Supplementary Material

# Supplementary Tables

**Table S1.** Open-ended responses of self-reported nationalities for full sample of raters (*N*=536).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Nationality  | *n* | Nationality  | *n* | Nationality  | *n* |
| Cuban | 186 | Spanish | 2 | Israelian  | 1 |
| American | 106 | USA | 2 | Italian/French | 1 |
| Norwegian | 75 | Angolan | 1 | Italian/Dutch | 1 |
| East Asian | 72 | Armenia | 1 | Lithuanian | 1 |
| South Asian | 15 | British | 1 | North Asian | 1 |
| Middle Eastern | 14 | Canadian | 1 | Norwegian/ Swedish | 1 |
| White | 6 | Chinese | 1 | Somalian | 1 |
| Black | 5 | English | 1 | South American | 1 |
| Indian | 4 | Eritrea | 1 | South Korean | 1 |
| Polish | 4 | European | 1 | Sudan | 1 |
| Asian | 2 | Filipino | 1 | The former Yugoslav Republic of Macedonia | 1 |
| French | 2 | Finnish | 1 | Vietnamese | 1 |
| Italian | 2 | Icelandic | 1 | Unknown | 1 |

*Note: Nationalities are coded numerically in dataset.*

**Table S2.** Model 1 (full model with fixed and random effects): Linear mixed effects model testing for differences in assortative preferences for mate height as a function of a short-term versus long-term relationship context, nesting participants by country.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Women and Men | Women only | Men only |
| (Intercept) | -0.103  | 1.167 \*\*\* | -1.244 \*  |
|  | [-0.678, 0.472]  | [0.612, 1.722]  | [-2.318, -0.169]  |
| Own height (of rater, z-scored) | 1.892 \*\*\* | 2.461 \*\*\* | 1.453 \*\* |
|  | [1.304, 2.479]  | [1.700, 3.222]  | [0.519, 2.388]  |
| Sex (of rater)  | -2.374 \*\*\* |   |   |
|  | [-3.524, -1.224]  |   |   |
| Relationship context | 0.112  | 0.392  | -0.140  |
|  | [-0.462, 0.686]  | [-0.169, 0.953]  | [-1.249, 0.969]  |
| Own height \* Sex | -0.681  |   |   |
|  | [-1.856, 0.494]  |   |   |
| Own height \* Relationship context | 0.735 \*  | 0.381  | 1.076 \*  |
|  | [0.172, 1.299]  | [-0.265, 1.027]  | [0.114, 2.038]  |
| Sex \* Relationship context | -0.558  |   |   |
|  | [-1.707, 0.590]  |   |   |
| Own height \* Sex \* Relationship context | 0.690  |   |   |
|  | [-0.437, 1.816]  |   |   |
| nobs | 1008  | 633  | 375  |
| sigma | 2.158  | 2.285  | 3.121  |
| logLik | -2992.948  | -1828.534  | -1152.944  |
| AIC | 6021.895  | 3677.068  | 2325.887  |
| BIC | 6110.378  | 3721.573  | 2365.157  |
| deviance | 5985.895  | 3657.068  | 2305.887  |
| df.residual | 990.000  | 623.000  | 365.000  |
| p.value |   |   |   |
| r.squared |   |   |   |
| r.squared.fixed |   |   |   |
| group.nobs.ID\_NUMBER:Country | 514.000  | 323.000  | 191.000  |
| group.nobs.Age | 50.000  | 43.000  | 35.000  |
| Own height of rater is coded as “height\_z\_scored”; Sex of rater is coded as “Sex”; Relationship context has two levels: short-term, long-term; [Lower 95% CI, Upper 95% CI]; \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. |

