Table S1. Comparison of characteristics of participants and non-participants and South Australian (SA) pregnancy outcome data for 2013.

|                               |      | Participant Non-Participants (n = 1450) (n = 662) |            | SA Pregnancy Outcome 2013<br>(n = 19,925) |      |      |      |      |      |
|-------------------------------|------|---|------------|---|------|------|------|------|------|
|                               | %    |   | ,,<br>6 CI | %   |      | 6 CI | %    |      | % CI |
| Maternal age (yrs)            |      |   |            |   |      |      |      |      |      |
| <25                           | 13.1 | 11.4  | 14.8       | 22.1                                      | 18.9 | 25.3 | 17.8 | 17.2 | 18.4 |
| 25–29                         | 32.6 | 30.2  | 35.0       | 29.2                                      | 25.7 | 32.7 | 29.4 | 28.7 | 30.1 |
| 30+                           | 54.1 | 51.5  | 56.7       | 47.7                                      | 43.9 | 51.5 | 52.7 | 51.7 | 53.7 |
| Maternal education            |      |   |            |   |      |      |      |      |      |
| High school/vocational        | 48.8 | 46.2  | 51.4       | 64.8                                      | 61.2 | 68.4 | N/A  |      |      |
| Some a university or graduate | 50.8 | 48.2  | 53.4       | 34.9                                      | 31.3 | 38.5 |      |      |      |
| IRSAD <sup>b</sup> deciles    |      |   |            |   |      |      |      |      |      |
| IRSAD deciles 1-2             | 19.1 | 17.1  | 21.1       | 27.9                                      | 24.5 | 31.3 | N/A  |      |      |
| IRSAD deciles 3-4             | 20.8 | 18.7  | 22.9       | 21.9                                      | 18.7 | 25.1 |      |      |      |
| IRSAD deciles 5-6             | 19.7 | 17.7  | 21.7       | 15.9                                      | 13.1 | 18.7 |      |      |      |
| IRSAD deciles 7-8             | 18.7 | 16.7  | 20.7       | 17.5                                      | 14.6 | 20.4 |      |      |      |
| IRSAD deciles 9-10            | 21.3 | 19.2  | 23.4       | 13.7                                      | 11.1 | 16.2 |      |      |      |
| Mother's country of birth     |      |   |            |   |      |      |      |      |      |
| Australia/New Zealand         | 71.4 | 69.1  | 73.7       | 63.1                                      | 59.4 | 66.8 | 76.5 | 75.4 | 77.6 |
| UK                            | 3.6  | 2.6   | 4.6        | 3.8                                       | 2.3  | 5.3  | 2.5  | 2.3  | 2.7  |
| China                         | 7.6  | 6.2   | 9.0        | 2.3                                       | 1.2  | 3.4  | 2.2  | 2.0  | 2.4  |
| India                         | 3.4  | 2.5   | 4.3        | 11.5                                      | 9.1  | 13.9 | 4.0  | 3.7  | 4.3  |
| Rest of Asia                  | 7.2  | 5.9   | 7.3        | 10.7                                      | 8.3  | 13.1 | 6.4  | 6.1  | 6.7  |
| Other                         | 6.1  | 4.9   | 7.3        | 7.9                                       | 5.8  | 10.0 | 5.8  | 5.5  | 6.1  |

<sup>&</sup>lt;sup>a</sup> Commenced but did not complete University. <sup>b</sup> IRSAD: Index of Relative Socio-Economic Advantage and Disadvantage with decile 1 = most disadvantaged and 10 = most advantaged BF.

