Supplemental Table 1: Fried Criteria

Measure	Test	Scoring
Slowness	4 m gait speed	0: speed ≥ 0.8 m/s 1: speed < 0.8 m/s

Weakness	Handgrip strength using a Jamar Hydraulic Dynamometer (Model J00105, LaFayette Instrument Company Inc.).	0: strength > 30 kg (males)
		   strength > 20 kg (females)
		
		1: strength ≤ 30 kg (males)
		   strength ≤ 20 kg (females)

Weight loss	Have you lost weight in the last 12 months unintentionally not due to diet or exercise? If yes, how much weight have you lost in the last 12 months (kilograms)?	0: weight loss ≤ 10 lbs 1: weight loss > 10 lbs
Low physical activity	Physical Activity Scale for the Elderly (PASE) and Paffenbarger Physical Activity Index[19]	0: Paffenbarger Physical Activity Index ≥ 383 kcal kcal/week (males) Paffenbarger Physical Activity Index ≥ 270 kcal kcal/week (females) 1: Paffenbarger Physical Activity Index kcal/week < 383 kcal kcal/week (males) Paffenbarger Physical Activity Index < 270 kcal kcal/week (females)
Exhaustion	Center for Epidemiologic Studies Depression (CES-D) scale: "How often in the last week did you feel that everything was an effort?" and "How often in the last week did you feel that you could not "get going"?"	0: Did not answer "Occasionally" or "Most or all of time" to either question. 1: Answered "Occasionally" or "Most or all of time" to at least one of the questions.

Supplemental Table 2: Short Physical Performance Battery Scoring

Test		Scoring		Total
Chair stand test	The time taken for the participant to rise from sitting in a chair 5 times is measured. The test is completed without using hands on the chair or other tools to help the participant stand	0 1 2 3 4	Unable or >60s ≥16.70s 13.70-16.69s 11.20-13.69 s ≤11.19 s	4 points
Balance tests	Side by side: the participant is asked to stand with both feet side by side and the time is measured.	0 1	Unable or <10 s ≥10s	4 points
	Semi-tandem: the participant is asked to stand with one foot slightly more in front of the other and the time is measured.	0 1	Unable or <10 s ≥10s	
	Tandem: the participant is asked to stand with one foot in front of the other and the time is measured.	0 1 2	Unable or <3s 3.00-9.99s ≥10s	
4 m gait speed test	The time taken for the participant to walk 4 m is measured twice. The average time of the two trials is used to calculate score; Use of a mobility aid in the test was recorded.	0 1 2 3 4	Unable to complete >8.70s 6.21-8.70s 4.82-6.20s <4.82s	4 points
The SPPB is scored from 0 to 4 in 3 sections for a maximum score of 12 and a minimum score of 0. Scores were grouped by normal physical function and frail: score >10 (normal physical function) and score ≤10 (reduced physical function as measure of frailty)[18].				

Supplemental Table 3: **Number of deaths before and after dialysis initiation based on objective and subjective measures of frailty and physical function**

Measure	Death Before Dialysis Initiation N=156	Death After Dialysis Initiation N=70
Fried		
Frail	77 (50.6%)	38 (54.3%)
Non Frail	79 (49.4%)	32 (45.7%)
Short Physical Performance Battery		
Frail	117 (75.0%)	48 (68.6%)
Non Frail	39 (25.0%)	22 (31.4%)
Physician Impression		
Frail	96 (61.5%)	37 (52.9%)
Non Frail	60 (38.5%)	33 (47.1%)
Nurse Impression		
Frail	75 (48.1%)	37 (52.9%)
Non Frail	81 (51.9%)	33 (47.1%)

Supplemental Table 4: Associations of Fried components with dialysis choice and all-cause mortality

Fried Component[a]	Death (N=226)			Dialysis choice (In-Center = 155, Home = 72)[c,d]		
	N (%)	Unadjusted HR (95% CI)	Adjusted[b] HR (95% CI)	N (%)	Unadjusted OR (95% CI)	Adjusted[b] OR (95% CI)
Slowness						
Present	114 (50)	2.94 (2.26-3.82)	1.99 (1.49-2.65)	48 (31)	1.86 (0.95-3.65)	1.48 (0.70-3.15)
Not present	112 (50)	1 (reference)	1 (reference)	107 (69)	1 (reference)	1 (reference)
Weakness						
Present	145 (64)	2.32 (1.77-3.05)	1.61 (1.20-2.18)	76 (49)	1.81 (1.01-3.22)	1.52 (0.82-2.83)
Not present	81 (36)	1 (reference)	1 (reference)	79 (51)	1 (reference)	1 (reference)
Exhaustion						
Present	96 (42)	1.33 (1.02-1.74)	1.42 (1.08-1.85)	72 (46)	1.45 (0.82-2.56)	1.39 (0.77-2.50)
Not present	130 (58)	1 (reference)	1 (reference)	83 (54)	1 (reference)	1 (reference)
Low Physical Activity						
Present	155 (69)	1.57 (1.18-2.07)	1.22 (0.91-1.62)	108 (70)	2.31 (1.29-4.11)	2.15 (1.19-3.86)
Not present	71 (31)	1 (reference)	1 (reference)	47 (30)	1 (reference)	1 (reference)
Weight Loss						
Present	41 (18)	1.40 (0.98-2.01)	1.33 (0.91-1.93)	27 (17)	1.59 (0.68-3.68)	1.52 (0.82-2.83)
Not present	185 (82)	1 (reference)	1 (reference)	128 (83)	1 (reference)	1 (reference)

