**S2 Table. Comparisons of fecal *Lactobacillus* counts between stroke patients and control subjects.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Bacterial counts (log10 cells/g) | | | | Detection rate (%)a | | |
|  | Stroke patientsb | Controlsb | *p*-valuec | *q*d | Stroke patients | Controls | *p*e |
| *L. gasseri* subgroup | 6.4 ± 1.8 | 6.4 ± 1.2 | 0.90 | 0.90 | 98 | 93 | 0.34 |
| *L. brevis* | 3.9 ± 1.0 | 4.8 ± 1.5 | 0.13 | 0.26 | 29 | 25 | 0.80 |
| *L. casei* subgroup | 5.2 ± 1.4 | 5.2 ± 1.4 | 0.90 | 0.90 | 66 | 58 | 0.50 |
| *L. fermentum* | 6.7 ± 1.3 | 6.3 ± 1.4 | 0.24 | 0.49 | 63 | 55 | 0.50 |
| *L. fructivorans* | 3.1 | <2.3 | — | — | 2 | 0 | 1.00 |
| *L. plantarum* subgroup | 4.6 ± 1.5 | 4.7 ± 1.5 | 0.78 | 0.90 | 68 | 78 | 0.46 |
| *L. reuteri* subgroup | 5.7 ± 1.4 | 5.4 ± 1.4 | 0.37 | 0.59 | 95 | 83 | 0.09 |
| *L. ruminis* subgroup | 7.1 ± 2.1 | 5.4 ± 1.8 | 0.003 | 0.02 | 63 | 55 | 0.50 |
| *L. sakei* subgroup | 4.2 ± 1.0 | 4.8 ± 1.2 | 0.04 | 0.12 | 80 | 80 | 1.00 |

aDetection rate represents the percentage of fecal samples that contained specific bacterial groups/genera/species above the detection threshold.

bMean and standard deviations are indicated

cStatistical differences were examined using the Mann-Whitney *U* test.

d*q* values were calculated using the Benjamini and Hochberg method.

eStatistical differences were analyzed using Fisher’s exact test.