016 | 0.168 | 0.87168 | 2 |
| 311 | 0.19036 | 0.08031 | 0.88799 | 0.69657 | 0.6999 | 3 |
| 312 | 0.16293 | 0.19176 | 0.49162 | 0.4513 | 0.56321 | 3 |
| 313 | 0.05396 | 0.40658 | 0.44899 | 0.27566 | 0.81259 | 2 |
| 314 | 0.24367 | 0.07418 | 0.85585 | 0.62001 | 0.60118 | 3 |
| 315 | 0.07435 | 0.32457 | 0.463 | 0.23058 | 0.72897 | 1 |
| 316 | 0.33777 | 0.04011 | 0.81428 | 0.77191 | 0.43463 | 5 |
| 317 | 0.0723 | 0.27584 | 0.49543 | 0.27062 | 0.70754 | 2 |
| 318 | 0.05669 | 0.33713 | 0.59861 | 0.34012 | 0.85875 | 2 |
| 319 | 0.1042 | 0.23301 | 0.69368 | 0.36333 | 0.77484 | 3 |
| 320 | 0.00575 | 0.69191 | 0.35201 | 0.04224 | 0.95172 | 1 |

Hak Cipta Dilindungi Undang-undang

IPB University

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 321 | 0.38564 | 0.17703 | 0.77846 | 0.61911 | 0.71426 | 4 |
| 322 | 0.20844 | 0.11143 | 0.73282 | 0.51518 | 0.55949 | 3 |
| 323 | 0.38366 | 0.13218 | 0.75341 | 0.5369 | 0.59065 | 4 |
| 324 | 0.24902 | 0.06916 | 0.75521 | 0.61898 | 0.48566 | 5 |
| 325 | 0.54195 | 0.01512 | 0.78363 | 0.8968 | 0.23628 | 5 |
| 326 | 0.17038 | 0.20522 | 0.56721 | 0.39414 | 0.62998 | 3 |
| 327 | 0.10396 | 0.13191 | 0.83007 | 0.47144 | 0.76658 | 3 |
| 328 | 0.48516 | 0.01976 | 0.79168 | 0.8776 | 0.27658 | 5 |
| 329 | 0.14717 | 0.11604 | 0.71552 | 0.47714 | 0.61511 | 1 |
| 330 | 0.37678 | 0.0444 | 0.82847 | 0.82891 | 0.43718 | 3 |
| 331 | 0.71375 | 0.19032 | 0.5751 | 0.57993 | 0.52209 | 4 |
| 332 | 0.04707 | 0.47153 | 0.35907 | 0.21271 | 0.80849 | 2 |
| 333 | 0.15101 | 0.12622 | 0.80494 | 0.5512 | 0.70712 | 3 |
| 334 | 0.21125 | 0.21772 | 0.77326 | 0.55794 | 0.81358 | 4 |
| 335 | 0.68282 | 0.21319 | 0.39081 | 0.48217 | 0.46425 | 4 |
| 336 | 0.26432 | 0.08052 | 0.75746 | 0.64055 | 0.50111 | 5 |
| 337 | 0.07794 | 0.21987 | 0.69963 | 0.33178 | 0.78137 | 1 |
| 338 | 0.33935 | 0.03656 | 0.78301 | 0.76031 | 0.38816 | 5 |
| 339 | 0.25579 | 0.05393 | 0.86226 | 0.70867 | 0.52826 | 5 |
| 340 | 0.03404 | 0.64745 | 0.33857 | 0.09354 | 0.89875 | 1 |
| 341 | 0.44026 | 0.02382 | 0.76633 | 0.79067 | 0.27799 | 5 |
| 342 | 0.0568 | 0.32501 | 0.50209 | 0.26508 | 0.7735 | 1 |
| 343 | 0.30257 | 0.03087 | 0.96582 | 0.82279 | 0.58017 | 3 |
| 344 | 0.04447 | 0.46753 | 0.36668 | 0.13484 | 0.78475 | 2 |
| 345 | 0.07729 | 0.41761 | 0.35158 | 0.28766 | 0.75375 | 2 |
| 346 | 0.04884 | 0.36151 | 0.47976 | 0.1978 | 0.79424 | 2 |
| 347 | 0.04004 | 0.43992 | 0.65546 | 0.23673 | 0.94133 | 2 |
| 348 | 0.71155 | 0.2269 | 0.62621 | 0.47783 | 0.61653 | 4 |
| 349 | 0.37903 | 0.01948 | 0.8646 | 0.73367 | 0.34115 | 3 |
| 350 | 0.46716 | 0.03148 | 0.52625 | 0.7273 | 0.13425 | 5 |
| 351 | 0.03396 | 0.40163 | 0.56823 | 0.17632 | 0.8871 | 1 |
| 352 | 0.11424 | 0.09888 | 0.96498 | 0.61405 | 0.8765 | 3 |
| 353 | 0.37185 | 0.03795 | 0.76443 | 0.76856 | 0.36261 | 5 |
| 354 | 0.08774 | 0.17208 | 0.77319 | 0.36666 | 0.77467 | 1 |
| 355 | 0.13715 | 0.08968 | 0.93885 | 0.61741 | 0.83808 | 3 |
| 356 | 0.05283 | 0.43243 | 0.34853 | 0.23262 | 0.77898 | 2 |
| 357 | 0.49519 | 0.01359 | 0.77126 | 0.84713 | 0.22463 | 5 |
| 358 | 0.35256 | 0.0401 | 0.66876 | 0.68519 | 0.27937 | 5 |
| 359 | 0.1503 | 0.17747 | 0.56054 | 0.44117 | 0.57886 | 3 |
| 360 | 0.254 | 0.0421 | 0.84929 | 0.66571 | 0.50178 | 5 |

