

Table S1. Data not available for the analysis.

Walking modality	Subject	Muscle
NW	S3	RF
NW	S4	SOL
NW	S7	BF
B-NA	S3	BF
B-FA	S3	BF
B-AA	S3	BF
U-AA	S3	BF
U-NA	S3	BF

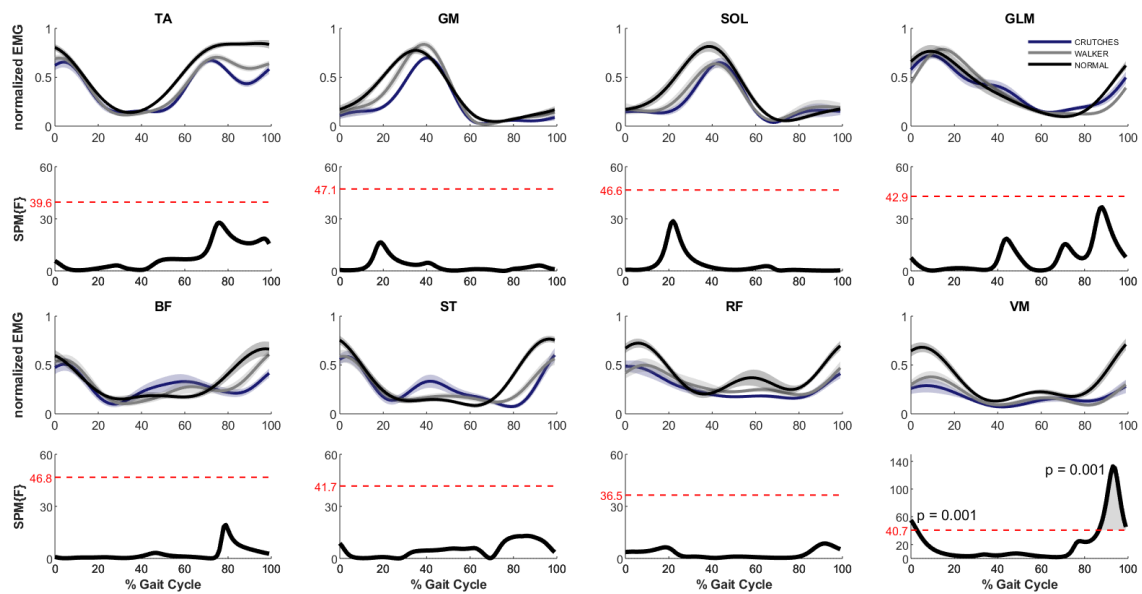


Figure 1. Rows 1, 3: Comparison between normal walking (black lines) and walking with walker (grey lines) and crutches (blue lines) (mean $\pm$ SE). We considered the following muscles: muscles tibialis anterior (TA), gastrocnemius medialis (GM), soleus (SOL), rectus femoris (RF), vastus medialis (VM), semitendinosus (ST), biceps femoris (BF), gluteus medius (GLM). Rows: 2, 4: panels show the SPM{F} statistic as a function of the percentage of gait cycle.