Model Results

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Death 30days

Regression table

Fixed effect table

term	estimate	OR	p_value
(Intercept)	-3.2284951	0.0396171	0.000
re_cert_binPassed	0.0112347	1.0112980	0.447
flg_male	0.1264258	1.1347653	0.000
age_at_admit_std	0.3155463	1.3710081	0.000
AHRQ_score_std	0.6310275	1.8795408	0.000
race_white	0.1243647	1.1324288	0.000
seslow_ses	0.1663321	1.1809652	0.000
emergent_admit	0.8655416	2.3762928	0.000
year	-0.0388332	0.9619112	0.000
surgeon_yearly_load_std	0.0011493	1.0011500	0.719
hospital_icu	-0.0027460	0.9972578	0.891
hospital_urban	-0.0534239	0.9479781	0.000
hospital_beds_gt_350>350	-0.0287827	0.9716276	0.000
hospital_rn2bed_ratio_std	-0.0879210	0.9158332	0.000
hospital_mcday2inptday_ratio_std	0.0163292	1.0164632	0.000

Fig1

Risk-adjusted mortality rate by recertification status
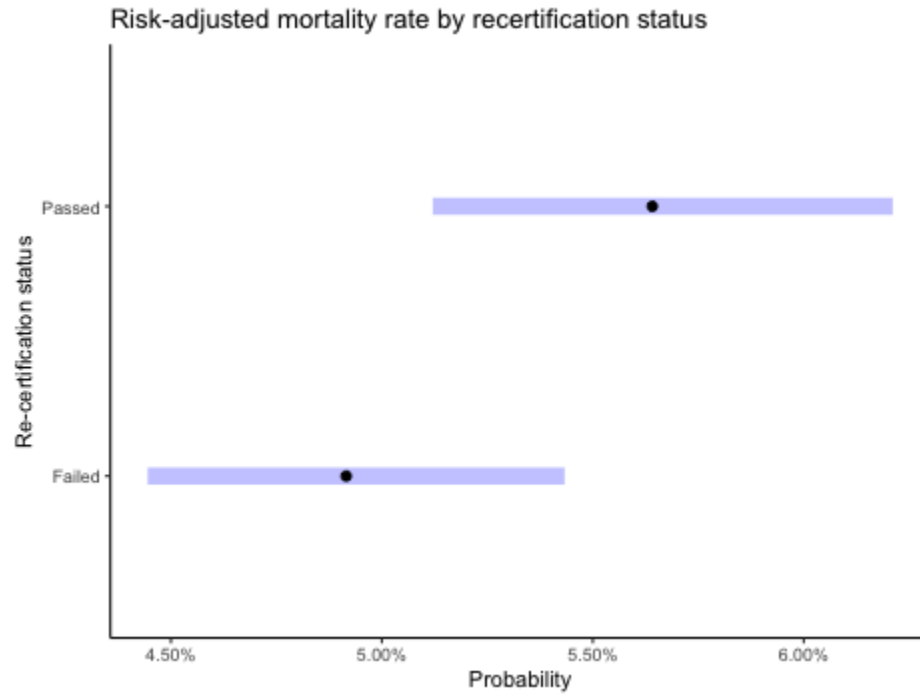
by procedure

top10 most different procedures mortality outcomes by passed vs. failed surgeons