|  |  |  |
| --- | --- | --- |
| First author | Respiratory pathogen | Gut microbiome alpha diversity value (+ SE)a |
| Shannon DI | OTUs | Chao1 |
| RTI | Healthy | RTI | Healthy | RTI | Healthy |
| Ren Z. | SARS-CoV-2 | 1.90 + 0.40 | 3.56 + 0.50 | ND | ND | ND | ND |
| Gu | SARS-CoV-2 | 3.10 | 3.80 | 911 | 922 | 285 | 390 |
| Ren X. | CAP | 3.12 ± 0.32 | 4.98 ± 0.16 | 250.5 ± 22.87 | 277.8 ± 16.04 | 297.7 | 333.9 |
| Hu | TB | 1.88 ± 0.53 | 2.05 ± 0.47 | 65 ± 15 | 90 ± 15 | ND | ND |
| Li W. | TB | 4.4 ± 0.87 | 5.4 ± 0.90 | 592 ± 259 | 716 ± 235 | 751 | 931 |
| Luo | nTB | 5.50b | 5.54b | 632 | 533 | 520 | 500 |
| Luo | rTB | 5.00b | 5.54b | 675 | 533 | 540 | 500 |
| Li L.  | RRTIs | 2.19 ± 0.87 | 2.63 ± 0.78 | 280 | 311 | 104.79 ± 36.02 | 162.67 ± 51.99 |
| Gu | Influenza (H1N1) | 2.20 | 3.80 | 960 | 922 | 120 | 390 |
| Qin | Influenza (H7N9) | 2.10b | 2.30b | ND | ND | ND | ND |