Table S1. Robson's Ten Group Classification System, including sub-groups, in Belgium 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	2710/28844	2760/29356	24.3	9.4	2.3
Group 2a: Nullip single ceph ≥ 37 wks induced	3165/13719	3224/13965	11.6	23.1	2.7
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	1306/1306	1330/1330	1.1	100.0	1.1
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	559/33236	569/33824	28.0	1.7	0.5
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	533/15234	543/15504	12.8	3.5	0.4
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	761/761	775/775	0.6	100.0	0.6
Group 5: Previous caesarean section single ceph ≥ 37 wks	7255/11177	7389/11380	9.4	64.9	6.1
Group 6: All nulliparous, single breeches	2695/2856	2745/2909	2.4	94.4	2.3
Group 7: All multiparous, single breeches (incl previous caesarean sections)	1939/2242	1975/2283	1.9	86.5	1.6
Group 8: All multiple births (incl previous caesarean sections)	1235/2140	1258/2179	1.8	57.7	1.0
Group 9: All single abnormal lies (incl previous caesarean sections)	412/426	420/434	0.4	96.8	0.3
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	1820/6641	1854/6760	5.6	27.4	1.5
Not stated	217/2116		-	-	-
Total			**100.0**		**20.6**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births. Because of the low proportion of missing data for caesareans, we first imputed the missing data into caesarean/non-caesarean using the overall caesarean rate.

Table S2. Robson's Ten Group Classification System, including sub-groups, in Cyprus 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	403/1719	409/1748	19.0	23.4	4.5
Group 2a: Nullip single ceph ≥ 37 wks induced	409/901	415/916	10.0	45.3	4.5
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	1076/1076	1091/1091	11.9	100.0	11.9
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	74/1449	75/1474	16.1	5.1	0.8
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	60/524	61/533	5.8	11.4	0.7
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	330/330	335/335	3.7	100.0	3.7
Group 5: Previous caesarean section single ceph ≥ 37 wks	1643/1731	1666/1756	19.1	94.9	18.2
Group 6: All nulliparous, single breeches	187/191	190/194	2.1	97.9	2.1
Group 7: All multiparous, single breeches (incl previous caesarean sections)	116/121	118/123	1.3	95.9	1.3
Group 8: All multiple births (incl previous caesarean sections)	233/250	236/253	2.8	93.3	2.6
Group 9: All single abnormal lies (incl previous caesarean sections)	22/23	22/23	0.3	95.7	0.2
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	500/719	507/730	8.0	69.5	5.5
Not stated	72/141		-	-	-
Total			**100.0**		**55.9**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S3. Robson's Ten Group Classification System, including sub-groups, in Denmark 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	1699/16951	1712/17101	29.9	10.0	3.0
Group 2a: Nullip single ceph ≥ 37 wks induced	1307/5134	1317/5178	9.1	25.4	2.3
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	730/730	736/736	1.3	100.0	1.3
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	348/17703	351/17862	31.3	2.0	0.6
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	296/4495	298/4535	7.9	6.6	0.5
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	948/948	956/956	1.7	100.0	1.7
Group 5: Previous caesarean section single ceph ≥ 37 wks	3259/5303	3285/5347	9.4	61.4	5.8
Group 6: All nulliparous, single breeches	1107/1207	1116/1217	2.1	91.7	2.0
Group 7: All multiparous, single breeches (incl previous caesarean sections)	612/702	617/708	1.2	87.1	1.1
Group 8: All multiple births (incl previous caesarean sections)	616/974	621/982	1.7	63.2	1.1
Group 9: All single abnormal lies (incl previous caesarean sections)	120/132	121/133	0.2	91.0	0.2
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	803/2331	809/2351	4.1	34.4	1.4
Not stated	94/497		-	-	-
Total			**100.0**		**20.9**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S4. Robson's Ten Group Classification System, including sub-groups, in Estonia 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	357/2932	357/2932	21.4	12.2	2.6
Group 2a: Nullip single ceph ≥ 37 wks induced	371/2167	371/2167	15.8	17.1	2.7
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	100/100	100/100	0.7	100.0	0.7
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	112/3701	112/3701	27.0	3.0	0.8
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	107/2260	107/2260	16.5	4.7	0.8
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	81/81	81/81	0.6	100.0	0.6
Group 5: Previous caesarean section single ceph ≥ 37 wks	759/1281	759/1281	9.3	59.3	5.5
Group 6: All nulliparous, single breeches	128/138	128/138	1.0	92.8	0.9
