

Supplemental Table: Adjusted estimates of absence by intervention group, assessing all pupils collectively and stratifying by sex with design variables and covariates.

Parameter	Design Variables Only			Full Model			Design Variables Only			Full Model			Design Variables Only			Full Model		
	Boys and Girls			Boys and Girls			Boys			Boys			Girls			Girls		
	Proportion absence	95% CI	p-value	Proportion absence	95% CI	p-value	Proportion absence	95% CI	p-value	Proportion absence	95% CI	p-value	Proportion absence	95% CI	p-value	Proportion absence	95% CI	p-value
Grades 1-8																		
Intercept	0.125	0.101	0.149 < 0.01 ***	0.126	0.101	0.150 < 0.01 ***	0.124	0.096	0.152 < 0.01 ***	0.126	0.098	0.155 < 0.01 ***	0.126	0.101	0.150 < 0.01 ***	0.125	0.101	0.150 < 0.01 ***
HW Intervention	-0.006	-0.034	0.021 0.15	-0.003	-0.031	0.025 0.83	-0.003	-0.033	0.027 0.83	0.001	-0.031	0.028 0.93	-0.008	-0.037	0.021 0.59	-0.005	-0.033	0.023 0.73
LC+HW Intervention	-0.007	-0.035	0.021 0.60	0.001	-0.024	0.026 0.94	-0.007	-0.038	0.023 0.64	-0.001	-0.028	0.029 0.97	-0.007	-0.036	0.021 0.60	0.001	-0.024	0.027 0.91
Geographic Strata: Nyando/Kisumu	-0.025	-0.468	-0.003 0.03 **	-0.018	-0.041	0.004 0.11	-0.023	-0.047	0.000 0.05 *	-0.018	-0.043	0.007 0.15	-0.026	-0.049	-0.003 0.03 **	-0.018	-0.041	0.005 0.12
School-level Baseline Absence	0.282	0.160	0.404 < 0.01 ***	0.231	0.113	0.350 < 0.01 ***	0.282	0.142	0.422 < 0.01 ***	0.232	0.091	0.372 < 0.05 **	0.282	0.144	0.419 < 0.01 ***	0.232	0.098	0.365 < 0.01 ***
Baseline School Enrollment				0.000	0.000	0.000 0.28				0.000	0.000	0.000 0.51				0.000	0.000	0.000 0.18
Community SES				-0.037	-0.073	0.000 0.05				-0.040	-0.078	-0.001 0.04 **				-0.033	-0.074	0.008 0.12
Grades 1-3																		
Intercept	0.141	0.106	0.176 < 0.01 ***	0.140	0.105	0.175 < 0.01 ***	0.132	0.086	0.177 0.00 **	0.131	0.085	0.178 0.00 **	0.151	0.112	0.190 0.00 **	0.150	0.111	0.189 0.00 **
HW Intervention	0.010	-0.023	0.043 0.54	0.014	-0.016	0.044 0.34	0.025	-0.009	0.059 0.15	0.028	-0.004	0.060 0.09 *	-0.004	-0.042	0.034 0.84	0.001	-0.033	0.035 0.95
LC+HW Intervention	0.009	-0.026	0.045 0.60	0.020	-0.012	0.051 0.22	0.025	-0.014	0.064 0.20	0.033	-0.003	0.069 0.08 *	-0.007	-0.045	0.031 0.72	0.006	-0.029	0.042 0.72
Geographic Strata: Nyando/Kisumu	-0.027	-0.054	0.000 0.05 *	-0.017	-0.044	0.011 0.22	-0.028	-0.057	0.001 0.06 *	-0.020	-0.053	0.012 0.22	-0.027	-0.058	0.003 0.07 *	-0.014	-0.043	0.014 0.32
School-level Baseline Absence	0.101	-0.084	0.285 0.28	0.047	-0.142	0.237 0.62	0.080	-0.149	0.310 0.49	0.040	-0.199	0.278 0.74	0.114	-0.084	0.312 0.26	0.045	-0.163	0.254 0.67
