

Age	0.16	0.052	-0.2	0.207	-0.010	0.055
TSamp	-0.11	0.030	0.1	0.507	0.005	0.097
Level	9.18	0.009	0.2	0.935	-0.567	0.009
NAM	-0.06	0.577	0.2	0.108	0.002	0.798
Level x NAM	-0.32	0.079	--	--	0.018	0.098
R²	39.8%	0.079	13.8%	0.108	36.2%	0.098
R² Change						
Block I	11.6%		6.7%		9.0%	
Block II	12.6%*		0.0%		15.3%*	
Block III	9.4%*		7.1%		6.1%*	
Block IV	6.2%*		--		5.8%*	

R² refers to the total variance explained by the final model.

R² change shows the variance explained by each block.

Block I: Age & TSamp.

Block II: Block I + Level (0=TTA, 1=TFA).

Block III: Block II + Non-Amputated-Side Multifidi Muscle Activity (NAM).

Block IV (TUG and 10mWT only): Block III + interaction term (Level x NAM).

Abbreviations: B=unstandardized beta coefficient; TSamp=time since amputation; Level=amputation level; NAM=Non-Amputated-Side Multifidi Muscle Activity; TUG=Timed Up and Go; BERG=Berg Balance Scale; 10mWT=10-meter Walk Test.

**p< .100.*

Table 5. Regression Analysis: Extensor Endurance

	TUG		BERG		10mWT	
	B	p	B	p	B	P
Intercept	6.38	0.261	53.4	<0.001	1.516	<0.001
Age	0.13	0.142	-0.2	0.255	-0.008	0.147
TSamp	-0.12	0.020	0.1	0.344	-0.006	0.049
Level	8.38	<0.001	-2.0	0.457	-0.357	0.002
mBSET	-0.01	0.734	0.1	0.045	0.004	0.005
Level x mBSET	-0.08	0.042	--	--	--	--
R²	45.0%	0.042	20.1%	0.045	41.7%	0.005
R² Change						
Block I	11.3%		8.5%		8.4%	
Block II	13.5%*		0.4%		16.0%*	
Block III	11.9%*		11.2%*		17.2%*	
Block IV	8.3%*		--		--	

R² refers to the total variance explained by the final model.

R² change shows the variance explained by each block.

Block I: Age & TSamp.

Block II: Block I + Level (0=TTA, 1=TFA).

Block III: Block II + mBSET.

Block IV (TUG only): Block III + interaction term (Level x Extensor Endurance).

Abbreviations: B=unstandardized beta coefficient; TSamp=time since amputation; Level=amputation level; mBSET=modified Biering-Sorensen Endurance Test; TUG=Timed Up and Go; BERG=Berg Balance Scale; 10mWT=10-meter Walk Test.

**p< .100.*