**Table S2. The comparison between the 66 selected subject with cytokine data vs 150 subjects with only microbiome data**

|  |  |  |
| --- | --- | --- |
| **Characteristics** | **Total Sample (N=150)** | **Selected Samples (N=66)** |
|
|
| Age (in years), mean (SD) | 27.6 (16.7) | 27 (15.7) |
| Sex, female, n(%) | 84 (56) | 34 (51.5) |
| **Proportion (in %) of the 6 most abundant bacteria** |  |  |
| **phyla, mean(SD)** |  |  |
| Actinobacteria | 11.7 (8.4) | 9.4 (7.0) |
| Bacteroidetes | 6.9 (11.2) | 7.5 (11.4) |
| Firmicutes | 68.6 (13.6) | 71.9 (11.8) |
| Proteobacteria | 9.4 (8.1) | 8.5 (6.6) |
| Unclassified\*) | 2.3 (2.8) | 2.1 (2.5) |
| Pooled#) | 1.1 (2.7) | 0.6 (0.9) |