

Table S1. Relation between GL, Carbohydrate Intake, GI and the number of high-quality oocytes and embryos in strata of vegetable intake.

	Vegetable Intake < 13 servings/week						Vegetable intake ≥ 13 servings/week					
	N. of good-quality oocytes			N. of good-quality embryos			N. of good-quality oocytes			N. of good-quality embryos		
	Median	Q1	Q3	Median	Q1	Q3	Median	Q1	Q3	Median	Q1	Q3
Glycemic Load												
1 st Quartile	5.0	2.0	7.0	1.0	0.0	3.0	5.0	3.0	8.0	1.0	0.0	2.0
2 nd Quartile	5.0	3.0	8.0	2.0	1.0	4.0	6.0	3.0	9.0	1.0	1.0	3.0
3 rd Quartile	4.0	3.0	7.0	2.0	0.0	3.0	5.0	3.0	8.0	2.0	1.0	4.0
4 th Quartile	4.0	2.0	6.0	1.0	0.0	3.0	5.0	2.0	7.0	1.0	0.0	3.0
Carbohydrate Intake (g/d)												
1 st Quartile	5.0	2.0	7.0	1.0	0.0	3.0	5.0	3.0	9.0	1.0	0.0	2.0
2 nd Quartile	5.0	3.0	7.0	1.0	0.0	3.0	6.0	3.0	10.0	2.0	1.0	4.0
3 rd Quartile	4.0	3.0	7.0	2.0	1.0	4.0	5.0	3.0	7.0	2.0	1.0	4.0
4 th Quartile	4.0	2.0	7.0	1.5	0.5	3.0	5.0	2.0	8.0	1.0	0.0	3.0
Glycemic Index												
1 st Quartile	6.0	4.0	8.0	2.0	1.0	4.0	5.0	3.0	8.0	1.0	0.0	3.0
2 nd Quartile	4.0	3.0	7.0	1.0	0.0	3.0	6.0	3.0	7.0	2.0	1.0	4.0
3 rd Quartile	4.0	2.0	6.5	1.5	1.0	3.0	5.0	2.0	9.0	1.0	0.0	2.0
4 th Quartile	4.5	2.0	7.5	2.0	0.0	3.0	5.0	2.0	9.0	2.0	1.0	4.0

Q: Quartile.

Table S2. Relation between GL, Carbohydrate Intake, GI and the number of high-quality oocytes and embryos in strata of BMI.

	BMI < 25 (Kg/m ²)						BMI ≥ 25 (Kg/m ²)					
	N. of good-quality oocytes			N. of good-quality embryos			N. of good-quality oocytes			N. of good-quality embryos		
	Median	Q1	Q3	Median	Q1	Q3	Median	Q1	Q3	Median	Q1	Q3
Glycemic Load												
1 st Quartile	5.0	3.0	8.0	1.0	0.0	3.0	4.0	2.0	7.0	1.0	0.0	3.0
2 nd Quartile	5.0	3.0	9.0	2.0	1.0	4.0	5.0	3.0	10.0	1.0	1.0	3.0
3 rd Quartile	5.0	3.0	7.0	2.0	0.0	3.0	4.0	3.0	7.0	2.0	2.0	4.0
4 th Quartile	4.0	2.0	7.0	1.0	0.0	3.0	5.0	2.0	9.0	1.0	0.0	3.0
Carbohydrate Intake (g/d)												
1 st Quartile	5.0	3.0	8.0	1.0	0.0	3.0	4.0	2.0	7.0	1.0	0.0	3.0
2 nd Quartile	5.0	3.0	9.0	2.0	1.0	4.0	4.5	3.0	10.5	1.5	0.5	4.5
3 rd Quartile	4.0	3.0	7.0	2.0	0.0	3.0	4.0	3.0	7.0	2.0	1.0	4.0
4 th Quartile	4.0	2.0	7.0	1.5	0.0	3.0	5.0	2.0	9.0	1.0	1.0	3.0
Glycemic Index												
1 st Quartile	6.0	3.0	8.0	2.0	1.0	3.0	3.5	2.0	7.5	1.0	0.0	2.5
2 nd Quartile	4.0	3.0	7.0	1.0	0.0	3.0	6.0	4.0	9.0	2.0	0.0	4.0
3 rd Quartile	4.0	2.0	7.0	1.0	1.0	3.0	3.5	2.0	7.5	1.0	0.0	3.0
4 th Quartile	5.0	2.0	8.0	2.0	0.0	3.0	4.5	3.0	7.5	2.0	1.0	3.0

Q: Quartile.

Figure S1. Flow Chart. FFQ: Food Frequency Questionnaire; ET: Embryo Transfer

