

**S1 Table. Summary of movement type classification and movement onset detection results using SMF.**

Subject	Classification	Detection of movement onset		
	of movement type	Accuracy (%)	Sensitivity (%)	Specificity (%)
1	86.3**	89.0	91.3	< 0.001
2	90.0**	97.4	96.3	< 0.001
3	82.5**	84.6	81.3	< 0.001
4	58.8	75.0	75.0	< 0.001
5	63.8**	82.1	83.8	< 0.001
6	68.8**	80.9	85.0	< 0.001

\*\**p* < 0.01 as compared to chance (50%); *p*-value: *p*-value of one-sided Fisher's exact test.