Group 7: All multiparous, single breeches (incl previous caesarean sections)	87/97	87/97	0.7	89.7	0.6
Group 8: All multiple births (incl previous caesarean sections)	144/230	144/230	1.7	62.6	1.0
Group 9: All single abnormal lies (incl previous caesarean sections)	157/190	157/190	1.4	82.6	1.1
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	175/554	175/554	4.0	31.6	1.3
Not stated	0/1	-	-	-	-
Total			**100.0**		**18.8**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S5. Robson's Ten Group Classification System, including sub-groups, in Finland 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	1267/13484	1268/13501	24.5	9.4	2.3
Group 2a: Nullip single ceph ≥ 37 wks induced	1127/5525	1128/5532	10.1	20.4	2.1
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	681/681	682/682	1.2	100.0	1.2
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	269/18104	269/18127	33.0	1.5	0.5
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	151/5125	151/5131	9.3	2.9	0.3
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	394/394	394/394	0.7	100.0	0.7
Group 5: Previous caesarean section single ceph ≥ 37 wks	2161/5250	2163/5256	9.6	41.2	3.9
Group 6: All nulliparous, single breeches	561/786	562/787	1.4	71.4	1.0
Group 7: All multiparous, single breeches (incl previous caesarean sections)	318/533	318/533	1.0	59.7	0.6
Group 8: All multiple births (incl previous caesarean sections)	370/748	370/748	1.4	49.5	0.7
Group 9: All single abnormal lies (incl previous caesarean sections)	743/2124	744/2127	3.9	35.0	1.4
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	700/2190	701/2193	4.0	32.0	1.3
Not stated	8/67	-	-	-	-
Total			**100.0**		**15.9**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S6. Robson's Ten Group Classification System, including sub-groups, in France 2016

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	359/3412	363/3427	26.2	10.6	2.8
Group 2a: Nullip single ceph ≥ 37 wks induced	383/1309	388/1317	10.1	29.5	3.0
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	102/102	103/103	0.8	100.0	0.8
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	64/4210	65/4226	32.3	1.5	0.5
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	94/1172	95/1177	9.0	8.1	0.7
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	74/74	75/75	0.6	100.0	0.6
Group 5: Previous caesarean section single ceph ≥ 37 wks	703/1276	711/1286	9.8	55.3	5.4
Group 6: All nulliparous, single breeches	208/261	210/263	2.0	79.8	1.6
Group 7: All multiparous, single breeches (incl previous caesarean sections)	163/217	165/219	1.7	75.3	1.3
Group 8: All multiple births (incl previous caesarean sections)	126/233	127/234	1.8	54.3	1.0
Group 9: All single abnormal lies (incl previous caesarean sections)	54/60	55/61	0.5	90.2	0.4
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	207/686	209/690	5.3	30.3	1.6
Not stated	30/67	-	-	-	-
Total			**100.0**		**19.6**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S7. Robson's Ten Group Classification System, including sub-groups, in Germany 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	35357/196968	35359/197013	27.4	17.9	4.9
Group 2a: Nullip single ceph ≥ 37 wks induced	26274/81111	26275/81127	11.3	32.4	3.6
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	19545/19545	19546/19546	2.7	100.0	2.7
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	8038/179511	8038/179557	24.9	4.5	1.1
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	4205/51987	4205/52000	7.2	8.1	0.6
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	16285/16285	16286/16286	2.3	100.0	2.3
Group 5: Previous caesarean section single ceph ≥ 37 wks	54548/79447	54551/79457	11.0	68.7	7.6
Group 6: All nulliparous, single breeches	19417/20875	19418/20876	2.9	93.0	2.7
Group 7: All multiparous, single breeches (incl previous caesarean sections)	9557/11111	9557/11111	1.5	86.0	1.3
Group 8: All multiple births (incl previous caesarean sections)	6479/8544	6479/8545	1.2	75.8	0.9
Group 9: All single abnormal lies (incl previous caesarean sections)	3260/3454	3260/3454	0.5	94.4	0.5
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	25350/50973	25351/50981	7.1	49.7	3.5
Not stated	11/142	-	-	-	-
Total			**100.0**		**31.7**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S8. Robson's Ten Group Classification System, including sub-groups, in Iceland 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	86/1021	86/1041	25.6	8.3	2.1
Group 2a: Nullip single ceph ≥ 37 wks induced	95/401	95/408	10.0	23.3	2.3
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	9/9	9/9	0.2	100.0	0.2
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	20/1395	20/1425	35.1	1.4	0.5
