

SUPPLEMENTARY DATA

**Supplementary Table 1.** Other baseline characteristics of women with a history of GDM.

	Normal glucose (n=779)	Pre-diabetes (n=401)			Diabetes (n=83)	P value
		Isolated IGT <sup>b</sup> (n=128)	Isolated IFG <sup>b</sup> (n=171)	IGT and IFG (n=102)		
Fasting glucose (mmol/l)	4.98 ± 0.4	5.10 ± 0.3	5.93 ± 0.3	6.05 ± 0.4	7.64 ± 2.2	<0.001
2-h glucose (mmol/l)	5.93 ± 1.0	8.74 ± 0.8	6.34 ± 0.9	9.21 ± 0.8	14.1 ± 3.0	<0.001
Serum fasting insulin <sup>a</sup>	5.95 (0.75-29.7)	8.18 (1.98-29.0)	7.62 (0.40-32.7)	9.96 (2.96-33.7)	8.98 (0.89-62.8)	<0.001
Serum 2-h insulin <sup>a</sup>	33.6 (1.49-300)	72.9 (4.85-222)	39.4 (4.22-208)	78.1 (11.8-294)	61.5 (3.51-300)	<0.001
HOMA_β <sup>†a</sup>	84.3 (29.8-307)	93.8 (43.4-181)	69.0 (34.5-140)	74.0 (21.9-177)	59.5 (6.10-146)	<0.001
HOMA_S <sup>†a</sup>	125 (32.0-696)	95.2 (47.2-274)	96.4 (36.8-216)	77.9 (19.0-422)	69.4 (21.2-324)	<0.001
HOMA_IR <sup>†a</sup>	0.80 (0.10-3.10)	1.05 (0.40-2.10)	1.00 (0.50-2.70)	1.30 (0.20-5.30)	1.40 (0.30-4.70)	<0.001
Current smoking (%)	2.05	0.78	2.92	0.98	2.41	0.670
Passive smoking (%)	52.8	51.6	55.6	55.9	61.4	0.568
Current alcohol drinkers (%)	21.3	20.3	21.1	25.5	25.3	0.783
Education (%)						0.045
<13 years	20.2	21.1	24.0	29.4	34.9	
13–16 years	71.7	71.1	67.8	67.6	60.2	
≥16 years	8.10	7.81	8.19	2.94	4.82	
Family Income category (%)						0.001
<5000 yuan/month	25.2	25.0	26.5	39.2	41.0	
5000–7999 yuan/month	37.0	33.6	44.1	29.4	36.1	
≥8000 yuan/month	37.9	41.4	29.4	31.4	22.9	
Leisure time physical activity (%)						0.522
0 min/day	77.8	77.3	78.9	87.3	79.5	
1–29 min/day	20.2	19.5	18.1	12.7	18.1	

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≥30 min/day	2.05	3.13	2.92	0.00	2.41	
Sedentary time (hours/d)	3.14 ± 2.1	3.28 ± 1.8	3.40 ± 2.1	3.25 ± 2.4	3.55 ± 2.3	0.339
Dietary intakes <sup>‡</sup>						
Fiber (g/day)	10.4 ± 4.1	10.7 ± 4.1	10.8 ± 4.5	9.83 ± 3.7	10.5 ± 4.5	0.350
Saturated fat (g/day)	8.83 ± 3.9	9.59 ± 4.5	8.99 ± 3.7	8.90 ± 4.4	9.11 ± 4.1	0.386
Monounsaturated fat (g/day)	14.8 ± 5.5	15.9 ± 6.4	15.1 ± 5.5	15.0 ± 5.7	15.7 ± 6.3	0.199
Polyunsaturated fat (g/day)	13.2 ± 5.8	14.1 ± 6.7	14.0 ± 7.0	12.7 ± 5.6	13.4 ± 5.2	0.189

Data were means ± SD, median (range), or percentage. One-Way ANOVA was used to assess the total differences. <sup>a</sup> Comparisons were performed on logarithmic scale.

<sup>b</sup> IGT, impaired glucose tolerance; IFG, impaired fasting glucose.

<sup>†</sup> The Homeostasis model assessment (HOMA) models were used to estimate β-cell secretory function (HOMA-%β), insulin resistance (HOMA-IR) and insulin sensitivity (HOMA-%S).

<sup>‡</sup> Dietary intakes are assessed by 3-day 24-h food records.