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| --- | --- |
| **Table S5. Comparison of alpha diversity indexes between human milk and neonatal stool samples.** |  |
| Index | Human milk  | Neonatal stool | *p-*value | *q-*value | Effect Size  |
|  | n=46 | n=60 |  |  |  |
| Observed | 408.24 ± 156.21 | 242.63 ± 213.77 | < 0.001 | 0.0106 | 0.861 |
| Chao1 | 700.58 ± 226.14 | 435.81 ± 339.90 | < 0.001 | 0.0106 | 0.894 |
| Shannon | 2.81 ± 0.95 | 2.01 ± 1.16 | < 0.001 | 0.0106 | 0.745 |
| Simpson | 0.77 ± 0.18 | 0.64 ± 0.25 |  0.006 | 0.6360 | 0.584 |
| Values are mean ± SD, *p*-value were calculated by Mann Whitney U-test. *p-*value was corrected by Benjamini-Hochberg method and generated FDR value (*q-*value). *p* < 0.05 and q < 0.05 are considered statistically significant. Effect size was calculated using Hedges’ *g*. |