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	9/440	9/449	11.1	2.0	0.2
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	31/31	31/31	0.8	100.0	0.8
Group 5: Previous caesarean section single ceph ≥ 37 wks	224/389	224/393	9.7	57.0	5.5
Group 6: All nulliparous, single breeches	48/57	48/57	1.4	84.2	1.2
Group 7: All multiparous, single breeches (incl previous caesarean sections)	33/37	33/37	0.9	89.2	0.8
Group 8: All multiple births (incl previous caesarean sections)	16/36	16/36	0.9	44.4	0.4
Group 9: All single abnormal lies (incl previous caesarean sections)	19/19	19/19	0.5	100.0	0.5
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	52/156	52/158	3.9	32.9	1.3
Not stated	0/72	-	-	-	-
Total			**100.0**		**15.8**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S9. Robson's Ten Group Classification System, including sub-groups, in Italy 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	17321/137708	18409/140974	29.5	13.1	3.8
Group 2a: Nullip single ceph ≥ 37 wks induced	13675/46694	14534/48150	10.1	30.2	3.0
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	25626/25626	27236/27236	5.7	100.0	5.7
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	3274/114610	3480/116830	24.4	3.0	0.7
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	1742/22248	1851/22728	4.8	8.1	0.4
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	7098/7098	7544/7544	1.6	100.0	1.6
Group 5: Previous caesarean section single ceph ≥ 37 wks	49193/57165	52283/60399	12.6	86.6	10.9
Group 6: All nulliparous, single breeches	10287/10974	10933/11632	2.4	94.0	2.3
Group 7: All multiparous, single breeches (incl previous caesarean sections)	5547/6029	5895/6386	1.3	92.3	1.2
Group 8: All multiple births (incl previous caesarean sections)	6899/8163	7332/8619	1.8	85.1	1.5
Group 9: All single abnormal lies (incl previous caesarean sections)	1718/2400	1826/2520	0.5	72.5	0.4
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	11243/24430	11949/25375	5.3	47.1	2.5
Not stated	9651/15250		-	-	-
Total			**100.0**		**34.1**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S10. Robson's Ten Group Classification System, including sub-groups, in Latvia 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	898/6721	898/6721	31.3	13.4	4.2
Group 2a: Nullip single ceph ≥ 37 wks induced	267/1270	267/1270	5.9	21.0	1.2
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	255/255	255/255	1.2	100.0	1.2
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	220/7994	220/7994	37.2	2.8	1.0
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	39/1036	39/1036	4.8	3.8	0.2
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	111/111	111/111	0.5	100.0	0.5
Group 5: Previous caesarean section single ceph ≥ 37 wks	1769/2012	1769/2012	9.4	87.9	8.2
Group 6: All nulliparous, single breeches	232/288	232/288	1.3	80.6	1.1
Group 7: All multiparous, single breeches (incl previous caesarean sections)	149/231	149/231	1.1	64.5	0.7
Group 8: All multiple births (incl previous caesarean sections)	191/329	191/329	1.5	58.1	0.9
Group 9: All single abnormal lies (incl previous caesarean sections)	223/309	223/309	1.4	72.2	1.0
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	267/942	267/942	4.4	28.3	1.2
Not stated	0/0		-	-	-
Total			**100.0**		**21.5**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S11. Robson's Ten Group Classification System, including sub-groups, in Luxembourg 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	303/1747	303/1747	25.9	17.3	4.5
Group 2a: Nullip single ceph ≥ 37 wks induced	311/853	311/853	12.7	36.5	4.6
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	156/156	156/156	2.3	100.0	2.3
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	68/1539	68/1539	22.8	4.4	1.0
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	39/752	39/752	11.2	5.2	0.6
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	69/69	69/69	1.0	100.0	1.0
Group 5: Previous caesarean section single ceph ≥ 37 wks	620/817	621/818	12.1	75.9	9.2
Group 6: All nulliparous, single breeches	189/196	189/196	2.9	96.4	2.8
Group 7: All multiparous, single breeches (incl previous caesarean sections)	133/140	133/140	2.1	95.0	2.0
Group 8: All multiple births (incl previous caesarean sections)	103/125	103/125	1.9	82.4	1.5
Group 9: All single abnormal lies (incl previous caesarean sections)	29/31	29/31	0.5	93.5	0.4
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	119/310	119/310	4.6	38.4	1.8
Not stated	2/3	-	-	-	-
Total			**100.0**		**31.8**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S12. Robson's Ten Group Classification System, including sub-groups, in Malta 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	152/1076	152/1076	24.5	14.1	3.5
