



**Table S1.** Components of Canadian adaptation of Healthy Eating Index, range of scores and scoring criteria.

| Component                   | Maximum | Scoring criteria (daily servings) * |                       |  |
|-----------------------------|---------|-------------------------------------|-----------------------|--|
|                             | Points  | Minimum score                       | Maximum score         |  |
| Adequacy †                  | 60      |                                     |                       |  |
| Total vegetables and fruits | 10      | 0                                   | 4 to 10 servings      |  |
| Whole fruits                | 5       | 0                                   | 0.8 to 2.1 servings   |  |
| Dark green and orange       | 5       | 0                                   | 0.8 to 2.1 servings   |  |
| vegetables                  |         |                                     |                       |  |
| Total grain products        | 5       | 0                                   | 3 to 8 servings       |  |
| Whole grains                | 5       | 0                                   | 1.5 to 4 servings     |  |
| Milk and alternatives       | 10      | 0                                   | 2 to 4 servings       |  |
| Meat and alternatives       | 10      | 0                                   | 1 to 3 servings       |  |
| Unsaturated fats            | 10      | 0                                   | 30 to 45 grams/day §  |  |
| Moderation ‡                | 40      |                                     |                       |  |
| Saturated fats              | 10      | ≥15% of total energy                | ≤7% of total energy   |  |
|                             |         | intake                              | intake                |  |
| Sodium                      | 10      | twice the UL (4600                  | AI or less (≤1500 mg) |  |
|                             |         | mg)                                 |                       |  |
| Other foods                 | 20      | ≥40% of total energy                | ≤5% of total energy   |  |
|                             |         | intake                              | intake                |  |

Adapted from Garriguet D. (2009); UL, Upper Intake limit; AI, Adequate intake. \* according to age and sex, as specified in Canada's Food Guide. † for adequacy components, 0 points for minimum intake or less, 5, 10 or 20 for maximum intake or more, and proportional for amounts between minimum and maximum. ‡ for moderation components, 10 or 20 points for minimum intake or less, 0 points for maximum intake or more, and proportional for amounts between minimum and maximum. § Refers only to the amount of unsaturated fats added directly to food during cooking or through salad dressings and does not represents total dietary intake of unsaturated fats.





**Table S2.** Frequency of nausea and vomiting among participants.

|                      |               | N (%)         |               |  |
|----------------------|---------------|---------------|---------------|--|
|                      | 1st trimester | 2nd trimester | 3rd trimester |  |
| Experienced nausea   | 70 (88.6)     | 26 (32.9)     | 16 (20.3)     |  |
| >2 times/day         | 37 (46.8)     | 3 (3.8)       | 0             |  |
| 1 time/day           | 10 (12.7)     | 1 (1.3)       | 5 (6.3)       |  |
| 3 to 6 times/week    | 10 (12.7)     | 6 (7.6)       | 1 (1.3)       |  |
| 1 to 2 times/week    | 2 (2.5)       | 6 (7.6)       | 2 (2.5)       |  |
| Occasionally         | 10 (12.7)     | 4 (5.1)       | 4 (5.1)       |  |
| Rarely               | 1 (1.3)       | 6 (7.6)       | 4 (5.1)       |  |
| Experienced vomiting | 25 (31.7)     | 15 (19.0)     | 2 (2.5)       |  |
| >2 times/day         | 2 (2.5)       | 1 (1.3)       | 0             |  |
| 1 time/day           | 4 (5.1)       | 0             | 0             |  |
| 3 to 6 times/week    | 1 (1.3)       | 1 (1.3)       | 0             |  |
| 1 to 2 times/week    | 2 (2.5)       | 4 (5.1)       | 0             |  |
| Occasionally         | 10 (12.7)     | 3 (3.8)       | 1 (1.3)       |  |
| Rarely               | 6 (7.6)       | 6 (7.6)       | 1 (1.3)       |  |





