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| --- | --- | --- | --- | --- | --- |
|  |  |  | **RMSE 0.15** | **RMSE 0.10** | **RMSE 0.05** |
| **Species** | Ψ | P | Sites1 x occasions | Total Survey effort | Cost($) | Sites1 x occasions | Total Survey effort  | Cost ($) | Sites1 x occasions | Total Survey effort  | Cost ($) |
| **Spotted Skunk** | 0.245 | 0.023 | 20 x 100 | 2000 | 6000 | 20 x 120 | 2400 | 6200 | 40 x 120 | 4800 | 11200 |
| **Elk** | 0.585 | 0.024 | 20 x 80 | 1600 | 5800 | 30 x 120 | 3600 | 8700 | 60 x 100 | 6000 | 16000 |
| **Mountain Lion** | 0.600 | 0.030 | 20 x 80 | 1600 | 5800 | 30 x 100 | 3000 | 8500 | 50 x 120 | 6000 | 13700 |
| **Coyote** | 0.861 | 0.031 | 10 x 60 | 600 | 3100 | 20 x 80 | 1600 | 5800 | 30 x 80 | 2400 | 8300 |
| **Bobcat** | 0.970 | 0.040 | 10 x 40 | 400 | 2900 | 10 x 60 | 600 | 3100 | 10 x 80 | 800 | 3300 |
| **Gray Fox** | 0.400 | 0.063 | 10 x 80 | 800 | 3300 | 30 x 40 | 1200 | 7900 | 40 x 120 | 4800 | 11200 |
| **Black Bear** | 0.504 | 0.072 | 20 x 40 | 800 | 5400 | 30 x 40 | 1200 | 7900 | 50 x 40 | 2000 | 12900 |
| **Virtual sp. 1** | 0.200 | 0.120 | 10 x 40 | 400 | 2900 | 20 x 40 | 800 | 5400 | 30 x 60  | 1800 | 8100 |
| **Virtual sp. 2** | 0.400 | 0.l60 | 10 x 40 | 400 | 2900 | 30 x 20 | 600 | 7700 | 40 x 80 | 3200 | 10800 |
| **Virtual sp. 3** | 0.600 | 0.120 | 10 x 40 | 400 | 2900 | 30 x 40 | 1200 | 7900 | 40 x 80 | 3200 | 10800 |
| **Mule Deer** | 0.925 | 0.141 | 10 x 20 | 200 | 2700 | 10 x 20 | 200 | 2700 | 20 x 20 | 400 | 5200 |
| **Cottontail Rabbit** | 0.925 | 0.190 | 10 x 20 | 200 | 2700 | 10 x 20 | 200 | 2700 | 20 x 20 | 400 | 5200 |

1 Sites are the number of cameras and occasions are the number of survey days at each site.