Supplementary Table 1. Descriptive statistics (Means, SD) of kinetics and peak kinematic values in the first 60% of stance during self-selected and standardized gait for patients with JFM and healthy controls.

	Self-Selected Pace			Standardized Pace		
	JFM	Controls		JFM	Controls	
	M (SD)	M (SD)	p	M (SD)	M (SD)	p
Kinetics						
Gait Speed (m/s)	1.09 (0.14)	1.15 (0.11)	.20	-	-	-
Stride Length(m)	0.66 (0.06)	0.71 (0.04)	.04*	0.70 (0.05)	0.73 (0.04)	.06
Peak Values (°)						
Hip Flexion	27.30 (4.51)	26.87 (4.63)	.80	28.27 (4.40)	28.28 (4.88)	.99
Hip Adduction	9.61 (3.00)	10.54 (2.22)	.36	10.00 (2.80)	10.52 (2.59)	.61
Hip Internal Rotation	0.03 (3.16)	0.91 (3.76)	.51	0.38 (4.01)	1.47 (3.91)	.23
Knee Flexion	13.82 (8.21)	14.89 (7.60)	.73	15.45 (7.96)	17.47 (7.48)	.49
Knee Abduction	2.37 (2.60)	2.90 (1.45)	.52	2.50 (2.49)	2.83 (1.39)	.67
Knee Internal Rotation	5.05 (3.53)	2.30 (2.87)	.03[+]	4.88 (2.93)	2.25 (3.56)	.04[+]
Ankle Dorsiflexion	7.10 (3.59)	6.42 (2.73)	.58	6.98 (2.96)	7.54 (4.08)	.68
Ankle Eversion	5.91 (2.41)	5.71 (1.90)	.81	5.75 (2.42)	5.25 (1.78)	.54

[*]$p < .05$; [+] p-levels for peak values demonstrate trend toward significance following Bonferroni correction