

TITLE

The impact of body fat on three dimensional motion of the paediatric foot during walking

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VERSIONS

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Table 3. Summary of multiple regression analysis of regression score from PCA with predictor variables (only significant results are shown).

Dependent variable	Predictor variables β (Std Error), p value							Model R ²	Model p value
	Body fat _{linear}	Body fat _{quad}	BMI ZScore _{linear}	BMI ZScore _{quad}	Height _{linear}	Step distance _{linear}	Stance phase duration _{linear}		
Shank-Calcaneus: sagittal plane									
PC1	-.04 (.02), p .009	-	-	-	-	-	-.50 (.10), p .000	.32	.000
PC2	-.03 (.02), p .046	-	-	-	-	-	-	.07	.046
PC3	-.04 (.02), p .022	-	-	-	-	-	-	.10	.022
Shank-Calcaneus: transverse plane									
PC1	.21 (.09), p .043	.01 (.00), p .026	-	-	-	-	-	.11	.035
PC2	.03 (.01), p .048	-	-	-	-	-	-	.07	.048
Calcaneus-Midfoot: sagittal plane									
PC1	.04 (.01), p .007	-	-	-	-	-	-	.13	.007
Calcaneus-Midfoot: frontal plane									
PC1	.23 (.10), p .026	.01 (.00), p 0.17	.38 (.13), p .007	.20 (.06), p .002	.06 (.02), p .003	.01 (.00), p .041	-	.33	.003