## Table S2.3. Comparison of bacterial Shannon diversity of black-capped chickadee feces samples **among** kits, rinsing solutions, and numbers of elution **estimated with a** linear model (n=77) **and of blue tit fecal samples among kits estimated with a linear model (n=10) with 95% confidence intervals.**

| Kit | Rinsing solution | Number of elution | Estimate | 95% CI |
| --- | --- | --- | --- | --- |
| BLACK-CAPPED CHICKADEE | | | | |
| MagMAX | PBS | 1 | 3.95 | [3.78, 4.12] |
|  | Water | 1 | 3.99 | [3.82, 4.16] |
| QuickDNA | PBS | 1 | 4.43 | [4.25, 4.60] |
|  | Water | 1 | 4.46 | [4.28, 4.64] |
| PowerSoil Pro | PBS | 1 | 4.56 | [4.42, 4.71] |
|  |  | 2 | 4.57 | [4.43, 4.72] |
|  | Water | 1 | 4.60 | [4.46, 4.74] |
|  |  | 2 | 4.61 | [4.47, 4.75] |
| StoolNorgen | PBS | 1 | 3.51 | [3.36, 3.65] |
|  |  | 2 | 3.52 | [3.37, 3.66] |
|  | Water | 1 | 3.54 | [3.40, 3.68] |
|  |  | 2 | 3.55 | [3.41, 3.69] |
| PureLink | PBS | 1 | 4.07 | [3.93, 4.22] |
|  |  | 2 | 4.08 | [3.93, 4.23] |
|  | Water | 1 | 4.11 | [3.96, 4.25] |
|  |  | 2 | 4.12 | [3.97, 4.27] |
| BLUE TIT | | | | |
| MagMAX | PBS | 1 | 5.35 | [5.04, 5.65] |
| PureLink | PBS | 1 | 5.08 | [4.77, 5.38] |