

Supplementary table: Observed to expected mortality ratios for all surgery centers over time (indicated by STS data version) before and after the exclusion of salvage patients.

Center	With or w/out Salvage	N	Data Version				
			2.41	2.52	2.61	2.73	2.81
1	with	5967	0.83	1.19	1.83	2.08	1.61
	w/out	5958	0.71	1.19	1.85	2.08	1.60
2	with	2381	1.23	0.62	1.16	1.11	1.20
	w/out	2379	1.16	0.62	1.16	1.11	1.14
3	with	2421	2.13	0.75	1.56	1.01	1.34
	w/out	2414	2.14	0.69	1.50	1.01	1.34
4	with	3312	1.40	1.53	1.40	1.18	1.04
	w/out	3302	1.43	1.63	1.38	1.18	1.03
5	with	3710	-	-	-	1.06	0.67
	w/out	3705	-	-	-	1.06	0.64
6	with	1949	0.38	0.86	1.87	0.73	1.01
	w/out	1949	0.38	0.86	1.87	0.73	1.01
7	with	3303	0.62	1.32	1.24	0.43	1.02
	w/out	3297	0.67	1.34	1.27	0.43	1.07
8	with	614	-	-	-	1.12	1.24
	w/out	614	-	-	-	1.12	1.24
9	with	3980	1.28	1.15	1.50	1.13	0.51
	w/out	3964	1.16	1.22	1.48	1.11	0.52
10	with	2859	0.68	0.63	1.15	0.30	0.72
	w/out	2858	0.62	0.63	1.15	0.30	0.72
11	with	2088	0.56	0.69	1.56	1.22	1.34
	w/out	2088	0.56	0.69	1.56	1.22	1.34
12	with	1294	0.70	0.96	0.26	1.11	0.85
	w/out	1290	0.49	0.81	0.26	0.99	0.85
13	with	1035	-	1.83	0.89	1.40	0.40

	w/out	1034	-	1.83	0.89	1.40	0.40
14	with	5960	0.70	0.34	0.79	0.88	0.85
	w/out	5955	0.70	0.35	0.79	0.89	0.85
15	with	3158	1.09	1.03	1.73	0.75	1.36
	w/out	3157	1.09	1.03	1.73	0.70	1.36
16	with	11693	0.59	0.49	1.36	1.04	1.06
	w/out	11684	0.57	0.47	1.35	1.05	1.04
17	with	10315	0.67	0.78	1.22	1.10	0.63
	w/out	10280	0.63	0.76	1.20	1.09	0.63
18	with	4190	0.81	0.94	1.27	0.90	0.76
	w/out	4184	0.81	0.96	1.27	0.90	0.76
19	with	6268	0.65	0.85	0.89	0.62	0.61
	w/out	6268	0.65	0.85	0.89	0.62	0.61
all	with	76497	0.79	0.84	1.24	1	0.89
	w/out	76380	0.75	0.8	1.24	0.98	0.87