**S5 Table. ANOVA and t-test means differences for payments amounts and size of PES programs, by sector and targeted ES.**

The median and standard error variations of the PES scheme size in hectares and total payments in USD/ha/yr show important differences (Figure 2 in the manuscript). Supporting table 4 explores in detail such differences using ANOVA test. Public sector payments score higher than private commercial and non-profit private schemes. Water PES present the highest payments and the lowest surfaces. Biodiversity payments score the lowest values (in USD/ha/yr) and the highest surfaces.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Means differences | | |  |
|  | Log10 Payment (USD/ha/yr) |  | Log10 Size (Ha) |  |
|  |  |  |
| Pr-P | -0.53 | \* | -0.25 |  |
| NP-P | -0.90 | \*\* | -0.05 |  |
| Pr-NP | 0.37 |  | -0.19 |  |
| W-Bio | 1.55 | \*\*\* | -1.12 | \* |
| W-C | 0.63 | \* | -1.16 | \* |
| W-MA | 0.32 |  | -1.78 | \*\* |
| Bio-C | -0.91 | \*\* | -0.04 |  |
| Bio-MA | -1.22 | \*\*\* | -0.66 |  |
| C-MA | -0.31 |  | -0.62 |  |

\* p<0.1; \*\*p<0.05; \*\*\*p<0.001

P: Public; Pr: Private commercial; NP: Private non-profit; W: Water; Bio: Biodiversity; C: Carbon; MA: multi-functional agriculture.