Hak Cipta Dilindungi Undang-undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 361 | 0.01738 | 0.62368 | 0.28885 | 0.07263 | 0.87169 | 1 |
| 362 | 0.01187 | 0.64301 | 0.34272 | 0.07447 | 0.91627 | 2 |
| 363 | 0.1944 | 0.08049 | 0.82039 | 0.56515 | 0.58216 | 3 |
| 364 | 0.05542 | 0.38159 | 0.46463 | 0.28107 | 0.80398 | 1 |
| 365 | 0.42403 | 0.02089 | 0.77953 | 0.83072 | 0.28397 | 5 |
| 366 | 0.07072 | 0.25924 | 0.69454 | 0.31882 | 0.8161 | 1 |
| 367 | 0.03075 | 0.59811 | 0.52304 | 0.15404 | 0.94743 | 1 |
| 368 | 0.51174 | 0.10734 | 0.86322 | 0.65691 | 0.67359 | 4 |
| 369 | 0.44449 | 0.0312 | 0.63644 | 0.69687 | 0.18792 | 5 |
| 370 | 0.4849 | 0.00829 | 0.79935 | 0.85481 | 0.21472 | 5 |
| 371 | 0.06296 | 0.25885 | 0.66556 | 0.31687 | 0.8087 | 1 |
| 372 | 0.01808 | 0.47749 | 0.49676 | 0.14275 | 0.91297 | 2 |
| 373 | 0.40853 | 0.02056 | 0.8891 | 0.91773 | 0.41809 | 3 |
| 374 | 0.03089 | 0.59065 | 0.12152 | 0.117 | 0.80262 | 1 |
| 375 | 0.27723 | 0.03973 | 0.81736 | 0.727 | 0.45579 | 5 |
| 376 | 0.07986 | 0.35959 | 0.49467 | 0.41794 | 0.79986 | 2 |
| 377 | 0.74055 | 0.25416 | 0.59119 | 0.50296 | 0.63391 | 4 |
| 378 | 0.46792 | 0.02028 | 0.79243 | 0.90209 | 0.29511 | 5 |
| 379 | 0.64481 | 0.35737 | 0.6213 | 0.32367 | 0.75705 | 4 |
| 380 | 0.28258 | 0.03923 | 0.84615 | 0.74207 | 0.48601 | 5 |
| 381 | 0.78173 | 0.32711 | 0.38039 | 0.4112 | 0.57735 | 4 |
| 382 | 0.13941 | 0.12335 | 0.80544 | 0.53149 | 0.71008 | 1 |
| 383 | 0.05391 | 0.38569 | 0.44188 | 0.24284 | 0.78755 | 2 |
| 384 | 0.05071 | 0.41852 | 0.37771 | 0.1798 | 0.77305 | 2 |
| 385 | 0.5211 | 0.00615 | 0.93454 | 0.95527 | 0.33404 | 3 |
| 386 | 0.06853 | 0.2729 | 0.66944 | 0.38086 | 0.83007 | 1 |
| 387 | 0.11501 | 0.16926 | 0.90975 | 0.44738 | 0.93156 | 3 |
| 388 | 0.29562 | 0.05742 | 0.8574 | 0.72207 | 0.55381 | 3 |
| 389 | 0.55442 | 0.08799 | 0.74423 | 0.83534 | 0.48782 | 4 |
| 390 | 0.30605 | 0.05188 | 0.79707 | 0.72742 | 0.4713 | 5 |
| 391 | 0.04078 | 0.38853 | 0.36577 | 0.14775 | 0.75772 | 2 |
| 392 | 0.22487 | 0.07454 | 0.74274 | 0.55555 | 0.47131 | 3 |
| 393 | 0.53757 | 0.00775 | 0.72294 | 0.82634 | 0.12756 | 5 |
| 394 | 0.36257 | 0.03065 | 0.77553 | 0.76883 | 0.33514 | 5 |
| 395 | 0.48047 | 0.02361 | 0.74887 | 0.86257 | 0.25441 | 5 |
| 396 | 0.35337 | 0.02544 | 0.85586 | 0.79572 | 0.40295 | 5 |
| 397 | 0.05603 | 0.35436 | 0.64835 | 0.29755 | 0.87178 | 2 |
| 398 | 0.18784 | 0.13538 | 0.72868 | 0.45812 | 0.63372 | 3 |
| 399 | 0.86295 | 0.3147 | 0.47094 | 0.36953 | 0.60963 | 4 |
| 400 | 0.27613 | 0.04997 | 0.79726 | 0.67932 | 0.46105 | 5 |

