CREATIVITY OF MALES IN VARIOUS SEXUAL ORIENTATION IN BOGOR WEST JAVA

ELLISA BETHANIA

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BOGOR
2016
1. Dilarang mengungkapkan detail seluruh horanya dan informasi dana manfaatkan non sembuh.
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Bogor, Februari 2016

Ellisa Bethania
NIM G34100012
ABSTRACT

ELLISA BETHANIA. Creativity of Males in Various Sexual Orientation in Bogor West Java. Supervised by BAMBANG SURYOBROTO and KANTHI ARUM WIDAYATI.

Human sexuality has several components, one of these is sexual orientation. Sexual orientation is correlated with the concept of homosexual, bisexual and heterosexual. Sexual orientation is thought to be caused by genetic differences, hormones, and brain structure. There are no behavioral disadvantages associated with homosexual female and male because they do as well as other people do in this world. Basically everybody born in the world have a creative potential. Common speculation holds that individuals with homosexual preference can be more creative than individuals with heterosexual preference. The aim of this research is to determine proportion of creative males in various sexual orientations in Bogor, West Java. This research used purposive sampling method which select respondents that is relevant to research aim. The subjects were 55 males that specifically sampled at community health center and 47 males respondents that randomly sampled at Bogor Agricultural University to match the specific sample. Sexual orientation was determined by methods of self-confession and Kinsey Categorization. Determination of the creativity used an Adjective Checklist (ACL) method. The result showed that proportion of creative homosexual was higher than percentages of creative individuals in bisexual and heterosexual cohorts.

Keywords: sexual orientation, homosexual, heterosexual, creativity, bogor.

ABSTRAK

ELLISA BETHANIA. Kreatifitas Laki-Laki pada Variasi Orientasi Seksual di Bogor Jawa Barat. Dibimbing oleh BAMBANG SURYOBROTO dan KANTHI ARUM WIDAYATI.

Checklist (ACL). Hasil penelitian ini menunjukkan bahwa kreativitas homoseksual lebih tinggi dibandingkan dengan persentase kreativitas individu biseksual dan heteroseksual.

Kata kunci: orientasi seksual, homoseksual, heteroseksual, kreativitas, bogor.
1. Diterima menggugat sebagian atau seluruh harta benda dalam besaran yang wajar;
2. Diterima menggugat sebagian atau seluruh harta benda dalam besaran yang wajar;
3. Diterima menggugat sebagian atau seluruh harta benda dalam besaran yang wajar.
CREATIVITY OF MALES IN VARIOUS SEXUAL ORIENTATION IN BOGOR WEST JAVA

ELLISA BETHANIA

An Undergraduate Thesis
Intended to Acquire Bachelor Degree
In Faculty of Mathematics and Natural Science

DEPARTEMEN OF BIOLOGY
FACULTY OF MATHEMATICS AND NATURAL SCIENCE
BOGOR AGRICULTURAL UNIVERSITY
BOGOR
2016
1. Dilarang mengubah posisi daun seluluhnya. Korup lulus dalam bentuk apapun turun izin IPB.
2. Penggilat tidak mengubah posisi daun yang wajar.

Hak Cipta Dilindungi Undang-Undang
Undergraduate Thesis Title: Creativity of Males in Various Sexual Orientation
In Bogor West Java
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Head of Biology Departement

Pass Date: 13 JUN 2016
FOREWORDS

Praises and gratitude to Jesus of Christ for the blessings and His mercy so I could finish this study. My research was conducted for a month on April 2014 in Bogor with the title is Creativity of Males in Various Sexual Orientation in Bogor West Java.

Biggest thank to Dr Bambang Suryobroto as my first Supervisor and Dr Kanthi Arum Widayati as my second Supervisor for all their advice and guidance. I also thanked to Dr. Ir. Iman Rusmana MSi for examination and suggestion. I am sending a special thank to my family, my lovely parents Yohanes and Lina, my grsnd mother Susana, my sister Febe for their love, support, and their prayers, my best friend Ratria and Genggong family. Thanks to my beloved friends Biology 47, Sarah Nila, Zoo Family, BSH Family for the support and togetherness. I also thanks to PUSKESMAS Kedung Badak Cimanggu Bogor, IPB studendts and subjects whom support this study.

