**S1 Table.** **Correlation between bee count (BC), Shannon’s diversity (SD) and species richness (SpR) variables.** The strength of the correlation was tested using Pearson’s method and Bonferroni-adjustment for multiple testing implemented in function corr.test from the R-package *psych*. Upper matrix: P-values; lower matrix: Pearson’s r. bb= bumble bees; nohb=all wild bees; sb=solitary bees.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **bb** | *BC* | *SD* | *SpR* |  | **nohb** | *BC* | *SD* | *SpR* |  | **sb** | *BC* | *SD* | *SpR* |
| *BC* | – | <0.05 | <0.05 |  | *BC* | – | <0.05 | 0.130 |  | *BC* | – | <0.05 | 0.140 |
| *SD* | 0.605 | – | <0.05 |  | *SD* | 0.420 | – | <0.05 |  | *SD* | 0.057 | – | <0.05 |
| *SpR* | 0.357 | 0.862 | – |  | *SpR* | -0.056 | 0.713 | – |  | *SpR* | 0.444 | 0.716 | – |