

Table 5 Balance statistics for the effect of the improved–uninterrupted–unstored versus all other definitions 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	0.094	0.073	7.4	3.63	< 0.001	0.095	0.095	0.1	0.03	0.974
Rural Lower Egypt	0.293	0.259	7.8	3.80	< 0.001	0.293	0.289	0.7	0.36	0.716
Urban Upper Egypt	0.133	0.108	7.7	3.76	< 0.001	0.133	0.139	-1.8	-0.88	0.380
Rural Upper Egypt	0.293	0.404	-23.4	-11.53	< 0.001	0.293	0.291	0.3	0.15	0.881
Frontier governorates	0.021	0.085	-28.9	-14.63	< 0.001	0.020	0.021	-0.3	-0.21	0.836
<i>Wealth quintile</i>										
Wealth quintile 2	0.190	0.208	-4.5	-2.20	0.028	0.191	0.183	2.0	1.07	0.284
Wealth quintile 3	0.197	0.198	-0.3	-0.14	0.888	0.197	0.197	0.1	0.07	0.942
Wealth quintile 4	0.228	0.166	15.6	7.54	< 0.001	0.228	0.246	-4.6	-2.19	0.028
Wealth quintile 5	0.241	0.158	20.9	10.07	< 0.001	0.241	0.236	1.3	0.62	0.538
<i>Dwelling type</i>										
House	0.407	0.525	-23.7	-11.64	< 0.001	0.405	0.405	0.1	0.04	0.968
Apartment	0.574	0.458	23.3	11.44	< 0.001	0.576	0.577	-0.3	-0.16	0.875
<i>Parents' education</i>										
Father's education	9.347	8.224	21.0	10.30	< 0.001	9.353	9.272	1.5	0.79	0.431
Mother's education	8.254	6.550	30.6	15.04	< 0.001	8.272	8.255	0.3	0.16	0.876
<i>Age</i>										
Mother's age (years)	28.494	28.470	0.4	0.20	0.838	28.500	28.594	-1.6	-0.82	0.413
Child's age (months)	28.202	28.137	0.4	0.18	0.854	28.198	27.975	1.3	0.67	0.506
<i>Livestock</i>										
Yes	0.228	0.401	-38.0	-18.79	< 0.001	0.228	0.230	-0.6	-0.32	0.746