Supplementary Table SI. Comparison of maternal characteristics between participants excluded and included.

Characteristics	Included (n = 652) Mean (SD) or Median* (IQR) or N (%)	Excluded (n = 380) Mean (SD) or Median* (IQR) or N (%)
Age, (years)	30.6 (3.7)	31.1 (3.9)
Ethnicity		
Chinese	493 (75.6%)	250 (65.8%)
Malay	83 (12.7%)	76 (20.0%)
Indian	54 (8.3%)	41 (10.8%)
Others	22 (3.4%)	13 (3.4%)
Maternal college, degree		
Yes	433 (66.4%)	202 (55.0%)
Nulliparity		
Yes	412 (63.2%)	244 (64.2%)
Cycle length, days		
<28	28 (4.3%)	17 (4.5%)
28–30	302 (46.3%)	163 (42.9%)
>30	322 (49.4%)	200 (52.6%)
Cycle regularity (variation of menstrual interval ≤ 5 days)		
Yes	432 (66.3%)	223 (60.8%)
Age at menarche, years	12.4 (1.5)	12.3 (1.3)
Age at menarche		
<12 years	174 (27.0%)	83 (22.7%)
12–13 years	336 (52.1%)	218 (59.7%)
>13 years	135 (20.9%)	64 (17.5%)
BMI at study entry		
<18.5 kg/m^2	321 (49.4%)	141 (39.8%)
18.5–22.9 kg/m^2	64 (9.8%)	20 (5.6%)
23.0–27.4 kg/m^2	162 (24.9%)	105 (29.7%)
≥27.5 kg/m^2	103 (15.8%)	88 (24.9%)
SBP, mmHg	104.3 (9.2)	106.6 (10.4)
DBP, mmHg	68.0 (8.0)	69.3 (9.0)
Fasting plasma glucose level ≥5.1 mmol/L at study entry		
Yes	111 (17.1%)	97 (27.5%)
Physical activity		
Inactive	100 (15.4%)	64 (17.9%)
Minimally active	328 (50.5%)	177 (49.6%)
HEPA active	221 (34.1%)	116 (32.5%)
Micronutrient dietary supplements intake		
Yes	430 (66.0%)	244 (64.2%)
Smoking exposure		
Past or current	54 (8.3%)	53 (14.8%)
Alcohol intake		
Past or current	458 (70.2%)	237 (62.4%)
Anxiety (STAI score ≥ 75th percentile)		
Yes	150 (25.2%)	74 (28.5%)

Supplementary Table SI. Continued

Characteristics	Included (n = 652) Mean (SD) or Median* (IQR) or N (%)	Excluded (n = 380) Mean (SD) or Median* (IQR) or N (%)
Depression (EPDS score $\geq$ 14)		
Yes	57 (9.5%)	23 (8.7%)
Retinal microvascular features		
CRAE*, μm	119.0 (113.1, 125.0)	117.0 (111.3, 123.4)
CRVE*, μm	171.5 (163.2, 180.3)	170.2 (162.0, 179.7)
DF-a*, $\times 10^{-1}$ Df	12.5 (12.1, 12.8)	12.4 (12.1, 12.7)
DF-v*, $\times 10^{-1}$ Df	12.2 (11.9, 12.5)	12.2 (11.9, 12.6)
BA-a*, degree	79.6 (73.0, 85.4)	79.8 (72.2, 84.6)
BA-v*, degree	79.1 (73.0, 84.8)	78.7 (73.1, 84.1)
Pregnancy within 1 year		
Yes	276 (42.3%)	180 (47.4%)
Attempting to conceive before study entry*, months	3.1 (4.0)	16.5 (22.6)

SBP, systolic blood pressure; DBP, diastolic blood pressure; HEPA, health enhancing physical activity; STAI, state trait anxiety inventory; EPDS, Edinburgh postnatal depression scale; CRAE, central retinal arteriolar equivalent; CRVE, central retinal venular equivalent; DF-a, fractal dimension-arteriole; DF-v, fractal dimension-venule; BA-a, branching angle-arteriole; BA-v, branching angle-venule.

*Median and interquartile range is applied in describing the retinal microvascular features and months attempting to conceive before study entry because these variables are not normally distributed.