|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Shannon-Diversity-Indices** | | | **Observed species** | | |
|  | **IP\_mother** | **mother** | **IP\_father** | **IP\_mother** | **mother** | **IP\_father** |
| **mother** | 0.029 | - | - | 0.029 | - | - |
| **IP\_father** | 0.092 | 0.910 | - | 0.092 | 0.910 | - |
| **father** | 0.261 | 0.261 | 0.261 | 0.261 | 0.261 | 0.261 |

**S1 Table. Comparison of parental alpha diversity using pairwise Wilcoxon rank-sum tests.** Differences in alpha-diversity were tested using Wilcoxon rank-sum test. Alpha diversity from samples of parents from ADHD children [IP\_mother (n =14), IP\_father (n=10)] were tested against parents from control children [mother (n = 17), father (n = 12)].