**S1** *Sex by type-of-misperception ANOVAs conducted separately for each context.*

**S1.1** *Sex by type-of-misperception ANOVAs with with lifetime experience as dependent variables.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Sexual context* | df1 | df2 | *F* | partial 2 | 95%CI | Cohen's *f* | *p* |
| sex | 1 | 328 | 0.006 | .000 | .000, .005 | 0.004 | .939 |
| misperception | 1 | 328 | 1.842 | .006 | - | 0.075 | .176 |
| **sex\*misperception** | **1** | **328** | **6.713** | **.020** | **-** | **0.143** | **.010** |
| *Romantic context* | df1 | df2 | *F* | partial 2 | 95%CI | Cohen’s *f* | *p* |
| sex | 1 | 328 | 0.101 | .000 | .000, .014 | 0.018 | .751 |
| misperception | 1 | 328 | 5.707 | .017 | - | 0.132 | .017 |
| **sex\*misperception** | **1** | **328** | **3.453** | **.010** | **-** | **0.103** | **.064** |

*Note.* ANOVAs were conducted separately for each context. Predicted interactions are indicated by bold fonts.

**S1.2** *Sex by type-of-misperception ANOVAs with with last year’s frequency as dependent variables.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Sexual context* | df1 | df2 | *F* | partial 2 | 95%CI | Cohen’s *f* | *p* |
| sex | 1 | 328 | 0.597 | .002 | .000, .022 | 0.043 | .440 |
| misperception | 1 | 328 | 9.437 | .028 | - | 0.170 | .002 |
| **sex\*misperception** | **1** | **328** | **5.849** | **.018** | **-** | **0.134** | **.016** |
| *Romantic context* | df1 | df2 | *F* | partial 2 | 95%CI | Cohen’s *f* | *p* |
| sex | 1 | 328 | 0.848 | .003 | .000, .025 | 0.051 | .358 |
| misperception | 1 | 328 | 4.476 | .013 | - | 0.117 | .035 |
| **sex\*misperception** | **1** | **328** | **2.996** | **.009** | **-** | **0.096** | **.084** |

*Note.* ANOVAs were conducted separately for each context. Predicted interactions are indicated by bold fonts.

**S2.** *Simple main effects of type-of-misperception in six ANOVAs.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Male |  |  |  |  |  |  |  |
| Dep. var. | Context | df1 | df2 | *F* | ηp2 | Cohen’s *f* | *p* |
| Experience | Sexual | 1 | 328 | 0.761 | .005 | .068 | .384 |
|  | Romantic | 1 | 328 | 0.141 | .001 | .029 | .708 |
|  | Sexual & Romantic | 1 | 328 | 0.114 | .001 | .026 | .736 |
| Frequency | Sexual | 1 | 328 | 0.214 | .001 | .036 | .644 |
|  | Romantic | 1 | 328 | 0.074 | .000 | .021 | .786 |
|  | Sexual & Romantic | 1 | 328 | 0.201 | .001 | .035 | .654 |
| Female |  |  |  |  |  |  |  |
| Dep. var. | Context | df1 | df2 | *F* | ηp2 | Cohen’s *f* | *p* |
| **Experience** | **Sexual** | **1** | **328** | **7.794** | **.045** | **.218** | **.006** |
|  | **Romantic** | **1** | **328** | **9.019** | **.052** | **.235** | **.003** |
|  | **Sexual & Romantic** | **1** | **328** | **12.987** | **.073** | **.281** | **.000** |
| **Frequency** | **Sexual** | **1** | **328** | **15.072** | **.084** | **.303** | **.000** |
|  | **Romantic** | **1** | **328** | **7.399** | **.043** | **.212** | **.007** |
|  | **Sexual & Romantic** | **1** | **328** | **16.015** | **.089** | **.312** | **.000** |

Note. “Dev. var.” stands for Dependent variables. Predicted effects were indicated by bold fonts.

**S3.** *Table for Analysis of Covariances.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Variables | df1 | df2 | *F* | ηp2 | 95%CI | Cohen's f | *p* |
| sex | 1 | 323 | 2.141 | .007 | .000, .034 | 0.081 | .144 |
| context | 1 | 328 | 0.507 | .002 | - | 0.039 | .477 |
| misperception | 1 | 323 | 9.808 | .029 | - | 0.174 | .002 |
| misperception\*context | 1 | 328 | 1.549 | .005 | - | 0.069 | .214 |
| **sex\*misperception** | **1** | **323** | **5.280** | **.016** | **-** | **0.128** | **.022** |
| sex\*context | 1 | 328 | 0.408 | .001 | - | 0.035 | .523 |
| sex\*misperception\*context | 1 | 328 | 0.857 | .003 | - | 0.051 | .355 |
| age | 1 | 323 | 0.997 | .003 | .000, .026 | 0.056 | .319 |
| Student | 1 | 323 | 0.045 | .000 | .000, .012 | 0.012 | .833 |
| Physical | 1 | 323 | 0.491 | .002 | .000, .021 | 0.039 | .484 |
| Status | 1 | 323 | 7.249 | .022 | .002, .062 | 0.150 | .007 |
| Vegetarian | 1 | 323 | 2.301 | .007 | .000, .035 | 0.084 | .130 |
| age\*misperception | 1 | 323 | 0.042 | .000 | - | 0.011 | .838 |
| Student\*misperception | 1 | 323 | 0.056 | .000 | - | 0.013 | .814 |
| Physical\*misperception | 1 | 323 | 0.766 | .002 | - | 0.049 | .382 |
| Status\*misperception | 1 | 323 | 0.641 | .002 | - | 0.045 | .424 |
| Vegetarian\*misperception | 1 | 323 | 0.833 | .003 | - | 0.051 | .362 |

*Note.* Physical/Status stand for Physical/Status-mate-value score accordingly. Predicted interaction term is indicated by bold fonts.