

# 1 Supplementary Table 1. Characteristics of patients for each dataset

	Participants in DOPPS4-5 (N=4806)	Participants in primary analysis (n=865)	Participants in sensitivity analysis 1&2 (n=966)	Participants in sensitivity analysis 3 (n=831)
Age, years	65.2 (12.4) (missing, n=28)	65.6 (12.5)	65.7 (12.5) (missing, n=1)	65.7 (12.5)
Male	65.1 (missing, n=32)	61.4	61.7 (missing, n=1)	61.4
Cause of ESRD : diabetes	37.3 (missing, n=287)	36.3	37.3 (missing, n=44)	36.5
History of heart disease	46.0 (missing, n=0)	45.9	47.5 (missing, n=0)	46.3
Haemodialysis vintage, years	3.5 [0.5-9.4] (missing, n=50)	3.6 [0.6-8.3]	3.5 [0.6-8.3] (missing, n=2)	3.6 [0.6-8.3]
IDWL > 5.7% of post-dialytic body weight	7.7 (missing, n=346)	9.6	9.9 (missing, n=32)	9.0
Treatment time, minutes	232.9 (30.1) (missing, n=337)	230.7 (29.3)	231.7 (29.5) (missing, n=32)	231.0 (28.9)
Ultrafiltration rate >10 mL/kg/hr	38.7 (missing, n=420)	43.1	43.3 (missing, n=41)	42.6
Serum albumin, g/dl	3.7 (0.5) (missing, n=301)	3.7 (0.5)	3.7 (0.4) (missing, n=7)	3.7 (0.4)
Serum phosphorus, mg/dL	5.3 (1.4) (missing, n=184)	5.3 (1.3)	5.3(1.3) (missing, n=3)	5.3 (1.3)
CRP, mg/dl	0.12 [0.06-0.40] (missing, n=1758)	0.12 [0.05-0.41] (missing, n=374)	0.12 [0.05-0.42] (missing, n=411)	0.11 [0.05-0.41] (missing, n=369)
Pre-dialysis Hb, g/dl	10.5 (1.3) (missing, n=437)	10.4 (1.2)	10.4 (1.2) (missing, n=0)	10.4 (1.2)
Pre-dialysis systolic BP, mmHg	145.8 (24.0) (missing, n=364)	147.4 (23.9)	147.0 (23.7) (missing, n=46)	147.6 (23.8)
changes in systolic BP before and after dialysis, mmHg	6.8 (24.3) (missing, n=369)	7.8 (23.9)	7.6 (23.7) (missing, n=47)	7.8 (23.6)
Post-dialysis body weight, kg	55.4 (11.7) (missing, n=344)	54.9 (12.0)	55.0 (11.8) (missing, n=31)	55.0 (12.0)
MACEs	14.5	16.8	17.1	16.4

2

3 *Note:* Values for categorical variables are presented as percentage; values for continuous variables

4 are expressed as mean (standard deviation) or median [interquartile range].

5 Abbreviations: J-DOPPS, Japanese Dialysis Outcomes and Practice Pattern Study; ESRD, end-stage

6 renal disease; IDWL, interdialytic weight loss; CRP, C-reactive protein; Hb, hemoglobin; BP, blood

7 pressure; MACEs, major adverse cardiovascular events.

8 \*MACEs included acute myocardial infarction, stroke, and all-cause mortality.

9