

S9 Table. Model-estimated fold-change in mean annual *Ae. aegypti* density (mosquitoes per km²) from 2024 in Brazil's 27 states for 2030, 2050, and 2080 under four greenhouse gas emission scenarios: SSP1–2.6 (low), SSP2–4.5 and SSP3–7.0 (intermediate), and SSP5–8.5 (high). Within the table, states are ordered geographically from north to south to reflect climatic gradients relevant to mosquito ecology.

State	SSP1-2.6			SSP2-4.5			SSP3-7.0			SSP5-8.5		
	2030	2050	2080	2030	2050	2080	2030	2050	2080	2030	2050	2080
Roraima	1.00	1.07	1.06	1.03	1.10	1.14	1.02	1.13	1.15	1.07	1.13	1.08
Amapá	1.04	1.07	1.10	0.99	1.03	1.09	1.01	1.08	1.18	1.04	1.13	1.23
Amazonas	1.02	1.06	1.07	1.02	1.08	1.10	1.00	1.10	1.11	1.04	1.11	0.97
Pará	1.02	1.06	1.08	1.03	1.09	1.12	1.01	1.09	1.20	1.04	1.13	1.14
Maranhão	1.03	1.07	1.11	1.03	1.14	1.23	1.01	1.14	1.39	1.04	1.18	1.35
Ceará	1.04	1.11	1.15	1.03	1.16	1.30	1.04	1.19	1.50	1.07	1.24	1.48
Rio Granda do Norte	1.05	1.09	1.13	1.02	1.16	1.28	1.07	1.18	1.42	1.08	1.23	1.39
Paraíba	1.06	1.11	1.16	1.04	1.17	1.34	1.07	1.22	1.48	1.08	1.27	1.53
Piauí	1.06	1.11	1.13	1.05	1.17	1.33	1.03	1.22	1.49	1.04	1.25	1.52
Pernambuco	1.08	1.13	1.15	1.05	1.19	1.37	1.06	1.24	1.49	1.06	1.30	1.60
Alagoas	1.05	1.11	1.11	1.07	1.17	1.31	1.05	1.19	1.35	1.04	1.27	1.40
Acre	1.03	1.10	1.12	1.06	1.17	1.23	1.02	1.19	1.34	1.03	1.17	1.25
Rondônia	1.03	1.10	1.11	1.04	1.11	1.17	1.02	1.14	1.20	1.04	1.16	1.11
Sergipe	1.04	1.10	1.07	1.07	1.16	1.34	1.03	1.19	1.30	1.03	1.26	1.36
Tocantins	1.06	1.10	1.12	1.05	1.14	1.25	1.01	1.17	1.34	1.04	1.21	1.37
Bahia	1.10	1.14	1.10	1.07	1.2	1.43	1.05	1.30	1.51	1.06	1.32	1.72
Mato Grosso	1.06	1.10	1.11	1.04	1.13	1.21	1.02	1.14	1.28	1.04	1.19	1.28
Goiás	1.09	1.15	1.14	1.06	1.18	1.31	1.02	1.21	1.55	1.06	1.30	1.67
Distrito Federal	1.11	1.18	1.15	1.06	1.22	1.38	1.01	1.26	1.73	1.06	1.34	1.94
Minas Gerais	1.13	1.18	1.18	1.06	1.21	1.39	1.03	1.29	1.72	1.05	1.37	2.03
Espírito Santo	1.10	1.11	1.14	1.03	1.17	1.29	1.02	1.26	1.48	1.09	1.29	1.82
Mato Grosso do Sul	1.04	1.09	1.10	1.04	1.11	1.13	1.04	1.09	1.19	0.99	1.14	1.14
Rio de Janeiro	1.09	1.14	1.20	1.07	1.21	1.37	1.05	1.25	1.64	0.99	1.28	1.84
São Paulo	1.05	1.14	1.15	1.09	1.22	1.35	1.05	1.23	1.65	0.99	1.28	1.76
Paraná	1.04	1.14	1.19	1.09	1.23	1.41	1.06	1.28	1.73	1.01	1.32	1.86
Santa Catarina	1.05	1.21	1.26	1.08	1.28	1.52	1.05	1.38	1.97	1.05	1.38	2.10
Rio Grande do Sul	1.01	1.18	1.23	1.07	1.24	1.44	1.05	1.36	1.78	1.08	1.34	1.91