

Table S1. Likelihood of Breastfeeding either infant by mode of delivery

Events	No./Total (%)					
	Planned Cesarean Delivery (n=1285) [*]			Planned Vaginal Delivery (n=1285) [*]		
	Any Cesarean Delivery (n=1163)	Only Vaginal Delivery (n=120)	Total (n=1285)	Any Cesarean Delivery (n=548)	Only Vaginal Delivery (n=736)	Total (n=1285)
Breastfed either baby at any time	976 (83.92%)	107 (89.17%)	1084 (84.36%)	487 (88.87%)	622 (84.51%)	1110 (86.38%)
Still breast feeding at completion of questionnaire	675 (69.16%)	72 (67.29%)	747 (68.91%)	326 (66.94%)	442 (71.06%)	769 (69.28%)
Missing	5 (0.43%)	1 (0.83%)	6 (0.47%)	4 (0.73%)	3 (0.41%)	7 (0.54%)
Still breast feeding at 3 mos.	724 (74.18%)	80 (74.77%)	804 (74.17%)	359 (73.72%)	478 (76.85%)	838 (75.50%)
Stopped breast feeding	234 (23.98%)	26 (24.30%)	260 (23.99%)	116 (23.82%)	136 (21.86%)	252 (22.70%)
Missing	18 (1.84%)	1 (0.93%)	20 (1.85%)	12 (2.46%)	8 (1.29%)	20 (1.80%)
Stopped breast feeding <15 days	32/234 (13.68%)	0/26 (0.00%)	32/260 (12.31%)	22/116 (18.97%)	23/136 (16.91%)	45/252 (17.86%)
Median days (5 th -95 th ile) either infant was breastfed	95.0 (23.0-234.0)	96.50 (33.0-226.0)	95.0 (25.0-229.0)	96.00 (15.0-224.0)	94.00 (21.0-191.0)	95.0 (16.0-205.0)
missing	18 (1.84%)	1 (0.99%)	20 (1.85%)	12 (2.46%)	8 (1.29%)	20 (1.80%)

^{*} Cases where mode of delivery is unknown (CS group = 2, VB group = 1)

