|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Supplementary Table 1. Laboratory confirmed infections by infection status, Study to Explore Early Development (SEED), 2003-2006 births. | | | | | |
| **Organism** | | **Infection Status** | **ASD (N=606)** | **DD**  **(N=856)** | **POP (N=796)** | |
| ***Any*** | ***Any*** | Infected | 155  (25.58) | 197  (23.01) | 197  (24.75) |
|  |  | Not Infected | 53  (8.75) | 62  (7.24) | 53  (6.66) |
|  |  |  |  |  |  |
| ***Bacteria*** | ***Any Bacteria*** | Infected | 131  (21.62) | 151  (17.64) | 154  (19.35) |
|  |  | Not Infected | 33  (5.45) | 39  (4.56) | 39  (4.90) |
|  |  |  |  |  |  |
|  | **A. baumannii** | Infected | 1  (0.17) | 0  (0.00) | 0  (0.00) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Chlamydia** | Infected | 1  (0.17) | 2  (0.23) | 1  (0.13) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 1  (0.13) |
|  |  |  |  |  |  |
|  | **Citrobacter amalonaticus** | Infected | 0  (0.00) | 1  (0.12) | 0  (0.00) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Coagulase-negative staphylococci (CoNS)** | Infected | 1  (0.17) | 0  (0.00) | 0  (0.00) |
|  |  | Not Infected |  |  |  |
|  |  |  |  |  |  |
|  | **Diphtheroids** | Infected | 4  (0.66) | 1  (0.12) | 0  (0.00) |
|  |  | Not Infected | 2  (0.33) | 0  (0.00) | 1  (0.13) |
|  |  |  |  |  |  |
|  | **E. coli** | Infected | 14  (2.31) | 10  (1.17) | 13  (1.63) |
|  |  | Not Infected | 1  (0.17) | 2  (0.23) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **E. hermannii** | Infected | 1  (0.17) | 0  (0.00) | 0  (0.00) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
| Supplementary Table 1 (Continued). Laboratory confirmed infections by infection status, Study to Explore Early Development (SEED), 2003-2006 births. | | | | | |
| **Organism** | | **Infection Status** | **ASD (N=606)** | **DD**  **(N=856)** | **POP (N=796)** |
| **Bacteria** | **E. aerogenes** | Infected | 0  (0.00) | 0  (0.00) | 1  (0.13) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Enterococcus** | Infected | 2  (0.33) | 6  (0.70) | 3  (0.38) |
|  |  | Not Infected | 0  (0.00) | 1  (0.12) | 1  (0.13) |
|  |  |  |  |  |  |
|  | **Gamma streptococcus** | Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  | Not Infected | 1  (0.17) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Haemophilus** | Infected | 0  (0.00) | 0  (0.00) | 1  (0.13) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Group A streptococcus (GAS)** | Infected | 1  (0.16) | 0  (0.00) | 4  (0.50) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Group B streptococcus (GBS)** | Infected | 94  (15.51) | 97  (11.33) | 109  (13.69) |
|  |  | Not Infected | 12  (1.98) | 29  (3.39) | 21  (2.64) |
|  |  |  |  |  |  |
|  | **Gardnerella vaginalis** | Infected | 1  (0.17) | 3  (0.35) | 2  (0.25) |
|  |  | Not Infected | 1  (0.17) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Gonorrhea** | Infected | 2  (0.33) | 3  (0.35) | 2  (0.25) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
| Supplementary Table 1 (Continued). Laboratory confirmed infections by infection status, Study to Explore Early Development (SEED), 2003-2006 births | | | | | |
| **Organism** | | **Infection Status** | **ASD (N=606)** | **DD**  **(N=856)** | **POP (N=796)** |
| **Bacteria** | **Klebsiella pneumoniae** | Infected | 1  (0.17) | 6  (0.70) | 2  (0.25) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Lactobacillus** | Infected | 10  (1.65) | 20  (2.34) | 15  (1.88) |
|  |  | Not Infected | 4  (0.66) | 1  (0.12) | 7  (0.88) |
|  |  |  |  |  |  |
|  | **Proteus** | Infected | 2  (0.33) | 1  (0.12) | 2  (0.25) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Unspecified bacteria** | Infected | 20  (3.30) | 21  (2.45) | 18  (2.26) |
|  |  | Not Infected | 13  (2.15) | 7  (0.82) | 9  (1.13) |
|  |  |  |  |  |  |
| ***Fungus*** | ***Any Fungus*** | Infected | 8  (1.32) | 12  (1.40) | 11  (1.38) |
|  |  | Not Infected | 0  (0.00) | 1  (0.12) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Candida** | Infected | 4  (0.66) | 7  (0.82) | 3  (0.38) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Hyphae** | Infected | 0  (0.00) | 2  (0.23) | 3  (0.38) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Unspecified Fungus** | Infected | 5  (0.83) | 3  (0.35) | 5  (0.63) |
|  |  | Not Infected | 0  (0.00) | 1  (0.12) | 0  (0.00) |
|  |  |  |  |  |  |
| Supplementary Table 1 (Continued). Laboratory confirmed infections by infection status, Study to Explore Early Development (SEED), 2003-2006 births | | | | | |
| **Organism** | | **Infection Status** | **ASD (N=606)** | **DD**  **(N=856)** | **POP (N=796)** |
| ***Parasite*** | ***Any Parasite*** | Infected | 2  (0.33) | 1  (0.12) | 2  (0.25) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Trichomonas** | Infected | 2  (0.33) | 1  (0.12) | 2  (0.25) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
| ***Virus*** | ***Any Virus*** | Infected | 0  (0.00) | 2  (0.23) | 0  (0.00) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 1  (0.13) |
|  |  |  |  |  |  |
|  | **Human papillomavirus (HPV)** | Infected | 0  (0.00) | 1  (0.12) | 0  (0.00) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 0  (0.00) |
|  |  |  |  |  |  |
|  | **Herpes simplex** | Infected | 0  (0.00) | 1  (0.12) | 0  (0.00) |
|  |  | Not Infected | 0  (0.00) | 0  (0.00) | 1  (0.13) |
|  |  |  |  |  |  |
| ***Unspecified*** |  | Infected | 32  (5.28) | 62  (7.24) | 47  (5.90) |
|  |  | Not Infected | 25  (4.13) | 26  (3.04) | 14  (1.76) |