Baseline School Enrollment				0.000	0.000	0.000 0.16				0.000	0.000	0.000 0.31				0.000	0.000	0.000 0.16
Community SES				-0.040	-0.095	0.015 0.15				-0.032	-0.087	0.023 0.25				-0.049	-0.120	0.021 0.17
Grades 4-7																		
Intercept	0.135	0.103	0.167 < 0.01 ***	0.140	0.106	0.173 < 0.01 ***	0.144	0.104	0.184 0.00 **	0.151	0.109	0.194 0.00 **	0.126	0.093	0.158 0.00 **	0.129	0.095	0.163 0.00 **
HW Intervention	-0.020	-0.049	0.009 0.17	-0.018	-0.047	0.011 0.22	-0.022	-0.056	0.012 0.20	-0.020	-0.054	0.014 0.24	-0.018	-0.046	0.010 0.20	-0.016	-0.045	0.012 0.25
LC+HW Intervention	-0.016	-0.046	0.014 0.28	-0.009	-0.037	0.019 0.53	-0.027	-0.061	0.006 0.11	-0.017	-0.048	0.014 0.28	-0.006	-0.037	0.025 0.71	-0.001	-0.030	0.029 0.96
Geographic Strata: Nyando/Kisumu	-0.023	-0.047	0.000 0.05 *	-0.020	-0.045	0.005 0.11	-0.021	-0.048	0.006 0.12	-0.018	-0.046	0.010 0.20	-0.025	-0.048	-0.001 0.04 **	-0.023	-0.049	0.003 0.09 *
School-level Baseline Absence	0.335	0.011	0.561 < 0.05 **	0.268	0.037	0.500 0.02 **	0.328	0.064	0.591 0.02 **	0.239	-0.052	0.529 0.11	0.340	0.083	0.597 0.01 **	0.293	0.041	0.545 0.02 **
Baseline School Enrollment				0.000	0.000	0.000 0.76				0.000	0.000	0.000 0.72				0.000	0.000	0.000 0.86
Community SES				-0.038	-0.082	0.007 0.10				-0.050	-0.097	-0.002 0.04 **				-0.026	-0.077	0.024 0.30
Grades 8																		
Intercept	0.069	0.039	0.100 < 0.01 ***	0.067	0.036	0.098 < 0.01 ***	0.077	0.044	0.110 0.00 **	0.079	0.044	0.113 0.00 **	0.057	0.014	0.100 0.01 **	0.050	0.011	0.088 0.01 **
HW Intervention	0.020	-0.041	0.081 0.51	0.020	-0.040	0.080 0.50	-0.005	-0.051	0.041 0.81	-0.007	-0.052	0.038 0.76	0.060	-0.034	0.153 0.21	0.062	-0.030	0.153 0.18
LC+HW Intervention	-0.024	-0.058	0.011 0.18	-0.013	-0.046	0.019 0.41	-0.027	-0.058	0.005 0.09 *	-0.018	-0.050	0.014 0.26	-0.022	-0.077	0.034 0.44	-0.008	-0.059	0.044 0.77
Geographic Strata: Nyando/Kisumu	-0.016	-0.052	0.021 0.39	-0.008	-0.045	0.030 0.68	-0.014	-0.043	0.015 0.34	-0.008	-0.040	0.024 0.61	-0.014	-0.071	0.043 0.62	-0.001	-0.057	0.056 0.97
School-level Baseline Absence	0.379	0.184	0.575 < 0.01 ***	0.339	0.142	0.536 < 0.01 ***	0.283	0.134	0.432 0.00 **	0.224	0.072	0.376 0.00 **	0.532	0.202	0.862 0.00 **	0.501	0.171	0.832 0.00 **
Baseline School Enrollment				0.000	0.000	0.000 0.65				0.000	0.000	0.000 0.90				0.000	0.000	0.000 0.36
Community SES				-0.050	-0.110	0.010 0.10				-0.060	-0.118	-0.003 0.04 **				-0.054	-0.138	0.031 0.21

* p=significance at a<0.1; **p=significance at a<0.05; ***p=significance at a<0.001