**Supplementary Table 4.** Multiple linear regression analyses testing the association between demographic factors and individual coefficients for relationship of artwork energy and color radiance components with value ratings.

|  |  |  |
| --- | --- | --- |
| **Energy coefficient** | **OR (95% CI)** | ***P*-value** |
| Intercept | 0.90 (0.11-7.55) | 0.9 |
| Age (years) | 1.00 (0.96-1.03) | 0.9 |
| Education | 1.01 (0.58-1.74) | 0.9 |
| BDI-II | 1.04 (0.95-1.15) | 0.4 |
| **Color radiance coefficient** |  |  |
| Intercept | 1.98 (0.26-15.37) | 0.5 |
| Age (years) | 0.99 (0.96-1.03) | 0.8 |
| Education | 0.86 (0.50-1.46) | 0.5 |
| BDI-II | 0.95 (0.86-1.05) | 0.3 |

Energy component coefficient: model adjusted R2=-0.08. F-test against constant model: *F 3,2*3 = 0.36, *P* = 0.8. Color radiance component coefficients, model adjusted R2=-0.01. F-test against constant model: *F 3,2*2 = 0.96, *P* = 0.4. Education was treated as an ordinal variable (high school or less, undergraduate and graduate level).