

**Supplementary Table 3: Characteristics (n (%)) of GeliS study participants according to pre-pregnancy BMI categories (normal weight as reference category) (n = 1583).**

	Normal weight n = 1047 (66.1%)	Overweight n = 352 (22.2%)	Obesity n = 184 (11.6%)	<i>p</i> *
<b>Maternal characteristics</b>				
Pre-pregnancy BMI, mean ± SD	21.8 ± 1.8	26.9 ± 1.4	33.7 ± 3.0	<.0001
GWG (kg), mean ± SD	14.7 ± 4.5	14.0 ± 5.7	11.0 ± 6.7	<.0001
Excessive GWG	373 (35.6)	234 (66.5)	115 (62.5)	<.0001
Parity				
0	622 (59.4)	194 (55.1)	114 (62.0)	
1	348 (33.2)	131 (31.0)	57 (31.1)	0.56
≥ 2	77 (7.4)	27 (7.7)	13 (7.1)	
<b>Demographic factors</b>				
Age, mean ± SD	30.3 ± 4.4	30.4 ± 4.2	30.6 ± 4.8	<.0001
Educational level				
High School or others	571 (54.5)	230 (65.3)	129 (70.1)	<.0001
University	476 (45.5)	122 (34.7)	55 (29.9)	
Married	686 (65.5)	247 (70.2)	124 (67.4)	0.27
Living alone	37 (3.6)	8 (2.3)	2 (1.1)	0.13
<b>Lifestyle and metabolic factors</b>				
Alcohol consumption	315 (30.1)	109 (31.0)	57 (31.0)	0.94
Smoking	51 (4.9)	17 (4.8)	12 (6.5)	0.63
Low level of physical activity <sup>°</sup>	524 (50.1)	182 (51.7)	96 (52.2)	0.79
Gestational diabetes mellitus	70 (7.0)	34 (9.9)	51 (28.3)	<.0001
<b>Psychological factors</b>				
Antenatal history of anxiety / depressive symptoms <sup>°°</sup>	424 (66.1)	154 (43.8)	82 (44.6)	0.40

\**p*-value for differences between pre-pregnancy obesity categories using the Kruskal-Wallis test for continuous variables and the  $\chi^2$  test for categorical variables.

<sup>°</sup> Assessed by the Pregnancy Physical Activity Questionnaire (PPAQ) before the end of the 12<sup>th</sup> week of gestation.

<sup>°°</sup> Assessed by the Patient Health Questionnaire for Depression and Anxiety (PHQ)-4 before the end of the 12<sup>th</sup> week of gestation. Abbreviations: BMI: body mass index; GWG: Gestational weight gain (as defined by the IOM).