

S2 Table. Details of datasets used throughout the study and their sources. Data used for validation of model results are not described in this table because they are described in S10 Table.

Dataset	Description	Use	Source
Temperature (°C)	Projected temperature under different future greenhouse gas emission scenarios.	Used as an input for modelling mosquito populations.	Coupled Model Intercomparison Project Phase 6 (CMIP6) [1]
Precipitation (mm day ⁻¹)	Projected precipitation under different future greenhouse gas emission scenarios.	Used as an input for modelling mosquito populations.	Coupled Model Intercomparison Project Phase 6 (CMIP6) [1].
Median municipal building index	Represents the proportion of sampled buildings infested with <i>Ae. aegypti</i> during the sampling period in each Brazilian municipality.	Used as an input for Boosted Regression Trees.	Collected by the Brazilian Ministry of Health using the LIRAA protocol [2–4]
Urban accessibility	Travel time (in minutes) to the nearest city with over 50,000 inhabitants.	Used as an input for Boosted Regression Trees.	Weiss et al. (2018) [5].
Population size	Projected municipal population sizes for 2024-2050.	Used as an input for Boosted Regression Trees.	Jones & O'Neill (2016) [6].
Urban land cover	Projects of mean municipal urban land cover for 2024-2050.	Used as an input for Boosted Regression Trees.	Zhou et al. (2019) [7].

References

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