

Table 3 Balance statistics for the effect of the improved–uninterrupted definition of improved water supplies on the prevalence of diarrhoea in children, using propensity score matching (PSM) analysis

Variable	Unmatched sample					PSM matched sample				
	Mean treated	Mean control	% bias	<i>t</i> -value	<i>P</i> -value	Mean treated	Mean control	% bias	<i>t</i> -value	<i>P</i> -value
<i>Region</i>										
Urban Lower Egypt	0.091	0.076	5.4	2.62	0.009	0.092	0.092	0.2	0.1	0.922
Rural Lower Egypt	0.291	0.259	7.3	3.55	< 0.001	0.291	0.297	-1.3	-0.68	0.495
Urban Upper Egypt	0.133	0.105	8.6	4.14	< 0.001	0.133	0.138	-1.5	-0.77	0.441
Rural Upper Egypt	0.303	0.400	-20.4	-9.96	< 0.001	0.302	0.299	0.5	0.27	0.789
Frontier governorates	0.022	0.089	-29.7	-15.26	< 0.001	0.021	0.021	0.1	0.07	0.947
<i>Wealth quintile</i>										
Wealth quintile 2	0.191	0.209	-4.7	-2.27	0.023	0.191	0.190	0.2	0.12	0.905
Wealth quintile 3	0.198	0.196	0.5	0.24	0.808	0.199	0.199	-0.1	-0.05	0.962
Wealth quintile 4	0.227	0.162	16.3	7.76	< 0.001	0.226	0.246	-4.9	-2.4	0.017
Wealth quintile 5	0.235	0.160	18.8	8.93	< 0.001	0.235	0.227	1.9	0.96	0.336
<i>Dwelling type</i>										
House	0.415	0.524	-22.0	-10.70	< 0.001	0.412	0.395	3.4	1.84	0.065
Apartment	0.566	0.458	21.7	10.55	< 0.001	0.569	0.585	-3.1	-1.66	0.097
<i>Parents' education</i>										
Father's education	9.295	8.201	20.4	9.93	< 0.001	9.307	9.372	-1.2	-0.66	0.510
Mother's education	8.182	6.507	30.0	14.62	< 0.001	8.199	8.272	-1.3	-0.71	0.478
<i>Age</i>										
Mother's age (years)	28.491	28.472	0.3	0.16	0.872	28.494	28.372	2.1	1.12	0.261
Child's age (months)	28.212	28.116	0.6	0.27	0.788	28.205	27.729	2.7	1.48	0.140
<i>Livestock</i>										
Yes	0.242	0.395	-33.4	-16.43	< 0.001	0.241	0.244	-0.6	-0.33	0.742
<i>Combined categories</i>										
Upper Egypt rural poor	0.198	0.280	-19.2	-9.42	< 0.001	0.202	0.187	3.6	2.02	0.043