Abbreviations: HR, Hazard Ratio; OR, Odds Ratio; CI, Confidence Interval
[a]All exposures in models were categorical
[b]Models adjusted for age, sex, and comorbidity count.
[c]Analysis was performed in participants who initiated dialysis for kidney failure.
[d]OR refers to odds of choosing in-center dialysis

Supplemental Table 5: Association of Short Physical Performance Battery components with dialysis choice and all-cause mortality

Model[a]	Death (226)	Dialysis Choice (In-Center = 155, Home = 72)[c,d]
	HR (95% CI)	OR (95% CI)
Chair Stand Unadjusted	3.61 (2.35-5.57)	2.85 (1.55-5.27)
Chair Stand Adjusted*	2.52 (1.61-3.94)	2.61 (1.35-5.09)
Gait Unadjusted	2.79 (2.15-3.62)	2.09 (1.08-4.03)
Gait Adjusted*	1.82 (1.36-2.43)	1.71 (0.82-3.59)
Balance Unadjusted	2.47 (1.89-3.23)	1.47 (0.81-2.68)
Balance Adjusted*	1.85 (1.39-2.46)	1.31 (0.69-2.48)

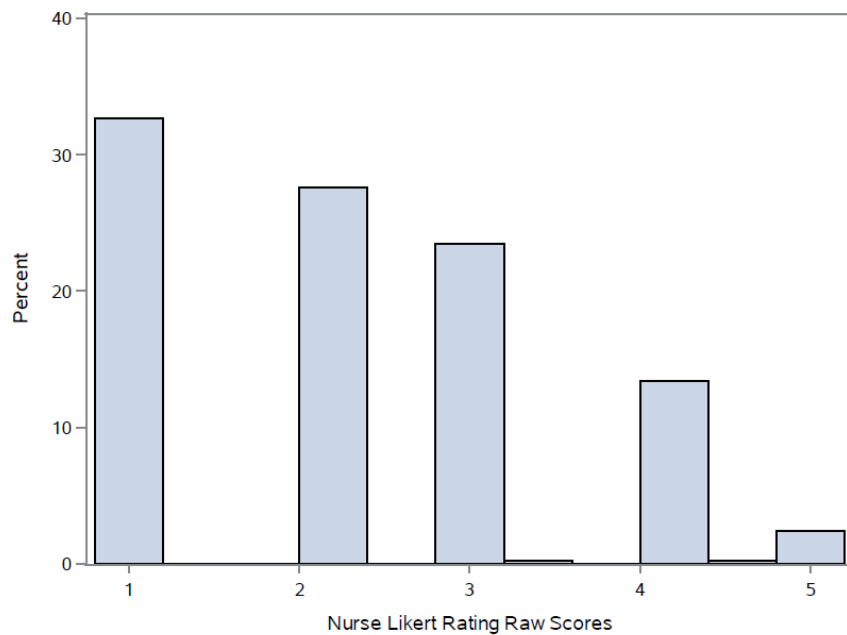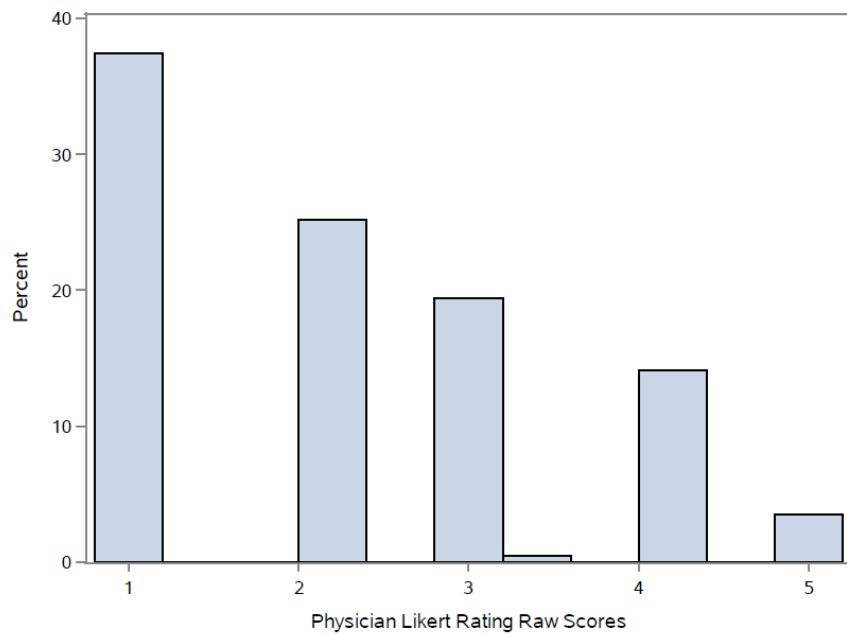Abbreviations: HR, Hazard Ratio; OR, Odds Ratio; CI, Confidence Interval

[a]All exposures were modelled as continuous variables with a range of 0-4 according to SPPB cut-offs(21).

[b]Models adjusted for age, sex, and comorbidity count.

[c]Analysis was performed in participants who initiated dialysis for kidney failure.

[d]OR refers to odds of choosing facility based dialysis

Supplemental Figure 1: Distribution of likert scale responses from physician and nurse impressions of frailty

Supplemental Figure 1. Y-axis represents the percentage of responses corresponding to the Likert scale. X-axis represents the responses. Physicians and nurses were asked "On a scale from 1 to 5, 1 being very fit and 5 being very frail, where would you rate the participant?" Respondents were able to provide scores that were non-whole numbers.