I hope this research is useful for all the readers.

Bogor, Februari 2016

Ellisa Bethania
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INTRODUCTION

Background

Human sexuality has several components, one of these is sexual orientation (Samelius and Wagbreg 2005). Sexual orientation is correlated with the concept of homosexual, bisexual and heterosexual. Homosexual female and male (in the western world often referred to as lesbian female and gay male) have sexual orientation toward persons of the same sex. Heterosexual female and male (in the western world often referred to as straight persons) have sexual orientation towards person of the opposite sex. Bisexual female and male have a sexual orientation towards persons of the same as well as of the opposite sex. Heterosexuality, homosexuality and bisexuality are all regarded as sexual orientations (Samelius and Wagbreg 2005).

Sexual orientation is thought to be caused by genetic differences, hormones and brain structure. Genetic factors involved Xq28 which influences sexual orientation of male. The X chromosome was expected to come from mother’s side (LeVay 1991). Homosexual men are exposed to higher prenatal testosterone levels than heterosexuals that supposed to influence their sexual orientation (Robinson SJ and Manning JT 2000). There are three particular brain regions which have been correlated with homosexuality, that is the third interstitial nucleus of the anterior hypothalamus (INAH-3), the anterior commissure and the argine vasopressin neuronal population of the suprachiasmatic nucleus. INAH-3 is twice to thrice larger in heterosexual male than homosexual male (Allen and Gorski 1992).

There are no behavioral disadvantages associated with homosexual female and male because they do as well as other people do in this world. Nowadays homosexual males and females start to show their gender identity in their community. They work regardless of sexual orientation such as, actor, members of parliament, journalist.

Basically everybody born in the world have a creative potential. Creativity is a natural process that arises from an individual in response to something missing or incomplete (Noor et al 2013). Creativity is the highest requirement for human and one of the basic human needs that its called self actualization. In essence, creativity requires both originality and effectiveness of its application. Common speculation hold that individuals with homosexual preference can be more creative than individuals with heterosexual preference. We have no data about creativity of males in various sexual orientation.

Aim

The aim of this research is to determine proportion of creative males in various sexual orientations in Bogor, West Java.
MATERIALS AND METHODS

Time and Place

The research was held for a month on March 2014 in Bogor, West Java. Sampling was conducted in community health center (Puskesmas) Kedung Badak and campus of Bogor Agricultural University (IPB). Data was analyzed in Biosystematics and Ecology of Animals, Department of Biology, IPB, Bogor.

Sampling

The research used purposive sampling. Purposive sampling is a sampling method which select respondents that is relevant to research aim. Because we want to study homosexual individuals as much as possible, we sampled them at community health center and get 55 respondents. To match this purposive sample we take other sample randomly from IPB to get 47 respondents. The subjects of this research were 102 individuals.

Informed Consent

Participation is voluntarily and subjects signed an informed consent before taking the test. Before the signing, the researcher stated the purpose of the research, researcher’s contact address, and agreement form. Respondents were asked personal information such as name, sex, age (Appendix 1).

Determination of Sexual Orientation

Sexual orientation was determined by methods of self-confession and Kinsey categorization (Kinsey et al 1948). Using Kinsey method Respondents were asked some question about sexual relationship in their recent years. There are 0-6 scale to decide their desire of sexual relationship. 0 scale is completely heterosexual, 1 scale is predominantly heterosexual but occasionally (rarely) attracted to other men, 2 scale is Heterosexual but also attracted by men more than occasionally, 3 scale is completely bisexual, 4 scale is Homosexual but attracted by women more than occasionally, 5 scale is predominantly homosexual but occasionally (rarely) attracted to women, 6 scale is completely homosexual (Kinsey et al 1948). Furthermore, they are categorized as in Table 1.

