

**Supplementary Table 2. Impact of dialysis vintage on survival time across BMI quartiles**

Age (yr)	BMI (kg/m <sup>2</sup> )	Model 1		Model 2		Model 3	
		HR (95% CI)	p-value	HR (95% CI)	p-value	HR (95% CI)	p-value
<b>Vintage 1 (&lt;1 yr)</b>							
<65	<19.7	2.78 (2.08–3.70)	<0.001	3.19 (2.38–4.28)	<0.001	2.03 (1.14–3.59)	0.02
	19.7–21.8	2.01 (1.49–2.72)	<0.001	2.19 (1.62–2.97)	<0.001	1.44 (0.80–2.59)	0.23
	21.8–24.2	1.71 (1.25–2.34)	0.001	1.69 (1.23–2.32)	0.001	1.64 (0.93–2.87)	0.09
	≥24.2	Reference					
65–74	<19.7	2.22 (1.67–2.94)	<0.001	2.26 (1.70–3.00)	<0.001	1.00 (0.59–1.69)	0.99
	19.7–21.8	1.61 (1.21–2.15)	0.001	1.61 (1.21–2.15)	0.001	1.25 (0.75–2.09)	0.39
	21.8–24.2	1.47 (1.10–1.95)	0.009	1.44 (1.08–1.92)	0.01	1.48 (0.91–2.41)	0.12
	≥24.2	Reference					
≥75	<19.7	2.22 (1.73–2.87)	<0.001	2.41 (1.87–3.12)	<0.001	1.59 (1.10–2.31)	0.001
	19.7–21.8	1.45 (1.10–1.91)	0.008	1.57 (1.20–2.07)	0.001	1.44 (0.97–2.14)	0.69
	21.8–24.2	1.04 (0.78–1.41)	0.78	1.08 (0.80–1.45)	0.63	0.91 (0.59–1.41)	0.76
	≥24.2	Reference					
<b>Vintage 2 (1–2 yr)</b>							
<65	<19.7	2.41 (1.91–3.04)	<0.001	2.55 (2.02–3.22)	<0.001	2.09 (1.32–3.28)	0.002
	19.7–21.8	1.96 (1.54–2.49)	<0.001	1.99 (1.56–2.53)	<0.001	1.48 (0.92–2.39)	0.11
	21.8–24.2	1.80 (1.41–2.30)	<0.001	1.83 (1.43–2.34)	<0.001	1.80 (1.15–2.80)	0.01
	≥24.2	Reference					
65–74	<19.7	2.51 (2.00–3.17)	<0.001	2.51 (1.99–3.16)	<0.001	1.35 (0.92–2.01)	0.13
	19.7–21.8	1.95 (1.54–2.46)	<0.001	1.97 (1.55–2.49)	<0.001	1.24 (0.84–1.82)	0.29
	21.8–24.2	1.32 (1.04–1.69)	0.03	1.32 (1.03–1.68)	0.03	1.00 (0.68–1.47)	0.995
	≥24.2	Reference					
≥75	<19.7	2.42 (1.97–2.99)	<0.001	2.51 (1.99–3.16)	<0.001	1.89 (1.41–2.54)	<0.001
	19.7–21.8	1.60 (1.28–2.00)	<0.001	1.97 (1.55–2.49)	<0.001	1.36 (1.00–1.84)	0.05
	21.8–24.2	1.22 (0.96–1.55)	0.107	1.32 (1.03–1.68)	0.07	1.08 (0.78–1.51)	0.63
	≥24.2	Reference					
<b>Vintage 3 (2–5 yr)</b>							
<65	<19.7	2.26 (1.96–2.61)	<0.001	2.56 (2.21–2.97)	<0.001	1.72 (1.33–2.22)	<0.001
	19.7–21.8	1.88 (1.62–2.18)	<0.001	2.00 (1.72–2.32)	<0.001	1.48 (1.14–1.91)	0.003
	21.8–24.2	1.51 (1.29–1.76)	<0.001	1.54 (1.32–1.81)	<0.001	1.25 (0.97–1.61)	0.09
	≥24.2	Reference					
65–74	<19.7	2.04 (1.77–2.37)	<0.001	2.10 (1.81–2.43)	<0.001	1.44 (1.12–1.85)	0.004
	19.7–21.8	1.57 (1.35–1.82)	<0.001	1.57 (1.35–1.83)	<0.001	1.47 (1.16–1.85)	0.001
	21.8–24.2	1.38 (1.19–1.61)	<0.001	1.40 (1.21–1.63)	<0.001	1.24 (0.98–1.58)	0.07
	≥24.2	Reference					
≥75	<19.7	1.80 (1.58–2.04)	<0.001	1.87 (1.64–2.13)	<0.001	1.50 (1.26–1.79)	<0.001
	19.7–21.8	1.37 (1.20–1.57)	<0.001	1.40 (1.22–1.60)	<0.001	1.22 (1.02–1.47)	0.03
	21.8–24.2	1.27 (1.11–1.46)	0.001	1.29 (1.12–1.48)	<0.001	1.17 (0.98–1.41)	0.09
	≥24.2	Reference					

All tests were performed by using the baseline quartile of BMI ≥24.2 kg/m<sup>2</sup> as a reference group.

Model 1, crude. Model 2, adjusted for age, sex, and primary renal disease. Model 3, Model 2 + hemoglobin, albumin, and phosphorus.

BMI, body mass index; CI, confidence interval; HR, hazard ratio.