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Do men prefer women who are attracted to women? A cross-cultural evolutionary investigation

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Table 1

Participants' responses for the long-term partner scenario in the Chinese and British samples

<i>I would prefer as mate an individual who is attracted:</i>	<i>Chinese sample</i>						<i>British sample</i>					
	Men			Women			Men			Women		
	Total	Opp	Sam	Total	Opp	Sam	Total	Opp	Sam	Total	Opp	Sam
Only to members of the opposite-sex	86.5%	90.5%	26.9%	86.7%	94.4%	57.9%	55.5%	62.8%	29.2%	73.6%	87.3%	47.8%
Predominantly to members of the opposite-sex but occasionally to members of the same-sex	11.6%	7.9%	65.5%	11%	3.3%	40.4%	40.9%	33.7%	66.7%	18.6	8.7%	37.3%
To both sexes equally	1.2%	1.1%	3.8%	1.7%	1.9%	0.9%	0%	0%	0%	5.2%	3.2%	9%
Predominantly to members of the same-sex but occasionally to members of the opposite-sex	0.5%	0.3%	3.8%	0%	0%	0%	2.7%	3.5%	0%	2.1%	0.8%	4.5%
Only to members of the same-sex	0.2%	0.3%	0%	0.6%	0.5%	0.9%	0.9%	0%	4.2%	0.5%	0%	1.5%

<i>When I am in a relationship I desire that my partner has sexual contact with members of the same sex:</i>	<i>Chinese sample</i>						<i>British sample</i>					
	Men			Women			Men			Women		
	Total	Opp	Sam	Total	Opp	Sam	Total	Opp	Sam	Total	Opp	Sam
Never	81.5%	83.4%	53.8%	93.2%	94.4%	88.6%	81.1%	83.7%	72%	95.9%	98.4%	91%
Occasionally	14.8%	13.2%	38.5%	5.2%	4.4%	7.9%	18.9%	16.3%	28%	4.1%	1.6%	9%
Frequently	3.7%	3.4%	7.7%	1.7%	1.2%	3.5%	0%	0%	0%	0%	0%	0%

Note. The ‘Opp’ refers to participants who were exclusively attracted to the opposite sex, and the ‘Sam’ refers to participants who were heterosexuals but who experienced same-sex attractions.

Table 2

Participants' responses for the short-term partner scenario in the Chinese and British samples

<i>I would prefer as mate an individual who is attracted:</i>	<i>Chinese sample</i>						<i>British sample</i>					
	Men			Women			Men			Women		
	Total	Opp	Sam	Total	Opp	Sam	Total	Opp	Sam	Total	Opp	Sam
Only to members of the opposite-sex	78.6%	81.6%	34.6%	78.3%	88.1%	41.2%	36.6%	44.8%	8%	56.5%	77.8%	16.4%
Predominantly to members of the opposite-sex but occasionally to members of the same-sex	14.5%	12.9%	38.5%	15.3%	7.7%	43.9%	51.8%	46%	72%	25.9%	16.7%	43.3%
To both sexes equally	4.4%	3.4%	19.2%	4.4%	2.6%	11.4%	9.8%	8%	16%	16.1%	5.6%	35.8%
Predominantly to members of the same-sex but occasionally to members of the opposite-sex	1.5%	1.1%	7.7%	0.9%	0.7%	1.8%	1.8%	1.1%	4%	1.6%	0%	4.5%
Only to members of the same-sex	1%	1.1%	0%	1.1%	0.9%	1.8%	0%	0%	0%	0%	0%	0%

	<i>Chinese sample</i>						<i>British sample</i>					
	Men			Women			Men			Women		
<i>When I am in a relationship I desire that my partner has sexual contact with members of the same sex:</i>	Total	Opp	Sam	Total	Opp	Sam	Total	Opp	Sam	Total	Opp	Sam
Never	79.3%	80.5%	61.5%	91.9%	94.6%	81.6%	70.6%	74.1%	58.3%	89.1%	92.1%	83.3%
Occasionally	18.2%	17.4%	30.8%	7.9%	5.4%	17.5%	26.6%	22.4%	41.7%	10.4%	7.9%	15.2%
Frequently	2.5%	2.1%	7.7%	0.9%	0%	0.9%	2.8%	3.5%	0%	0.5%	0%	1.5%

Note. The ‘Opp’ refers to participants who were exclusively attracted to the opposite sex, and the ‘Sam’ refers to participants who were heterosexuals but who experienced same-sex attractions.