<table>
<thead>
<tr>
<th>Kinsey Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Heterosexual Exclusive</td>
</tr>
<tr>
<td>1-2</td>
<td>Heterosexual Inclusive</td>
</tr>
<tr>
<td>3</td>
<td>Bisexual</td>
</tr>
<tr>
<td>4-5</td>
<td>Homosexual Inclusive</td>
</tr>
<tr>
<td>6</td>
<td>Homosexual Exclusive</td>
</tr>
</tbody>
</table>
Determination of Creativity

Determination of the creativity used an Adjective Check List (ACL) method (Gough 1979). Respondents were given a questionnaire containing 30 adjectives and were asked to checklist adjectives who describe themselves. There are 30 adjectives that consists of 18 positive items and 12 negative items in the ACL. In ACL scoring, 1 point was given each time one of 18 positive items is checked and -1 point was given each time one of 12 negative items is checked. The theoretical range of scores is -12 to +18. If respondents had scored ≤ 3 they are categorized as not creative, but otherwise creative (Gough 1979).

RESULTS

Sexual Orientation

In this purposive sample sexual orientation based on self-confessed and Kinsey Scale are shown in Table 2. Exclusive homosexual is male completely attracted to men without any attraction to women and inclusive homosexual rarely but do attracted to female. Table 2 shows that although respondents declared that they are homosexual, some of them attracted sexually to opposite sex. The same also holds true for heterosexual, as 9.6% of them sexually fantasize their own sex.

Table 2. Self-confessed sexual orientation and their kinsey characteristics.

<table>
<thead>
<tr>
<th>Kinsey</th>
<th>Self-confessed</th>
<th>Homosexual</th>
<th>Bisexual</th>
<th>Heterosexual</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Exclusive</td>
<td>Inclusive</td>
<td>Inclusive</td>
</tr>
<tr>
<td>Homosexual</td>
<td></td>
<td></td>
<td></td>
<td>4.3%</td>
</tr>
<tr>
<td>Bisexual</td>
<td></td>
<td>56.5%</td>
<td>39.1%</td>
<td>14.8%</td>
</tr>
<tr>
<td>Heterosexual</td>
<td></td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Creativity

ACL scores ranged -4 to +11. With >3 categorized as creative, proportion of creative individuals based on sexual orientation are shown in Table 3. The percentage of creative homosexual males was 52.6% and creative bisexual 35% while creative heterosexual males 34.1%. This result showed that proportion of creative homosexual was higher than percentages of creative individuals in bisexual and heterosexual cohorts.

Table 3. Percentage people with creativity based on sexual orientation

<table>
<thead>
<tr>
<th>Sexual Orientation</th>
<th>Creative</th>
<th>Not Creative</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homosexual Male</td>
<td>52.6%</td>
<td>47.4%</td>
<td>100%</td>
</tr>
<tr>
<td>Bisexual</td>
<td>35%</td>
<td>65%</td>
<td>100%</td>
</tr>
<tr>
<td>Heterosexual Male</td>
<td>34.1%</td>
<td>65.9%</td>
<td>100%</td>
</tr>
</tbody>
</table>
DISCUSSION

This result showed that 39.1% self-confessed homosexual do attracted to opposite sex and 9.6% self-confessed heterosexual do attracted to own sex. It means that some of self-confessed homosexuals attracted to opposite sex and self-confessed heterosexuals attracted to their own sex, shows that sexual orientation is a complex human behavior. The Kinsey method succeeded to uncover this phenomenon. This findings show the diversity of human sexuality. For homosexuals male this complex behavior provides a basis to conform social pressure, for instance, some homosexual marry a woman.

Common speculations hold that homosexual male can be more creative than heterosexual male. We found that more than half of self-confessed homosexuals has creative quality, compared to only one-third of bisexuals and heterosexuals, that are creative. Florida (2002) pointed that one indicator of creative city is the diversity which measure the area’s openness to different kinds of people and ideas. The city’s openness is indicated by Gay index. Our result directly support Florida’s hypothesis by showing that homosexual segments of community has more creative quality than others.

CONCLUSION

Percentage of creative homosexual male is higher than that of heterosexual and bisexual males.

