**95% confidence intervals**
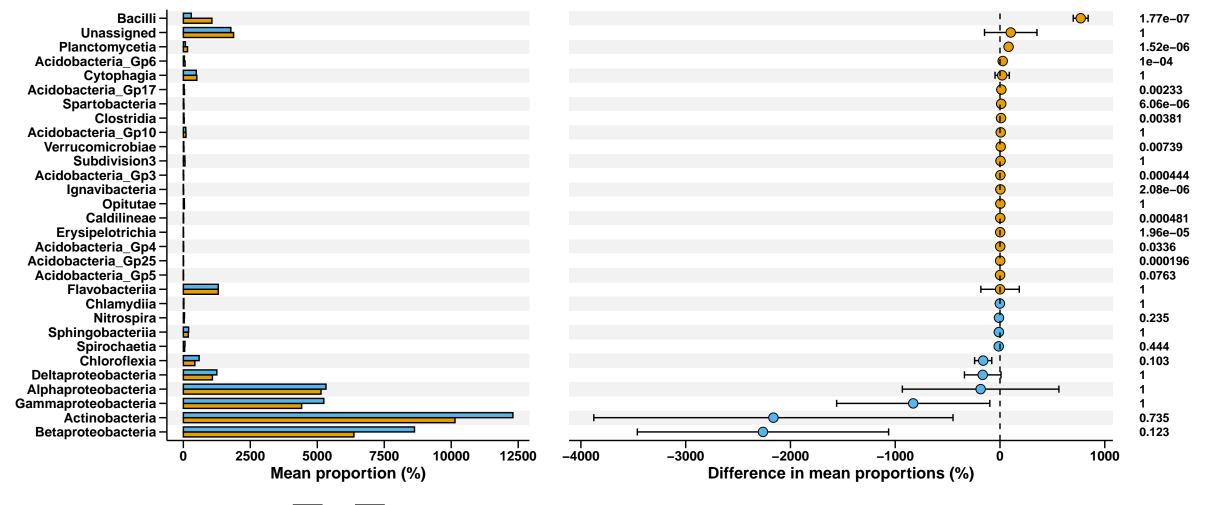
| Taxon | P-value (corrected) |
|---|---|
| Bacilli | 1.77e−07 |
| Unassigned | 1 |
| Planctomycetia | 1.52e−06 |
| Acidobacteria_Gp6 | 1e−04 |
| Cytophagia | 1 |
| Acidobacteria_Gp17 | 0.00233 |
| Spartobacteria | 6.06e−06 |
| Clostridia | 0.00381 |
| Acidobacteria_Gp10 | 1 |
| Verrucomicrobiae | 0.00739 |
| Subdivision3 | 1 |
| Acidobacteria_Gp3 | 0.000444 |
| Ignavibacteria | 2.08e−06 |
| Opitutae | 1 |
| Caldilineae | 0.000481 |
| Erysipelotrichia | 1.96e−05 |
| Acidobacteria_Gp4 | 0.0336 |
| Acidobacteria_Gp25 | 0.000196 |
| Acidobacteria_Gp5 | 0.0763 |
| Flavobacteriia | 1 |
| Chlamydiia | 1 |
| Nitrospira | 0.235 |
| Sphingobacteriia | 1 |
| Spirochaetia | 0.444 |
| Chloroflexia | 0.103 |
| Deltaproteobacteria | 1 |
| Alphaproteobacteria | 1 |
| Gammaproteobacteria | 1 |
| Actinobacteria | 0.735 |
| Betaproteobacteria | 0.123 |

**Mean proportion (%)** — **Difference in mean proportions (%)** — **P-value (corrected)**

OE    WT