

Table S2: *Basic reproductive numbers R_0 (with standard deviation) for different G_0 values obtained by varying the number of days spent for occasional long-distance trips in the models **M+T** and **L+T** and by varying the kernel parameter b (see Eq.3) in models **S**.*

Model	days	b	R_0		
			$G_0 = 1.1$	$G_0 = 1.4$	$G_0 = 1.7$
M+T	5	–	1.34 (0.020)	1.75 (0.010)	2.11 (0.010)
	10	–	1.29 (0.022)	1.71 (0.010)	2.11 (0.013)
	20	–	1.19 (0.037)	1.67 (0.011)	2.04 (0.010)
	30	–	1.19 (0.040)	1.63 (0.018)	1.97 (0.011)
L+T	5	–	1.27 (0.029)	1.68 (0.015)	2.08 (0.010)
	10	–	1.29 (0.025)	1.67 (0.011)	2.10 (0.011)
	20	–	1.27 (0.032)	1.61 (0.018)	2.02 (0.011)
	30	–	1.21 (0.035)	1.56 (0.021)	1.97 (0.012)
S	–	0.6	1.25 (0.035)	1.73 (0.011)	2.13 (0.010)
	–	1.2	1.26 (0.027)	1.74 (0.011)	2.13 (0.011)
	–	1.9	1.27 (0.033)	1.72 (0.012)	2.14 (0.011)
	–	2.6	1.29 (0.038)	1.72 (0.010)	2.15 (0.012)
	–	5.2	1.28 (0.034)	1.73 (0.009)	2.17 (0.009)