Supplementary Table 1. Results of regression of Parkinson's disease presence (PD) and age on ccf mtDNA levels.

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| --- | --- | --- | --- | --- |
| Residuals | | | | |
| Min | 1Q | Median | 3Q | Max |
| -382.1 | -155 | -21.1 | 102.4 | 636.5 |
| Coefficients | | | | |
|  | Estimate | SE | t | p-value |
| Intercept | 415.396 | 249.335 | 1.666 | 0.1032 |
| PD | 231.872 | 121.552 | 1.908 | 0.0633 |
| Age | 1.424 | 3.931 | 0.362 | 0.719 |
| Residual standard error: 253.2 on 42 degrees of freedom | | | | |
| Multiple R-squared 0.2088, Adjusted R-square 0.1711 | | | | |
| F-statistic 5.542 on 2 and 42 DF, p-value 0.007309 | | | | |

Supplementary Table 2. Results of regression of Parkinson's disease presence (PD) and age on nu mtDNA levels.

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| --- | --- | --- | --- | --- |
| Residuals | | | | |
| Min | 1Q | Median | 3Q | Max |
| -27.78 | -9.297 | -3.130 | 6.833 | 60.666 |
| Coefficients | | | | |
|  | Estimate | SE | t | p-value |
| Intercept | 19.7135 | 16.4209 | 1.201 | 0.237 |
| PD | 7.7661 | 8.0053 | -0.970 | 0.338 |
| Age | 0.1257 | 0.2589 | 0.486 | 0.630 |
| Residual standard error : 16.68 on 42 degrees of freedom | | | | |
| Multiple R-squared 0.09379, Adjusted R-square 0.05063 | | | | |
| F-statistic 2.173 on 2 and 42 DF, p-value 0.1264 | | | | |