S1 Table. Correlations between expressions of happiness and sadness, and psychopathology within the AN, BN, and REC groups

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| Film clip | Group | Emotion | EDEQ Global | Anxiety | Depression | BMI |
| Film 1 | AN | Happiness | ρ = -0.05, p = 1.000 | ρ = -0.03, p = 1.000 | ρ = -0.08, p = 1.000 | ρ = -0.08, p = 1.000 |
| Sadness | ρ = 0.03, p = 1.000  | ρ = -0.06, p = 1.000 | ρ = 0.13, p = 1.000 | ρ = -0.17, p = 1.000 |
| BN | Happiness | ρ = 0.22, p = 1.000 | ρ = 0.07, p = 1.000 | ρ = -0.11, p = 1.000 | ρ = -0.23, p = 1.000 |
| Sadness | ρ = -0.09, p = 1.000 | ρ = 0.22, p = 1.000 | ρ = -0.05, p = 1.000 | ρ = 0.42, p 0.840 |
| REC | Happiness | ρ = -0.22, p = 1.000 | ρ = 0.23, p = 1.000 | ρ = -0.17, p = 1.000 | ρ = -0.12, p = 1.000 |
| Sadness | ρ = 0.34, p = 1.000 | ρ = -0.25, p = 1.000 | ρ = 0.28, p = 1.000 | ρ = 0.20, p = 1.000 |
| Film 2 | AN | Happiness | ρ = 0.07, p = 1.000 | ρ = -0.09, p = 1.000 | ρ = 0.07, p = 1.000 | ρ = -0.24, p = 1.000 |
| Sadness | ρ = 0.05, p = 1.000 | ρ = -0.11, p = 1.000 | ρ = 0.14, p = 1.000 | ρ = 0.002, p = 1.000 |
| BN | Happiness | ρ = 0.14, p = 1.000 | ρ = 0.17, p = 1.000 | ρ = -0.04, p = 1.000 | ρ = 0.09, p = 1.000 |
| Sadness | ρ = -0.21, p = 1.000 | ρ = 0.11, p = 1.000 | ρ = -0.11, p = 1.000 | ρ = -0.03, p = 1.000 |
| REC | Happiness | ρ = -0.28, p = 1.000 | ρ = -0.19, p = 1.000 | ρ = -0.20, p = 1.000 | ρ = 0.05, p = 1.000 |
| Sadness | ρ = 0.25, p = 1.000 | ρ = -0.01, p = 1.000 | ρ = -0.08, p = 1.000 | ρ = 0.03, p = 1.000 |

AN = anorexia nervosa; BN = bulimia nervosa; REC = recovered from anorexia nervosa; EDEQ = Eating Disorder Examination Questionnaire; Film 1 = humorous film clip; Film 2 = sad film clip