

**Table III. Clinical factors and disability**

Comparison of ELBW (birth weight  $\leq$  1000 g) children born in Iceland 1988-2012 with and without disability in regards to various clinical factors, adjusted for gender in the multiple regression analysis.

Clinical factors	Disability			
	Yes	No	Single regression	Multiple regression
	n = 32	n = 157	p-value	p-value
Gender, boys, n (%)	15 (47)	61 (39)	0.399	Not significant
Gestational age, mean in weeks and days	26 <sup>4</sup>	27 <sup>0</sup>	0.425	Not significant
Birth weight, mean g	806	808	0.948	Not significant
- Length, mean cm	34	34.1	0.884	Not significant
- Head circumference, mean cm	24.2	24.1	0.983	Not significant
SGA, n (%)	6 (19)	50 (32)	0.139	Not significant
Apgar 1 min. mean	3.2	4.3	0.003	0.011
Apgar 5 min. mean	6.3	6.6	0.320	Not significant
C-section delivery, n (%)	18 (56)	105 (67)	0.250	Not significant
Multiple birth, n (%)	15 (47)	39 (25)	0.012	0.031
RDS, n (%)	28 (88)	114 (73)	0.076	Not significant
Surfactant, n (%)	27 (84)	108 (69)	0.075	Not significant
Pneumonia, n (%)	10 (31)	11 (7)	<0.001	<0.001
Pneumothorax, n (%)	2 (6)	10 (6)	0.980	Not significant
Positive blood culture, n (%)	11 (34)	68 (43)	0.350	Not significant
BPD, n (%)	22 (71)	89 (57)	0.140	Not significant
Intravenous corticosteroids, n (%)	18 (56)	58 (37)	0.042	Not significant
Inhaled corticosteroids, n (%)	15 (53)	64 (41)	0.523	Not significant
PDA, n (%)	22 (69)	85 (54)	0.129	Not significant
- Prostaglandin inhibitors, n (%)	18 (82)	69 (82)	0.972	Not significant

- Surgery for PDA, n (%)	8 (36)	18 (21)	0.147	Not significant
ROP, n (%)	11 (35)	35 (22)	0.118	Not significant
- Surgery for ROP, n (%)	2 (20)	4 (12)	0.505	Not significant
NEC, n (%)	4 (13)	6 (4)	0.039	Not significant
- Surgery for NEC, n (%)	4 (100)	4 (67)	0.197	Not significant
IVH, n (%)	7 (22)	29 (19)	0.655	Not significant
IVH, grade 1 or 2, n (%)	5 (16)	26 (17)	0.977	Not significant
IVH, grade 3 or 4, n (%)	2 (7)	2 (2)	0.078	Not significant
PVL	12 (37)	20 (12)	<0.001	<0.001
Birth weight achieved, mean age in days	20	14	<0.001	Not significant
Enteral feeding initiated, mean age in days	6	3	<0.025	<0.001
Full enteral feeding achieved, mean in days	22	15	<0.004	<0.001
Mechanical ventilation, n (%)	32 (100)	137 (87)	0.033	Not significant
Mechanical ventilation duration, mean in days	32	17	0.035	Not significant
CPAP, n (%)	19 (59)	117 (75)	0.082	Not significant
CPAP duration, mean in days	31	31	0.999	Not significant