

## AUTHOR CORRECTION OPEN



# Author Correction: Accurate long-read sequencing identified *GBA1* as major risk factor in the Luxembourgish Parkinson's study

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Correction to: *npj Parkinson's Disease* <https://doi.org/10.1038/s41531-023-00595-w>, published online 23 November 2023

In this article the wrong Table appeared as Table 3.; the Table should have appeared as shown below. The original article has been corrected.

The following text that describes data from the previous version of Table 3 has also been removed: "Compared to severe ( $6.4 \pm 4.7$ ) and risk ( $4.4 \pm 4.9$ ) variant carriers, the mild ( $1.7 \pm 1.4$ ) variant carriers show a significantly shorter disease duration (Table 3)."

Features	All patho- genic var- iants (n = 67)	Severe (n = 21)	Mild (n = 7)	Risk (n = 39)	Non car- riers (n = 554)
AAA, mean (SD)	66.5 ( $\pm 10.2$ ) [OR = 0.31; <i>p</i> = 0.3977]	65.1 ( $\pm 10.2$ ) [OR = 0.08; <i>p</i> = 0.292]	67.1 ( $\pm 15.6$ ) [OR = 0.59; <i>p</i> = 0.8959]	67.1 ( $\pm 9.2$ ) [OR = 0.57; <i>p</i> = 0.7512]	67.6 ( $\pm 10.7$ )
Sex, Male (%)	40 (59.7%) [OR = 0.71; <i>p</i> = 0.1912]	13 (61.9%) [OR = 0.78; <i>p</i> = 0.5795]	5 (71.4%) [OR = 1.19; <i>p</i> = 0.8336]	22 (56.4%) [OR = 0.62; <i>p</i> = 0.151]	375 (67.7%)
AAO, mean (SD)	61.6 ( $\pm 11.5$ ) [OR = 0.35; <i>p</i> = 0.484]	58.6 ( $\pm 13.1$ ) [OR = 0.02; <i>p</i> = 0.1158]	65.4 ( $\pm 17.0$ ) [OR = 16.16; <i>p</i> = 0.5308]	62.5 ( $\pm 9.3$ ) [OR = 0.9; <i>p</i> = 0.9548]	62.6 ( $\pm 11.6$ )

Features	All patho- genic var- iants (n = 67)	Severe (n = 21)	Mild (n = 7)	Risk (n = 39)	Non car- riers (n = 554)
AAO < 45, N (%)	8 (11.9%) [OR = 1.74; <i>p</i> = 0.1767]	<b>5 (23.8%)</b> [OR = 4.02; <b><i>p</i> = 0.0098*</b> ]	2 (28.6%) [OR = 5.14; <i>p</i> = 0.0549]	1 (2.6%) [OR = 0.34; <i>p</i> = 0.2907]	40 (7.2%)
Disease Duration, mean (SD)	4.7 ( $\pm 4.8$ ) [OR = 0.79; <i>p</i> = 0.7303]	6.4 ( $\pm 4.7$ ) [OR = 4.07; <i>p</i> = 0.2238]	1.7 ( $\pm 1.4$ ) [OR = 0.04; <i>p</i> = 0.0981]	4.4 ( $\pm 4.9$ ) [OR = 0.57; <i>p</i> = 0.5103]	5.0 ( $\pm 5.2$ )
Family His- tory, N (%)	<b>25 (37.3%)</b> [OR = 1.74; <b><i>p</i> = 0.0401*</b> ]	8 (38.1%) [OR = 1.8; <i>p</i> = 0.2001]	2 (28.6%) [OR = 1.17; <i>p</i> = 0.8508]	15 (38.5%) [OR = 1.83; <i>p</i> = 0.0782]	141 (25.5%)

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