

## Comparison of metabolic syndrome prevalence using four different definitions – a population-based study in Finland

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Additional file 4.

Prevalence of IDF metabolic syndrome components for total population, by gender and age groups

<b>Total population and 95% CI identified with IDF obesity component (waist circumference (WC) M: 94 cm, F: 80 cm) (%)</b>	<b>Age groups</b>	<b>IDF WC component, men (%)</b>	<b>95% CI</b>	<b>IDF WC component, women (%)</b>	<b>95% CI</b>
68.1 (66.9-69.3)	<b>Total</b>	63.4	61.5-65.2	72.0	70.4-73.6
	<b>25-34</b>	32.2	27.7-37.1	45.9	41.3-50.6
	<b>35-44</b>	52.5	47.7-57.2	61.3	56.9-65.5
	<b>45-54</b>	64.7	60.3-68.9	72.2	68.3-75.8
	<b>55-64</b>	75.2	71.6-78.5	81.0	77.7-83.9
	<b>65-74</b>	75.9	72.0-79.4	82.4	79.2-85.2
	<b>75-</b>	72.9	66.9-78.2	84.8	80.8-88.1
<b>Total population and 95% CI identified with IDF triglyceride component (TG ≥ 150 mg/dl (1.7 mmol/L)) (%)</b>	<b>Age groups</b>	<b>IDF triglyceride component, men (%)</b>	<b>95% CI</b>	<b>IDF triglyceride component, women (%)</b>	<b>95% CI</b>
22.9 (21.8-24.0)	<b>Total</b>	28.8	27.1-30.6	17.8	16.5-19.2
	<b>25-34</b>	18.0	14.4-22.2	6.5	4.5-9.2
	<b>35-44</b>	27.3	23.3-31.7	9.3	7.0-12.2
	<b>45-54</b>	42.0	37.6-46.5	17.8	14.8-21.2
	<b>55-64</b>	31.5	27.9-35.3	23.7	20.5-27.2
	<b>65-74</b>	27.2	23.5-31.2	22.9	19.7-26.4
	<b>75-</b>	18.6	14.2-24.1	24.4	20.3-29.0
<b>Total population and 95% CI identified with IDF HDL-C component M: HDL-C &lt; 40 mg/dl (1.03 mmol/l) F: HDL-C &lt; 50 mg/dl (1.3 mmol/l) (%)</b>	<b>Age groups</b>	<b>IDF HDL-C component, men (%)</b>	<b>95% CI</b>	<b>IDF HDL-C component, women (%)</b>	<b>95% CI</b>
17.8 (16.8-18.8)	<b>Total</b>	15.5	14.2-16.9	19.8	18.4-21.2
	<b>25-34</b>	15.5	12.2-19.5	16.4	13.2-20.2
	<b>35-44</b>	16.4	13.2-20.2	22.5	19.0-26.4
	<b>45-54</b>	16.2	13.2-19.8	19.8	16.7-23.3
	<b>55-64</b>	14.9	12.3-18.0	17.2	14.4-20.4
	<b>65-74</b>	16.4	13.5-19.8	18.8	15.9-22.1
	<b>75-</b>	12.3	8.7-17.1	26.3	22.1-31.0
<b>Total population and 95% CI identified with IDF blood pressure (BP) component (≥130/85 or medication) (%)</b>	<b>Age groups</b>	<b>IDF BP component, men (%)</b>	<b>95% CI</b>	<b>IDF BP component, women (%)</b>	<b>95% CI</b>
65.5 (64.3-66.7)	<b>Total</b>	71.8	70.0-73.5	60.0	58.3-61.7
	<b>25-34</b>	45.8	40.8-50.9	17.3	14.0-21.1
	<b>35-44</b>	54.6	49.8-59.3	29.4	25.6-33.6

	<b>45-54</b>	69.3	65.0-73.3	57.7	53.5-61.8
	<b>55-64</b>	81.4	78.1-84.3	71.0	67.3-74.4
	<b>65-74</b>	89.8	86.9-92.1	86.5	83.6-89.0
	<b>75-</b>	85.2	80.1-89.2	93.0	89.9-95.2
<b>Total population and 95% CI identified with IDF glucose component (FPG <math>\geq</math> 100 mg /dl (5.6 mmol/l) or T2DM diagnoses) (%)</b>	<b>Age groups</b>	<b>IDF glucose component, men (%)</b>	<b>95% CI</b>	<b>IDF glucose component, women (%)</b>	<b>95% CI</b>
50.3 (49.0-51.6)	<b>Total</b>	60.1	58.2-62.0	42.0	40.3-43.8
	<b>25-34</b>	40.2	35.3-45.3	11.3	8.7-14.6
	<b>35-44</b>	47.5	42.8-52.3	19.7	16.4-23.4
	<b>45-54</b>	59.2	54.7-63.5	38.1	34.1-42.2
	<b>55-64</b>	65.8	61.9-69.5	47.2	43.3-51.1
	<b>65-74</b>	73.8	69.9-77.4	63.4	59.5-67.1
	<b>75-</b>	71.6	65.5-77.0	69.6	64.7-74.1

IDF=International Diabetes Federation, WC= waist circumference, HDL-C= high density lipoprotein cholesterol, TGs= triglycerides, BP= blood pressure, T2DM= type 2 diabetes mellitus, FPG= fasting plasma glucose