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Parental midlife body shape influences offspring self-perception of weight in a cohort of Australian adults. [Supplementary Material](#)

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Supplementary Material

The following table provides a comparison of demographic variables for male and female participants for overall Stage 2 (first follow-up biomedical examination), Telephone Follow Up 2 (second follow-up survey) and Stage 3 (second follow-up biomedical examination), North West Adelaide Health Study.

DEMOGRAPHICS (self-reported)	STAGE 2 (2004-06) (overall n=3564)				TEL FOLLOW UP 2 (2007) (overall n=2996)				STAGE 3 (2008-10) (overall n=2871)			
	Males		Females		Males		Females		Males		Females	
	n	%	n	%	n	%	n	%	n	%	n	%
Age												
20 to 29 years	99	5.9	90	4.8	58	4.2	46	2.9	34	2.5	28	1.8
30 to 39 years	240	14.3	263	13.9	166	12.0	188	11.7	130	9.7	146	9.5
40 to 49 years	339	20.3	437	23.1	277	20.0	351	21.8	251	18.8	311	20.2
50 to 59 years	348	20.8	431	22.8	289	20.9	372	23.1	298	22.3	364	23.7
60 to 69 years	312	18.6	311	16.5	304	22.0	311	19.3	305	22.9	322	20.9
70 years and over	336	20.1	358	18.9	289	20.9	345	21.4	316	23.7	366	23.8
Marital status												
Married/defacto	1048	67.7	1030	60.2	983	71.1	1004	62.2	904	71.9	920	63.3
Separated/ divorced	211	13.6	261	15.3	179	12.9	229	14.2	157	12.5	208	14.3
Widowed	97	6.3	256	15.0	83	6.0	246	15.3	76	6.0	205	14.1
Never married	184	11.9	158	9.2	138	10.0	134	8.3	120	9.5	117	8.1
Work status												
Full time employed	754	48.7	419	24.5	708	51.2	423	26.2	647	51.6	401	27.7
Part time/casual employed	140	9.0	403	23.6	110	8.0	388	24.1	93	7.4	324	22.4
Unemployed	42	2.7	32	1.9	35	2.5	21	1.3	19	1.5	21	1.5
Home duties	14	0.9	381	22.3	6	0.4	145	9.0	5	0.4	96	6.6
Retired	532	34.4	418	24.4	473	34.2	548	34.0	431	34.4	509	35.2
Student	16	1.0	13	0.8	3	0.2	12	0.7	4	0.3	6	0.4
Other	41	2.6	35	2.0	48	3.5	74	4.6	55	4.4	91	6.3
Highest educational qualification obtained												
Up to secondary	586	37.9	1009	59.0					526	41.8	895	61.6
Trade/apprenticeship	402	26.0	52	3.0					100	8.0	107	7.4
Certificate/diploma	337	21.8	394	23.0	<i>not asked</i>				411	32.7	215	14.8
Bachelor degree or higher	201	13.0	227	13.3					218	17.3	231	15.9
Don't know	12	0.8	18	1.1					-	-	-	-
Gross annual household income												
Up to \$12,000	150	9.7	224	13.1					20	1.6	39	2.7
\$12,001 to \$20,000	199	12.9	263	15.4					148	11.8	207	14.2
\$20,001 to \$40,000	385	24.9	424	24.8	<i>not asked</i>				287	22.8	363	25.0
\$40,001 to \$60,000	329	21.3	298	17.4					221	17.6	198	13.6
\$60,001 to \$80,000	189	12.2	197	11.5					170	13.5	169	11.6
More than \$80,000	234	15.1	210	12.3					352	28.0	331	22.8

Supplementary Table A1: Demographics of participants (Stage 2, Telephone Follow Up 2 & Stage 3 - North West Adelaide Health Study)

The following table provides a comparison of demographic variables for baseline (Stage 1) participants (n=4056) and for the Analysis Sample (n=2710) for adult offspring (unweighted), North West Adelaide Health Study.

