Supplementary Table 1 Adjusted Odds Ratios (aOR) of Low Dose versus High Dose Sedation Groups per Age Subgroup Compared to Patients <30 years old*

Age Group (years)	N (%) Total = 365,908	Female Gender (N, %) Total** = 134,206	Adjusted OR ¥	95% CI	P-value
Age 20 – 29 LD Group HD Group	11,120 (3.0%) 1,222 9,898	5,032 (3.7%)	Ref.	Ref.	Ref.
Age 30 – 39 LD Group HD Group	19,771 (5.6%) 2,331 17,440	8,423 (6.3%)	1.08	1.01 – 1.17	0.03
Age 40 – 49 LD Group HD Group	39,530 (11.1%) 5,545 33,985	16,377 (12.2%)	1.32	1.24 – 1.41	<0.0001
Age 50 – 59 LD Group HD Group	112,814 (31.8%) 16,999 95,815	42,048 (31.3%)	1.44	1.35 – 1.53	<0.0001
Age 60 – 69 LD Group HD Group	110,398 (31.1%) 17,509 92,889	35,585 (26.5%)	1.53	1.44 – 1.62	<0.0001
Age 70 –79 LD Group HD Group	55,269 (15.6%) 11,963 43,306	19,861 (14.8%)	2.24	2.10 – 2.38	<0.0001
Age 80 – 89 LD Group HD Group	17,006 (4.8%) 6,255 10,751	6,880 (5.1%)	4.71	4.41 – 5.04	<0.0001

*20 – 29 years old is the reference age group. **Total number of female patients between the ages of 20 and 89 years old.
¥Adjusted odds ratio (aOR) for the entire study group (both genders) requiring low dose versus high dose sedation for all procedure types (both EGDs and colonoscopies) for each age subgroup.

Supplementary Table 2 Adjusted Odds Ratios (aOR) of Low Dose versus High Dose Sedation Groups per ASA Class Subgroup Compared to ASA Class I Patients*

ASA Class	N (%) **Total = 370,729	Adjusted OR ¥	95% CI	P-value
ASA Class I LD Group HD Group	56,613 (15.3%) 6,861 49,752	Ref.	Ref.	Ref.
ASA Class II LD Group HD Group	267,379 (72.1%) 45,105 222,274	1.47	1.43 – 1.51	<0.0001
ASA Class III LD Group HD Group	45,016 (12.1%) 10,469 34,547	2.20	2.13 – 2.27	<0.0001
ASA Class IV LD Group HD Group	1645 (0.4%) 687 958	5.20	4.70 – 5.75	<0.0001
ASA Class V LD Group HD Group	57 (0.02%) 8 49	1.18	0.56 – 2.50	0.66

*ASA Class I is the reference group. **Total number of patients with recorded ASA classification in the CORI database.
¥Adjusted odds ratios (aOR) for the entire study group requiring low dose versus high dose sedation for all procedure types (EGDs and colonoscopies) for each ASA subgroup.