**Table 2 Executive Function - Intra / Extra Dimensional Shift (IED)** – Compared with controls patients are slower and make more errors. Unaffected homozygotes and heterozygotes are impaired to a lesser degree.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IED | **Total Errors****Adjusted** | **Stages Completed** | **Pre-ED Errors** | **Total Latency** |
| **Controls** | Mean 12.60SD 4.86 | 9.00 0.00 | 5.23 2.11 | 110287.93 153431.05 |
| **Family unaffected Heterozygotes** | Mean 39.5SD 25.03ES 1.79 | 81.151.73 | 6.251.250.60 | 141343.7540754.221.29 |
| **Family****Unaffected HZ siblings** | Mean 27.71SD 19.66ES 1.23  | 8.430.971.17 | 7.04.50.53 | 151860.0042056.120.42 |
| **Patients** | Mean 122.00SD 95.53ES 2.17 | 4.754.032.12 | 23.5021.941.51 | 212868.2566316.340.93 |

 SD = Standard Deviation ES = Effect Size