Table S2 Sensitivity analysis: Factors independently associated with breastfeeding at 12 months and 24 months postpartum with age of return to work removed

| Characteristics                       |      | 2 months <sup>a</sup><br>: 1141) | BF at 24months <sup>a</sup><br>(n = 1281) |           |  |
|---------------------------------------|------|----------------------------------|---|-----------|--|
|                                       | AOR  | 95%CI                            | AOR                                       | 95%CI     |  |
| Maternal characteristics              |      |                                  |   |           |  |
| Age (years)                           |      |                                  |   |           |  |
| <25                                   | 0.49 | 0.24-0.99                        | 0.50                                      | 0.15-1.60 |  |
| 25–34                                 | 0.84 | 0.57 - 1.24                      | 0.64                                      | 0.37-1.13 |  |
| ≥35                                   | 1.00 |                                  | 1.00                                      |           |  |
| Highest level of education            |      |                                  |   |           |  |
| High school/vocational                | 1.00 |                                  | 1.00                                      |           |  |
| Some a university or graduate         | 2.23 | 1.57-3.16                        | 1.17                                      | 0.66-2.08 |  |
| Country of birth                      |      |                                  |   |           |  |
| Australian & New Zealand              | 1.00 |                                  | 1.00                                      |           |  |
| UK/Ireland                            | 0.53 | 0.21-1.32                        | 1.78                                      | 0.61-5.20 |  |
| India                                 | 0.84 | 0.49 - 1.46                      | 1.96                                      | 0.88-4.36 |  |
| China                                 | 1.55 | 0.75-3.21                        | 1.57                                      | 0.43-5.75 |  |
| Other Asia                            | 1.06 | 0.59-1.89                        | 3.31                                      | 1.58-6.93 |  |
| Other                                 | 1.46 | 0.77-2.75                        | 1.79                                      | 0.78-4.13 |  |
| Pre-pregnancy BMI (kg/m²)             |      |                                  |   |           |  |
| <25                                   | 1.00 |                                  | 1.00                                      |           |  |
| ≥25                                   | 0.57 | 0.41-0.79                        | 0.66                                      | 0.38-1.15 |  |
| Parity                                |      |                                  |   |           |  |
| Primiparous                           | 1.00 |                                  | 1.00                                      |           |  |
| Multiparous                           | 1.43 | 1.03-1.99                        | 1.01                                      | 0.61-1.68 |  |
| Partner's feeding preference          |      |                                  |   |           |  |
| Prefers breastfeeding                 | 1.78 | 1.25-2.52                        | 1.57                                      | 0.86-2.87 |  |
| Prefers formula feeding or ambivalent | 1.00 |                                  | 1.00                                      |           |  |
| Child characteristics                 |      |                                  |   |           |  |
| Age received complementary foods      |      |                                  |   |           |  |
| Before 17 weeks                       | 0.44 | 0.24-0.79                        | 0.62                                      | 0.25-1.54 |  |
| Between 17 and 25 weeks               | 0.65 | 0.39-1.08                        | 0.77                                      | 0.39-1.55 |  |
| At 26 weeks or later                  | 1.00 |                                  | 1.00                                      |           |  |
| Age received formula                  |      |                                  |   |           |  |
| Before 4 weeks                        | 0.04 | 0.03-0.07                        | 0.21                                      | 0.12-0.39 |  |
| Between 4 and 7 weeks                 | 0.03 | 0.01 - 0.05                      | 0.08                                      | 0.02-0.35 |  |
| Between 8 and 15 weeks                | 0.05 | 0.02-0.09                        | 0.14                                      | 0.05-0.42 |  |
| Between 16 and 25 weeks               | 0.05 | 0.03-0.10                        | 0.38                                      | 0.17-0.85 |  |
| At 26 weeks or later                  | 0.15 | 0.08 - 0.28                      | 0.20                                      | 0.07-0.53 |  |
| Never received formula                | 1.00 |                                  | 1.00                                      |           |  |

<sup>&</sup>lt;sup>a</sup> Commenced but did not complete University. AOR adjusted odds ratio, BMI= Body Mass Index.

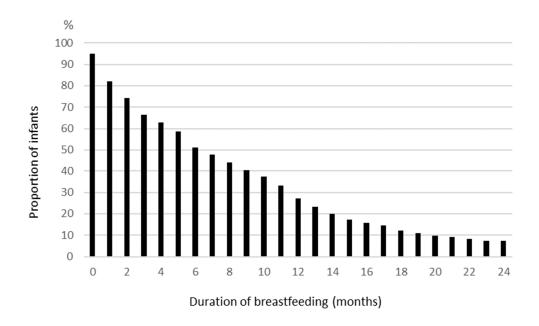


Figure S1. Proportion of children breastfed to each month of age.