Section 1.D

Depression / low mood

	Depression (n = 81)	No depression (n = 529)	P
Gender	75/502 (14.9%) women – 6/108 (5.6%) men	427/502 (85.1%) women – 102/108 (94.4%) men	0.009
Adjusted calcium (mM)	2.72 (2.65 – 2.80)	2.72 (2.65 – 2.85)	0.559
Calcium (mM)	2.74 (2.66 – 2.83)	2.73 (2.66 – 2.84)	0.952
Peak calcium (mM)	2.85 (2.76 – 2.99)	2.85 (2.75 – 2.99)	0.815
PTH (pM)	12.6 (9.4 – 16.6)	12.1 (9.3 – 17.6)	0.888
Age at diagnosis (years)	68 (59 – 77)	68 (57 – 77)	0.913
Vitamin D (nM)	32 (19 – 48)	31 (22 – 48)	0.760
Phosphate (mM)	0.94 (0.83 – 1.02)	0.89 (0.77 – 1.01)	0.034
Creatinine (µM)	69 (63 – 83)	72 (63 – 87)	0.248
BMI (kg/m^2)	26.9 (23.1 – 32.3)	27.8 (24.5 – 31.7)	0.662
Alkaline phosphatase (U/L)	91 (75 – 114)	95 (79 – 115)	0.304
SIMD rank (out of 6976)	3733 (1685 – 5758)	3733 (1685 – 5758)	0.103

	B (SE)	LOWER CI	OR	UPPER CI	P
Intercept	-2.761 (0.642)				
Male gender	-0.973 (0.444)	0.142	0.378	0.836	0.028
Phosphate	1.131 (0.672)	0.837	3.098	11.721	0.093