Table A. Univariate and multivariate linear regression analyses between FGF23 and inflammatory markers in the subset of participants with measured 25D levels

	Unadjusted		Model[a]		Model[b]		Model[c]	
	Beta	***p***	**Beta**	***p***	**Beta**	***p***	**Beta**	***p***
LnIL-6								
LnFGF23	0.46	<0.0001	0.33	<0.0001	0.32	<0.0001	0.32	<0.0001
FGF23 Quartile 1	Ref							
FGF23 Quartile 2	0.28	<0.0001	0.18	0.0016	0.18	0.0015	0.18	0.0015
FGF23 Quartile 3	0.40	<0.0001	0.23	0.0002	0.23	0.0002	0.23	0.0002
FGF23 Quartile 4	0.84	<0.0001	0.56	<0.0001	0.56	<0.0001	0.55	<0.0001
LnCRP								
LnFGF23	0.34	<0.0001	0.15	0.0014	0.16	0.0014	0.15	0.0016
FGF23 Quartile 1	Ref							
FGF23 Quartile 2	0.12	0.16	0.02	0.84	0.02	0.84	0.02	0.83
FGF23 Quartile 3	0.25	0.005	0.09	0.30	0.10	0.30	0.09	0.29
FGF23 Quartile 4	0.65	<0.0001	0.30	0.0023	0.30	0.0023	0.30	0.0026
LnTNF-α								
LnFGF23	0.27	<0.0001	0.15	<0.0001	0.15	<0.0001	0.15	<0.0001
FGF23 Quartile 1	Ref							
FGF23 Quartile 2	0.19	<0.0001	0.12	0.01	0.12	0.01	0.12	0.01
FGF23 Quartile 3	0.34	<0.0001	0.18	0.0004	0.18	0.0005	0.18	0.0004
FGF23 Quartile 4	0.57	<0.0001	0.32	<0.0001	0.32	<0.0001	0.32	<0.0001
Fibrinogen								
LnFGF23	0.42	<0.0001	0.11	0.01	0.11	0.0097	0.11	0.01
FGF23 Quartile 1	Ref							
FGF23 Quartile 2	0.21	0.0067	0.01	0.9	0.01	0.9	0.01	0.9
FGF23 Quartile 3	0.40	<0.0001	0.06	0.4	0.06	0.4	0.07	0.4
FGF23 Quartile 4	0.88	<0.0001	0.28	0.0009	0.28	0.0009	0.28	0.001

Model [a]: Adjusted for age, sex, black race, Hispanic ethnicity, diabetes, current smoking, body mass index (BMI), use of statins, eGFR, and urinary albumin to creatinine ratio (UACR).

Model [b]: Adjusted for model [a] plus 25D

Model [c]: Adjusted for model [a] plus 1,25D

P for trend <0.05 for all models

25D, 25-dihydroxyvitamin D; 1,25D, 1,25-dihydroxyvitamin D

Table B. Univariate and multivariate linear regression analyses between FGF23 and inflammatory markers in the subset of participants with measured iGFR

	Unadjusted		Adjusted-Model[a]		Adjusted-Model[b]	
	Beta	***p***	**Beta**	***p***	**Beta**	***p***
LnIL-6						
LnFGF23	0.41	<0.0001	0.25	<0.0001	0.25	<0.0001
FGF23 Quartile 1	Ref					
FGF23 Quartile 2	0.21	0.0006	0.07	0.26	0.06	0.33
FGF23 Quartile 3	0.41	<0.0001	0.20	0.002	0.20	0.002
FGF23 Quartile 4	0.71	<0.0001	0.35	<0.0001	0.35	<0.0001
LnCRP						
LnFGF23	0.32	<0.0001	0.12	0.01	0.14	0.005
FGF23 Quartile 1	Ref					
FGF23 Quartile 2	−0.002	0.98	−0.13	0.13	−0.12	0.17
FGF23 Quartile 3	0.20	0.03	0.05	0.59	0.08	0.41
FGF23 Quartile 4	0.55	<0.0001	0.15	0.15	0.19	0.07
LnTNF-α						
LnFGF23	0.29	<0.0001	0.14	<0.0001	0.13	<0.0001
FGF23 Quartile 1	Ref					
FGF23 Quartile 2	0.25	<0.0001	0.12	0.03	0.10	0.08
FGF23 Quartile 3	0.41	<0.0001	0.17	0.003	0.15	0.008
FGF23 Quartile 4	0.58	<0.0001	0.26	<0.0001	0.24	<0.0001
Fibrinogen						
LnFGF23	0.48	<0.0001	0.12	0.01	0.12	0.01
FGF23 Quartile 1	Ref					
FGF23 Quartile 2	0.16	0.06	−0.04	0.6	−0.05	0.6
FGF23 Quartile 3	0.57	<0.0001	0.14	0.1	0.15	0.09
FGF23 Quartile 4	0.95	<0.0001	0.26	0.005	0.28	0.003

eGFR, estimated glomerular filtration rate.

iGFR, glomerular filtration rate measured directly using ^{125}-I iothalamate clearance.

Model [a]: Adjusted for age, sex, black race, Hispanic ethnicity, diabetes, current smoking, body mass index (BMI), use of statins, **eGFR**, and urinary albumin to creatinine ratio (UACR).

Model [b]: Adjusted the same covariates as model[a] but eGFR was replaced by **iGFR**

P for trend <0.05 for all models except for the association between FGF23 quartiles and LnCRP in model[a] (p for trend = 0.06)