###### **Supplementary Table 4.** Partial correlations between outcome variables controlling for age and cognitive status.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Outcome Variable | 1 | 2 | 3 | 4 |
|  | 1. Facial Expression |  | **.35\*** | .14 | -.06 |
| 2. Emotion Recognition |  |  | .11 | –.08 |
| 3. Positive affect |  |  |  | –.11 |
| 4. Negative affect |  |  |  |  |

***Note.*** The table shows partial correlations (controlling for age and cognitive status) between the outcome variables at pre-test over all PD patients included in the study (*N* = 34). Facial expression: mean facial muscle amplitude in mV during the facial expression task. Emotion recognition: percentage of correct answers over all six emotions [Range 0-100]. Positive affect: mean score in the positive affect scale of the PANAS [Range 10-50]. Negative affect: mean score in the negative affect scale of the PANAS [Range 10-50].\* p < .05.