**Table S1.** Association between CD4+ cell count and infection with *Cryptosporidium* species or *C. parvum* and *C. hominis* subtypes in HIV/AIDS patients in Ethiopia\*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   | **Parameter** | **Total patients** | **Number of patients with CD4+ count (cells/µl)**  | **Unadjusted OR (95% CI)\*\*** | ***P*** |
| **<200** | **>=200** |
| a |  **Infection with *Cryptosporidium*** |
|  | *Positive* | 137 | 35 | 102 | 0.97(0.62 -1.52) | 0.90 |
|  | Negative | 379 | 99 | 280 |
| b | ***Cryptosporidium* species#**  |
|  | *C. parvum* | 89 | 22 | 67 | 0.93(0.55-1.58) | 0.79 |
|  | *C. hominis* | 25 | 10 | 15 | 1.89(0.82-4.33) | 0.14 |
|  | *C. viatorum* | 10 | 1 | 9 | 0.31(0.04-2.51) | 0.28 |
|  | *C. meleagridis/ C. felis/ C. canis/ C. xiaoi* | 12 | 2 | 10 | 0.57(0.12-2.63) | 0.47 |
|  | No *Cryptosporidium* | 379 | 99 | 280 | Referent |   |
| c | **Subtype family#** |
|  | *C. parvum* |  |  |  |  |  |
|  | IIa | 69 | 19 | 50 | 1.07(0.60-1.91) | 0.81 |
|  | IIb/IIc/IId/IIe/If-like | 10 | 3 | 7 | 1.21(0.31-4.78) | 0.78 |
|  | *C. hominis* |  |  |  |   |   |
|  | Id | 13 | 5 | 8 | 1.77(0.57-5.53) | 0.33 |
|  | Ib/Ie | 6 | 2 | 4 | 1.41(0.26-7.84) | 0.69 |
|   | No *Cryptosporidium* | 379 | 99 | 280 | Referent |   |

\* Three in *Cryptosporidium*-positive group and one in *Cryptosporidium*-negative group had missing CD4+ data.

\*\*95% CI: 95% confidence intervals

*#*For each *Cryptosporidium* species or subtype family, patients with the species or subtype family were taken as “positive”, patients who were not infected at all were taken as “negative” (referent), while patients infected with other species or subtype families were not included in this specific model.