

Supplementary Table A. Percentage of daytime wetting in each enuresis class at each time point

Age (years)	Percentage with daytime wetting					p
	Normative	Infrequent delayed	Infrequent persistent	Frequent delayed	Frequent persistent	
4	10.2	27.3	34.2	33.3	45.6	<0.001
5	5.1	16.2	21.3	23.0	34.0	<0.001
6	6.7	14.7	27.4	20.1	33.8	<0.001
7	4.9	9.5	18.9	15.3	31.0	<0.001
9	3.0	5.7	12.3	10.2	18.7	<0.001

Supplementary Table B: Comparing delay and persistence within frequency (n=8,769)

Exposure		N	Class Comparison	
			Infrequent persistent v infrequent delayed (reference group)	Frequent persistent v frequent delayed (reference group)
Gender (male)		8769	1.68 [1.19, 2.36] p=0.083	1.45 [0.88, 2.38] p=0.142
<i>Child Development at 18 months (per 1 SD of change)</i>				
Communication	Unadjusted	8217	0.99 [0.86, 2.33] p=0.845	0.96 [0.72, 1.28] p=0.776
	Adjusted	7508	0.93 [0.81, 1.41] p=0.345	1.00 [0.72, 1.39] p=0.989
Social skills	Unadjusted	8209	0.99 [0.86, 2.39] p=0.873	0.82 [0.61, 1.11] p=0.195
	Adjusted	7502	0.87 [0.75, 1.07] p=0.066	0.92 [0.64, 1.32] p=0.640
Gross motor skills	Unadjusted	8210	0.99 [0.87, 2.40] p=0.876	0.88 [0.73, 1.08] p=0.225
	Adjusted	7501	0.98 [0.86, 2.16] p=0.772	0.95 [0.76, 1.19] p=0.670
Fine motor skills	Unadjusted	8211	1.07 [0.92, 1.46] p=0.379	0.87 [0.68, 1.13] p=0.295
	Adjusted	7503	1.11 [0.95, 1.21] p=0.190	0.83 [0.62, 1.12] p=0.222
<i>Parental history of wetting</i>				
Maternal	Unadjusted	7649 ^c	1.76 [1.15, 2.71] p=0.009	1.12 [0.60, 2.08] p=0.731
	Adjusted	6998 ^c	1.80 [1.14, 2.83] p=0.011	0.99 [0.51, 1.93] p=0.977
Paternal	Unadjusted	5798	0.96 [0.57, 1.64] p=0.890	1.03 [0.48, 2.20] p=0.944
	Adjusted	5407	0.93 [0.55, 2.17] p=0.775	0.99 [0.43, 2.30] p=0.989
<i>Obstetric variables</i>				
Gestational length (<37 weeks)	Unadjusted	8769	0.84 [0.46, 1.75] p=0.557	1.10 [0.37, 3.23] p=0.868
	Adjusted	7871	0.86 [0.44, 1.93] p=0.655	0.88 [0.26, 2.94] p=0.831
Birth weight (<2.5kg)	Unadjusted	8769	1.33 [0.59, 1.63] p=0.489	1.84 [0.24, 13.99] p=0.556
	Adjusted	7871	1.06 [0.50, 2.42] p=0.882	2.70 [0.71, 10.20] p=0.144

All analyses were adjusted for gender, social class and family adversity. The birth weight analyses were additionally adjusted for gestation.

Supplementary Table C: Comparing frequency within delay and persistence (n=8,769)

Exposure		N	Class Comparison	
			Frequent delayed v infrequent delayed (reference group)	Frequent persistent v infrequent persistent (reference group)
Gender (male)		8769	1.16 [0.78, 1.72] p=0.469	1.30 [0.91, 1.87] p=0.15
<i>Child Development at 18 months (per 1 SD of change)</i>				
Communication	Unadjusted	8217	1.11 [0.88, 1.41] p=0.367	1.08 [0.90, 1.30] p=0.382
	Adjusted	7508	1.06 [0.81, 1.23] p=0.680	1.13 [0.93, 1.37] p=0.223
Social skills	Unadjusted	8209	1.36 [1.07, 1.73] p=0.013	1.13 [0.95, 1.35] p=0.205
	Adjusted	7502	1.19 [0.85, 1.67] p=0.226	1.26 [1.02, 1.54] p=0.029
Gross motor skills	Unadjusted	8210	1.19 [1.02, 1.40] p=0.029	1.07 [0.91, 1.24] p=0.418
	Adjusted	7501	1.14 [0.88, 1.49] p=0.135	1.11 [0.95, 1.30] p=0.191
Fine motor skills	Unadjusted	8211	1.20 [0.98, 1.47] p=0.078	0.98 [0.82, 1.17] p=0.846
	Adjusted	7503	1.28 [1.02, 1.62] p=0.033	0.96 [0.79, 1.17] p=0.706
<i>Parental history of wetting</i>				
Maternal history	Unadjusted	7649 ^c	2.07 [1.19, 3.59] p=0.01	1.30 [0.84, 2.30] p=0.237
	Adjusted	6998 ^c	2.20 [1.23, 3.95] p=0.008	1.21 [0.75, 1.96] p=0.428
Paternal history	Unadjusted	5798	1.55 [0.81, 2.96] p=0.184	1.65 [0.93, 2.94] p=0.087
	Adjusted	5407	1.49 [0.75, 2.97] p=0.259	1.60 [0.80, 3.24] p=0.130
<i>Obstetric variables</i>				
Gestational length (<37 weeks)	Unadjusted	8769	0.72 [0.30, 1.74] p=0.464	0.94 [0.45, 1.95] p=0.865
	Adjusted	7871	0.79 [0.30, 2.07] p=0.633	1.09 [0.40, 2.93] p=0.872
Birth weight (<2.5kg)	Unadjusted	8769	0.74 [0.14, 4.03] p=0.730	1.02 [0.35, 3.02] p=0.971
	Adjusted	7871	0.49 [0.15, 1.63] p=0.246	1.25 [0.54, 2.79] p=0.578

