

Web Table 1: Construct validity (comparison with external criteria) - hypothesis testing: Comparison of mean (SD) CROQ-CABG and CROQ-PCI Q1 scores for patients with problems versus no problems on the EQ-5D dimensions at Q1

	EQ-5D Mobility			EQ-5D Self Care			EQ-5D Usual Activities			EQ-5D Pain & Discomfort			EQ-5D Anxiety & Depression		
	No problems	Problems	p	No problems	Problems	p	No problems	Problems	p	No problems	Problems	p	No problems	Problems	p
CROQ-CABG (n=2685)															
Symptoms	75.40 (20.2) n=1,238	55.71 (23.2) n=1,333	<.001	67.48 (22.9) n=2,297	46.52 (23.9) n=276	<.001	77.57 (19.5) n=993	57.41 (23.1) n=1,577	<.001	81.86 (16.6) n=1,003	54.46 (21.7) n=1,558	<.001	71.54 (21.6) n=1,297	58.84 (24.4) n=1,273	<.001
Physical Functioning	77.24 (21.5) n=1,239	44.24 (24.7) n=1,340	<.001	64.07 (26.5) n=2,304	26.48 (21.7) n=277	<.001	79.32 (21.0) n=995	48.01 (25.7) n=1,584	<.001	75.92 (23.9) n=1,007	49.79 (26.4) n=1,562	<.001	67.06 (26.9) n=1,313	52.81 (28.2) n=1,267	<.001
Psychosocial Functioning	71.01 (20.4) n=1,248	51.45 (23.7) n=1,355	<.001	63.36 (23.1) n=2,325	39.84 (23.5) n=281	<.001	75.64 (18.5) n=1,008	51.50 (22.7) n=1,595	<.001	73.66 (19.1) n=1,017	52.6 (23.6) n=1,576	<.001	73.78 (18.4) n=1,325	47.51 (22.2) n=1,279	<.001
Cognitive Functioning	84.49 (20.0) n=1,246	67.60 (28.9) n=1,358	<.001	78.39 (24.6) n=2,325	52.92 (30.1) n=282	<.001	87.22 (18.5) n=1,007	68.41 (28.0) n=1,597	<.001	86.23 (19.5) n=1,015	68.89 (28.0) n=1,579	<.001	86.39 (18.8) n=1,327	64.51 (28.5) n=1,278	<.001
CROQ-PCI (n=3711)															
Symptoms	73.63 (20.9) n=1,590	50.50 (23.5) n=1,947	<.001	64.21 (24.1) n=2,982	43.14 (23.6) n=560	<.001	76.33 (19.9) n=1,248	52.43 (23.8) n=2,289	<.001	81.66 (16.8) n=1,050	51.95 (22.9) n=2,484	<.001	68.55 (23.2) n=1,704	53.74 (24.9) n=1,829	<.001
Physical Functioning	77.82 (21.3) n=1,609	40.36 (25.6) n=1,942	<.001	63.54 (27.3) n=2,998	24.31 (22.8) n=560	<.001	79.79 (21.1) n=1,258	45.11 (27.2) n=2,295	<.001	77.54 (24.4) n=1,073	48.50 (28.2) n=2,475	<.001	66.18 (28.4) n=1,718	49.08 (29.5) n=1,829	<.001
Psychosocial Functioning	73.31 (19.9) n=1,623	49.22 (24.0) n=1,961	<.001	64.75 (23.1) n=3,023	35.55 (21.9) n=565	<.001	78.18 (18.2) n=1,269	50.24 (23.0) n=2,315	<.001	75.48 (19.3) n=1,083	53.41 (24.6) n=2,497	<.001	74.00 (19.3) n=1,736	47.05 (23.2) n=1,845	<.001
Cognitive Functioning	84.70 (20.0) n=1,622	64.82 (29.5) n=1,964	<.001	78.64 (24.0) n=3,023	48.20 (30.3) n=568	<.001	88.16 (17.6) n=1,271	66.00 (28.7) n=2,314	<.001	86.98 (18.7) n=1,088	68.04 (28.7) n=2,496	<.001	86.48 (18.8) n=1,738	61.83 (29.0) n=1,844	<.001

Note: higher scores on CROQv2 indicate better functioning.