**Table S6.**Correlation analysis P-value for taxonomic assignment based upon a known dataset.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **Truth (%)** | **BLASTn** | **Qiime tax** | **RDP classification** |
| *Truth (%)* | ***0*** | ***< 0.0001*** | ***< 0.0001*** | *0.142* |
| *BLASTn* | ***< 0.0001*** | ***0*** | ***< 0.0001*** | *0.171* |
| *Qiime tax* | ***< 0.0001*** | ***< 0.0001*** | ***0*** | *0.129* |
| *RDP classification* | *0.142* | *0.171* | *0.129* | ***0*** |