

Figure S1. Age distribution by organ transplant group in the SRTR

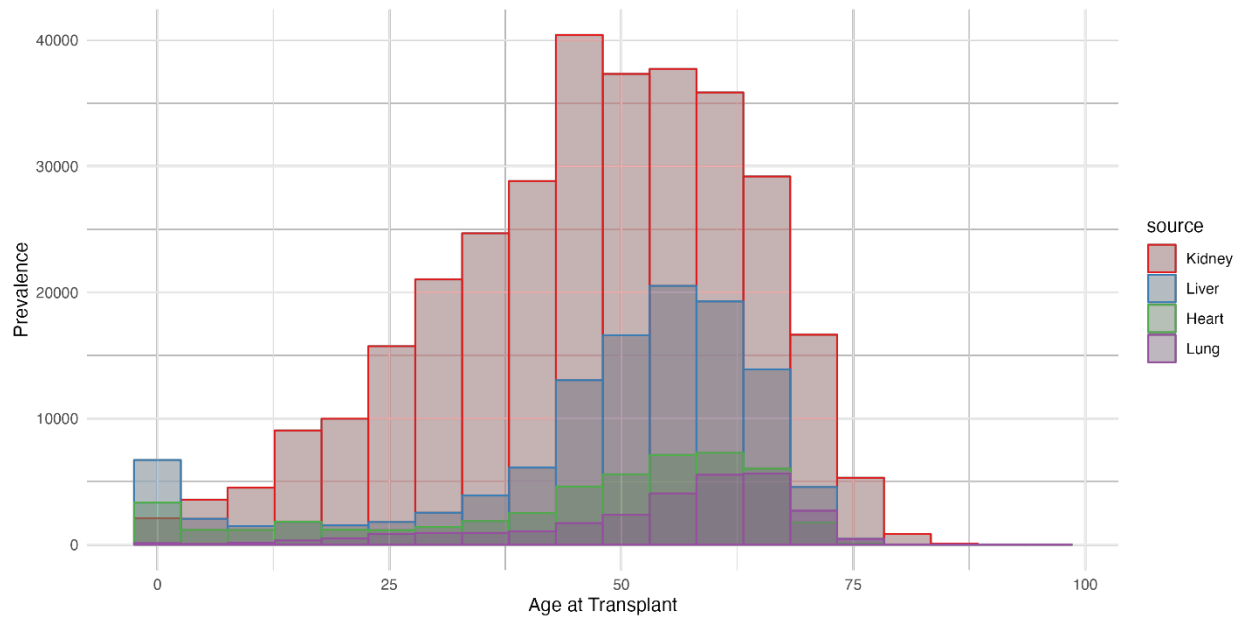


Figure S2. Cumulative excess mortality (per 10,000) from months 1 to 20 from March 1, 2020, in age 45-64 in the four organ groups and the US population.

