

**Table S8.** Input predictor values for The TwoStep Cluster Analysis, with positivity to *Giardia duodenalis* as evaluation variable.

Variable	Predictor values	Most frequent category (%) Cluster 1	Most frequent category (%) Cluster 2
Sample area	1.00	SYI (64.0%)	MO (74.3%)
Source of drinking water	0.42	Tap (56%)	Well (46.3%)
Defecating in the river	0.40	Never (45.7%)	Never (99.3%)
Handwashing after defecating	0.24	Sometimes (76.6%)	Always (51.5%)
Defecating in the bush	0.23	Never (44.0%)	Never (86.0%)
Use of dustbin	0.14	Sometimes (38.9%)	Sometimes (70.6%)
Treatment of drinking water	0.14	None (71.4%)	None (45.6%)
Parasite detected	0.14	None (84.6%)	None (60.3%)
Drinking water storage	0.12	Drums (75.4%)	Drums (49.3%)
Microscopy results	0.11	Negative (84.6%)	Negative (60.3%)
Toilet	0.06	Pit latrine (56.0%)	Flush toilet (61.0%)
Parent occupation	0.05	Trader (61.7%)	Trader (87.5%)
Covering of drinking water source	0.05	Yes (94.9%)	Yes (94.9%)
Washing fruit	0.04	Sometimes (70.9%)	Sometimes (62.5%)
Age	0.03	9.86	10.46
Use of Flagyl	0.03	Sometimes (90.9%)	Sometimes (82.4%)
Flagyl treatment	0.02	No (89.7%)	No (93.4%)
Age	0.02	10.29	9.77
Contact with domestic animals	0.02	Yes (75.4%)	Yes (67.6%)
Type of domestic animal	0.01	Fowl (28.0%)	None (34.6%)
Body mass index (kg/m <sup>2</sup> )	0.01	13.52	13.94
Gender	0.01	F (51.4%)	F (55.1%)