**Table S3.** Model 1b (only male raters, inclusion/exclusion comparisons): Linear mixed effects model testing for differences in assortative preferences for mate height as a function of a short-term versus long-term relationship context, nesting participants by country.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Full Data (male raters only) | Excluding based on sexual orientation + age | Excluding based only on sexual orientation | Excluding based only on age |
| (Intercept) | -1.244 \* | -1.748 \*\* | -1.664 \*\* | -1.303 \* |
|  | [-2.318, -0.169] | [-2.834, -0.662] | [-2.695, -0.633] | [-2.437, -0.168] |
| Own height (of rater, z-scored) | 1.453 \*\* | 1.421 \*\* | 1.475 \*\* | 1.443 \*\* |
|  | [0.519, 2.388] | [0.449, 2.392] | [0.572, 2.377] | [0.425, 2.461] |
| Relationship context | -0.140 | -0.033 | -0.089 | -0.098 |
|  | [-1.249, 0.969] | [-1.264, 1.197] | [-1.246, 1.067] | [-1.264, 1.067] |
| Own height \* Relationship context | 1.076 \* | 1.121 \* | 1.016 \* | 1.166 \* |
|  | [0.114, 2.038] | [0.021, 2.220] | [0.018, 2.014] | [0.103, 2.229] |
| nobs | 375 | 308 | 347 | 336 |
| sigma | 3.121 | 2.965 | 3.219 | 3.558 |
| logLik | -1152.944 | -937.831 | -1052.312 | -1038.368 |
| AIC | 2325.887 | 1895.662 | 2124.624 | 2096.737 |
| BIC | 2365.157 | 1932.963 | 2163.117 | 2134.908 |
| deviance | 2305.887 | 1875.662 | 2104.624 | 2076.737 |
| df.residual | 365.000 | 298.000 | 337.000 | 326.000 |
| p.value |  |  |  |  |
| r.squared |  |  |  |  |
| r.squared.fixed |  |  |  |  |
| group.nobs.ID\_NUMBER:Country | 191.000 | 157.000 | 177.000 | 171.000 |
| group.nobs.Age | 35.000 | 23.000 | 35.000 | 23.000 |
| Own height of rater is coded as “height\_z\_scored”; Relationship context has two levels: short-term, long-term. Excluding based on sexual orientation refers to models that include only participants who self-reported as preferring the opposite-sex. Excluding based on age refers to models that include only participants aged 15 to 40, as this may be considered the most reproductively relevant phase of the human lifespan. [Lower 95% CI, Upper 95% CI]; \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. |

**Table S4.** Model 1c (only female raters, inclusion/exclusion comparisons): Linear mixed effects model testing for differences in assortative preferences for mate height as a function of a short-term versus long-term relationship context, nesting participants by country.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Full Data (male raters only) | Excluding based on sexual orientation + age | Excluding based only on sexual orientation | Excluding based only on age |
| (Intercept) | 1.167 \*\*\* | 1.629 \*\*\* | 1.478 \*\*\* | 1.284 \*\*\* |
|  | [0.612, 1.722]  | [1.053, 2.205]  | [0.944, 2.013]  | [0.708, 1.859]  |
| Own height (of rater, z-scored) | 2.461 \*\*\* | 2.340 \*\*\* | 2.304 \*\*\* | 2.331 \*\*\* |
|  | [1.700, 3.222]  | [1.648, 3.032]  | [1.634, 2.974]  | [1.577, 3.085]  |
| Relationship context | 0.392  | 0.417  | 0.481  | 0.353  |
|  | [-0.169, 0.953]  | [-0.154, 0.987]  | [-0.084, 1.046]  | [-0.214, 0.920]  |
| Own height \* Relationship context | 0.381  | 0.329  | 0.438  | 0.262  |
|  | [-0.265, 1.027]  | [-0.387, 1.045]  | [-0.227, 1.104]  | [-0.436, 0.960]  |
| nobs | 633  | 520  | 593  | 556  |
| sigma | 2.285  | 2.236  | 2.356  | 2.255  |
| logLik | -1828.534  | -1432.172  | -1655.517  | -1580.823  |
| AIC | 3677.068  | 2884.344  | 3331.034  | 3181.647  |
| BIC | 3721.573  | 2926.882  | 3374.886  | 3224.855  |
| deviance | 3657.068  | 2864.344  | 3311.034  | 3161.647  |
| df.residual | 623.000  | 510.000  | 583.000  | 546.000  |
| p.value |   |   |   |   |
| r.squared |   |   |   |   |
| r.squared.fixed |   |   |   |   |
| group.nobs.ID\_NUMBER:Country | 323.000  | 265.000  | 302.000  | 284.000  |
| group.nobs.Age | 43.000  | 23.000  | 42.000  | 24.000  |
| Own height of rater is coded as “height\_z\_scored”; Relationship context has two levels: short-term, long-term. Excluding based on sexual orientation refers to models that include only participants who self-reported as preferring the opposite-sex. Excluding based on age refers to models that include only participants aged 15 to 40, as this may be considered the most reproductively relevant phase of the human lifespan. [Lower 95% CI, Upper 95% CI]; \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. |

