

S7 Table

Table of correlations between the summary statistics of the COORDS set and the epidemiological parameters of the BD model, for trees of 100 leaves.

| Coordinate | R_0 | d_i | Sum |
|------------|-------|-------|------|
| x_6 | -0.65 | 0.71 | 1.4 |
| x_7 | -0.65 | 0.71 | 1.4 |
| x_8 | -0.65 | 0.71 | 1.4 |
| x_9 | -0.65 | 0.71 | 1.4 |
| x_{10} | -0.64 | 0.72 | 1.4 |
| x_{13} | -0.62 | 0.74 | 1.4 |
| x_{18} | -0.62 | 0.74 | 1.4 |
| x_{19} | -0.62 | 0.74 | 1.4 |
| x_{20} | -0.62 | 0.74 | 1.4 |
| x_3 | -0.65 | 0.7 | 1.4 |
| x_4 | -0.65 | 0.7 | 1.4 |
| x_5 | -0.65 | 0.7 | 1.4 |
| x_{11} | -0.63 | 0.72 | 1.4 |
| x_{12} | -0.62 | 0.73 | 1.4 |
| x_{14} | -0.61 | 0.74 | 1.4 |
| x_{15} | -0.61 | 0.74 | 1.4 |
| x_{16} | -0.61 | 0.74 | 1.4 |
| x_{17} | -0.61 | 0.74 | 1.4 |
| x_2 | -0.64 | 0.7 | 1.3 |
| x_1 | -0.61 | 0.68 | 1.3 |
| y_{11} | 0.63 | 0.01 | 0.64 |
| y_{12} | 0.63 | 0.01 | 0.64 |
| y_{13} | 0.62 | 0.01 | 0.63 |
| y_9 | 0.62 | 0 | 0.62 |
| y_{10} | 0.62 | 0 | 0.62 |
| y_{14} | 0.61 | 0.01 | 0.62 |
| y_6 | 0.6 | 0.01 | 0.61 |
| y_7 | 0.61 | 0 | 0.61 |
| y_8 | 0.61 | 0 | 0.61 |
| y_5 | 0.59 | 0.01 | 0.6 |
| y_{15} | 0.59 | 0.01 | 0.6 |
| y_4 | 0.57 | 0.01 | 0.58 |
| y_3 | 0.55 | 0.01 | 0.56 |
| y_{16} | 0.56 | 0 | 0.56 |
| y_2 | 0.51 | 0.01 | 0.52 |
| y_{17} | 0.51 | 0 | 0.51 |
| y_{18} | 0.46 | 0 | 0.46 |
| y_1 | 0.42 | 0.01 | 0.43 |
| y_{19} | 0.37 | 0 | 0.37 |
| y_{20} | 0.23 | 0 | 0.23 |