

Appendix 3 - Primary Adjusted Model

	Odds Ratio	Lower confidence limit	Upper confidence limit	P Value
Inuit vs Non-Inuit	1.245	1.03	1.51	0.03
66-74 vs. 18-65 age group	1.713	1.63	1.80	<0.0001
74+ vs. 18-65 age group	2.534	2.42	2.65	<0.0001
Male vs. Female	1.103	1.06	1.15	<0.0001
Dental Surgery vs. Orthopedic Surgery	0.367	0.26	0.51	<0.0001
Otolaryngology vs. Orthopedic Surgery	0.858	0.77	0.96	0.01
General Surgery vs. Orthopedic Surgery	1.820	1.73	1.92	<0.0001
Gyne Oncology vs. Orthopedic Surgery	1.612	1.44	1.80	<0.0001
Gynecology vs. Orthopedic Surgery	0.604	0.54	0.67	<0.0001
Neurosurgery vs. Orthopedic Surgery	1.009	0.94	1.09	0.81
Plastic Surgery vs. Orthopedic Surgery	1.260	1.05	1.51	0.01
Thoracic Surgery vs. Orthopedic Surgery	1.923	1.76	2.10	<0.0001
Urology vs. Orthopedic Surgery	0.835	0.78	0.90	<0.0001
Vascular Surgery vs. Orthopedic Surgery	2.042	1.90	2.19	<0.0001
sims_category 2 vs. 1	1.077	1.03	1.13	0.00
sims_category 3 vs. 1	1.396	1.29	1.51	<0.0001
sims_category 4 vs. 1	2.176	1.98	2.39	<0.0001
increase in PIMRscore by 1	1.380	1.36	1.40	<0.0001
SIMS: surgical information management system; PIMR: procedural index for mortality risk				