**Table S5.** Model 2 (full model with fixed and random effects): Linear mixed effects model testing for differences in assortative preferences for mate height as a function of a short-term versus long-term relationship context, nesting participants by self-reported nationality.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Women and Men | Women only | Men only |
| (Intercept) | -0.020  | 1.041 \*\*\* | -1.015  |
|  | [-0.571, 0.530]  | [0.498, 1.584]  | [-2.046, 0.015]  |
| Own height (of rater, z-scored) | 1.649 \*\*\* | 2.207 \*\*\* | 1.189 \* |
|  | [1.095, 2.202]  | [1.502, 2.912]  | [0.293, 2.086]  |
| Sex (of rater)  | -2.033 \*\*\* |   |   |
|  | [-3.133, -0.932]  |   |   |
| Relationship context | 0.111  | 0.386  | -0.138  |
|  | [-0.463, 0.685]  | [-0.176, 0.947]  | [-1.247, 0.970]  |
| Own height \* Sex | -0.815  |   |   |
|  | [-1.921, 0.291]  |   |   |
| Own height \* Relationship context | 0.743 \*  | 0.390  | 1.076 \* |
|  | [0.180, 1.305]  | [-0.256, 1.035]  | [0.115, 2.038]  |
| Sex \* Relationship context | -0.551  |   |   |
|  | [-1.699, 0.597]  |   |   |
| Own height \* Sex \* Relationship context | 0.675  |   |   |
|  | [-0.451, 1.800]  |   |   |
| nobs | 1008  | 633  | 375  |
| sigma | 2.541  | 2.178  | 2.942  |
| logLik | -2968.051  | -1812.667  | -1144.898  |
| AIC | 5972.102  | 3645.335  | 2309.795  |
| BIC | 6060.585  | 3689.839  | 2349.065  |
| deviance | 5936.102  | 3625.335  | 2289.795  |
| df.residual | 990.000  | 623.000  | 365.000  |
| p.value |   |   |   |
| r.squared |   |   |   |
| r.squared.fixed |   |   |   |
| group.nobs.ID\_NUMBER:Country | 514.000  | 323.000  | 191.000  |
| group.nobs.Age | 50.000  | 43.000  | 35.000  |
| Own height of rater is coded as “height\_z\_scored”; Sex of rater is coded as “Sex”; Relationship context has two levels: short-term, long-term; [Lower 95% CI, Upper 95% CI]; \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. |

**Table S6.** Model 2b (only male raters, inclusion/exclusion comparisons): Linear mixed effects model testing for differences in assortative preferences for mate height as a function of a short-term versus long-term relationship context, nesting participants by self-reported nationality..