REFERENCES

APPENDIX
2. Diriakan menguakuminihon dono memperbohongkak sebogakon acuq seliuluk koYa gaLu ibu di dolom bentuk opapun tampa izin IPB.
3. Penukakan loker merkugih pungkatan yang wulan IPB.
4. Penguakukan house ucutbuk repunngi pungkatan, penelujon, penukukan koYa Liung, penelujon koren, penelujon koren, penukukan pungkatan dono kerekunihon sumber.

Hak cipta dibidang Lindung-Lindung

Hak cipta milk IPB (Institut Pertanian Bogor)
Appendix 1 Informed consent

Fnum : 

KESEDIAAN MENGIKUTI PENELITIAN

Setelah diberi penjelasan mengenai penelitian yang berjudul “Creativity of Males in Various Sexual Orientation in Bogor West Java”, maka Saya :

Nama : 
Jenis Kelamin : 
Alamat : 

Menyatakan BERSEDIA dengan sukarela untuk ikut serta dalam penelitian ini. Saya mendapat jaminan dari peneliti utama, Ellisa Bethania (sabeth.tania@gmail.com/0812-9373-1482), bahwa identitas dan data yang saya berikan hanya akan digunakan untuk keperluan penelitian dan tidak akan dibagikan kepada pihak lain, siapapun, kapanpun, dan untuk kepentingan apapun. Saya juga mendapat jaminan bahwa saya bisa menarik diri dari penelitian ini kapan saja dan dengan demikian data saya tidak akan dipakai.

_________, __________________
Peneliti,       Subjek

Ellisa Bethania

Saksi

_________, __________________

Bogor Agricultural University

(C) Hak Cipta Dilindungi Undang-Undang

2. Dilengkapi dengan keterangan bahwa pembuatan karya ilmiah dilakukan dalam rangka penelitian. Pencetakan ulang atau rencana penulisan ulang karya ilmiah tersebut diizinkan kapan saja dan dengan demikian data saya tidak akan dipakai.

Saksi
Appendix 2 Kinsey Scale Categorization

1. Name: 
2. Sex: 
3. Address: 
4. Birthdate: / / 
5. Ethnie: 
6. Sexual Orientation: ☐ Heterosexual ☐ Homosexual ☐ Bisexual 
7. Are any of your family members homosexual? (Please be spesific). 
   ☐ Yes ☐ No 
8. Is your father is aware of your sexual orientation? ☐ Yes ☐ No 
9. Is your mother is aware of your sexual orientation? ☐ Yes ☐ No 
10. If, at a party, you were to desire a sexual relationship, which sex of partner would you choose? 
   ☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 
11. When you fantasize sexual intercourse, what is the sex of your partner? 
   ☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 
12. In the last year, what was the sex of your sexual partners? 
   ☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 
13. In the last five years of your life, what was the sex of your sexual partners? 
   ☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 
0 “Completely heterosexual”.
1 “Predominantly heterosexual but occasionally (rarely) attracted to other men”.
2 “Heterosexual but also attracted by men more than occasionally”.
3 “Completely bisexual, interested both in men and women”.
4 “Homosexual but also attracted by women more than occasionally”.
5 “Predominantly homosexual but occasionally (rarely) attracted to women”.
6 “Completely homosexual”.
16. Have you decided to be a homosexual?
Appendix 3 Creativity Determination

Ceklis (✓) semua sifat dibawah ini yang anda anggap mendeskripsikan diri anda.