Table S2. Maternal Quality of Life, Fatigue and Depression by mode of delivery

Events	No./Total (%)					
	Planned Cesarean Delivery (n=1285) [‡]			Planned Vaginal Delivery (n=1285) [‡]		
	Any Cesarean Delivery (n=1163)	Only Vaginal Delivery (n=120)	Total (n=1285)	Any Cesarean Delivery (n=548)	Only Vaginal Delivery (n=736)	Total (n=1285)
Maternal Quality of Life (SF36 [†])	Mean ± SD	Mean ± SD	Mean ± SD	Mean ± SD	Mean ± SD	Mean ± SD
Physical	51.7 ± 7.2	53.0 ± 6.7	51.8 ± 7.1	50.8 ± 7.7	52.2 ± 7.5	51.6 ± 7.6
Mental	46.9 ± 10.8	45.4 ± 11.1	46.7 ± 10.9	44.8 ± 11.7	46.8 ± 10.9	46.0 ± 11.3
Missing	26	1	27	15	10	25
Maternal Quality of Life (SF36 [†])	Mean ± SD	Mean ± SD	Mean ± SD	Mean ± SD	Mean ± SD	Mean ± SD
Physical Functioning [missing]	51.0 ± 8.0 [4]	51.6 ± 6.8 [0]	51.1 ± 7.9 [4]	50.3 ± 8.3 [2]	51.5 ± 7.8 [0]	51.0 ± 8.0 [2]
Physical Role [missing]	46.4 ± 9.6 [16]	47.6 ± 8.5 [1]	46.5 ± 9.5 [17]	45.1 ± 9.9 [8]	46.2 ± 9.8 [4]	45.7 ± 9.9 [12]
Bodily Pain [missing]	52.0 ± 9.5 [6]	53.0 ± 10.2 [0]	52.1 ± 9.6 [6]	50.2 ± 9.6 [3]	52.9 ± 9.5 [1]	51.8 ± 9.6 [4]
General Health [missing]	53.1 ± 8.8 [4]	53.2 ± 8.8 [0]	53.2 ± 8.8 [4]	52.1 ± 9.5 [3]	53.2 ± 8.7 [3]	52.7 ± 9.1 [6]
Vitality [missing]	51.2 ± 10.0 [7]	49.4 ± 9.3 [0]	51.0 ± 10.0 [7]	49.0 ± 10.3 [2]	51.5 ± 9.9 [1]	50.4 ± 10.2 [3]
Social Functioning [missing]	46.2 ± 9.8 [4]	46.4 ± 9.6 [0]	46.2 ± 9.8 [4]	44.9 ± 10.7 [1]	46.6 ± 10.1 [0]	45.9 ± 10.4 [1]
Emotional Role [missing]	44.8 ± 11.4 [15]	45.1 ± 10.7 [1]	44.8 ± 11.3 [16]	43.3 ± 11.9 [10]	44.7 ± 11.3 [6]	44.1 ± 11.6 [16]
Mental Health[missing]	49.9 ± 10.6 [6]	48.2 ± 10.8 [0]	49.7 ± 10.6 [6]	47.8 ± 10.8 [2]	49.9 ± 10.4 [2]	49.0 ± 10.6 [4]
Global Fatigue Index Score ^{Δ1}	20.2 ± 8.9	20.8 ± 8.4	20.3 ± 8.8	21.6 ± 9.4	20.2 ± 9.2	20.8 ± 9.3
Missing	33	1	34	12	22	34
To what degree have you experienced fatigue ^Δ <small>2(1-10 Scale)</small>	Mean = 4.1	Mean = 4.5	Mean = 4.2	Mean = 4.5	Mean = 4.2	Mean = 4.3
Not at all	283 (24.33%)	27 (22.50%)	310 (24.12%)	123 (22.45%)	190 (25.82%)	313 (24.36%)
Missing	33 (2.84%)	0 (0.00%)	33 (2.57%)	11 (2.01%)	19 (2.58%)	30 (2.33%)
How severe is the fatigue you have been experiencing ^Δ	Mean = 4.3	Mean = 4.6	Mean = 4.4	Mean = 4.7	Mean = 4.4	Mean = 4.5
Missing	291	24	315	117	197	314
To what degree has fatigue caused you distress ^Δ	Mean = 3.4	Mean = 3.2	Mean = 3.4	Mean = 3.7	Mean = 3.5	Mean = 3.6
Missing	291	24	315	118	200	318

In the past week, to what degree has fatigue interfered with your ability to care for or nurture your children	Mean = 2.2 347	Mean = 2.2 30	Mean = 2.2 377	Mean = 2.5 136	Mean = 2.3 244	Mean = 2.4 380
Missing						
Over the past week, how often have you been fatigued ^Δ						
Every day	92 (7.91%)	12 (10.00%)	105 (8.17%)	42 (7.66%)	68 (9.24%)	110 (8.56%)
Most, but not all days	258 (22.18%)	22 (18.33%)	280 (21.79%)	146 (26.64%)	9.24 (20.92%)	300 (23.35%)
Occasionally, but not most days	427 (36.72%)	54 (45.00%)	482 (37.51%)	201 (36.68%)	242 (32.88%)	443 (34.47%)
Hardly any days	115 (9.89%)	12 (10.00%)	127 (9.88%)	50 (9.12%)	93 (12.64%)	144 (11.21%)
Missing	271 (23.30%)	20 (16.67%)	291 (22.65%)	109 (19.89%)	179 (24.32%)	288 (22.41%)
To what degree has your fatigue changed during the past week ^Δ						
Increased	41 (3.53%)	5 (4.17%)	47 (3.66%)	22 (4.01%)	26 (3.53%)	48 (3.74%)
Fatigue has gone up and down	254 (21.84%)	31 (25.83%)	285 (22.18%)	115 (20.99%)	143 (19.43%)	258 (20.08%)
Stayed the same	394 (33.88%)	39 (32.50%)	434 (33.77%)	207 (37.77%)	250 (33.97%)	458 (35.64%)
Decreased	195 (16.77%)	25 (20.83%)	220 (17.12%)	95 (17.34%)	129 (17.53%)	224 (17.43%)
Missing	279 (23.99%)	20 (16.67%)	299 (23.27%)	109 (19.89%)	188 (25.54%)	297 (23.11%)
Edinburgh Postpartum Depression Scale mean score (SD)						
>12	5.7 ± 5.5	6.1 ± 5.6	5.7 ± 5.6	6.4 ± 5.9	5.5 ± 5.5	5.9 ± 5.7
≥10	156 (13.41%)	23 (19.17%)	180 (14.01%)	91 (16.61%)	99 (13.45%)	190 (14.79%)
Missing	266 (22.87%)	31 (25.83%)	298 (23.19%)	143 (26.09%)	163 (22.15%)	306 (23.81%)
Thought of harming myself has occurred to me	2 (0.17%)	0 (0.00%)	2 (0.16%)	1 (0.18%)	2 (0.27%)	3 (0.23%)
Never	1075 (92.43%)	111 (92.50%)	1187 (92.45%)	506 (92.34%)	678 (92.12%)	1185 (92.22%)
Hardly ever	31 (2.67%)	7 (5.83%)	38 (2.96%)	23 (4.20%)	25 (3.40%)	48 (3.74%)
Sometimes	47 (4.04%)	1 (0.83%)	48 (3.74%)	16 (2.92%)	25 (3.40%)	41 (3.19%)
Yes, quite often	8 (0.69%)	1 (0.83%)	9 (0.70%)	3 (0.55%)	6 (0.82%)	9 (0.70%)
Missing	2 (0.17%)	0 (0.00%)	2 (0.16%)	0 (0.00%)	2 (0.27%)	2 (0.16%)

