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Table SI: Pairwise Comparisons of Gender by SBST Group with Respect to Flexion Strength

SBST Group	Contrast	Estimate	SE	df	t-ratio	p-value
<b>Low-risk group</b>	Female vs. male	-71.2	3.82	368	-18.63	< .001 *
<b>Medium-risk group</b>	Female vs. male	-39.8	7.50	368	-5.30	< .001 *
<b>High-risk group</b>	Female vs. male	-30.4	15.89	368	-1.92	0.056

Notes: SBST = STarT Back screening tool; estimate = differences in adjusted means; SE = standard error; df = degrees of freedom; t-ratio = t-statistic, the ratio of the difference between group means to the standard error; p-value = level of significance, adjusted using Tukey's HSD and interpreted against a Bonferroni-corrected alpha of 0.0167 (0.05/3) because three MANOVAs were performed.

Table SII: Pairwise Comparisons of Gender by SBST Group with Respect to Extension Strength

SBST Group	Contrast	Estimate	SE	df	t-ratio	p-value
<b>Low-risk group</b>	Female vs. male	-109.0	9.0	366	-12.11	< .001*
<b>Medium-risk group</b>	Female vs. male	-64.0	17.8	366	-3.60	< .001*
<b>High-risk group</b>	Female vs. male	-35.2	37.4	366	-0.94	0.347

Notes: SBST = STarT Back screening tool; estimate = differences in adjusted means; SE = standard error; df = degrees of freedom; t-ratio = t-statistic, the ratio of the difference between group means to the standard error; p-value = level of significance, adjusted using Tukey's HSD and interpreted against a Bonferroni-corrected alpha of 0.0167 because three MANOVAs were performed.