

Table S2: Parameter estimates obtained in the eight models.

| Model | τ | $R_0^{f,1}$ | $R_0^{f,3}$ | $R_0^{a,1}$ | $R_0^{a,3}$ | α_1 | α_3 | A_1 | A_3 | v_1 | v_3 |
|-------|--------|-------------|-------------|-------------|-------------|------------|------------|-------|-------|-------|-------|
| 1 | 0.93 | 1.24 | 2.15 | 1.40 | 1.11 | 0.25 | 0.17 | 0.34 | 1.20 | 0.06 | 0.24 |
| 2 | – | 1.22 | 2.02 | 1.27 | 1.11 | 1.22 | 0.85 | 0.35 | 1.71 | 0.13 | 0.23 |
| 3 | 0.20 | 1.23 | 2.17 | 1.36 | 1.10 | 0.15 | 0.34 | 0.27 | 1.07 | 0.10 | 0.21 |
| 4 | – | 1.26 | 2.25 | 1.31 | 1.10 | 0.19 | 0.32 | 0.31 | 0.95 | 0.10 | 0.21 |
| 5 | 0.96 | 1.23 | 2.10 | 1.45 | 1.13 | 0.24 | 0.16 | 0.29 | 1.09 | 0.07 | 0.16 |
| 6 | – | 1.32 | 5.13 | 1.83 | 1.12 | 0.76 | 0.86 | 0.15 | 0.55 | 0.07 | 0.17 |
| 7 | 0.40 | 1.32 | 3.35 | 1.69 | 1.10 | 0.12 | 0.27 | 0.19 | 0.65 | 0.06 | 0.16 |
| 8 | – | 1.33 | 3.02 | 1.65 | 1.10 | 0.12 | 0.33 | 0.20 | 0.68 | 0.07 | 0.21 |