Hak Cipta Dilindungi Undang-undang

IPB University

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 - a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 401 | 0.02685 | 0.5791 | 0.37012 | 0.14721 | 0.87368 | 2 |
| 402 | 0.18292 | 0.14559 | 0.58162 | 0.51476 | 0.53531 | 3 |
| 403 | 0.44337 | 0.03266 | 0.61833 | 0.68612 | 0.17787 | 5 |
| 404 | 0.04684 | 0.53906 | 0.08151 | 0.09833 | 0.73555 | 1 |
| 405 | 0.04574 | 0.40392 | 0.37552 | 0.20261 | 0.7765 | 2 |
| 406 | 0.21053 | 0.09115 | 0.71319 | 0.52163 | 0.49235 | 3 |
| 407 | 0.28279 | 0.24505 | 0.54738 | 0.38686 | 0.65399 | 4 |
| 408 | 0.25801 | 0.17498 | 0.77878 | 0.77977 | 0.76771 | 4 |
| 409 | 0.01934 | 0.64435 | 0.26273 | 0.07406 | 0.87214 | 2 |
| 410 | 0.02623 | 0.43072 | 0.49089 | 0.13795 | 0.84533 | 1 |
| 411 | 0.44517 | 0.01403 | 0.85323 | 0.87203 | 0.32209 | 5 |
| 412 | 0.10272 | 0.24323 | 0.64465 | 0.39143 | 0.75134 | 3 |
| 413 | 0.51726 | 0.20104 | 0.5277 | 0.54069 | 0.55003 | 4 |
| 414 | 0.16309 | 0.10465 | 0.72338 | 0.49941 | 0.58448 | 2 |
| 415 | 0.25293 | 0.05326 | 0.83431 | 0.62705 | 0.50797 | 5 |
| 416 | 0.03569 | 0.3942 | 0.57533 | 0.17619 | 0.88827 | 1 |
| 417 | 0.03546 | 0.4835 | 0.39061 | 0.15239 | 0.82677 | 2 |
| 418 | 0.53668 | 0.01949 | 0.67239 | 0.78112 | 0.13817 | 5 |
| 419 | 0.02889 | 0.52219 | 0.36468 | 0.126 | 0.8484 | 1 |
| 420 | 0.16778 | 0.18001 | 0.5074 | 0.38055 | 0.55364 | 3 |
| 421 | 0.38634 | 0.36195 | 0.5369 | 0.46414 | 0.73028 | 4 |
| 422 | 0.06063 | 0.32681 | 0.41634 | 0.21106 | 0.72677 | 2 |
| 423 | 0.0677 | 0.35619 | 0.43005 | 0.25982 | 0.74926 | 2 |
| 424 | 0.01972 | 0.77684 | 0.23775 | 0.07422 | 0.92201 | 1 |
| 425 | 0.16735 | 0.11543 | 0.7961 | 0.60086 | 0.68376 | 3 |
| 426 | 0.29606 | 0.04681 | 0.7445 | 0.65072 | 0.39261 | 5 |
| 427 | 0.65989 | 0.15783 | 0.74894 | 0.51153 | 0.62519 | 4 |
| 428 | 0.0575 | 0.24128 | 0.71993 | 0.30183 | 0.84001 | 1 |
| 429 | 0.37588 | 0.2571 | 0.72083 | 0.41166 | 0.77133 | 4 |
| 430 | 0.29591 | 0.04522 | 0.76113 | 0.63793 | 0.39196 | 5 |
| 431 | 0.06242 | 0.37631 | 0.34293 | 0.21588 | 0.71524 | 2 |
| 432 | 0.04916 | 0.47019 | 0.34844 | 0.21223 | 0.80174 | 2 |
| 433 | 0.03193 | 0.72451 | 0.22231 | 0.09547 | 0.87821 | 2 |
| 434 | 0.06888 | 0.24867 | 0.59283 | 0.26806 | 0.74741 | 2 |
| 435 | 0.27147 | 0.29267 | 0.70419 | 0.35926 | 0.81645 | 4 |
| 436 | 0.3645 | 0.04304 | 0.69326 | 0.74038 | 0.3241 | 5 |
| 437 | 0.84767 | 0.27669 | 0.58889 | 0.4296 | 0.65054 | 4 |
| 438 | 0.03502 | 0.5531 | 0.4212 | 0.21972 | 0.91299 | 1 |
| 439 | 0.04413 | 0.6958 | 0.4083 | 0.09154 | 0.95452 | 1 |
| 440 | 0.04182 | 0.82411 | 0.12022 | 0.12311 | 0.89004 | 1 |

