**Table S1**: Details of the four experiments.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Exp. | No. birds | Sex | Age | Lights on | Light: Dark hours | Birds/aviary | SFS/aviary | Duration of FI (weeks) | Reinstatement of FS? |
| 1 | 6 | M | ~6 years | 0900-1800 | 9:15 | 2 | 1 | 2 | Yes (1 week) |
| 2 | 6 | M | ~6 years | 0900-1800 | 9:15 | 6 | 2 | 1 | no |
| 3 | 6 | M | ~6 years | 0900-1800 | 9:15 | 6 | 2 | 1 | Yes (2 weeks) |
| 4 | 6 | F | ~4 years | 0600-2100 | 15:9 | 2 | 1 | 1 FIlow and 1 FIhigh | no |

Notes:

* The six birds used in experiments 1-3 were in reproductive condition at the time of the experiments.
* The birds used in experiment 4 had been permanently maintained on long days since hand-rearing and were thus non-reproductive and non-photosensitive.