



Figure S1. Prevalence of pain and injuries of rhythmic, artistic, and all gymnasts.

Table S1. Socio-demographic characteristics, injuries, pain level and catastrophizing level for FEMALE gymnasts.

	Total (n =150)	Artistic (n = 50)	Rhythmic (n = 100)
Age (yrs) ^a	16.7 (2.8)	16.2 (3.5)	16.9 (2.6)
BMI (kg/m ²) ^a	20.2 (2.3)	20.6 (2.3)	20.0 (2.2)
Experience (yrs) ^a	9.5 (4.0)	8.6 (4.6)	9.8 (3.5)
Competition Level (% elite)	18.0	34.0	10.0
Training volume (hrs/wk)	17.1 (12.4)	20.0 (16.2)*	15.6 (9.8)
Injured in this season (%)	48.0	44.0	50.0
Injuries (n)	104	37	67
PCS (total score) ^a	21.4 (10.2)	20.4 (9.8)	21.9 (10.5)
PCS (Rumination) (score) ^a	8.3 (4.1)	8.2 (4.0)	8.3 (4.1)
PCS (Helplessness) (score) ^a	8.2 (4.7)	7.4 (4.3)	8.6 (4.8))
PCS (Magnification) (score) ^a	4.9 (2.8)	4.8 (2.9)	5.0 (2.8)
Pain existence (%)	73.3	66.0	77.0

Pain in 1 district (%)	29.3	24.0	32.0
Pain in 2 district (%)	27.3	22.0	30.0
Pain in ≥ 3 district (%)	16.7	20.0	15.0
Pain Peak (0-10 score) ^a	4.3 (3.1)	3.8 (3.1)	4.6 (3.1)

PCS, pain catastrophizing scale; ^a, values are given as mean (standard deviation); *, significant differences compared to rhythmic gymnastics (p < 0.05).