

S2 Table. MNI-coordinates and statistical values for gray matter.

Dance>Sport	region	t-value	z-value	p (uncorr.)	x (mm)	y (mm)	z (mm)
	IGTS	4.53	3.97	0.000***	-57	-39	15
	Insula	4.50	3.95	0.000***	-39	23	3
	IGPre	4.32	3.82	0.000***	-50	-13	12
	MCC	4.26	3.78	0.000***	0	12	34
	ISMA	3.46	3.17	0.001***	-2	11	45
	IGPo	4.23	3.75	0.000***	-53	-24	18
	ACC	4.07	3.64	0.000***	0	38	9
	IGFM	3.78	3.42	0.000***	-38	3	57
Sport>Dance	region	t-value	z-value	p (uncorr.)	x(mm)	y (mm)	z (mm)
	rGF	4.88	4.20	0.000***	32	-33	-21
	IGL	4.80	4.15	0.000***	-2	-70	4
	rTP	4.52	3.96	0.000***	23	8	-38
	V1	4.15	3.70	0.000***	-8	-97	-8
	Cerebellum	3.98	3.57	0.000***	33	-64	-20

Annotation. IGTS = left gyrus temporalis superior, IGPre = left gyrus precentralis, MCC = medial cingular cortex, ISMA = left supplementary-motor area, IGPo = left gyrus postcentralis, ACC = anterior cingular cortex, IGFM = left gyrus frontalis medius, rGF = right gyrus fusiformis, IGL = left gyrus lingualis, rTP = right temporalpol, V1 = primary visual cortex, *** $p \leq .001$ (uncorrected).