*Suppl Table 2 illustrates the outcomes relatively to the variance in the random intercepts and in the slopes and the covariance between the intercepts and the slope, when the gender effect was controlled for. Findings are reported for each psychological (i.e., PWBQ total, CES-D and CFQ) and motor (i.e., gait speed, stride length, and cadence) condition.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Measure | Random Component | Variance/covariance | df | χ2 | p |
| PWBQ  CES-D  CFQ  Gait speed (m s-1)  Stride Length (m)  Cadence (steps min-1) | Intercept  Slope  Intercept\*Slope  Intercept  Slope  Intercept\*Slope  Intercept  Slope  Intercept\*Slope  Intercept  Slope  Intercept\*Slope  Intercept  Slope  Intercept\*Slope  Intercept  Slope  Intercept\*Slope | Var(u0j) = 164.27  Var(u1j) = 116.75  Cov(u0j,u1j) = − .474  Var(u0j) = 91.89  Var(u1j) = 99.30  Cov(u0j,u1j) = − .451  Var(u0j) = 183.11  Var(u1j) = 137.92  Cov(u0j,u1j) = −.45  Var(u0j) = .04  Var(u1j) = .05  Cov(u0j,u1j) = −.47  Var(u0j) = .04  Var(u1j) = .001  Cov(u0j,u1j) = .07  Var(u0j) = 92.9  Var(u1j) = 372.56  Cov(u0j,u1j) = − .02 | 1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1 | 27.08  0  .228  15.87  .36  0  31.06  0  .02  13.02  .01  0  -151.72  - .76  -.001  2.53  17.80  - .16 | < .01  > .05  > .05  < .01  > .05  > .05  < .01  > .05  > .05  < .01  > .05  > .05  < .01  > .05  > .05  < .01  < .01  > .05 |