^Δ Cases where mode of delivery is unknown (CS group = 2, VB group = 1)

[†] Measured by the SF36 ^ΔMultidimensional Assessment of Fatigue Scale total possible score 50 – severe fatigue

^ΔDefined as a score of more than 12 on the Edinburgh Postnatal Depression Scale.

Table S3. Relationship with husband/partner, Sexual Intercourse, and Incontinence by mode of delivery

Events	No./Total (%)					
	Planned Cesarean Delivery (n=1285) ^a			Planned Vaginal Delivery (n=1285) ^a		
	Any Cesarean Delivery (n=1163)	Only Vaginal Delivery (n=120)	Total (n=1285)	Any Cesarean Delivery (n=548)	Only Vaginal Delivery (n=736)	Total (n=1285)
Relationship with husband/partner						
Relationship with husband/partner since birth of babies						
Not applicable	80 (6.88%)	7 (5.83%)	89 (6.93%)	45 (8.21%)	45 (6.11%)	90 (7.00%)
Very happy or Somewhat happy	1004 (86.33%)	105 (87.50%)	1109 (86.30%)	458 (83.58%)	641 (87.09%)	1100 (85.60%)
Somewhat unhappy or Very unhappy	71 (6.10%)	7 (5.83%)	78 (6.07%)	41 (7.48%)	42 (5.71%)	83 (6.46%)
Missing	8 (0.69%)	1 (0.83%)	9 (0.70%)	4 (0.73%)	8 (1.09%)	12 (0.93%)
Relationship with husband/partner compared to before the birth of the babies						
Not applicable	69 (5.93%)	7 (5.83%)	78 (6.07%)	37 (6.75%)	39 (5.30%)	76 (5.91%)
Better	392 (33.71%)	34 (28.33%)	426 (33.15%)	158 (28.83%)	267 (36.28%)	426 (33.15%)
About the same	611 (52.54%)	64 (53.33%)	675 (52.53%)	301 (54.93%)	367 (49.86%)	668 (51.98%)
Worse	78 (6.71%)	13 (10.83%)	91 (7.08%)	45 (8.21%)	55 (7.47%)	100 (7.78%)
Missing	13 (1.12%)	2 (1.67%)	15 (1.17%)	7 (1.28%)	8 (1.09%)	15 (1.17%)
Sex						
Had sexual intercourse since the birth	955 (82.12%)	100 (83.33%)	1056 (82.18%)	441 (80.47%)	601 (81.66%)	1043 (81.17%)
Missing	10 (0.86%)	2 (1.67%)	12 (0.93%)	7 (1.28%)	5 (0.68%)	12 (0.93%)
Pain during sexual intercourse	232 (24.29%)	35 (35.00%)	267 (25.28%)	132 (29.93%)	171 (28.45%)	304 (29.15%)
Missing	16 (1.68%)	3 (3.00%)	19 (1.80%)	8 (1.81%)	4 (0.67%)	12 (1.15%)
Mild or small amount	172	27	199	102	137	239
Quite a lot of pain	50	7	57	27	29	57
Severe or excruciating/terrible	6	1	7	2	2	4

