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|  | False Map Turtle | | | | Painted Turtle | | | |
|  | Preliminary Trial | Trial 1 | Trial 2 | Trial 3 | Preliminary Trial | Trial 1 | Trial 2 | Trial 3 |
| 0 ug/L | 71.69 (46.65 – 115.96) | 57.81 (35.04 – 99.70) | 76.56 (45.40 – 134.98) | 65.44 (39.48 – 117.26) | 95.56 (60.73 – 155.90) | 89.28 (52.88 – 160.19) | 104.72 (60.86 – 195.95) | 107.54 (63.13 – 202.65) |
| 0.1 ug/L | 70.50 (41.41 – 129.01) | 60.81 (29.98 – 142.60) | 91.58 (49.54 – 190.03) | 69.83 (38.66 – 139.99) | 60.09 (33.67 – 118.50) | 95.91 (50.55 – 202.98) | 70.92 (41.30 – 131.51) | 67.83 (37.07 – 141.98) |
| 1 ug/L | 58.90 (32.84 – 111.85) | 63.53 (36.25 – 125.94) | 68.05 (40.85 – 122.65) | 64.86 (32.66 – 146.34) | 86.20 (51.80 – 158.81) | 118.38 (70.64 – 220.54) | 72.69 (42.35 – 137.89) | 124.94 (73.22 – 233.04) |
| 10 ug/L | 82.04 (49.84 – 144.20) | 62.07 (35.34 – 118.49) | 77.84 (41.06 – 162.98) | 53.36 (27.01 – 117.72) | 99.39 (58.85 – 179.23) | 94.97 (42.80 – 256.96) | 104.20 (61.70 – 195.24) | 123.08 (65.47 – 259.278) |

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|  | False Map Turtle | | | |  | Painted Turtle | | | |
|  | **Preliminary Trial** | **Trial 1** | **Trial 2** | **Trial 3** |  | **Preliminary Trial** | **Trial 1** | **Trial 2** | **Trial 3** |
| **0 ug/L** | 71.7  (46.7–116.0) | 57.8  (35.0–99.7) | 76.6  (45.4–135.0) | 65.4  (39.5–117.3) |  | 95.6  (60.7–155.9) | 89.3  (52.9–160.2) | 104.7  (60.9–196.0) | 107.5  (63.1–202.7) |
| **0.1 ug/L** | 70.5  (41.4–129.0) | 60.8  (30.0–142.6) | 91.6  (49.5–190.0) | 69.8  (38.7–140.0) |  | 60.1  (33.7–118.5) | 95.9  (50.6–203.0) | 70.9  (41.3–131.5) | 67.8  (37.1–142.0) |
| **1 ug/L** | 58.9  (32.8–111.9) | 63.5  (36.3–125.9) | 68.1  (40.9–122.7) | 64.9  (32.7–146.3) |  | 86.2  (51.8–158.8) | 118.4  (70.6–220.5) | 72.7  (42.4–137.9) | 124.9  (73.2–233.0) |
| **10 ug/L** | 82.0  (49.8–144.2) | 62.1  (35.3–118.5) | 77.8  (41.1–163.0) | 53.4  (27.0–117.7) |  | 99.4  (58.9–179.2) | 95.0  (42.8–257.0) | 104.2  (61.7–195.2) | 123.1  (65.5–259.3) |

Table 1: Median predicted values of time spent foraging in seconds from posterior distribution with 95% credible intervals

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|  | False Map Turtle | | | |  |  |  | Painted Turtle | | | |
|  | **0 ug/L – 0.1 ug/L** | **0 ug/L – 1 ug/L** | **0 ug/L – 10 ug/L** | **0.1 ug/L – 1 ug/L** | **0.1 ug/L – 10 ug/L** | **1 ug/L – 10 ug/L** |  | **Preliminary Trial** | **Trial 1** | **Trial 2** | **Trial 3** |
| **Preliminary Trial** | 51.7 | 72.9 | 33.1 | 67.1 | 34.1 | 20.1 |  | 95.6  (60.7–155.9) | 89.3  (52.9–160.2) | 104.7  (60.9–196.0) | 107.5  (63.1–202.7) |
| **Trial 1** | 45.3 | 40.7 | 42.4 | 45.7 | 48.6 | 52.0 |  | 60.1  (33.7–118.5) | 95.9  (50.6–203.0) | 70.9  (41.3–131.5) | 67.8  (37.1–142.0) |
| **Trial 2** | 32.2 | 61.8 | 47.1 | 76.0 | 63.4 | 38.5 |  | 86.2  (51.8–158.8) | 118.4  (70.6–220.5) | 72.7  (42.4–137.9) | 124.9  (73.2–233.0) |
| **Trial 3** | 43.2 | 50.4 | 68.5 | 56.3 | 71.2 | 64.7 |  | 99.4  (58.9–179.2) | 95.0  (42.8–257.0) | 104.2  (61.7–195.2) | 123.1  (65.5–259.3) |