

## Appendix C. Association of Inter-Hospital Transfer on Unadjusted Compared to Propensity-Matched Odds of 3-Day and 30-Day Mortality

### A. 3-Day Mortality

Disease Category	Unadjusted OR (95% CI)	Propensity-Matched OR (95% CI)	<sup>†</sup> Direction Towards Null
Acute Myocardial Infarction	0.28(0.24,0.32)	<b>0.32(0.28,0.36)</b>	Closer
Respiratory Disease	0.33(0.22,0.52)	<b>0.33(0.21,0.51)</b>	~
Sepsis	0.40(0.35,0.45)	<b>0.40(0.35,0.46)</b>	~
Stroke	0.49(0.39,0.60)	<b>0.50(0.40,0.63)</b>	Closer
Arrhythmia	0.69(0.51,0.92)	0.75(0.55,1.00)	Closer
Renal Failure	0.81(0.61,1.08)	0.80(0.60,1.07)	Further
Congestive Heart Failure	0.79(0.65,0.96)	0.84(0.69,1.03)	Closer
Metabolic Disease	0.87(0.51,1.46)	0.86(0.51,1.43)	Further
Gastrointestinal Bleed	0.96(0.70,1.32)	0.90(0.65,1.23)	Further
Pneumonia	1.09(0.87,1.37)	1.03(0.82,1.30)	Closer
Hip Fracture/Dislocation	1.03(0.65,1.62)	1.12(0.69,1.84)	Further
Chronic Obstructive Pulmonary Disease	1.59(1.02,2.50)	1.40(0.88,2.22)	Closer
Urinary Tract Infection	1.63(0.78,3.42)	1.54(0.73,3.22)	Closer
Esophageal/Gastrointestinal Disease	2.62(1.54,4.44)	<b>2.33(1.36,3.97)</b>	Closer
Chest Pain	3.01(0.61,15.00)	3.01(0.60,15.12)	~

### B. 30-Day Mortality

Disease Category	Unadjusted OR (95% CI)	Propensity-Matched OR (95% CI)	<sup>†</sup> Direction Towards Null
Acute Myocardial Infarction	0.42(0.38,0.46)	<b>0.52(0.48,0.57)</b>	Closer
Respiratory Disease	0.80(0.64,1.00)	0.82(0.65,1.04)	Closer
Sepsis	0.86(0.80,0.94)	0.88(0.81,0.95)	Closer
Stroke	0.87(0.76,1.00)	0.91(0.79,1.05)	Closer
Arrhythmia	0.88(0.77,1.01)	1.01(0.87,1.17)	Closer
Renal Failure	1.72(1.47,2.02)	<b>1.80(1.53,2.11)</b>	Further
Congestive Heart Failure	1.37(1.24,1.51)	<b>1.47(1.33,1.62)</b>	Further
Metabolic Disease	1.79(1.34,2.30)	<b>1.79(1.36,2.35)</b>	~
Gastrointestinal Bleed	1.19(1.00,1.41)	1.20(1.00,1.43)	Further
Pneumonia	2.00(1.76,2.27)	<b>1.88(1.66,2.14)</b>	Closer
Hip Fracture/Dislocation	1.28(1.02,1.61)	<b>1.60(1.18,2.18)</b>	Further
Chronic Obstructive Pulmonary Disease	2.41(1.91,3.05)	<b>2.04(1.61,2.60)</b>	Closer
Urinary Tract Infection	2.57(1.83,3.61)	<b>2.56(1.81,3.61)</b>	Closer
Esophageal/Gastrointestinal Disease	2.96(2.32,3.79)	<b>2.81(2.17,3.65)</b>	Closer
Chest Pain	1.44(0.85,2.46)	1.74(0.98,3.10)	Further

OR=Odds Ratio; CI=Confidence Interval

<sup>†</sup>Indicates whether OR gets closer or further from null (1.0) when go from unadjusted to adjusted

Bold-faced indicates the statistically significant propensity-matched ORs.