**SUPPLEMENTARY** **TABLES**

*Supplementary Table 1.**The number of samples in each of the neurological and neuropsychological scores and molecular analyses conducted in this study.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables:** | **Subject groups:** | | | | |
| **(PM+GZ)/PDS** | **NS/PDS1** | **NS/PDS2\*** | **HC\*** | **Total** |
| **N** | 14 | 24 | 20 | 16 | 74 |
| **UPDRS** | 14 | 24 | - | - | 38 |
| **Catsys (TI, RT)** | 13 | 20 | - | - | 33 |
| **ACE-R; MMSE; SMDT** | 13 | 23 | - | - | 36 |
| **CGG** | 14 | 24 | 20 | 16 | 74 |
| **FMR1** | 12 | 4 | 10 | 16 | 41 |
| **ASFMR1** | 11 | 4 | 10 | 12 | 37 |
| **CYC1** | 12 | 4 | 13 | 16 | 45 |
| **mtDNA** | 9 | 4 | 13 | 12 | 38 |

\* Data only used in Figure 2.