Supplement to "the optimal protocol for measuring an albuminuria class transition in clinical trials in diabetic kidney disease"

Authors:

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Figure 1: Magnitude and precision of the drug effect estimate with a single urine collection and different time-intervals between study visits.

Figure 2: Magnitude and precision of the drug effect estimate with a single urine collection and various percentage albuminuria increases *without* a class transition and without a confirmatory visit.

Supplement Figure 1: Magnitude and precision of the drug effect estimate with a single urine collection and different time-intervals between study visits. Solid circles represents the estimate of the treatment effect and the horizontal line indicates the 95% confidence interval.

	No / % of events		Favors	Favors		
	RAASi	Placebo	RAASi	Placebo	Hazard Ratio (95% CI)	
BENEDICT						
6 months	74/14.5	49/21.0	—		0.66 (0.46 - 0.99)	
12 months	39/8.3	28/12.9	⊢		0.61 (0.38 - 1.00)	
ALTITUDE			-			
6 months	850/46.41	1011/54.6	+		0.79 (0.72 - 0.86)	
12 months	710/40.3	863/47.8	⊢		0.78 (0.71 - 0.87)	
IRMA-2			į			
6 months	64/17.2	50/26.3			0.59 (0.41 - 0.86)	
12 months	30/8.6	24/14.0	—		0.52 (0.30 - 0.89)	
		-				
			0.3 0.5 0.8 1	1.2 1.5		
			Hazard ratio (95% CI)			

Supplement Figure 2: Magnitude and precision of the drug effect estimate with a single urine collection and various percentage albuminuria increases *without* a class transition and without a confirmatory visit. Solid circles represents the estimate of the treatment effect and the horizontal line indicates the 95% confidence interval.

	No. / % of	events	Favors	Favors	-avors	
	RAASi	Placebo	RAASi	Placebo	Hazard Ratio (95% CI)	
BENEDICT						
50%	248/48.7	120/51.5	-		0.90 (0.73 - 1.13)	
100%	150/29.5	84/36.1	-	н	0.78 (0.60 - 1.02)	
DIRECT Type 1						
50%	968/62.6	915/58.5		—	1.10 (1.00 - 1,20)	
100%	706/45.7	669/42.8	i-	—	1.08 (0.97 - 1.20)	
DIRECT Type 2						
50%	566/63.4	521/70.2	-		0.80 (0.72 - 0.90)	
100%	425/47.6	469/53.0	──		0.83 (0.73 - 0.94)	
ALTITUDE						
50%	2136/43.4	2939/51.8	⊢		0.82 (0.77 - 0.87)	
100%	1626/39.6	2587/48.7	⊢•		0.80 (0.75 - 0.85)	
IRMA-2						
50%	168/45.2	123/63.7			0.52 (0.41 - 0.66)	
100%	123/33.1	81/42.0			0.66 (0.50 - 0.88)	
			0.5 0.8	1 1.2 1.5		
	Hazard ratio (95% CI)					