## Classification

| Scenario | lm | lm-SE | RF | RF-SE | p-value |
| --- | --- | --- | --- | --- | --- |
| All | 0.769 | 0.022 | 0.861 | 0.010 | 0.003 |
| Phylo | 0.694 | 0.019 | 0.836 | 0.013 | 0.000 |
| Seed | 0.615 | 0.015 | 0.833 | 0.010 | 0.000 |
| Env | 0.722 | 0.025 | 0.697 | 0.015 | 0.405 |
| Phlyo.Seed | 0.743 | 0.026 | 0.837 | 0.012 | 0.007 |
| Phylo.Env | 0.740 | 0.021 | 0.852 | 0.012 | 0.001 |
| Env.Seed | 0.738 | 0.025 | 0.823 | 0.012 | 0.010 |

## Regression

| Scenario | lm | lm-SE | RF | RF-SE | p-value |
| --- | --- | --- | --- | --- | --- |
| All | 0.199 | 0.026 | 0.416 | 0.019 | 0.000 |
| Phylo | 0.091 | 0.022 | 0.317 | 0.026 | 0.000 |
| Seed | 0.015 | 0.007 | 0.337 | 0.023 | 0.000 |
| Env | 0.119 | 0.014 | 0.124 | 0.018 | 0.833 |
| Phlyo.Seed | 0.132 | 0.026 | 0.324 | 0.028 | 0.000 |
| Phylo.Env | 0.157 | 0.022 | 0.383 | 0.022 | 0.000 |
| Env.Seed | 0.172 | 0.030 | 0.329 | 0.020 | 0.001 |