

## Section 2.C

### Cardiovascular disease at presentation

	CV disease (n = 102)	No CV disease (n = 509)	P
Gender	77/503 (15.3%) women – 25/108 (23.1%) men	426/503 (84.7%) women – 83/108 (76.9%) men	0.047
Adjusted calcium (mM)	2.73 (2.65 – 2.85)	2.72 (2.64 – 2.84)	0.709
Calcium (mM)	2.73 (2.67 – 2.86)	2.73 (2.66 – 2.84)	0.742
Peak calcium (mM)	2.84 (2.76 – 3.02)	2.85 (2.75 – 2.98)	0.771
PTH (pM)	12.6 (9.9 – 18.5)	12.1 (9.3 – 17.1)	0.275
Age at diagnosis (years)	74 (66 – 82)	66 (56 – 76)	<0.001
Vitamin D (nM)	31 (22 – 43)	31 (21 – 48)	0.723
Phosphate (mM)	0.93 (0.80 – 1.02)	0.89 (0.77 – 1.01)	0.309
Creatinine (µM)	79 (68 – 101)	70 (62 – 84)	<0.001
BMI (kg/m <sup>2</sup> )	27.2 (23.1 – 30.5)	27.9 (24.5 – 32.0)	0.136
Alkaline phosphatase (U/L)	92 (75 – 120)	95 (79 – 114)	0.776
SIMD rank (out of 6976)	4015 (2010 – 5599)	4444 (2467 – 6216)	0.172

	B (SE)	LOWER CI	OR	UPPER CI	P
Intercept	-4.095 (1.278)				
Male gender	0.679 (0.354)	1.006	1.971	3.771	0.043
Age	0.049 (0.013)	1.025	1.050	1.078	<0.001
BMI	-0.041 (0.024)	0.913	0.960	1.005	0.090
Creatinine	0.008 (0.006)	0.997	1.001	1.021	0.139
SIMD rank	-0.0001 (0.00006)	0.9997	0.9999	1.0000	0.044