

1 **Additional file 1: Independent association of single infections and infection groups with HbA1c in participants with HbA1c levels in the**
2 **normal range (columns to the left) (N=609) and in the normal and prediabetic range (columns to the right) (N=1,179), excluding**
3 **participants self-reporting a physician-diagnosis of DM**

Infections	Adjusted for other infections, age, gender, study sites, SES status, education status, smoking status, alcohol consumption and hemoglobin level		Additionally adjusted for BMI and physical inactivity		Adjusted for other infections, age, gender, study sites, SES status, education status, smoking status, alcohol consumption and hemoglobin level		Additionally adjusted for BMI and physical inactivity	
	β	95% CI	β	95% CI	β	95% CI	β	95% CI
Grouped infection¹								
Nematodes	0.009	-0.003 0.022	0.008	-0.004 0.021	0.009	-0.005 0.022	0.010	-0.003 0.023
Trematode infection	0.004	-0.004 0.011	0.003	-0.004 0.010	-0.003	-0.011 0.004	-0.003	-0.010 0.005
Cestodes (Taenia sp.)	-0.049	-0.075 -0.022	-0.049	-0.075 -0.022	-0.022	-0.050 0.006	-0.020	-0.046 0.007
Single infections^{2,3}								
<i>Opisthorchis viverrini</i>	0.002	-0.005 0.100	0.002	-0.005 0.009	-0.005	-0.014 0.003	-0.005	-0.013 0.004
Hookworm	0.009	-0.006 0.024	0.009	-0.006 0.023	0.0006	-0.017 0.018	0.0009	-0.016 0.018
Minute intestinal flukes	0.006	-0.010 0.021	0.004	-0.010 0.020	0.012	-0.003 0.028	0.012	-0.003 0.028
<i>Strongyloides stercoralis</i>	-0.002	-0.025 0.023	0.0004	-0.023 0.024	0.009	-0.013 0.031	0.015	-0.007 0.036
<i>Trichuris trichiura</i>	0.012	-0.030 0.054	0.007	-0.035 0.049	0.021	-0.027 0.069	0.017	-0.030 0.063
<i>Taenia</i> sp.	-0.049	-0.075 -0.022	-0.049	-0.075 -0.023	-0.022	-0.050 0.006	-0.020	-0.046 0.007

4 ¹Model including infection groups nematodes (yes vs. no), trematode infection (yes vs. no), and cestodes (yes vs. no)

- 5 ²Model including single infections hookworm (yes vs. no), *O. viverrini* (yes vs. no), minute intestinal flukes
6 (yes vs. no) and cestodes (yes vs. no); subjects with other rare types of infections were excluded from this analysis.
7 ³subjects with other rare types of infections were excluded from this analysis