TABLE E-1 Multivariate Linear Regression Showing the Effect of Age, Sex, Range of Motion, and Grip Strength on Patient-Reported Outcome Measures

	DASH Score*	Oxford Elbow Score				Satisfaction Score
		Function	Pain	Psychosocial	Overall	
Constant	–5.24	21.9	22.89	43.78	2.57	90.4
Age†	ns	ns	ns	ns	ns	ns
Female sex†	7.26 (0.002)	ns	ns	–7.79 (0.011)	ns	ns
Flexion†	–1.15 (0.001)	0.45 (0.021)	ns	ns	0.56 (0.005)	ns
Extension†	ns	ns	ns	ns	ns	ns
Flexion-extension arc†	ns	ns	0.43 (0.02)	ns	ns	0.55 (0.005)
Pronation†	ns	ns	ns	0.63 (0.007)	ns	ns
Supination†	ns	ns	ns	ns	ns	ns
Grip strength†	ns	0.28 (0.048)	0.32 (0.036)	ns	0.34 (0.019)	ns
Model statistics‡						
F	9.61	5.329	5.821	8.488	7.83	8.15
Adjusted r^2	0.16	0.074	0.081	0.121	0.11	0.06
Model p value	<0.001	0.006	0.004	<0.001	0.001	0.005

* DASH = Disabilities of the Arm, Shoulder and Hand. †The values are given as the B coefficient in the model (representing the change in the dependent variable [outcome measure] per unit change in the independent variable), with the p value in parentheses. ns = nonsignificant in the final model. ‡The F statistic and adjusted r^2 describe the performance of the model in predicting the dependent variable.