**Table S3.** Food cravings and aversions among participants.

|                     |   | N (%)           |                 |              |
|---------------------|---|-----------------|-----------------|--------------|
|                     |   | 1 <sup>st</sup> | 2 <sup>nd</sup> | $3^{\rm rd}$ |
|                     | Foods included in each category                     | trimester       | trimester       | trimester    |
| Number of women who |   | 44 (55.7)       | 33 (41.8)       | 25 (31.7)    |
| reported cravings   |   |                 |                 |              |
| Sweet               | Chocolate, sweets, ice cream, soft drinks, desserts | 23 (29.1)       | 22 (27.8)       | 20 (25.3)    |
| Fruit               | Fruit, fruit juice                                  | 11 (13.9)       | 13 (16.5)       | 8 (10.1)     |
| Dairy               | Milk, yoghurt, cheese, cream                        | 17 (21.5)       | 5 (6.3)         | 5 (6.3)      |
| Proteins            | Meat, poultry, fish, eggs                           | 6 (7.6)         | 3 (3.8)         | 4 (5.1)      |
| Carbohydrates       | Cereal, bread, pasta, potatoes                      | 13 (16.5)       | 4 (5.1)         | 2 (2.5)      |
| Salty snacks        | Crisps, hummus, nuts, olives, condiments            | 17 (21.5)       | 5 (6.3)         | 5 (6.3)      |
| Pickles             | Pickles   | 4 (5.1)         | 0               | 0            |
| Fast food           | Pizza, burgers, fries, sushi, poutine               | 14 (17.7)       | 5 (6.3)         | 4 (5.1)      |
| Vegetables          | Vegetables, salads, soups                           | 8 (10.1)        | 5 (6.3)         | 2 (2.5)      |
| Number of women who |   | 50 (63.3)       | 28 (35.4)       | 17 (21.5)    |
| reported aversions  |   |                 |                 |              |
| Sweet               | Chocolate, sweets, ice cream, soft drinks, desserts | 6 (7.6)         | 0               | 1 (1.3)      |
| Fruit               | Fruit, fruit juice                                  | 0               | 0               | 1 (1.3)      |
| Dairy               | Milk, yoghurt, cheese, cream                        | 3 (3.8)         | 0               | 0            |
| Proteins            | Meat, poultry, fish, eggs                           | 33 (41.8)       | 22 (27.8)       | 14 (17.7)    |
| Carbohydrates       | Cereal, bread, pasta, potatoes                      | 2 (2.5)         | 0               | 0            |
| Salty snacks        | Crisps, hummus, nuts, olives, condiments            | 10 (12.7)       | 4 (5.1)         | 2 (2.5)      |
| Coffee and alcohol  | Coffee, beer, wine, liquor                          | 9 (11.4)        | 4 (5.1)         | 3 (3.8)      |
| Fast food           | Pizza, burgers, fries, sushi, poutine               | 3 (3.8)         | 0               | 2 (2.5)      |
| Vegetables          | Vegetables, salads, soups                           | 14 (17.7)       | 3 (3.8)         | 2 (2.5)      |





Table S4. Proportions of vitamin- and mineral-supplement users among participants.

|  |               | Proportion (%)            |                           |  |
|--|---------------|---------------------------|---------------------------|--|
|  | 1st trimester | 2 <sup>nd</sup> trimester | 3 <sup>rd</sup> trimester |  |
| ≥1 supplement (all types)                      | 86.1          | 84.8                      | 78.5                      |  |
| Number of supplements (all types) taken during |               |                           |                           |  |
| pregnancy                                      |               |                           |                           |  |
| 0  | 13.9          | 15.2                      | 21.5                      |  |
| 1  | 68.4          | 74.7                      | 64.6                      |  |
| 2  | 10.1          | 6.3                       | 11.4                      |  |
| 3 (Maximum)                                    | 7.6           | 3.8                       | 2.5                       |  |
| Type of supplements most commonly taken        |               |                           |                           |  |
| Multivitamins                                  | 74.7          | 77.2                      | 70.9                      |  |
| Folic acid supplement                          | 16.5          | 7.6                       | 5.1                       |  |
| Vitamin D supplement                           | 7.6           | 5.1                       | 3.8                       |  |
| Iron supplement                                | 1.3           | 0                         | 5.1                       |  |
| Omega-3 supplement (mostly EPA-DHA)            | 5.1           | 3.8                       | 5.1                       |  |