

Supplementary material

Supplementary table 1

Formulas for the reliability and agreement parameters

		rater 2	
		FOG	no FOG
rater 1	FOG	a	b
	no FOG	c	d

$$n = a + b + c + d \quad (1)$$

Where a and d are respectively defined as the total duration of overlapping areas that are definitely considered as freezing (a , black areas), or no freezing (d , white areas); b and c are defined as the total duration of non-overlapping FOG episodes (grey areas); and n is defined as the total duration of gait tasks considered for FOG assessment.

Interrater reliability (15, 16)

Different formulas exist, depending on the context, see (18) or (20).

Cohen's kappa (14)

$$\kappa = \frac{p_o - p_c}{1 - p_c} \quad (2)$$

Where κ is the Cohen's kappa, p_o the proportion of observed agreement, and p_c the proportion of agreement expected by chance. p_o and p_c are respectively defined as:

$$p_o = \frac{(a + d)}{n} \quad (3)$$

$$p_c = \frac{\frac{(a + c)(a + b)}{n} + \frac{(b + d)(c + d)}{n}}{n} \quad (4)$$

Positive agreement (15)

$$positive\ agreement = \frac{2a}{n + (a - d)} \quad (5)$$

Negative agreement (15)

$$\text{negative agreement} = \frac{2d}{n - (a - d)} \quad (6)$$

Prevalence index (14)

$$\text{prevalence index} = \frac{a - d}{n} \quad (7)$$

REFERENCES

The reference numbers of the main text were used.

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