<table>
<thead>
<tr>
<th>Sifat</th>
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<tbody>
<tr>
<td>Mampu</td>
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</tr>
<tr>
<td>Mudah terpengaruh</td>
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<tr>
<td>Pintar</td>
<td></td>
</tr>
<tr>
<td>Berhati-hati</td>
<td></td>
</tr>
<tr>
<td>Yakin</td>
<td></td>
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<tr>
<td>Egois</td>
<td></td>
</tr>
<tr>
<td>Lumrah</td>
<td></td>
</tr>
<tr>
<td>Suka bercanda</td>
<td></td>
</tr>
<tr>
<td>Tradisional</td>
<td></td>
</tr>
<tr>
<td>Tak bergantung ke orang lain</td>
<td></td>
</tr>
<tr>
<td>Biasa, menurut adat</td>
<td></td>
</tr>
<tr>
<td>Tidak resmi</td>
<td></td>
</tr>
<tr>
<td>Tidak berpuas diri</td>
<td></td>
</tr>
<tr>
<td>Berwawasan</td>
<td></td>
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<tr>
<td>Curiga</td>
<td></td>
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<tr>
<td>Jujur</td>
<td></td>
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<tr>
<td>Cerdas</td>
<td></td>
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<td>Sopan</td>
<td></td>
</tr>
<tr>
<td>Ketertarikan luas</td>
<td></td>
</tr>
<tr>
<td>Berdaya cipta</td>
<td></td>
</tr>
<tr>
<td>Asli, Tidak mencontoh</td>
<td></td>
</tr>
<tr>
<td>Berkeinginan sempit</td>
<td></td>
</tr>
<tr>
<td>Berpikir panjang</td>
<td></td>
</tr>
<tr>
<td>Tulus</td>
<td></td>
</tr>
<tr>
<td>Banyak akal</td>
<td></td>
</tr>
<tr>
<td>Percaya diri</td>
<td></td>
</tr>
<tr>
<td>Sexy</td>
<td></td>
</tr>
<tr>
<td>Patuh</td>
<td></td>
</tr>
<tr>
<td>Tinggi hati</td>
<td></td>
</tr>
<tr>
<td>Tidak biasa</td>
<td></td>
</tr>
</tbody>
</table>
### Appendix 4 Positive and Negative items on ACL

<table>
<thead>
<tr>
<th>Positive</th>
<th>Negative</th>
</tr>
</thead>
<tbody>
<tr>
<td>mampu</td>
<td>mudah terpengaruh</td>
</tr>
<tr>
<td>pintar</td>
<td>berhati-hati</td>
</tr>
<tr>
<td>yakin</td>
<td>lumrah</td>
</tr>
<tr>
<td>egois</td>
<td>tradisional</td>
</tr>
<tr>
<td>suka bercanda</td>
<td>biasa, menurut adat</td>
</tr>
<tr>
<td>tak-bergantung ke orang lain</td>
<td>tidak berpuas-diri</td>
</tr>
<tr>
<td>tidak resmi</td>
<td>jujur</td>
</tr>
<tr>
<td>berwawasan</td>
<td>ketertarikan sempit</td>
</tr>
<tr>
<td>cerdas</td>
<td>sopan</td>
</tr>
<tr>
<td>ketertarikan luas</td>
<td>tulus</td>
</tr>
<tr>
<td>berdaya cinta</td>
<td>patuh</td>
</tr>
<tr>
<td>asli, tidak mencontoh</td>
<td>curiga</td>
</tr>
<tr>
<td>berpikir panjang</td>
<td></td>
</tr>
<tr>
<td>banyak akal</td>
<td></td>
</tr>
<tr>
<td>percaya diri</td>
<td></td>
</tr>
<tr>
<td>seksi</td>
<td></td>
</tr>
<tr>
<td>tinggi hati</td>
<td></td>
</tr>
<tr>
<td>tidak biasa, diluar peraturan</td>
<td></td>
</tr>
</tbody>
</table>
CURRICULUM VITAE

Writer was born on December 15, 1992 in Jakarta as the first child of two from the parents Yohanes Roch Setiono and Lina Susanti. In 2010, writer graduated from SMAN 1 South Tambun and entered Department of Biology, Faculty of Mathematics and Natural Science, Bogor Agricultural University by PMDK.

In IPB, writer actived in PMK (Persekutuan Mahasiswa Kristen), also member in KPA (Komisi Pelayanan Anak) in 2012/213, leader of Dana Usaha in many event of PMK and KPA activity during two periods 2012/2013 and 2013/2014. Writer also actived in event of Natal IPB and also secretary as event in KPA.

In 2012, writer conducted the Field Study with the research title Keanekaragaman Pohon Pinang in Kebun Raya Cibodas and in 2013 writer conducted the Field Work on PT. Herlina Indah with the title Pengawasan Mutu dan Proses Produksi Soffel.