

Table 4 Balance statistics for the effect of the improved–unstored 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	0.095	0.042	21.2	7.38	< 0.001	0.094	0.105	1.3	-2.31	0.021
Rural Lower Egypt	0.288	0.235	12.0	4.54	< 0.001	0.287	0.283	1.0	0.62	0.533
Urban Upper Egypt	0.128	0.091	12.0	4.43	< 0.001	0.128	0.124	1.4	0.85	0.397
Rural Upper Egypt	0.325	0.417	-19.0	-7.45	< 0.001	0.326	0.322	0.8	0.48	0.631
Frontier governorates	0.030	0.132	-38.0	-18.48	< 0.001	0.030	0.030	0.0	0.00	1.000
<i>Wealth quintile</i>										
Wealth quintile 2	0.194	0.218	-6.0	-2.30	0.021	0.195	0.189	1.3	0.86	0.392
Wealth quintile 3	0.201	0.182	5.0	1.89	0.058	0.202	0.203	-0.4	-0.24	0.810
Wealth quintile 4	0.209	0.160	12.7	4.69	< 0.001	0.209	0.200	2.3	1.35	0.176
Wealth quintile 5	0.217	0.148	18.0	6.56	< 0.001	0.216	0.223	-1.8	-1.03	0.304
<i>Dwelling type</i>										
House	0.439	0.552	-22.8	-8.79	< 0.001	0.438	0.440	-0.5	-0.29	0.771
Apartment	0.542	0.433	21.9	8.43	< 0.001	0.544	0.539	1.0	0.60	0.551
<i>Education</i>										
Father's education	9.034	8.035	18.5	7.18	< 0.001	9.022	8.977	0.8	0.53	0.598
Mother's education	7.772	6.289	26.6	10.21	< 0.001	7.761	7.844	-1.5	-0.93	0.355
<i>Age</i>										
Mother's age (years)	28.509	28.371	2.3	0.90	0.369	28.499	28.591	-1.5	-0.96	0.336
Child's age (months)	28.152	28.262	-0.6	-0.24	0.807	28.157	27.656	2.9	1.79	0.074
<i>Livestock</i>										
Yes	0.278	0.421	-30.4	-12.09	< 0.001	0.278	0.279	-0.3	-0.20	0.844
<i>Combined categories</i>										
Upper Egypt rural poor	0.216	0.300	-19.3	-7.71	< 0.001	0.220	0.219	0.4	0.23	0.816
Lower Egypt rural poor	0.088	0.112	-7.8	-3.12	0.002	0.090	0.099	-3.1	-1.98	0.048