Supplemental Table 1. Websites and webpages used to host questionnaire

| Eumom |
| :--- |
| Mummy Pages |
| Recession Busting Moms |
| Schooldays |
| Fulltimemum |
| HerFamily |
| Magicmum |
| Wonderbaba |
| Fiona O'Farrell Nurturing Child Development |

Supplemental Table 2. Estimated associations between (ORs and 95\%CIs) parental experience and key socio-demographic variables with parental knowledge.

|  | Dependent variable: |  |
| :--- | :---: | :---: |
|  | Knowledge of <br> correct definition <br> of fever temperature <br> $38^{\circ} \mathrm{C}$ | Do you <br> alternate <br> between fever <br> reducing <br> medications <br> (no) |
|  | $(1)$ | $(2)$ |
| Years of parenting experience | $0.99(0.98,1.01)$ | $1.01(0.99,1.03)$ |
| Age (years) | $0.98(0.94,1.01)$ | $1.05(1.02,1.10)$ |
| Female (vs. male) | $0.88(0.42,1.76)$ | $1.40(0.64,2.88)$ |
| Any 3rd level education (vs none) | $0.69(0.42,1.12)$ | $1.49(0.92,2.40)$ |
| Has a partner (vs. none) | $0.48(0.20,1.02)$ | $0.94(0.45,1.88)$ |
| Constant | $13.78(2.77,72.62)$ | $0.20(0.04,1.04)$ |
| Observations | 800 | 792 |
| Log Likelihood | -518.03 | -466.30 |
| Akaike Inf. Crit. | $1,048.05$ | 944.60 |

Supplemental Table 3. Estimated associations between (ORs and 95\%CIs) parental experience and key socio-demographic variables with parental knowledge.

|  | Dependent variable: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Every child with a fever needs fever reducing medications (false) (1) | Every child with a fever needs antibiotics (false) <br> (2) | Antibiotics are used to treat infections caused by bacteria (true) <br> (3) | Antibiotics are used to treat infections caused by viruses (false) <br> (4) | In all cases of fever there is an infection (false) (5) |
| Years of parenting experience | 0.99 (0.98, 1.01) | 1.01 (0.99, 1.03) | 0.97 (0.94, 1.01) | 1.02 (0.99, 1.06) | 1.01 (0.99, 1.03) |
| Age (years) | 0.98 (0.94, 1.01) | 1.05 (1.02, 1.10) | 1.08 (1.01, 1.16) | 0.94 (0.89, 0.99) | 1.03 (0.99, 1.07) |
| Female (vs. male) | 0.88 (0.42, 1.76) | 1.40 (0.64, 2.88) | 1.18 (0.19, 4.19) | 0.18 (0.08, 0.42) | 1.05 (0.52, 2.29) |
| Any 3rd level education (vs none) | 0.69 (0.42, 1.12) | 1.49 (0.92, 2.40) | $1.74(0.73,3.74)$ | 0.45 (0.24, 0.89) | 0.61 (0.39, 0.99) |
| Has a partner (vs. none) | 0.48 (0.20, 1.02) | $0.94(0.45,1.88)$ | 0.72 (0.11, 2.52) | 0.60 (0.25, 1.65) | 0.77 (0.39, 1.58) |
| Constant | 13.78 (2.77, 72.62) | 0.20 (0.04, 1.04) | $1.00(0.05,27.60)$ | 1.26 (1.06, 117.08) | 0.24 (0.05, 1.23) |
| Observations | 798 | 799 | 799 | 798 | 799 |
| Log Likelihood | -550.70 | -145.93 | -172.06 | -229.36 | -474.98 |
| Akaike Inf. Crit. | 1,113.39 | 303.86 | 356.13 | 470.73 | 961.97 |

