|                 | Model 1           | Model 2           | Model 3           | Model 4           | Model 5           | Mod       |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|
| ot)             | -3.10 **          | -2.72 **          | -2.19 *           | -2.13 *           | -2.76 **          |           |
|                 | (-2.76, p = 0.01) | (-2.58, p = 0.01) | (-2.28, p = 0.02) | (-2.05, p = 0.04) | (-2.65, p = 0.01) | (-1.31, p |
| al              | 1.13              |                   |                   |                   |                   |           |
|                 | (1.67, p = 0.09)  |                   |                   |                   |                   | (-0.62, p |
| l               | 1.36 *            |                   |                   |                   |                   |           |
|                 | (2.11, p = 0.03)  |                   |                   |                   |                   | (-0.58, p |
|                 |                   | 1.31 **           |                   |                   | 0.81              |           |
|                 |                   | (2.94, p = 0.00)  |                   |                   | (1.63, p = 0.10)  |           |
| C               |                   |                   | 0.86 ***          |                   | 0.20              |           |
|                 |                   |                   | (4.22, p = 0.00)  |                   | (0.75, p = 0.45)  |           |
| ate             |                   |                   |                   | 0.57 *            |                   |           |
|                 |                   |                   |                   | (2.24, p = 0.03)  |                   | (2.39, p) |
| C:site          |                   |                   |                   |                   | 0.86 ***          |           |
|                 |                   |                   |                   |                   | (3.31, p = 0.00)  |           |
| ate:plotPartial |                   |                   |                   |                   |                   |           |
|                 |                   |                   |                   |                   |                   | (-2.43, p |
| ate:plotTotal   |                   |                   |                   |                   |                   |           |
|                 |                   |                   |                   |                   |                   | (-1.83, p |
|                 | 366               | 366               | 366               | 366               | 366               |           |
| D)              | 13                | 13                | 13                | 13                | 13                |           |
| h)              | 12                | 12                | 12                | 12                | 12                |           |
| year)           | 5                 | 5                 | 5                 | 5                 | 5                 |           |
|                 | 899.63            | 895.38            | 884.76            | 897.81            | 875.83            |           |
|                 | 926.94            | 918.80            | 908.18            | 921.23            | 907.06            |           |
| 1)              | 0.03              | 0.04              | 0.07              | 0.03              | 0.09              |           |
| ,               | 0 =0              | 0.50              | o =-              | 0.50              | 0 =0              |           |

0.77

0.78

0.79

nuous predictors are mean-centered and scaled by 1 standard deviation. \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05.

0.78

0.78