

| var              | mean   | sd    |
|------------------|--------|-------|
| Range for mySPDE | 31.677 | 3.284 |
| Stdev for mySPDE | 1.647  | 0.116 |

| Spatial random field | Suitability      |        |
|----------------------|------------------|--------|
| (Linear Scale)       | (Response Scale) |        |
| 56°N                 | 56°N             |        |
| 55°N                 | Median 55°N      | Median |
| 54°N                 | -6 54°N          | - 0    |
| 53°N                 | -8 53°N<br>-10   | -5     |
| 52°N                 | -10 52°N         | -10    |
| 51°N                 | 51°N             |        |
| 50°N                 | 50°N             |        |
| 4°W 2°W 0° 2°E       | E 4°W 2°W 0°     | 2°E    |

| var              | sd     | 0.025quant | 0.5quant | 0.975quant |
|------------------|--------|------------|----------|------------|
| Intercept        | 0.704  | -13.223    | -11.974  | -10.450    |
| lat_raster       | 0.306  | -1.937     | -1.333   | -0.735     |
| effort_rast_10km | 0.957  | 4.136      | 5.994    | 7.890      |
| clim_PC1_spline1 | 19.046 | -23.992    | 12.346   | 50.987     |
| clim_PC1_spline2 | 26.218 | -49.830    | -0.990   | 53.781     |
| clim_PC1_spline3 | 22.844 | -60.243    | -15.577  | 29.359     |
| clim_PC2_spline1 | 23.317 | -18.431    | 27.053   | 73.063     |
| clim_PC2_spline2 | 14.691 | 0.790      | 29.403   | 58.486     |
| clim_PC2_spline3 | 24.270 | -91.064    | -43.750  | 4.144      |
| clim_PC3_spline1 | 30.031 | -84.646    | -30.514  | 34.419     |
| clim_PC3_spline2 | 4.392  | -29.864    | -21.392  | -12.572    |
| clim_PC3_spline3 | 32.622 | -64.416    | 1.718    | 63.996     |
| clim_PC4_spline1 | 20.116 | -30.275    | 8.525    | 48.743     |
| clim_PC4_spline2 | 7.259  | -19.357    | -5.421   | 9.179      |
| clim_PC4_spline3 | 31.231 | -76.359    | -12.698  | 46.659     |