

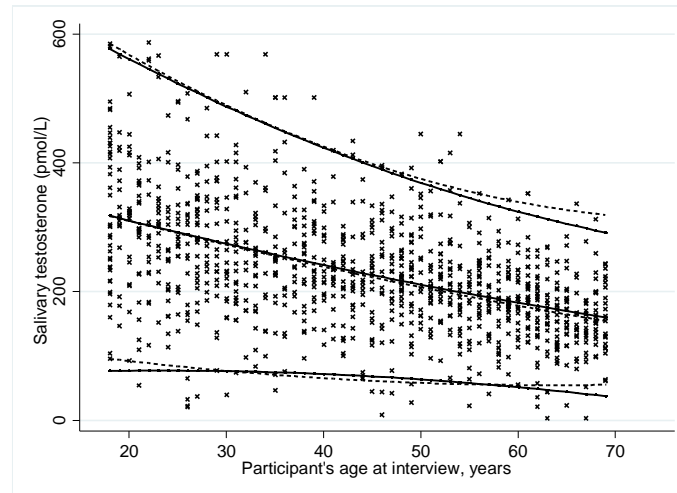
Appendix figure 1: Distribution of salivary testosterone in men (A) and women (B) in the general population with exclusions*

Curves created using linear regression (solid line) for the fitted mean (men) or geometric mean (women), 2.5th and 97.5th percentiles, and quantile regression (dashed line) for the median, 2.5th percentile and 97.5th percentile.

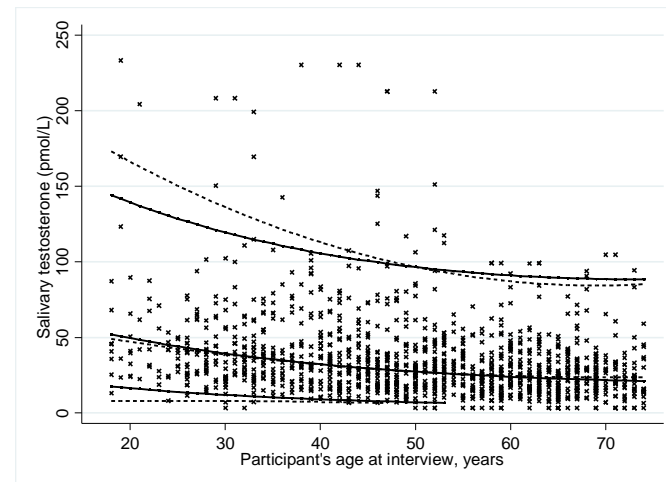
Observed values (x) of 1074 men and 1276 women are displayed

* Men with a body mass index (BMI) <18.5 or >30 kg/m² and women with a BMI <18.5 or >40 kg/m²; prostate cancer, prostate enlargement, prostate surgery; polycystic ovaries; treatment for cancer, thyroid, testicular/ovarian or pituitary conditions in the past year; medication for epilepsy; women reporting both hysterectomy and HRT use; HRT; and hormonal contraception. All self-reported. See 'study population' section of methods for further details of exclusion criteria.

A) Men



B) Women



Appendix table 1: Mean and median salivary testosterone (sal-T) by age group and gender in the general population with exclusions*

	sal-T (pmol/l)				denominator	
	mean	sd	median	(IQR)	unwt	wt
Men						
18-24	310.5	108.3	308.1	(246.3-372.4)	150	195
25-34	273.9	102.1	270.9	(246.3-372.4)	195	270
35-44	237.8	82.3	231	(195.1-286.5)	174	269
45-54	218.8	77.6	215.7	(172.8-262.6)	215	278
55-64	181.8	63.7	181.8	(140.1-222.5)	232	231
65-69	162.6	53.9	155.7	(130.6-190.1)	108	83
All aged 18-69	237.5	96.9	228.2	(173.8-293.8)	1074	1326
Women						
18-24	61.8	40.8	50.6	(36.1-87.2)	44	56
25-34	45.9	31.2	38.8	(27.2-58.7)	177	179
35-44	40.4	32	31.8	(20.6-49.3)	223	226
45-54	35.5	28.9	29.0	(19.0-40.7)	294	274
55-64	27.6	17.6	23.3	(16.5-35.4)	292	236
65-74	27.4	19	24.3	(15.1-33.2)	246	163
All aged 18-74	36.6	28.9	29.6	(19.2-44.2)	1276	1134

IQR=Interquartile range (25-75th percentiles)

* Men with a body mass index (BMI) <18.5 or >30 kg/m² and women with a BMI <18.5 or >40 kg/m²; prostate cancer, prostate enlargement, prostate surgery; polycystic ovaries; treatment for cancer, thyroid, testicular/ovarian or pituitary conditions in the past year; medication for epilepsy; women reporting both hysterectomy and HRT use; HRT; and hormonal contraception. All self-reported. See 'study population' section of methods for further details of exclusion criteria.

Appendix table 2: Salivary testosterone 2.5th and 97.5th percentiles for men and women at selected years of age (linear regression)

Selected Age (years)	General population		General population with exclusions	
	2.5 th percentile	97.5 th percentile	2.5 th percentile	97.5 th percentile
Men				
18	91	589	82	567
20	88	573	81	554
25	81	534	78	522
30	75	497	75	491
35	69	462	71	460
40	63	430	68	430
45	57	400	66	401
50	52	373	63	372
55	47	348	60	344
60	43	325	57	317
65	39	305	54	291
69	36	290	52	270
Women				
18	13	181	18	144
20	12	171	16	139
25	11	149	14	129
30	10	132	12	119
35	9	119	10	112
40	8	110	9	106
45	7	103	8	101
50	7	101	7	97
55	*	98	*	93
60	*	98	*	91
65	*	96	*	90
70	*	95	*	89
74	*	96	*	89

*<6.5pmol/l