

Table 6 Balance statistics for the effect of the improved-uninterrupted-unstored versus improved-interrupted-stored 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	0.041	21.2	6.57	< 0.001	0.092	0.083	3.6	1.62	0.105
Rural Lower Egypt	0.293	0.229	14.6	4.87	< 0.001	0.290	0.282	1.8	0.91	0.364
Urban Upper Egypt	0.133	0.080	17.0	5.47	< 0.001	0.135	0.148	-4.4	-1.99	0.047
Rural Upper Egypt	0.293	0.408	-24.3	-8.47	< 0.001	0.296	0.300	-0.9	-0.49	0.623
Frontier governorates	0.021	0.155	-48.7	-21.73	< 0.001	0.020	0.020	0.0	0.00	1.000
<i>Wealth quintile</i>										
Wealth quintile 2	0.190	0.223	-8.1	-2.77	0.006	0.193	0.176	4.1	2.19	0.029
Wealth quintile 3	0.197	0.173	6.3	2.09	0.037	0.199	0.204	-1.4	-0.71	0.480
Wealth quintile 4	0.228	0.149	20.1	6.51	< 0.001	0.221	0.254	-8.7	-4.06	< 0.001
Wealth quintile 5	0.241	0.151	22.7	7.32	< 0.001	0.243	0.215	7.1	3.44	0.001
<i>Dwelling type</i>										
House	0.407	0.556	-30.1	-10.29	< 0.001	0.405	0.398	1.4	0.74	0.461
Apartment	0.574	0.429	29.2	9.95	< 0.001	0.577	0.586	-1.7	-0.89	0.373
<i>Parents' education</i>										
Father's education	9.347	7.929	26.2	9.07	< 0.001	9.294	9.332	-0.7	-0.37	0.709
Mother's education	8.254	6.114	38.8	13.27	< 0.001	8.206	8.162	0.8	0.41	0.681
<i>Age</i>										
Mother's age (years)	28.494	28.354	2.4	0.82	0.414	28.461	28.390	1.2	0.62	0.536
Child's age (months)	28.202	28.235	-0.2	-0.07	0.947	28.179	27.847	1.9	0.98	0.325
<i>Livestock</i>										
Yes	0.228	0.412	-40.2	-14.39	< 0.001	0.230	0.224	1.3	0.75	0.456
<i>Combined categories</i>										
Lower Egypt rural poor	0.082	0.117	-11.6	-4.15	< 0.001	0.084	0.083	0.4	0.25	0.805
Rural poor	0.275	0.453	-37.6	-13.25	< 0.001	0.283	0.273	2.1	1.11	0.266