All analyses were adjusted for gender, social class and family adversity. The birth weight analyses were additionally adjusted for gestation.

Supplementary Table D: Child Development at 18 months (Mean (SD)) by confounding variables

	Communication	Social	Gross motor	Fine motor
<i>Gender</i>				
Male	6.79 (2.34)	7.88 (2.12)	9.42 (1.57)	12.73 (1.78)
Female	7.84 (2.40)	8.52 (2.28)	9.37 (1.58)	12.93 (1.69)
	p<0.001	p<0.001	p=0.16	p<0.001
<i>Birth weight</i>				
<2.5 kg	6.98 (2.69)	7.51 (2.34)	8.53 (2.70)	12.19 (2.26)
≥2.5kg	7.30 (2.42)	8.20 (2.22)	9.41 (1.54)	12.84 (1.73)
	p=0.114	p<0.001	p<0.001	p<0.001
<i>Gestation</i>				
<37 weeks	7.34 (2.41)	7.24 (2.30)	8.74 (2.22)	12.10 (2.01)
≥37weeks	6.42 (2.47)	8.24 (2.21)	9.43 (1.52)	12.87 (1.71)
	p<0.001	p<0.001	p<0.001	p<0.001
<i>Social class</i>				
Manual	7.34 (2.48)	8.47 (2.28)	9.55 (1.49)	12.68 (1.78)
Non manual	7.32 (2.39)	8.215(2.20)	9.37 (1.58)	12.88 (1.70)
	p=0.868	p<0.001	p<0.001	p<0.001
<i>Early parenthood</i>				
Yes	7.43 (2.58)	8.51 (2.38)	9.71 (1.50)	12.54 (2.03)
No	7.29 (2.45)	8.19 (2.24)	9.39 (1.62)	12.80 (1.78)
	p=0.160	p<0.001	p<0.001	p<0.001
<i>Housing adequacy</i>				
Yes	7.25 (2.59)	8.31 (2.42)	9.48 (1.62)	12.61 (1.91)
No	7.30 (2.44)	8.20 (2.23)	9.41 (1.60)	12.81 (1.77)
	p=0.540	p=0.155	p=0.190	p<0.001
<i>Higher education</i>				
Yes	7.15 (2.49)	8.26 (2.33)	9.51 (1.53)	12.53 (1.92)
No	7.32 (2.44)	8.21 (2.23)	9.39 (1.62)	12.84 (1.76)
	p=0.018	p=0.394	p=0.009	p<0.001
<i>Financial difficulties</i>				
Yes	7.33 (2.54)	8.18 (2.29)	9.53 (1.53)	12.70 (1.83)
No	7.29 (2.43)	8.22 (2.24)	9.39 (1.62)	12.81 (1.77)
	p=0.623	p=0.020	p<0.001	0.444
<i>Family size</i>				
Large	6.83 (2.51)	8.33 (2.25)	9.42 (1.56)	12.56 (1.98)
Small	7.33 (2.44)	8.27 (2.33)	9.41 (1.62)	12.80 (1.77)
	p<0.001	p=0.002	p=0.902	p=0.195
<i>Poor social network</i>				
Yes	7.12 (2.53)	7.97 (2.34)	9.33 (1.71)	12.56 (1.95)
No	7.33 (2.44)	8.25 (2.23)	9.43 (1.59)	12.02 (2.62)
	p=0.005	p<0.001	p=0.035	<0.001

Higher developmental scores represent a more advanced level of maturation.