| **Performance Measure** | **Type III SSq explained by Diagnosis** | **df** | **F-Value** | **p-Value** | **Partial Omega Squared** | **Corrections** | **adj. p-Value** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Number-Letter: Repeat |  | 1, 173 | 1.07 | 0.303 | 0.000 | correction for heteroscedasticity | 0.504 |
| Number-Letter: Switch | 36.77 | 1, 172 | 6.79 | 0.010 | 0.031 | interaction term Gruppe:Alteradded | 0.050 |
| Number-Letter: Switch - Repeat | 0.40 | 1, 173 | 0.24 | 0.625 | -0.004 | no correction | 0.695 |
| Stroop: Congruent | 2.97 | 1, 172 | 1.08 | 0.300 | 0.000 | no correction | 0.504 |
| Stroop: Incongruent | 1.02 | 1, 172 | 0.39 | 0.534 | -0.003 | no correction | 0.668 |
| Stroop: Incongruent - Congruent |  | 1, 172 | 0.57 | 0.452 | -0.002 | correction for heteroscedasticity | 0.645 |
| 2-Back: Foil | 5.86 | 1, 169 | 2.29 | 0.132 | 0.007 | no correction | 0.330 |
| 2-Back: Target | 43.77 | 1, 168 | 7.79 | 0.006 | 0.036 | interaction term Gruppe:Geschlechtadded | 0.050 |
| 2-Back: Total | 7.89 | 1, 169 | 3.06 | 0.082 | 0.011 | no correction | 0.273 |
| Stop-Signal RT |  | 1, 168 | 0.01 | 0.937 | -0.006 | correction for heteroscedasticity | 0.937 |