	MALES				FEMALES			
	Baseline		Analysis Sample		Baseline		Analysis Sample	
	n	%	n	%	n	%	n	%
DEMOGRAPHICS (self-reported)								
Age								
18 to 29 years	238	12.3	111	8.8	228	10.7	97	6.7
30 to 39 years	306	15.8	203	16.1	370	17.4	241	16.7
40 to 49 years	391	20.2	281	22.2	484	22.8	352	24.3
50 to 59 years	380	19.7	286	22.6	415	19.5	331	22.9
60 to 69 years	304	15.7	217	17.2	318	15.0	244	16.9
70 years and over	313	16.2	166	13.1	309	14.5	181	12.5
Marital status								
Married or living with partner	1208	62.5	863	68.3	1253	59.0	908	62.8
Separated/ divorced	262	13.6	169	13.4	317	14.9	208	14.4
Widowed	110	5.7	53	4.2	265	12.5	178	12.3
Never married	344	17.8	176	13.9	274	12.9	144	10.0
Work status								
Full time employed	942	48.8	695	55.0	489	23.0	349	24.1
Part time/casual employed	173	9.0	97	7.7	517	24.3	371	25.7
Unemployed	91	4.7	47	3.7	55	2.6	29	2.0
Home duties	17	0.9	12	0.9	538	25.3	357	24.7
Retired	570	29.5	342	27.1	395	18.6	271	18.7
Student	51	2.6	25	2.0	51	2.4	23	1.6
Other	72	3.7	40	3.2	52	2.4	30	2.1
Highest educational qualification obtained								
Up to secondary	642	33.2	382	30.2	1107	52.1	744	51.5
Trade/apprenticeship	601	31.1	401	31.7	83	3.9	50	3.5
Certificate/diploma	416	21.5	288	22.8	586	27.6	412	28.5
Bachelor degree or higher	210	10.9	162	12.8	263	12.4	184	12.7
Other	11	0.6	10	0.8	11	0.5	9	0.6
Gross annual household income								
Up to \$12,000	214	11.1	93	7.4	363	17.1	215	14.9
\$12,001 to \$20,000	283	14.6	164	13.0	333	15.7	231	16.0
\$20,001 to \$40,000	531	27.5	351	27.8	498	23.4	343	23.7
\$40,001 to \$60,000	416	21.5	304	24.1	383	18.0	284	19.6
\$60,001 to \$80,000	185	9.6	136	10.8	223	10.5	167	11.5
More than \$80,000	205	10.6	164	13.0	193	9.1	130	9.0
WEIGHT MEASURES (measured)								
BMI								
Underweight <18.50	12	0.6	4	0.3	32	1.5	21	1.5
Normal 18.50-24.99	515	26.7	280	22.2	776	36.5	519	35.9
Pre-obese 25.00-29.99	886	45.9	601	47.5	674	31.7	474	32.8
Obese1 30.00-34.99	377	19.5	267	21.1	368	17.3	258	17.8
Obese2 35.00-39.99	102	5.3	81	6.4	185	8.7	121	8.4
Obese3 40.00+	40	2.1	31	2.5	87	4.1	51	3.5

	MALES				FEMALES			
	Baseline		Analysis Sample		Baseline		Analysis Sample	
	n	%	n	%	n	%	n	%
WC								
Normal WC M<94cm, F<80 cm	707	36.6	429	33.9	720	33.9	486	33.6
Overweight WC M94- 101cm, F80-87cm	523	27.1	356	28.2	482	22.7	329	22.8
Obese WC M>=102cm, F>=88cm	701	36.3	479	37.9	920	43.3	630	43.6
Total	1932	100.0	1264	100.0	2124	100.0	1446	100.0

Supplementary Table A2: Demographics of participants at baseline (Stage 1) and the Analysis Sample (North West Adelaide Health Study)

The following table provides the self-reported perception of weight (asked in Telephone Follow Up 2, 2007) versus the measured body mass index (BMI) and waist circumference (WC) of male and female participants from Stage 2 (2004-2006) in the North West Adelaide Health Study.

WEIGHT MEASURE	SELF-PERCEPTION								
	Too thin/ a little thin		Normal weight		A little overweight		Very overweight		Total (n=1264, 100%)
	n	%	n	%	n	%	n	%	n
BMI - MALES									
Males									
Underweight <18.50	4	100.0	0	0.0	0	0.0	0	0.0	4
Normal 18.50-24.99	55	19.6	178	63.6	46	16.4	1	0.4	280
Overweight 25.00-29.99	8	1.3	215	35.8	361	60.1	17	2.8	601
Obese 30.00+	4	1.1	27	7.1	244	64.4	104	27.4	379
Females									
Underweight <18.50	15	65.2	8	34.8	0	0.0	0	0.0	23
Normal 18.50-24.99	45	9.5	323	68.0	103	21.7	4	0.8	475
Overweight 25.00-29.99	9	1.8	131	26.5	327	66.2	27	5.5	494
Obese 30.00+	0	0.0	25	5.5	252	55.5	177	39.0	454
WC - MALES									
Males									
Normal WC <94cm	55	14.4	228	59.5	99	25.8	1	0.3	383
Overweight WC 94-101cm	8	2.4	129	38.1	191	56.3	11	3.2	339
Obese WC >=102cm	8	1.5	60	11.3	355	66.6	110	20.6	533
Females									
Normal WC <80 cm	53	12.9	271	66.1	83	20.2	3	0.7	410
Overweight WC 80-87cm	13	4.1	109	34.6	182	57.8	11	3.5	315
Obese WC >=88cm	3	0.4	103	14.5	414	58.2	191	26.9	711

Supplementary Table A3: Self-perception of weight and measured BMI & WC of participants (Stage 2, Telephone Follow Up 2 - North West Adelaide Health Study)