S2 Table

| Bird ID | model structure | K | Δ AICc | AICc Wt. | ln(likelihood) |
| --- | --- | --- | --- | --- | --- |
| GREG\_1 | wetland type \* step length | 20 | 0.0 | 1 | -12,499.216 |
|  | wetland type \* depth2 | 14 | 423.3 | 0 | -12,716.888 |
| GREG\_2 | wetland type \* step length | 20 | 0.0 | 1 | -16,597.990 |
|  | wetland type \* depth2 | 14 | 363.7 | 0 | -16,785.850 |
| GREG\_3 | wetland type \* step length | 20 | 0.0 | 1 | -11,726.058 |
|  | wetland type \* depth2 | 14 | 601.1 | 0 | -12,032.630 |
| GREG\_5 | wetland type \* step length | 20 | 0.0 | 1 | -4,439.276 |
|  | wetland type \* depth2 | 14 | 129.4 | 0 | -4,509.970 |
| GREG\_6 | wetland type \* step length | 20 | 0.0 | 1 | -11,050.044 |
|  | wetland type \* depth2 | 14 | 169.3 | 0 | -11,140.700 |
| GREG\_8 | wetland type \* step length | 20 | 0.0 | 1 | -16,586.095 |
|  | wetland type \* depth2 | 14 | 361.9 | 0 | -16,773.035 |
| GREG\_10 | wetland type \* step length | 20 | 0.0 | 1 | -16,766.456 |
|  | wetland type \* depth2 | 14 | 140.6 | 0 | -16,842.749 |