## 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 | 0.187 | 0.024 | 0.417 | 0.019 | 0.000 |
| Phylo | 0.097 | 0.024 | 0.319 | 0.027 | 0.000 |
| Seed | 0.005 | 0.006 | 0.338 | 0.024 | 0.000 |
| Env | 0.126 | 0.019 | 0.125 | 0.018 | 0.973 |
| Phlyo.Seed | 0.135 | 0.022 | 0.325 | 0.028 | 0.000 |
| Phylo.Env | 0.155 | 0.022 | 0.381 | 0.021 | 0.000 |
| Env.Seed | 0.145 | 0.022 | 0.332 | 0.019 | 0.000 |