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Supplemental Table 1. Demographic, Transplant, and Dialysis variables and Living Donor Requests	Requested a Donation before Enrollment n = 11 (24%)	Requested a Donation after Enrollment n = 13 (28%)	Did Not Request a Donation n = 22 (48%)	Total N=46 (%)	<i>p</i> value
Age and Sex					
Age mean (Standard Deviation)	51 (13)	56 (13)	57 (15)	55 (14)	0.48
Female Sex	5 (45)	4 (31)	10 (45)	19 (41)	0.66
Language					
English	7 (64)	12 (92)	17 (77)	36 (78)	0.23
Spanish	4 (36)	1 (8)	5 (23)	10 (22)	
Race					
White	1 (9)	3 (23)	6 (27)	10 (22)	0.83
Black	3 (27)	4 (31)	8 (36)	15 (33)	
Hispanic/Latino	6 (55)	5 (39)	6 (27)	17 (37)	
Multi-Ethnic	1 (9)	1 (8)	2 (9)	4 (9)	
Education					
Grade 9 or Less	4 (36)	2 (15)	5 (23)	11 (24)	0.68
High School	6 (55)	9 (69)	12 (55)	27 (59)	
College or Higher	1 (9)	2 (15)	5 (23)	8 (17)	
Eligibility, Wanting, and Asking for a Transplant					
Eligible for Transplant	10 (91)	11 (85)	16 (73)	37 (80)	0.42
Hemodialysis Shift Assignment					
Monday, Wednesday, Friday (MWF)	8 (73)	9 (69)	15 (68)	32 (61)	0.96
Tuesday, Thursday, Saturday (TTS)	3 (27)	4 (31)	7 (32)	14 (39)	
Vintage					
<1 Year	7 (64)	8 (61)	14 (64)	29 (63)	0.99
≥1 Year	4 (36)	5 (39)	8 (36)	17 (37)	
Nephrology Providers (n=3)					
Same Provider	10 (91)	13 (100)	19 (86)	42 (91)	0.38

	Full Model β [SE], <i>p</i> value	
Structural Variables		
edges	-9.36 [2.41], <0.001	-8.76 [2.04], <0.001
GWDegree (0.25)	-0.70 [0.35], 0.046	-0.77 [0.34], 0.02
GWESP (0.55)	0.78 [0.18], <0.001	0.80 [0.18], <0.001
Dialysis Clinic Variables		
TTS (Sociality)	0.44 [0.20], 0.03	0.37 [0.18], 0.04
TTS (Homophily)	3.34 [1.05], <0.001	3.36 [0.98], <0.001
Average Seating Distance (per seat)	-0.30 [0.10], 0.002	-0.31 [0.10], 0.002
Patient Attributes		
Race/Ethnicity		
White (Sociality)	REF	REF
White (Homophily)	-0.53 [1.15], 0.65	-0.43 [1.22], 0.72
Black (Sociality)	0.34 [0.51], 0.51	0.24 [0.48], 0.61
Black (Homophily)	0.33 [0.71], 0.64	0.37 [0.69], 0.59
Hispanic (Sociality)	-0.83 [0.49], 0.09	-0.85 [0.48], 0.07
Hispanic (Homophily)	2.23 [0.70], 0.002	2.29 [0.69], 0.001
Multi (Sociality)	1.28 [0.54], 0.02	1.23 [0.54], 0.02
Multi (Homophily)	-0.04 [1.33], 0.99	-0.13 [1.45], 0.93
Sex		
Female Sex (Sociality)	-0.24 [0.32], 0.46	-0.28 [0.32], 0.37
Sex (Homophily)	0.19 [0.40], 0.64	0.16 [0.39], 0.68
Age		
Age in years (Sociality)	0.01 [0.01], 0.31	0.01 [0.01], 0.18
Age in years (Homophily)	-0.01 [0.01], 0.44	-0.01 [0.01], 0.43
Attributes not in the Final Model		
Dialysis Vintage < 1 year (Sociality)	-0.04 [0.28], 0.90	
Dialysis Vintage < 1 year (Homophily)	-0.21 [0.35], 0.54	
Christian (Sociality)	0.41 [0.35], 0.31	
Christian (Homophily)	-0.22 [0.45], 0.63	
Took Survey in Spanish (Sociality)	-0.02 [0.37], 0.96	
Took Survey in Spanish (Homophily)	0.41 [0.48], 0.39	
Transplant Eligible (Sociality)	-0.04 [0.57], 0.94	
Transplant Eligible (Homophily)	0.14 [0.62], 0.82	
Education < HS (Sociality)		0.09 [0.31], 0.76
Education < HS (Homophily)		0.04 [0.35], 0.91
Transplant Attributes		
Discussed Transplant with other patients (sociality)	0.23 [0.29], 0.43	0.19 [0.28], 0.43
Discussed Transplant with other patients (homophily)	0.71 [0.34], 0.04	0.65 [0.34], 0.05
Requested a Donation (sociality)	0.54 [0.27], 0.045	0.50 [0.26], 0.05
Requested a Donation (homophily)	-0.23 [0.36], 0.52	-0.24 [0.35], 0.49

Model factors		
Null deviance,	14187 df 10234	14187 df 10234
Residual deviance	471 df 10205	474 df 10211
AIC, BIC	529, 738	520, 686

Supplemental Table 2. STERGM model for link prediction. This is the Separable Temporal Exponential Random Graph Model of the variable that are associated with the formation of the hemodialysis clinic social network. We report the beta-coefficients which are the log-odds of the formation of link and the standard error of the coefficients as well as the p value. Edges is the log-odds of a participant forming a link with another participant independent of the other variables and represents the intercept of the model. Geometric Weighted Degree (GWDegree) is the log-odds of a participants with fewer links (i.e lower degree) to form a new link compared those participants with links (i.e. higher degree). Geometric edgewise shared pairs (GWESP) are the log-odds that participants are more likely to link if they already share a link in common with another participant. These effects geometrically diminish as the number of shared links decrease. Sociality represents the propensity of a participant forming a link with any other participant, Homophily represents the propensity of a participant to form a link with another participant with the same attribute. Tuesday, Thursday, Saturday dialysis shift (TTS). High School or less (< HS). Akaike Information Criterion (AIC). Bayesian information criterion (BIC).

Supplemental Table 3. The effects of randomly reversing the result of transplant discussions on the transplant parameter		
	10% (<i>n</i> = 5)	20% (<i>n</i> = 10)
Random Switch 1	0.58 [0.30], 0.05	1.13 [0.35], 0.001
Random Switch 2	0.44 [0.31], 0.15	0.27 [0.29], 0.30
Random Switch 3	0.67 [0.32], 0.03	0.50 [0.30], 0.10
Random Switch 4	0.51 [0.30], 0.09	0.79 [0.29], 0.007
Random Switch 5	0.57 [0.30], 0.06	0.56 [0.07], 0.07

Supplemental Table 3. The effects of randomly reversing the result of transplant discussions on the transplant parameter. To examine the robustness of the model, we performed random data manipulations. We randomly changed participants who had transplant discussions to not having discussions and vice versa for five participants (10% of the data) and then 10 participants (20% of the data), and then we re-estimated the model on using these datasets. Each of these data manipulation procedures was performed five times.