Group 2a: Nullip single ceph ≥ 37 wks induced	160/710	160/710	16.2	22.5	3.6
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	181/181	181/181	4.1	100.0	4.1
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	32/880	32/880	20.1	3.6	0.7
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	17/440	17/440	10.0	3.9	0.4
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	73/73	73/73	1.7	100.0	1.7
Group 5: Previous caesarean section single ceph ≥ 37 wks	450/591	450/591	13.5	76.1	10.3
Group 6: All nulliparous, single breeches	88/90	88/90	2.1	97.8	2.0
Group 7: All multiparous, single breeches (incl previous caesarean sections)	42/43	42/43	1.0	97.7	1.0
Group 8: All multiple births (incl previous caesarean sections)	67/68	67/68	1.6	98.5	1.5
Group 9: All single abnormal lies (incl previous caesarean sections)	7/7	7/7	0.2	100.0	0.2
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	91/227	91/227	5.2	40.1	2.1
Not stated	0/0	-	-	-	-
Total			**100.0**		**31.0**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S13. Robson's Ten Group Classification System, including sub-groups, in Netherlands 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	4401/46481	4540/47891	28.8	9.5	2.7
Group 2a: Nullip single ceph ≥ 37 wks induced	3371/15259	3477/15724	9.4	22.1	2.1
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	773/773	797/797	0.5	100.0	0.5
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	878/52277	906/53858	32.3	1.7	0.5
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	777/16155	802/16645	10.0	4.8	0.5
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	1744/1744	1799/1799	1.1	100.0	1.1
Group 5: Previous caesarean section single ceph ≥ 37 wks	7134/12094	7359/12469	7.5	59.0	4.4
Group 6: All nulliparous, single breeches	3006/3628	3101/3742	2.2	82.9	1.9
Group 7: All multiparous, single breeches (incl previous caesarean sections)	1691/2188	1744/2256	1.4	77.3	1.0
Group 8: All multiple births (incl previous caesarean sections)	1134/2685	1170/2768	1.7	42.3	0.7
Group 9: All single abnormal lies (incl previous caesarean sections)	679/897	700/925	0.6	75.7	0.4
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	1614/7448	1665/7675	4.6	21.7	1.0
Not stated	497/4920	-	-	-	-
Total			**100.0**		**16.8**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births. Because of the low proportion of missing data for caesareans, we first imputed the missing data into caesarean/non-caesarean using the overall caesarean rate.

Table S14. Robson's Ten Group Classification System, including sub-groups, in Northern Ireland 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	466/3879	483/3922	16.2	12.3	2.0
Group 2a: Nullip single ceph ≥ 37 wks induced	1037/3644	1075/3702	15.3	29.0	4.4
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	395/395	410/410	1.7	100.0	1.7
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	119/5625	123/5670	23.4	2.2	0.5
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	167/3831	173/3865	16.0	4.5	0.7
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	357/357	370/370	1.5	100.0	1.5
Group 5: Previous caesarean section single ceph ≥ 37 wks	2768/3610	2870/3718	15.4	77.2	11.9
Group 6: All nulliparous, single breeches	407/431	422/446	1.8	94.6	1.7
Group 7: All multiparous, single breeches (incl previous caesarean sections)	410/456	425/471	1.9	90.2	1.8
Group 8: All multiple births (incl previous caesarean sections)	251/356	260/366	1.5	71.0	1.1
Group 9: All single abnormal lies (incl previous caesarean sections)	16/73	17/74	0.3	23.0	0.1
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	432/1158	448/1179	4.9	38.0	1.9
Not stated	252/380	-	-	-	-
Total			**100.0**		**29.2**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S15. Robson's Ten Group Classification System, including sub-groups, in Norway 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	1434/16511	1441/16572	28.1	8.7	2.4
Group 2a: Nullip single ceph ≥ 37 wks induced	1207/5263	1213/5284	9.0	23.0	2.1
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	360/366	362/368	0.6	98.4	0.6
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	362/20524	364/20598	35.0	1.8	0.6
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	279/4757	280/4774	8.1	5.9	0.5
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	499/501	502/504	0.9	99.6	0.9
Group 5: Previous caesarean section single ceph ≥ 37 wks	2426/5058	2438/5079	8.6	48.0	4.1
Group 6: All nulliparous, single breeches	872/1233	876/1238	2.1	70.8	1.5
Group 7: All multiparous, single breeches (incl previous caesarean sections)	531/864	534/868	1.5	61.5	0.9
