

**Supplementary Table S7b. Subgroup analysis of primary outcome - difference between adults with DS (>18 years) and children with DS (<18 years) (difference within groups)**

Outcome measure	Subgroup membership: (No = did not complete; Yes = did complete)	Treatment	Mean or Difference	Standard Error	95% Confidence Interval		P-value	
					Lower	Upper		
Number of indicated evaluations that were recommended or completed	No	Control	0.341	0.070	0.202	0.480	0.003**	
		DSC2U	0.643	0.071	0.503	0.782		
		DSC2U v Control	0.302	0.100	0.105	0.499		
	Yes	Control	0.308	0.119	0.074	0.542		0.680
		DSC2U	0.381	0.132	0.121	0.641		
		DSC2U v Control	0.073	0.178	-0.277	0.423		
	Yes v No	Control	-0.033	0.138	-0.306	0.239		0.809
		DSC2U	-0.262	0.150	-0.557	0.034		0.082
		DSC2U v Control	-0.228	0.204	-0.630	0.173		0.264
Number of indicated evaluations that were completed	No	Control	0.259	0.065	0.131	0.386	0.019*	
		DSC2U	0.476	0.065	0.348	0.604		
		DSC2U v Control	0.217	0.092	0.037	0.398		
	Yes	Control	0.308	0.107	0.097	0.518		0.664
		DSC2U	0.238	0.119	0.004	0.472		
		DSC2U v Control	-0.070	0.160	-0.385	0.245		
	Yes v No	Control	0.049	0.125	-0.197	0.295		0.696
		DSC2U	-0.238	0.135	-0.505	0.029		0.080
		DSC2U v Control	-0.287	0.184	-0.650	0.076		0.121

Number of evaluations not indicated and completed	No	Control	1.776	0.144	1.492	2.061	
		DSC2U	2.214	0.145	1.928	2.500	
		DSC2U v Control	0.438	0.204	0.035	0.841	0.033*
	Yes	Control	1.231	0.229	0.780	1.682	
		DSC2U	1.667	0.255	1.165	2.169	
		DSC2U v Control	0.436	0.342	-0.239	1.111	0.204
	Yes v No	Control	-0.546	0.270	-1.079	-0.013	0.045*
		DSC2U	-0.548	0.293	-1.125	0.030	0.063
		DSC2U v Control	-0.002	0.399	-0.788	0.784	0.996

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**Notes:**

\*P-value <0.05, \*\* p-value <0.01, \*\*\* p-value <0.001