

Supplementary Table 1: Distribution of Caries by Potential Confounders and Exposure to each Childsmile Intervention

	Total number of children in cohort		Obvious Caries Experience	
	n	% (n/15,032)	n	% (n/15,032)
SIMD				
1 (most deprived)	11,777	(23.4)	5,310	(35.3)
2	10,092	(20.0)	3,549	(23.6)
3	9,609	(19.1)	2,597	(17.3)
4	9,876	(19.6)	2,154	(14.3)
5 (least deprived)	9,025	(17.9)	1,422	(9.5)
Age				
4	2,974	(5.9)	788	(5.2)
5	43,165	(85.7)	12,847	(85.5)
6	4,240	(8.4)	1,397	(9.3)
Sex				
Female	24,736	(49.1)	7129	(47.4)
Male	25,643	(50.9)	7903	(52.6)
DHSW Contacts				
Not Targeted	40,647	(80.7)	11,547	(76.8)
0	979	(1.9)	442	(2.9)
1	7,816	(15.5)	2,624	(17.5)
2 plus	937	(1.9)	419	(2.8)
Number of Nursery FVA				
Not Targeted	18,798	(37.3)	4,306	(28.6)
0	6,968	(13.8)	2,233	(14.9)
1	4,770	(9.5)	1,676	(11.1)
2	4,682	(9.3)	1,676	(11.1)
3	5,323	(10.6)	1,844	(12.3)
4	5,483	(10.9)	1,843	(12.3)
5 plus	4,355	(8.6)	1,454	(9.7)
Primary Care Dental Services Visits				
0	14,842	(29.5)	4,708	(31.3)
1	10,653	(21.1)	3,699	(24.6)
2	8,265	(16.4)	2,620	(17.4)
3	6,179	(12.3)	1,676	(11.1)
4	4,529	(9.0)	1,080	(7.2)
5	3,063	(6.1)	669	(4.5)
6 plus	2,848	(5.7)	580	(3.9)
Nursery Supervised Toothbrushing				
0 (no consent)	5,511	(10.9)	1,572	(10.5)
Up to 1 year	3,565	(7.1)	1,269	(8.4)
>1 to 2 years	12,579	(25.0)	3,990	(26.5)
>2 to 3 years	23,136	(45.9)	6,931	(46.1)
>3 years	5,588	(11.1)	1,270	(8.4)

SIMD - Scottish Index of Multiple Deprivation Index
 FVA - Fluoride Varnish Applications