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Fatty acid metabolism and associations with insulin sensitivity differs between black and white South African women

Supplementary Table 1. Dietary fatty acid intake

	Black (n=46)	White (n=46)	P level
Energy intake (MJ)	11.13 (8.78-15.68)	9.05 (7.06-11.70)	0.012
Total Fat (g)	104 (72-149)	79 (60-97)	0.005
Saturated fat (g)	29 (19-43)	26 (19-33)	0.238
Monounsaturated fat (g)	35 (24-47)	27 (21-34)	0.016
Polyunsaturated fat (g)	30 (21-44)	16 (11-23)	<0.001
n-3 polyunsaturated fatty acids (g)	0.9 (0.6-1.5)	0.8 (0.6-0.9)	0.041
n-6 polyunsaturated fatty acids (g)	28 (120-42)	14 (9-22)	<0.001
n-6/n-3 ratio	30.8 (25.5-42.3)	18.4 (13.9-24.4)	<0.001
<i>Dietary fatty acid profile (% total energy intake)</i>			
Myristic acid (14:0)	0.74 ± 0.30	1.10 ± 0.30	<0.001
Pentadecanoic acid (15:0)	0 ± 0	0 ± 0	0.868
Palmitic acid (16:0)	5.2 ± 1.2	5.6 ± 1.4	0.210
Palmitoleic acid (16:1n-7)	0.55 ± 0.20	0.54 ± 0.22	0.812
Heptadecanoic acid (17:0)	0.01 ± 0.01	0.00 ± 0.00	<0.001
Stearic acid (18:0)	2.6 ± 0.6	2.6 ± 0.9	0.610
Oleic acid (18:1n-9)	10.7 ± 2.4	10.3 ± 2.4	0.470
Linoleic acid (18:2n-6)	10.1 ± 3.0	6.2 ± 2.3	<0.001
α-linolenic acid (18:3n-3)	0.21 ± 0.08	0.27 ± 0.09	0.003
Arachidonic acid (20:4n-6)	0.05 ± 0.02	0.04 ± 0.02	<0.001
Eicosapentaenoic acid (20:5n-3)	0.04 ± 0.04	0.02 ± 0.01	<0.001
Docosahexaenoic acid (22:6n-3)	0.09 ± 0.07	0.05 ± 0.05	0.005
n-6 fatty acids	10.1 ± 3.0	6.3 ± 2.3	<0.001
n-3 fatty acids	0.34 ± 0.14	0.34 ± 0.12	0.850

Values are percentages presented as mean ± standard deviation or median (25th-75th percentile).