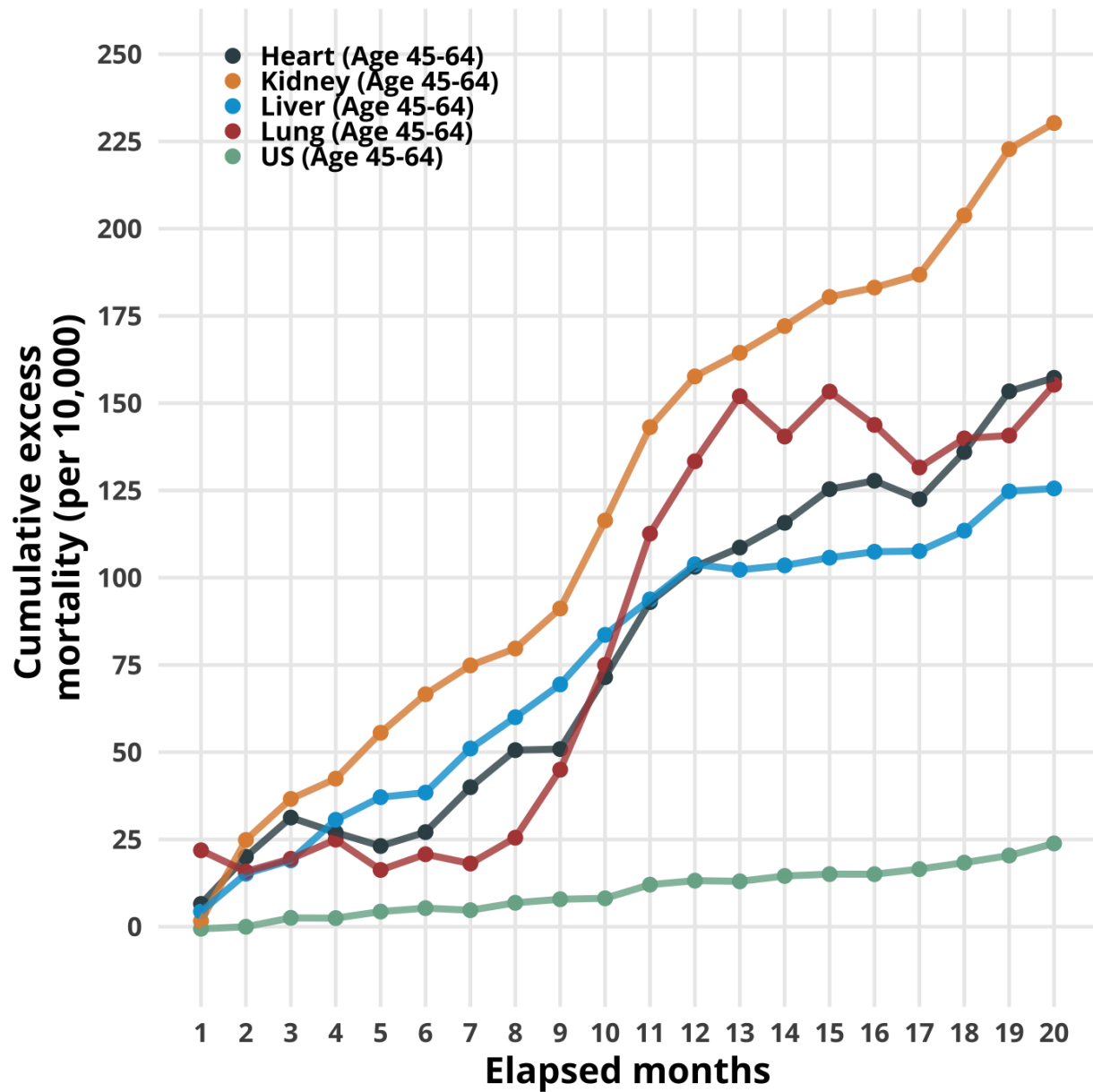


Table S1. Cumulative observed deaths, expected deaths, excess deaths, excess deaths per 10,000, and deaths from COVID-19 by race and ethnicity stratified by organ type in the SRTR. Values are the results at months 20 from March 1, 2020.

Organ	Race/Ethnicity	Observed deaths	Expected deaths (CI)	Excess deaths (CI)	Excess deaths per 10,000 (CI)	Deaths from COVID-19 (% observed)
Heart						
	Asian	90	73.4 (40.5 , 106.8)	16.6 (-16.8 , 49.5)	125.8 (-120.8 , 368.2)	5 (5.6 %)
	Black	697	534.5 (436.2 , 632)	162.5 (65 , 260.8)	229.5 (91.2 , 369.1)	74 (10.6 %)
	White	2225	1927.5 (1698.4 , 2153.6)	297.5 (71.4 , 526.6)	103.1 (24.8 , 182.5)	247 (11.1 %)
	Hispanic	267	227.5 (170.8 , 284.3)	39.5 (-17.3 , 96.2)	102.1 (-46.8 , 250.5)	42 (15.7 %)
	Non-Hispanic	2787	2361.2 (2111.8 , 2610.5)	425.8 (176.5 , 675.2)	125.6 (52.2 , 199)	288 (10.3 %)
Kidney						
	Asian	691	521.1 (419.9 , 621)	169.9 (70 , 271.1)	98.3 (40.6 , 156.7)	119 (17.2 %)
	Black	4519	2836.7 (2436.6 , 3233.1)	1682.3 (1285.9 , 2082.4)	253.3 (193.5 , 313.6)	751 (16.6 %)

	White	9592	6513.7 (5763.4 , 7260)	3078.3 (2332 , 3828.6)	170.7 (129.3 , 212.4)	1501 (15.6 %)
	Hispanic	2422	1115.4 (872.9 , 1356.3)	1306.6 (1065.7 , 1549.1)	280.9 (229.2 , 333)	671 (27.7 %)

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	Non-Hispanic	12675	8990.7 (8092.8 , 9898.8)	3684.3 (2776.2 , 4582.2)	165.6 (124.7 , 206.1)	1772 (14 %)
Liver						
	Asian	160	187.5 (120.4 , 255)	-27.5 (-95 , 39.6)	-57.2 (-197.9 , 82.7)	11 (6.9 %)
	Black	543	463 (357.7 , 570.7)	80 (-27.7 , 185.3)	91.9 (-31.2 , 212.2)	38 (7 %)
	White	5166	4184.7 (3833.2 , 4536.4)	981.3 (629.6 , 1332.8)	115.9 (74.5 , 157.3)	388 (7.5 %)
	Hispanic	905	548.1 (438.6 , 655.8)	356.9 (249.2 , 466.4)	233.3 (163.1 , 304.6)	122 (13.5 %)
	Non-Hispanic	5056	4361.4 (3968.5 , 4755.3)	694.6 (300.7 , 1087.5)	82.4 (35.8 , 128.8)	332 (6.6 %)
Lung						
	Asian	53	38.8 (16.4 , 61.3)	14.2 (-8.3 , 36.6)	367.1 (-231.4 , 962.3)	7 (13.2 %)
	Black	284	229.7 (174.4 , 285.5)	54.3 (-1.5 , 109.6)	363.5 (-6.5 , 730.3)	38 (13.4 %)

	White	2572	2333.4 (2059.5 , 2607.4)	238.6 (-35.4 , 512.5)	160.7 (-24.7 , 346.2)	244 (9.5 %)
	Hispanic	210	190.4 (136.6 , 245)	19.6 (-35 , 73.4)	147.5 (-244.4 , 533.7)	31 (14.8 %)
	Non-Hispanic	2720	2445.9 (2193.7 , 2698.4)	274.1 (21.6 , 526.3)	177.5 (13.4 , 341.4)	262 (9.6 %)