

TABLE E-1 One-Year Outcome Instrument Associations\*

Parameter†	DASH	VAS Pain	VAS Function	VAS Quality of Life	SF-36 Physical Function	SF-36 Role Physical	SF-36 Bodily Pain	SF-36 General Health	SF-36 Vitality	SF-36 Social Function	SF-36 Role Emotional	SF-36 Mental Health
SST	0.79 (<0.001)	0.65 (<0.001)	0.71 (<0.001)	0.66 (<0.001)	0.47 (<0.001)	0.54 (<0.001)	0.57 (<0.001)	0.35 (<0.001)	0.41 (<0.001)	0.42 (<0.001)	0.34 (<0.001)	0.35 (<0.001)
DASH		0.66 (<0.001)	0.70 (<0.001)	0.68 (<0.001)	0.62 (<0.001)	0.62 (<0.001)	0.76 (<0.001)	0.52 (<0.001)	0.47 (<0.001)	0.54 (<0.001)	0.37 (<0.001)	0.39 (<0.001)
VAS pain			0.85 (<0.001)	0.77 (<0.001)	0.34 (<0.001)	0.50 (<0.001)	0.60 (<0.001)	0.33 (<0.001)	0.31 (0.001)	0.39 (<0.001)	0.36 (<0.001)	0.32 (<0.001)
VAS function				0.88 (<0.001)	0.41 (<0.001)	0.50 (<0.001)	0.61 (<0.001)	0.39 (<0.001)	0.33 (<0.001)	0.40 (<0.001)	0.39 (<0.001)	0.29 (0.003)
VAS quality of life					0.46 (<0.001)	0.48 (<0.001)	0.55 (<0.001)	0.39 (<0.001)	0.43 (<0.001)	0.44 (<0.001)	0.37 (<0.001)	0.37 (<0.001)
SF-36 Physical Function						0.66 (<0.001)	0.62 (<0.001)	0.68 (<0.001)	0.57 (<0.001)	0.66 (<0.001)	0.54 (<0.001)	0.42 (<0.001)
SF-36 Role Physical							0.66 (<0.001)	0.50 (<0.001)	0.52 (<0.001)	0.71 (<0.001)	0.59 (<0.001)	0.38 (<0.001)
SF-36 Bodily Pain								0.54 (<0.001)	0.56 (<0.001)	0.63 (<0.001)	0.48 (<0.001)	0.43 (<0.001)
SF-36 General Health									0.70 (<0.001)	0.55 (<0.001)	0.54 (0.003)	0.56 (<0.001)
SF-36 Vitality										0.58 (<0.001)	0.52 (0.001)	0.69 (<0.001)
SF-36 Social Function											0.72 (<0.001)	0.52 (<0.001)
SF-36 Role Emotional												0.49 (<0.001)

\*The values are expressed as the Spearman correlation coefficient for each test, with the corresponding p value in parentheses. †SST = Simple Shoulder Test; DASH = Disabilities of the Arm, Shoulder and Hand; VAS = visual analog scale; and SF-36 = Short Form-36.

TABLE E-2 Improvement in Outcome Instrument Associations\*

Parameter†	DASH	VAS Pain	VAS Function	VAS Quality of Life	SF-36 Physical Function	SF-36 Role Physical	SF-36 Bodily Pain	SF-36 General Health	SF-36 Vitality	SF-36 Social Function	SF-36 Role Emotional	SF-36 Mental Health
SST	0.67 ( <b>&lt;0.001</b> )	0.52 ( <b>&lt;0.001</b> )	0.56 ( <b>&lt;0.001</b> )	0.41 ( <b>&lt;0.001</b> )	0.31 (0.013)	0.33 ( <b>&lt;0.001</b> )	0.38 ( <b>&lt;0.001</b> )	<b>0.08</b> ( <b>0.43</b> )	<b>0.11</b> ( <b>0.27</b> )	<b>0.15</b> ( <b>0.11</b> )	<b>0.15</b> ( <b>0.14</b> )	<b>0.04</b> ( <b>0.69</b> )
DASH		0.62 ( <b>&lt;0.001</b> )	0.66 ( <b>&lt;0.001</b> )	0.50 ( <b>&lt;0.001</b> )	0.50 ( <b>&lt;0.001</b> )	0.52 ( <b>&lt;0.001</b> )	0.61 ( <b>&lt;0.001</b> )	0.26 (0.004)	0.28 (0.002)	0.36 ( <b>&lt;0.001</b> )	0.37 ( <b>&lt;0.001</b> )	<b>0.28</b> ( <b>0.06</b> )
VAS pain			0.78 ( <b>&lt;0.001</b> )	0.48 ( <b>&lt;0.001</b> )	0.31 (0.002)	0.35 ( <b>&lt;0.001</b> )	0.37 ( <b>&lt;0.001</b> )	<b>0.09</b> ( <b>0.37</b> )	<b>0.18</b> ( <b>0.08</b> )	0.21 (0.032)	0.26 (0.010)	<b>0.24</b> ( <b>0.24</b> )
VAS function				0.66 ( <b>&lt;0.001</b> )	0.36 ( <b>&lt;0.001</b> )	0.29 (0.003)	0.45 ( <b>&lt;0.001</b> )	<b>0.15</b> ( <b>0.14</b> )	0.22 (0.028)	0.19 (0.049)	0.28 (0.006)	<b>0.16</b> ( <b>0.11</b> )
VAS quality of life					0.21 (0.032)	<b>0.12</b> ( <b>0.23</b> )	<b>0.14</b> ( <b>0.18</b> )	<b>0.08</b> ( <b>0.45</b> )	0.24 (0.015)	0.22 (0.023)	<b>0.16</b> ( <b>0.11</b> )	<b>0.04</b> ( <b>0.70</b> )
SF-36 Physical Function						0.45 ( <b>&lt;0.001</b> )	0.45 ( <b>&lt;0.001</b> )	0.40 ( <b>&lt;0.001</b> )	0.19 (0.038)	0.34 ( <b>&lt;0.001</b> )	0.27 (0.004)	<b>0.16</b> ( <b>0.08</b> )
SF-36 Role Physical							0.62 ( <b>&lt;0.001</b> )	0.27 (0.003)	0.41 ( <b>&lt;0.001</b> )	0.46 ( <b>&lt;0.001</b> )	0.46 ( <b>&lt;0.001</b> )	0.26 (0.004)
SF-36 Bodily Pain								0.22 (0.017)	0.29 (0.001)	0.33 ( <b>&lt;0.001</b> )	0.40 ( <b>&lt;0.001</b> )	0.20 (0.029)
SF-36 General Health									0.24 (0.007)	0.25 (0.005)	0.21 (0.023)	0.20 (0.025)
SF-36 Vitality										0.27 (0.002)	0.34 (0.001)	0.48 ( <b>&lt;0.001</b> )
SF-36 Social Function											0.36 ( <b>&lt;0.001</b> )	0.22 (0.013)
SF-36 Role Emotional												0.32 ( <b>&lt;0.001</b> )

\*The values are expressed as the Spearman correlation coefficient for each test, with the corresponding p value in parentheses. Associations that did not reach statistical significance ( $p > 0.05$ ) are shown in bold. †SST = Simple Shoulder Test; DASH = Disabilities of the Arm, Shoulder and Hand; VAS = visual analog scale; and SF-36 = Short Form-36.