

Table S2: Association of baseline log₁₀-transformed deoxycholic acid (a continuous variable) with baseline bone mineral density (n = 59)

	β -estimate (95% CI)	P-value
Unadjusted	-1.18 (-8.53 to 6.17)	0.8
Model 1	-1.39 (-8.52 to 6.14)	0.7
Model 2	0.90 (-8.86 to 8.66)	0.8
Model 3	1.09 (-6.85 to 9.03)	0.6
Model 4	1.09 (-6.97 to 9.15)	0.8
Model 5	2.15 (-7.10 to 11.40)	0.7

Model 1: unadjusted model + age

Model 2: model 1 + sex, race, sex, race, body mass index, diabetes, hypertension, coronary artery disease

Model 3: model 2 + eGFR

Model 4: model 3 + calcium, phosphate

Model 5: model 4 + intact parathyroid hormone, fibroblast growth factor 23, treatment group (active vs. placebo)