**Supplementary file 2.** Model parameters.

|  |  |
| --- | --- |
| **Model parameter** | **Value** |
|  | 0.15 |
|  | 0.05 |
|  | 7.5 |
|  | 10 |
|  | 5000 |
|  | 75000 |
|  | 0.0000386(Figure 2 – figure supplement 1A and Figure 2D); 0.000386(Figure 2 – figure supplement 1B and 1C and Figure 2B and 2D) |
|  | 0.0000386(Figure 2 – figure supplement 1A, B and Figure 2B and 2D);  0.0000965 (Figure 2 – figure supplement 1C) |
|  | 0 (Figure 2 – figure supplement 1A-C); otherwise, 10 |
|  | 0 (Figure 2 – figure supplement 1A-C); otherwise, 20 |