Mihaylova et al, AJKD, "Cost-Effectiveness of Simvastatin Plus Ezetimibe for Cardiovascular Prevention in CKD: Results of the SHARP (Study of Heart and Renal Protection) Trial"

Major vascular events (first and subsequent) (annual rate per 100 participants)										
	Simvastatin plus ezetimibe	Placeno			Rate ratio (95% CI)			Rate ratio (95% CI) per 1- mmol/L reduction in LDL-C		
By 5-year risk of (	CVD									
<10%	57 (1.0)	80 (1.4)	$\leftarrow$	++		0.70 (0.46, 1.06)	•	<del>-  </del>	+	0.69 (0.44, 1.07)
10-20%	220 (3.3)	260 (4.0)		<b>.</b>		0.83 (0.66, 1.04)		<b>#</b>	+	0.81 (0.62, 1.05)
≥20%	765 (11.3)	884 (12.7)		-₩		0.89 (0.77, 1.02)		_ <b>i</b>	+	0.85 (0.70, 1.03)
By CKD stage										
3 <sup>1</sup>	149 (2.9)	200 (4.1)		<u>+</u>		0.71 (0.55, 0.92)				0.71 (0.55, 0.92)
4	220 (4.0)	320 (5.5)		∔∣		0.72 (0.58, 0.90)		_ <b>#</b>		0.73 (0.59, 0.91)
5, not on dialysis	169 (6.9)	187 (7.6)		╧╸┼		0.90 (0.65, 1.26)			<u> </u>	0.87 (0.55, 1.38)
Not on dialysis	538 (4.1)	707 (5.4)	-	<b>i</b> ∔		0.76 (0.66, 0.89)				0.76 (0.64, 0.89)
On dialysis	504 (8.2)	517 (8.6)		<b>∔</b> ∎	-	0.95 (0.79, 1.14)		•	•+	0.92 (0.68, 1.25)
Overall	1042 (5.4)	1224 (6.4)	<	$\Rightarrow$		0.85 (0.75, 0.95) p = 0.006		$\diamond$	>	0.82 (0.72, 0.95) p = 0.006
Heterogeneity between CVD risk groups						$\chi^2_2 = 1.21; p = 0.5$				$\chi^2_2 = 0.77; p = 0.9$
Trend across CKD stages 3, 4, 5 and on dialysis						$\chi_1^2 = 4.85; p = 0.03$				$\chi_1^2 = 2.06; p = 0.2$
Heterogeneity between not on dialysis and on dialysis						$\chi_1^2 = 3.28; p = 0.07$				$\chi^2_1 = 1.29; p = 0.3$
			<b>I</b>				ו		+	
			0.5	1	1.5		0.8	5	1 1.4	
Simvastatin plus ezetimibe better					Placebo better		Simvastatin ezetimibe be	•	Placebo better	

## Figure S2: Effect of allocation to simvastatin plus ezetimibe on all major vascular events in SHARP

CI, confidence interval; CVD, cardiovascular disease; CKD, chronic kidney disease; LDL-C, LDL cholesterol.

<sup>1</sup>83% of participants in this category with chronic kidney disease (CKD) stage 3b (eGFR  $\geq$ 30 to <45 ml/min/1.73m<sup>2</sup>)