Hak Cipta Dilindungi Undang-undang

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 - b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|----------|---------|--------|
| 441 | 0.58734 | 0.19445 | 0.80264 | 0.54076 | 0.75971 | 4 |
| 442 | 0.28436 | 0.06757 | 0.80362 | 0.67759 | 0.45637 | 5 |
| 443 | 0.21377 | 0.10618 | 0.78523 | 0.57557 | 0.55374 | 5 |
| 444 | 0.46277 | 0.01821 | 0.80941 | 0.86398 | 0.29762 | 5 |
| 445 | 0.26689 | 0.10022 | 0.72557 | 0.68037 | 0.53119 | 3 |
| 446 | 0.23932 | 0.08729 | 0.67243 | 0.63552 | 0.46245 | 3 |
| 447 | 0.0168 | 0.56432 | 0.50013 | 0.11232 | 0.93212 | 2 |
| 448 | 0.15771 | 0.08285 | 0.97686 | 0.70996 | 0.84518 | 3 |
| 449 | 0.23042 | 0.15757 | 0.49859 | 0.56126 | 0.49797 | 3 |
| 450 | 0.11606 | 0.18598 | 0.73756 | 0.37358 | 0.74067 | 3 |
| 451 | 0.30617 | 0.13243 | 0.68132 | 0.59942 | 0.5315 | 4 |
| 452 | 0.58289 | 0.24917 | 0.62282 | 0.3946 | 0.65651 | 4 |
| 453 | 0.46479 | 0.02199 | 0.64206 | 0.75643 | 0.16927 | 5 |
| 454 | 0.15037 | 0.18664 | 0.47578 | 0.36553 | 0.53997 | 3 |
| 455 | 0.3601 | 0.21553 | 0.71735 | 0.59621 | 0.72467 | 4 |
| 456 | 0.5719 | 0.43094 | 0.59098 | 0.28755 | 0.81865 | 4 |
| 457 | 0.35907 | 0.03875 | 0.69607 | 0.71203 | 0.29628 | 5 |
| 458 | 0.26364 | 0.04207 | 0.86114 | 0.72288 | 0.52878 | 5 |
| 459 | 0.18973 | 0.10751 | 0.7777 | 0.56946 | 0.61374 | 3 |
| 460 | 0.07785 | 0.2784 | 0.63307 | 0.39909 | 0.814 | 2 |
| 461 | 0.08132 | 0.33467 | 0.46362 | 0.22896 | 0.73113 | 1 |
| 462 | 0.08384 | 0.25443 | 0.52238 | 0.31392 | 0.69489 | 2 |
| 463 | 0.10848 | 0.17658 | 0.8957 | 0.43505 | 0.89999 | 3 |
| 464 | 0.14035 | 0.14061 | 0.80015 | 0.41559 | 0.70876 | 3 |
| 465 | 0.32013 | 0.04139 | 0.83202 | 0.85676 | 0.47096 | 3 |
| 466 | 0.23955 | 0.08067 | 0.79269 | 0.62151 | 0.53263 | 3 |
| 467 | 0.00067 | 0.92382 | 0.20837 | 6.35E-06 | 0.97727 | 1 |
| 468 | 0.11192 | 0.35193 | 0.30539 | 0.34886 | 0.65736 | 1 |
| 469 | 0.49647 | 0.01196 | 0.78065 | 0.90551 | 0.23641 | 5 |
| 470 | 0.44517 | 0.01403 | 0.85323 | 0.87203 | 0.32209 | 5 |
| 471 | 0.45792 | 0.3442 | 0.42351 | 0.47704 | 0.65769 | 4 |
| 472 | 0.3036 | 0.052 | 0.66216 | 0.64666 | 0.34011 | 5 |
| 473 | 0.02583 | 0.61315 | 0.4001 | 0.18149 | 0.90076 | 1 |
| 474 | 0.2606 | 0.07717 | 0.72231 | 0.64552 | 0.46967 | 3 |
| 475 | 0.04077 | 0.73647 | 0.40811 | 0.05855 | 0.95707 | 2 |
| 476 | 0.06663 | 0.31578 | 0.45875 | 0.25361 | 0.73014 | 2 |
| 477 | 0.04867 | 0.41868 | 0.36929 | 0.23613 | 0.78647 | 2 |
| 478 | 0.02227 | 0.52054 | 0.42249 | 0.11601 | 0.88619 | 2 |
| 479 | 0.90057 | 0.46509 | 0.30672 | 0.32902 | 0.6603 | 4 |
| 480 | 0.07174 | 0.37165 | 0.34381 | 0.30157 | 0.72953 | 2 |