Group 8: All multiple births (incl previous caesarean sections)	463/998	465/1002	1.7	46.4	0.8
Group 9: All single abnormal lies (incl previous caesarean sections)	204/205	205/206	0.3	99.5	0.3
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	738/2427	742/2437	4.1	30.4	1.3
Not stated	48/225	-	-	-	-
Total			**100.0**		**16.0**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S16. Robson's Ten Group Classification System, including sub-groups, in Slovenia 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	752/6574	755/6583	33.0	11.5	3.8
Group 2a: Nullip single ceph ≥ 37 wks induced	437/1716	439/1719	8.6	25.5	2.2
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	186/186	187/187	0.9	100.0	0.9
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	193/6466	194/6473	32.5	3.0	1.0
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	49/1297	49/1298	6.5	3.8	0.2
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	260/260	261/261	1.3	100.0	1.3
Group 5: Previous caesarean section single ceph ≥ 37 wks	987/1281	991/1285	6.4	77.1	5.0
Group 6: All nulliparous, single breeches	447/499	449/501	2.5	89.6	2.3
Group 7: All multiparous, single breeches (incl previous caesarean sections)	222/266	223/267	1.3	83.5	1.1
Group 8: All multiple births (incl previous caesarean sections)	239/393	240/394	2.0	60.9	1.2
Group 9: All single abnormal lies (incl previous caesarean sections)	26/26	26/26	0.1	100.0	0.1
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	265/947	266/949	4.8	28.0	1.3
Not stated	17/32	-	-	-	-
Total			**100.0**		**20.5**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S17. Robson's Ten Group Classification System, including sub-groups, in Sweden 2015

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	2935/34958	2936/34968	30.4	8.4	2.6
Group 2a: Nullip single ceph ≥ 37 wks induced	2149/8591	2150/8594	7.5	25.0	1.9
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	1380/1380	1380/1380	1.2	100.0	1.2
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	755/41091	755/41102	35.7	1.8	0.7
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	356/7256	356/7258	6.3	4.9	0.3
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	1385/1385	1385/1385	1.2	100.0	1.2
Group 5: Previous caesarean section single ceph ≥ 37 wks	5518/10348	5520/10351	9.0	53.3	4.8
Group 6: All nulliparous, single breeches	1880/2018	1881/2019	1.8	93.2	1.6
Group 7: All multiparous, single breeches (incl previous caesarean sections)	1066/1250	1066/1250	1.1	85.3	0.9
Group 8: All multiple births (incl previous caesarean sections)	918/1669	918/1669	1.5	55.0	0.8
Group 9: All single abnormal lies (incl previous caesarean sections)	257/303	257/303	0.3	84.8	0.2
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	1442/4717	1443/4719	4.1	30.6	1.3
Not stated	7/33	-	-	-	-
Total			**100.0**		**17.4**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births.

Table S18. Robson's Ten Group Classification System, including sub-groups, in Switzerland 2014

	Number of CS/ all women in each group	Number of CS/ all women in each group imputed data	Relative size of each group (%)	CS rate in each group (%)	Contribution of each group (%)
Group 1: Nullip single ceph ≥ 37 wks spon lab	3206/20311	3400/21523	25.7	15.8	4.1
Group 2a: Nullip single ceph ≥ 37 wks induced	2413/8513	2559/9022	10.8	28.4	3.1
Group 2b: Nullip single ceph ≥ 37 wks CS before lab	2573/2573	2729/2729	3.3	100.0	3.3
Group 3: Multip (excl prev caesarean sections) single ceph ≥ 37 wks spon lab	845/19956	896/21144	25.3	4.2	1.1
Group 4a: Multip (excl prev caesarean sections) single ceph ≥ 37 wks induced	315/5746	334/6088	7.3	5.5	0.4
Group 4b: Multip (excl prev caesarean sections) single ceph ≥ 37 wks CS before lab	2362/2362	2505/2505	3.0	100.0	3.0
Group 5: Previous caesarean section single ceph ≥ 37 wks	5887/6831	6244/7244	8.7	86.2	7.5
Group 6: All nulliparous, single breeches	2553/2628	2708/2787	3.3	97.2	3.2
Group 7: All multiparous, single breeches (incl previous caesarean sections)	1169/1254	1240/1330	1.6	93.2	1.5
Group 8: All multiple births (incl previous caesarean sections)	1250/1550	1326/1644	2.0	80.7	1.6
Group 9: All single abnormal lies (incl previous caesarean sections)	2530/3562	2683/3776	4.5	71.1	3.2
Group 10: All single ceph ≤ 36 wks (incl previous caesarean sections)	1560/3644	1655/3863	4.6	42.8	2.0
Not stated	135/4727		-	-	-
Total			**100.0**		**33.8**

Note: missing data are imputed using the observed distributions for caesarean births, then for non-caesarean births. Because of the low proportion of missing data for caesareans, we first imputed the missing data into caesarean/non-caesarean using the overall caesarean rate.