

Supplemental Table 1: Multi- and univariable logistic regression model for prediction of at least stable or improved Global Quality of Life (QL) and EORTC QLQ-C30 Summary Score at 24 months after robot-assisted radical prostatectomy

Value	Multiivariable model			EORTC QLQ-C30 Summary Score no deterioration		
	OR	95% CI	p-value	OR	95% CI	p-value
Preoperative Global Quality of Life (QL)	0.97	0.96 - 0.97	<0.001	1.00	0.99 - 1.01	0.4
Fulfilled trifecta criteria at 24 months after surgery	1.90	1.60 - 2.26	<0.001	2.13	1.79 - 2.53	<0.001
CAPRA-S risk group (high risk vs. low risk [REF])	0.58	0.45 - 0.73	<0.001	0.74	0.59 - 0.94	0.02
Surgery complications (CDC ≥3b vs. 0-3a[REF])	0.31	0.17 - 0.56	<0.001	0.61	0.34 - 1.10	0.1
	Univariable model					
Preoperative Global Quality of Life (QL)	0.97	0.96 - 0.97	<0.001	1.00	1.00 - 1.01	0.3
Fulfilled trifecta criteria at 24 months after surgery	1.95	1.66 - 2.30	<0.001	2.24	1.89 - 2.65	<0.001
CAPRA-S risk group (high risk vs. low risk [REF])	0.51	0.41 - 0.64	<0.001	0.61	0.49 - 0.77	<0.001
Surgery complications (CDC ≥3b vs. 0-3a[REF])	0.39	0.24 - 0.63	<0.001	0.74	0.44 - 1.22	0.2

CAPRA-S - the postsurgical Cancer of the Prostate Risk Assessment score, CDC - Clavien-Dindo classification, CI - confidence interval, OR - odds ratio