



Correction: Can Plasma α -Synuclein Help Us to Differentiate Parkinson's Disease from Essential Tremor?

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CORRECTION

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ABSTRACT

This article details a correction to: Albillos SM, Montero O, Calvo S, Solano B, Trejo JM, Cubo E. Can Plasma α -Synuclein Help Us to Differentiate Parkinson's Disease from Essential Tremor? Tremor and Other Hyperkinetic Movements. 2021; 11(1): 20, pp. 1–8. DOI: <https://doi.org/10.5334/tohm.600>

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KEYWORDS:

Parkinson's disease; Essential tremor; alpha-synuclein; plasma biomarker; diagnosis

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CORRECTION

In **Table 1** of Albillos et al. [1] there is no Off-State N = 33 value of NMSS total score and of PDCRS total score.

In **Table 2**, the values of α -Synuclein are quoted in ng/ml. The label of the first cell of the last row is 'Pairwise comparisons' and should read (1) vs. (5), (2) vs. (4), and (3) vs. (5) (second cell), (1) vs. (2) and (1) vs. (3) (third cell) and (1) vs. (2), (1) vs. (4), and (3) vs. (4) (fifth cell).

The correct tables are included here.

This information was not included correctly in the final versions sent by the authors.

COMPETING INTERESTS

The authors have no competing interests to declare.

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	NOVO-PD N = 19	PD N = 35		ET N = 19	CONTROLS N = 35	P-VALUE
		ON-STATE	OFF-STATE			
Males (%)	13 (68)	24 (69)	22 (67)	12 (63)	11 (31)	0.01
Age (years) ^a	66.9 (8.8)	64.5 (9.1)	64.1 (9.0)	70.8 (6.7)	61.4 (7.3)	0.002
Disease duration (years)	1 (0.6; 3)	10 (2; 25)	-	7 (1; 29)	-	-
UPDRS-III score	20 (8; 41)	24 (5; 49)	35 (12; 70)	-	-	0.01
NMSS total score	42 (24; 86)	69 (12; 119)	-	-	-	0.08
PDCRS total score	74 (58; 112)	80 (43; 109)	-	-	-	0.91

Table 1 Comparison of participant's characteristics.

Values are expressed in medians (interquartile range) otherwise specified ^a = mean (Standard deviation). Parkinson's disease (PD) (total sample = 35) measured in the ON state (ON-PD) (n = 35) and OFF state (OFF-PF), (n = 33); ET = Essential Tremor; UPDRS = Unified Parkinson's disease Rating Scale; NMSS = Non motor symptoms severity score; PDCRS = Parkinson's disease cognitive rating scale. Data were compared using the ANOVA test.

GROUPS	α -SYNUCLEIN (ng/ml) MEAN \pm SD		P-VALUE	α -SYNUCLEIN (ng/ml) MEAN \pm SD		P-VALUE
	MEN (n)	WOMEN (n)		<66 YEARS OLD (n)	\geq 66 YEARS OLD (n)	
CONTROL ₍₁₎	158.40 \pm 102.95 (11)	177.12 \pm 86.53 (24)	0.57	174.81 \pm 94.85 (25)	162.32 \pm 84.18 (10)	0.71
ON-PD ₍₂₎	112.30 \pm 56.63 (23)	111.08 \pm 40.45 (10)	0.95	125.76 \pm 56.77 (17)	97.24 \pm 42.45 (16)	0.11
OFF-PD ₍₃₎	128.64 \pm 46.37 (21)	127.26 \pm 29.16 (10)	0.92	137.40 \pm 43.43 (16)	118.37 \pm 37.40 (15)	0.20
NOVO-PD ₍₄₎	91.92 \pm 35.28 (13)	131.25 \pm 50.01 (6)	0.06	90.21 \pm 26.38 (7)	112.58 \pm 49.91 (12)	0.21
ET ₍₅₎	79.74 \pm 32.11 (12)	143.73 \pm 71.89 (6)	0.08	54.33 \pm 1.95 (2)	106.92 \pm 56.94 (16)	
Pairwise comparisons	(1) vs. (5) (2) vs. (4) (3) vs. (5)	(1) vs. (2) (1) vs. (3)	<0.05*	(1) vs. (2) (1) vs. (4) (3) vs. (4)	n.s	<0.05*

Table 2 Plasma α -synuclein quantitation (ng/ml) stratified by age and gender.

SD = Standard deviation. Age was stratified based on the median distribution of the total sample. * Pairwise intra-group comparisons as indicated in each column; n.s = not significant.

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REFERENCE

1. **Albillos SM, Montero O, Calvo S, Solano B, Trejo JM, Cubo E.** Can Plasma α -Synuclein Help Us to Differentiate Parkinson's Disease from Essential Tremor? *Tremor and Other Hyperkinetic Movements*. 2021; 11(1): 20, pp. 1–8. DOI: <https://doi.org/10.5334/tohm.600>

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