Table S5. Average scores on the cognitive tasks by species.

| Common Name | Latin Name | Cylinder Task | A not B Task | Composite Score |
| --- | --- | --- | --- | --- |
| aye aye | *Daubentonia madagascariensis* | 51.0 | - | - |
| black lemur | *Eulemur macaco* | 51.0 | 60.0 | 55.5 |
| bonobo | *Pan paniscus* | 95.0 | 100.0 | 97.5 |
| brown lemur | *Eulemur fulvus* | 43.3 | - | - |
| capuchin monkey | *Cebus apella* | 95.9 | 86.2 | 91.1 |
| chimpanzee | *Pan troglodytes* | 100.0 | 86.7 | 93.3 |
| Coquerel's sifaka | *Propithecus coquereli* | 36.4 | 30.0 | 33.2 |
| coyote | *Canis latrans* | 95.0 | 28.6 | 61.8 |
| domestic dog | *Canis familiaris* | 79.1 | 89.4 | 84.2 |
| Asian elephant | *Elephas maximus* | - | 0.0 | - |
| Eurasian jay | *Garrulus glandarius* | 58.3 | 16.7 | 37.5 |
| fox squirrel | *Scurius niger* | 66.9 | 12.5 | 39.7 |
| golden snub-nosed monkey | *Rhinopithecus roxellana* | 35.0 | 55.6 | 45.3 |
| golden-headed lion tamarin | *Leontopithecus chrysomelas* | 63.0 | - | - |
| gorilla | *Gorilla gorilla* | 94.4 | 100.0 | 97.2 |
| gray wolf | *Canis lupus* | 77.3 | - | - |
| hamadryus baboon | *Papio hamadryas* | 67.8 | 63.6 | 65.7 |
| long-tailed macaque | *Macaca fascicularis* | - | 66.7 | - |
| marmoset | *Callithrix jacchus* | 31.9 | 60.0 | 46.0 |
| Mongolian gerbil | *Meriones unguiculatus* | 68.9 | 20.0 | 44.4 |
| mongoose lemur | *Eulemur mongoz* | 59.0 | 50.0 | 54.5 |
| olive baboon | *Papio anubis* | 76.3 | 100.0 | 88.1 |
| orange-winged amazon | *Amazona amazonica* | 50.8 | 10.0 | 30.4 |
| orangutan | *Pongo pygmaeus* | 99.1 | 91.7 | 95.4 |
| red-bellied lemur | *Eulemur rubriventer* | 63.8 | - | - |
| rhesus macaque | *Macaca mulatta* | 80.0 | - | - |
| ring-tailed lemur | *Lemur catta* | 68.1 | 40.0 | 54.0 |
| ruffed lemur | *Varecia variegata* | 69.7 | 10.0 | 39.8 |
| song sparrow | *Melospiza melodia* | 26.5 | - | - |
| spider monkey | *Ateles geoffroyi* | - | 93.3 | - |
| squirrel monkey | *Saimiri sciureus* | 33.7 | 15.8 | 24.7 |
| stump-tailed macaque | *Macaca arctoides* | - | 57.1 | - |
| swamp sparrow | *Melospiza georgiana* | 26.1 | - | - |
| western scrub jay | *Aphelocoma californica* | 76.7 | 16.7 | 46.7 |
| white carnea pigeon | *Columba livia* | 32.5 | 54.5 | 43.5 |
| zebra finch | *Taeniopygia guttata* | 52.2 | - | - |