Incontinence

Experienced any urinary incontinence‡	123 (10.58%)	22 (18.33%)	145 (11.28%)	80 (14.60%)	117 (15.90%)	197 (15.33%)
No problem at all	53 (43.09%)	13 (59.09%)	66 (45.52%)	53 (66.25%)	54 (46.15%)	107 (54.31%)
A little problem	54 (43.90%)	7 (31.82%)	61 (42.07%)	21 (26.25%)	49 (41.88%)	70 (35.53%)
A big problem	9 (7.32%)	1 (4.55%)	10 (6.90%)	4 (5.00%)	9 (7.69%)	13 (6.60%)
Missing	7 (5.69%)	1 (4.55%)	8 (5.52%)	2 (2.50%)	5 (4.27%)	7 (3.55%)
Problematic urinary incontinence¶	62 (5.3%)	8 (6.67%)	70 (5.45%)	25 (4.56%)	57 (7.74%)	82 (6.38%)
Incontinence Impact Questionnaire-7‡						
Total Score Mean ± SD	19.82 ± 20.88	25.60 ± 26.20	20.48 ± 21.41	16.76 ± 16.76	22.06 ± 21.02	20.44 ± 20.50
Physical activity score	20.16 ± 24.73	25.00 ± 28.17	20.71 ± 24.97	14.67 ± 24.21	20.47 ± 21.37	18.70 ± 22.28
Travel score	17.20 ± 23.37	16.67 ± 25.20	17.14 ± 23.39	10.67 ± 17.27	17.54 ± 23.02	15.45 ± 21.56
Social/Relationships score	20.43 ± 27.23	16.67 ± 25.20	20.00 ± 26.86	14.67 ± 25.60	21.64 ± 27.09	19.51 ± 26.68
Emotional health score	21.77 ± 26.92	39.58 ± 37.73	23.81 ± 28.60	26.00 ± 25.95	28.36 ± 31.65	27.64 ± 29.89
Missing	1	0	1	0	1	1
Experienced fecal incontinence‡	48 (4.13%)	1 (0.83%)	49 (3.81%)	24 (4.38%)	24 (3.26%)	48 (3.74%)
No problem at all	29 (60.42%)	1 (100.00%)	30 (61.22%)	16 (66.67%)	15 (62.50%)	31 (64.58%)
A little problem	15 (31.25%)	0 (0.00%)	15 (30.61%)	6 (25.00%)	6 (25.00%)	12 (25.00%)
A big problem	3 (6.25%)	0 (0.00%)	3 (6.12%)	2 (8.33%)	3 (12.50%)	5 (10.42%)
Missing	1 (2.08%)	0 (0.00%)	1 (2.04%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
Problematic fecal incontinence¶	18 (1.55%)	0 (0.00%)	18 (1.41%)	8 (1.46%)	9 (1.22%)	17 (1.33%)
Experienced incontinence of flatus‡	187 (16.08%)	18 (15.00%)	205 (15.95%)	112 (20.44%)	112 (15.22%)	225 (17.51%)
No problem at all	130 (69.52%)	10 (55.56%)	140 (68.29%)	74 (66.07%)	71 (63.39%)	145 (64.44%)
A little problem	47 (25.13%)	7 (38.89%)	54 (26.34%)	31 (27.68%)	32 (28.57%)	64 (28.44%)
A big problem	7 (3.74%)	1 (5.56%)	8 (3.90%)	6 (5.36%)	9 (8.04%)	15 (6.67%)
Missing	3 (1.60%)	0 (0.00%)	3 (1.46)	1 (0.89%)	0 (0.00%)	1 (0.44%)
Problematic flatal incontinence¶	54 (4.64%)	8 (6.67%)	62 (4.82%)	37 (6.75%)	41 (5.57%)	79 (6.15%)

* Cases where mode of delivery is unknown (CS group = 2, VB group = 1)

† Problematic Incontinence was described as a little or big problem of losing or leaking urine when coughing, laughing, or sneezing, etc (urinary); losing or leaking feces/stool, fluid or mucus unexpectedly from the bowels (fecal); or passing gas/wind unexpectedly (flatal) within the past 7 days.

‡ Women who report problematic incontinence were asked to complete additional validated questions about the impact of the incontinence, using the IIQ-7 with score ranging from 0 (no impact at all) to 100 (greatly impacted).

¶ Defined a priori as a little or big problem with incontinence.