

**Table S5** The 95% confidence interval (CI) for all parameters of the best model in fastsimcoal2.7.

| Parameter               | Lower     | Best estimate | Upper     |
|-------------------------|-----------|---------------|-----------|
| N <sub>W</sub>          | 1,011,132 | 1,135,957     | 1,331,731 |
| N <sub>E</sub>          | 1,019,077 | 1,128,365     | 1,315,648 |
| N <sub>S</sub>          | 102,686   | 100,898       | 104,956   |
| N <sub>EM</sub>         | 148,859   | 149,068       | 153,979   |
| N <sub>WM</sub>         | 210,656   | 211,235       | 219,219   |
| T <sub>DIV</sub>        | 4,249,170 | 4,794,260     | 5,220,430 |
| T <sub>SOUTH</sub>      | 193,460   | 203,680       | 209,630   |
| T <sub>ADMIX</sub>      | 169,740   | 174,460       | 179,230   |
| AncM <sub>W&amp;E</sub> | 2.87E-06  | 3.60E-06      | 4.60E-06  |
| AncM <sub>W&amp;S</sub> | 1.39E-05  | 1.40E-05      | 1.47E-05  |
| AncM <sub>S&amp;E</sub> | 2.54E-06  | 4.20E-06      | 2.85E-06  |
| M <sub>W&amp;E</sub>    | 2.41E-07  | 2.52E-07      | 3.10E-07  |
| M <sub>E&amp;EM</sub>   | 1.20E-06  | 1.50E-06      | 1.58E-06  |
| M <sub>S&amp;EM</sub>   | 1.09E-05  | 1.10E-05      | 1.43E-05  |
| M <sub>W&amp;WM</sub>   | 1.88E-06  | 2.05E-06      | 2.10E-06  |
| M <sub>S&amp;EM</sub>   | 1.95E-06  | 1.20E-06      | 2.10E-06  |
| Ratio <sub>S2EM</sub>   | 2.89E-03  | 3.05E-3       | 4.66E-3   |