Table 3

The participants' responses on their sexual excitement in the scenario of their partners' infidelity with an individual of the same sex in the Chinese and British samples

Sample	<i>Men - Long-term partner</i>						<i>Women - Long-term partner</i>					
	Total		Opp		Sam		Total		Opp		Sam	
	3	4-5	3	4-5	3	4-5	3	4-5	3	4-5	3	4-5
Chinese	10.8%	20.2%	10%	20.2%	21.3%	19.2%	2.6%	9.7%	1.9%	8.7%	5.3%	14%
UK	18.8%	29.5%	17.2%	27.6%	20%	60%	4.1%	2.6%	1.6%	1.6%	9%	4.5%

Sample	<i>Men - Short-term partner</i>						<i>Women - Long-term partner</i>					
	Total		Opp		Sam		Total		Opp		Sam	
	3	4-5	3	4-5	3	4-5	3	4-5	3	4-5	3	4-5
Chinese	14%	24.6%	13.4%	25%	23.1%	34.6%	5.5%	9.8%	3.3%	9.1%	14%	12.2%
UK	23.2%	34%	23%	32.2%	24%	40%	6.2%	5.2%	4%	3.2%	10.4%	9%

Note. The 'Opp' refers to participants who were exclusively attracted to the opposite sex, and the 'Sam' refers to participants who were heterosexuals but who experienced same-sex attractions.

Table 4

Categories of preferences for same-sex attraction and contact across different samples

	<i>Chinese sample</i>		<i>British sample</i>		<i>Greek sample</i>	
	Men	Women	Men	Women	Men	Women
<i>Same-sex attraction in a partner</i>						
Same-sex attraction preferred in both short- and long-term partners	11.8%	11.2%	40.4%	23.3%	12.8%	2.4%
Same-sex attraction preferred only in long-term partners	2.2%	2%	3.7%	3.1%	1.4%	0.7%
Same-sex attraction preferred only in short-term partners	10.8%	11%	22.9%	20.2%	18.8%	3.1%
Same-sex attraction not preferred in any partner type	75.6%	75.7%	33%	53.4%	67%	93.8%
<i>Same sex contact</i>						
Same-sex contact preferred in both short- and long-term partners	12.3%	2.4%	17.4%	3.1%	14%	0.4%
Same-sex contact preferred only in long-term partners	5.9%	4.4%	0.9%	1%	1.9%	0.4%

Same-sex contact preferred only in short-term partners	8.4%	5.7%	11.9%	7.8%	19.9%	6.3%
Same-sex contact not preferred in any partner type	73.4%	87.5%	69.7%	88%	64.2%	93%

Note. For comparison purposes we have estimated the categories of preferences for the Greek-speaking sample in Apostolou et al. (2017) study.

Table 5

Significant effects for sex, sexual orientation and sample

<i>Survey questions</i>	<i>Sex</i>		<i>Sexual orientation</i>		<i>Sample</i>	
	Chi-squared	<i>p</i> -value	Chi-squared	<i>p</i> -value	Chi-squared	<i>p</i> -value
I would prefer as long-term mate an individual who is attracted:	110.11	<.001	200.19	<.001	40.92	<.001
I would prefer as short-term mate an individual who is attracted:	54.61	<.001	213.09	<.001	169.61	<.001
When I am in a relationship I desire that my long-term partner has sexual contact with members of the same sex:	124.53	<.001	25.53	<.001	<i>n.s.</i>	<i>n.s.</i>
When I am in a relationship I desire that my short-term partner has sexual contact with members of the same sex:	156.62	<.001	41.38	<.001	<i>n.s.</i>	<i>n.s.</i>