

Supplementary Tables showing sensitivity analyses

		30 Day Mortality					
		England			NYS		
		Pre-Sensitivity Analysis	Black and Unknown combined	White and unknown combined	Pre-Sensitivity Analysis	Black and Unknown combined	White and unknown combined
Age Category	<50	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)
	50+	3.76 (2.64,5.37)	3.76 (2.64,5.36)	3.76 (2.64,5.37)	1.21 (0.91,1.61)	1.21 (0.91,1.61)	1.21 (0.91,1.61)
Sex	Male	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)
	Female	1.12 (0.82,1.54)	1.12 (0.82,1.54)	1.13 (0.82,1.55)	0.88 (0.66,1.17)	0.88 (0.66,1.17)	0.88 (0.66,1.17)
Admission Method	Elective	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)
	Emergency	2.47 (1.75,3.50)	2.47 (1.74,3.49)	2.47 (1.75,3.49)	2.00 (1.49,2.68)	2.00 (1.49,2.68)	2.00 (1.49,2.68)
Number of Emergency Readmissions	Other	0.51 (0.07,3.79)	0.51 (0.07,3.73)	0.52 (0.07,3.86)	2.52 (0.59,10.71)	2.53 (0.60,10.74)	2.53 (0.60,10.75)
		0.20 (0.15,0.27)	0.20 (0.15,0.27)	0.20 (0.15,0.27)	0.77 (0.72,0.83)	0.77 (0.72,0.83)	0.77 (0.72,0.83)
Ethnic Group	Black	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)	1 (baseline group)
	Other	1.48 (0.76,2.88)	1.60 (0.97,2.63)	1.43 (0.73,2.82)	0.79 (0.55,1.15)	0.79 (0.54,1.14)	0.79 (0.54,1.15)
	White	0.81 (0.44,1.49)	0.79 (0.52,1.19)	0.73 (0.39,1.34)	0.62 (0.44,0.86)	0.61 (0.44,0.85)	0.62 (0.45,0.87)

		12 Month Mortality					
		England			NYS		
		Pre-Sensitivity Analysis	Black and Unknown combined	White and unknown combined	Pre-Sensitivity Analysis	Black and Unknown combined	White and unknown combined
Age Category	<50	1 (baseline group)	1 (baseline)	1 (baseline)	1 (baseline group)	1 (baseline)	1 (baseline)
	50+	3.97 (3.24,4.86)	3.94 (3.22,4.83)	3.97 (3.24,4.86)	1.45 (1.21,1.73)	1.21 (0.91,1.61)	1.21 (0.91,1.61)
Sex	Male	1 (baseline group)	1 (baseline)	1 (baseline)	1 (baseline group)	1 (baseline)	1 (baseline)
	Female	1.07 (0.89,1.27)	1.06 (0.89,1.27)	1.06 (0.89,1.27)	0.88 (0.66,1.17)	0.88 (0.66,1.17)	0.88 (0.66,1.17)
Admission Method	Elective	1 (baseline group)	1 (baseline)	1 (baseline)	1 (baseline group)	1 (baseline)	1 (baseline)
	Emergency	1.84 (1.53,2.22)	1.85 (1.54,2.23)	1.84 (1.52,2.22)	1.79 (1.50,2.13)	2.00 (1.49,2.68)	2.00 (1.49,2.68)
Number of Emergency Readmissions	Other	1.17 (0.59,2.33)	1.19 (0.60,2.37)	1.18 (0.59,2.33)	1.76 (0.62,4.98)	2.53 (0.60,10.74)	2.53 (0.60,10.75)
		0.84 (0.82,0.87)	0.84 (0.81,0.87)	0.84 (0.81,0.87)	0.89 (0.86,0.92)	0.77 (0.72,0.83)	0.77 (0.72,0.83)
Ethnic Group	Black	1 (baseline group)	1 (baseline)	1 (baseline)	1 (baseline group)	1 (baseline)	1 (baseline)
	Other	1.24 (0.85,1.90)	1.60 (1.17,2.18)	1.27 (0.84,1.91)	0.79 (0.63,0.99)	0.79 (0.54,1.14)	0.79 (0.54,1.15)
	White	0.94 (0.65,1.34)	1.19 (0.92,1.54)	0.91 (0.63,1.32)	0.66 (0.55,0.81)	0.61 (0.44,0.85)	0.62 (0.45,0.87)

Living and Unknown Combined				Deceased and Unknown Combined			
		Hazard Ratio (95% CI)	p-value			Hazard Ratio (95% CI)	p-value
Age		1.00 (0.99,1.00)	0.181	Age		1.00 (0.99,1.00)	0.24
Sex	Male	1 (baseline group)		Sex	Male	1 (baseline group)	
	Female	0.99 (0.91,1.09)	0.897		Female	1.00 (0.91,1.09)	0.96
Type of Donor	Alive/unknown	1 (baseline group)		Type of Donor	Alive	1 (baseline group)	
	Dead	1.33 (1.20,1.46)	<0.001		Dead/Unknown	1.31 (1.16,1.47)	<0.001
Diabetes		1.08 (0.98,1.20)	0.12	Diabetes		1.09 (0.98,1.20)	0.103
Acute MI		0.99 (0.85,1.17)	0.945	Acute MI		0.99 (0.85,1.17)	0.945
CVF		1.03 (0.87,1.23)	0.716	CVF		1.04 (0.87,1.24)	0.655
PVD		1.16 (0.98,1.38)	0.086	PVD		1.17 (0.98,1.38)	0.077
CHF		1.16 (1.04,1.30)	0.008	CHF		1.18 (1.06,1.32)	0.004
Year	Pre 2007	1 (baseline group)		Year	Pre 2007	1 (baseline group)	
	Post 2007	1.27 (1.15,1.41)	<0.001		Post 2007	1.41 (1.27,1.56)	<0.001
Country	England	1 (baseline group)		Country	England	1 (baseline group)	
	NYS	2.17 (1.93,2.45)	<0.001		NYS	2.06 (1.83,2.32)	<0.001

Alive donors only				Deceased donors only			
		Hazard Ratio (95% CI)	p-value			Hazard Ratio (95% CI)	p-value
Age		0.98 (0.97,0.99)	<0.001	Age		1.00 (1.00,1.00)	0.915
Sex	Male	1 (baseline group)		Sex	Male	1 (baseline group)	
	Female	1.13 (0.92,1.39)	0.248		Female	1.00 (0.90,1.13)	0.934
Diabetes		1.25 (0.98,1.58)	0.071	Diabetes		1.10 (0.97,1.25)	0.144
Acute MI		1.12 (0.74,1.70)	0.596	Acute MI		0.96 (0.79,1.16)	0.645
CVF		0.64 (0.41,1.02)	0.058	CVF		1.15 (0.94,1.41)	0.178
PVD		1.56 (1.05,2.31)	0.028	PVD		1.07 (0.87,1.31)	0.515
CHF		1.29 (0.99,1.69)	0.058	CHF		1.13 (0.99,1.30)	0.075
Year	Pre 2007	1 (baseline group)		Year	Pre 2007	1 (baseline group)	
	Post 2007	1.34 (1.05,1.72)	0.02		Post 2007	1.25 (1.09,1.43)	0.001
Country	England	1 (baseline group)		Country	England	1 (baseline group)	
	NYS	1.68 (1.32,2.13)	<0.001		NYS	2.25 (1.95,2.59)	<0.001