

**Table S1. Quartiles of BMI by quartiles of waist circumference, DXA fat mass and leptin concentration**

		BMI quartiles								
Other adiposity		1 <sup>st</sup>		2 <sup>nd</sup>		3 <sup>rd</sup>		4 <sup>th</sup>		
measures' quartiles		n	%	n	%	n	%	n	%	
<b>Waist circumference</b>										
	1 <sup>st</sup>	1,346	<b>71.0</b>	522	27.6	86	4.5	1	0.1	
	2 <sup>nd</sup>	488	25.7	900	<b>47.5</b>	458	24.2	22	1.2	
	3 <sup>rd</sup>	61	3.2	463	24.5	1,053	<b>55.6</b>	306	16.1	
	4 <sup>th</sup>	1	0.1	9	0.5	297	15.7	1,567	<b>82.7</b>	
<b>Dxa total fat*</b>										
	1 <sup>st</sup>	1,241	<b>68.9</b>	491	27.2	73	4.0	0	0.0	
	2 <sup>nd</sup>	516	28.6	898	<b>49.8</b>	382	21.2	10	0.6	
	3 <sup>rd</sup>	45	2.5	410	22.7	1,097	<b>60.8</b>	253	14.0	
	4 <sup>th</sup>	0	0.0	5	0.3	253	14.0	1,546	<b>85.5</b>	
<b>Leptin*</b>										
	1 <sup>st</sup>	693	<b>54.1</b>	432	33.9	158	12.3	8	0.7	
	2 <sup>nd</sup>	426	33.3	483	<b>37.9</b>	292	22.8	47	4.0	
	3 <sup>rd</sup>	132	10.3	293	23.0	569	<b>44.4</b>	239	20.5	
	4 <sup>th</sup>	29	2.3	66	5.2	262	20.5	871	<b>74.8</b>	

\*log transformed