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Full Data (male raters only) | Excluding based on sexual orientation + age | Excluding based only on sexual orientation | Excluding based only on age |
| (Intercept) | -1.015  | -1.408 \*\* | -1.355 \*\* | -1.047  |
|  | [-2.046, 0.015]  | [-2.456, -0.360]  | [-2.351, -0.360]  | [-2.133, 0.039]  |
| Own height (of rater, z-scored) | 1.189 \* | 1.142 \*  | 1.200 \*\* | 1.166 \* |
|  | [0.293, 2.086]  | [0.205, 2.079]  | [0.329, 2.070]  | [0.192, 2.141]  |
| Relationship context | -0.138  | -0.030  | -0.088  | -0.095  |
|  | [-1.247, 0.970]  | [-1.259, 1.200]  | [-1.244, 1.068]  | [-1.260, 1.070]  |
| Own height \* Relationship context | 1.076 \* | 1.120 \*  | 1.016 \*  | 1.165 \* |
|  | [0.115, 2.038]  | [0.021, 2.218]  | [0.019, 2.014]  | [0.103, 2.228]  |
| nobs | 375  | 308  | 347  | 336  |
| sigma | 2.942  | 2.820  | 2.599  | 2.867  |
| logLik | -1144.898  | -932.088  | -1046.034  | -1030.836  |
| AIC | 2309.795  | 1884.176  | 2112.068  | 2081.672  |
| BIC | 2349.065  | 1921.477  | 2150.561  | 2119.843  |
| deviance | 2289.795  | 1864.176  | 2092.068  | 2061.672  |
| df.residual | 365.000  | 298.000  | 337.000  | 326.000  |
| p.value |   |   |   |   |
| r.squared |   |   |   |   |
| r.squared.fixed |   |   |   |   |
| group.nobs.ID\_NUMBER:Country | 191.000  | 157.000  | 177.000  | 171.000  |
| group.nobs.Age | 35.000  | 23.000  | 35.000  | 23.000  |
| Own height of rater is coded as “height\_z\_scored”; Relationship context has two levels: short-term, long-term. Excluding based on sexual orientation refers to models that include only participants who self-reported as preferring the opposite-sex. Excluding based on age refers to models that include only participants aged 15 to 40, as this may be considered the most reproductively relevant phase of the human lifespan. [Lower 95% CI, Upper 95% CI]; \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. |

**Table S7.** Model 2c (only female raters, inclusion/exclusion comparisons): Linear mixed effects model testing for differences in assortative preferences for mate height as a function of a short-term versus long-term relationship context, nesting participants by self-reported nationality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Full Data (male raters only) | Excluding based on sexual orientation + age | Excluding based only on sexual orientation | Excluding based only on age |
| (Intercept) | 1.041 \*\*\* | 1.460 \*\*\* | 1.393 \*\*\* | 1.106 \*\*\* |
|  | [0.498, 1.584]  | [0.918, 2.002]  | [0.891, 1.895]  | [0.551, 1.661]  |
| Own height (of rater, z-scored) | 2.207 \*\*\* | 2.152 \*\*\* | 2.146 \*\*\* | 2.049 \*\*\* |
|  | [1.502, 2.912]  | [1.509, 2.795]  | [1.523, 2.770]  | [1.359, 2.739]  |
| Relationship context | 0.386  | 0.427  | 0.491  | 0.345  |
|  | [-0.176, 0.947]  | [-0.143, 0.998]  | [-0.074, 1.056]  | [-0.222, 0.913]  |
| Own height \* Relationship context | 0.390  | 0.364  | 0.467  | 0.277  |
|  | [-0.256, 1.035]  | [-0.352, 1.080]  | [-0.198, 1.133]  | [-0.421, 0.975]  |
| nobs | 633  | 520  | 593  | 556  |
| sigma | 2.178  | 2.066  | 2.222  | 1.818  |
| logLik | -1812.667  | -1422.734  | -1643.867  | -1565.247  |
| AIC | 3645.335  | 2865.468  | 3307.734  | 3150.495  |
| BIC | 3689.839  | 2908.007  | 3351.586  | 3193.702  |
| deviance | 3625.335  | 2845.468  | 3287.734  | 3130.495  |
| df.residual | 623.000  | 510.000  | 583.000  | 546.000  |
| p.value |   |   |   |   |
| r.squared |   |   |   |   |
| r.squared.fixed |   |   |   |   |
| group.nobs.ID\_NUMBER:Country | 323.000  | 265.000  | 302.000  | 284.000  |
| group.nobs.Age | 43.000  | 23.000  | 42.000  | 24.000  |
| Own height of rater is coded as “height\_z\_scored”; Relationship context has two levels: short-term, long-term. Excluding based on sexual orientation refers to models that include only participants who self-reported as preferring the opposite-sex. Excluding based on age refers to models that include only participants aged 15 to 40, as this may be considered the most reproductively relevant phase of the human lifespan. [Lower 95% CI, Upper 95% CI]; \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. |