Hak cipta milik IPB University

Hak Cipta Dilindungi Undang-undang
 1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
 a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
 b. Pengutipan tidak merugikan kepentingan yang wajar IPB University.
 2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.

Lanjutan Lampiran 7

| No | ASM | Contrast | Correlation | IDM | Entropy | Target |
|-----|---------|----------|-------------|---------|---------|--------|
| 481 | 0.04109 | 0.33562 | 0.64013 | 0.25529 | 0.88808 | 1 |
| 482 | 0.07388 | 0.21659 | 0.64022 | 0.28261 | 0.74023 | 2 |
| 483 | 0.08649 | 0.35113 | 0.40149 | 0.2586 | 0.71956 | 1 |
| 484 | 0.48726 | 0.28289 | 0.69452 | 0.35592 | 0.76171 | 4 |
| 485 | 0.03308 | 0.31537 | 0.74501 | 0.26935 | 0.93828 | 1 |
| 486 | 0.0534 | 0.36218 | 0.52755 | 0.23666 | 0.82704 | 1 |
| 487 | 0.2766 | 0.04997 | 0.80471 | 0.6461 | 0.4543 | 5 |
| 488 | 0.23472 | 0.13731 | 0.4811 | 0.43874 | 0.44159 | 3 |
| 489 | 0.04936 | 0.3806 | 0.37118 | 0.20161 | 0.75375 | 2 |
| 490 | 0.4842 | 0.01558 | 0.8154 | 0.87976 | 0.27622 | 5 |
| 491 | 0.38718 | 0.19241 | 0.59613 | 0.63039 | 0.60738 | 4 |
| 492 | 0.48948 | 0.22848 | 0.48273 | 0.47391 | 0.56482 | 4 |
| 493 | 0.30052 | 0.20811 | 0.83549 | 0.44976 | 0.8282 | 4 |
| 494 | 0.70113 | 0.00847 | 0.57826 | 0.85098 | 0 | 5 |
| 495 | 0.26685 | 0.04795 | 0.8758 | 0.68951 | 0.50155 | 5 |
| 496 | 0.09702 | 0.21011 | 0.68089 | 0.4004 | 0.75254 | 1 |
| 497 | 0.41316 | 0.03372 | 0.54059 | 0.71472 | 0.17089 | 5 |
| 498 | 0.36008 | 0.31286 | 0.52152 | 0.31247 | 0.70332 | 4 |
| 499 | 0.37257 | 0.01248 | 0.91441 | 0.83258 | 0.41585 | 3 |
| 500 | 0.57358 | 0.01756 | 0.69724 | 0.86601 | 0.16183 | 5 |

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2. Dilarang mengumunkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB University.