

Supplementary Information

Table S1: Averages + standard deviations of mandarin behaviour during different Social Periods

| Average % Time (\pm Standard Deviation) | | | | | | | |
|--|-------------|----------------|----------------|----------------|----------------|----------------|---------------|
| Social Period | Time of Day | Loafing | Foraging | Preening | Swimming | Vigilance | Other |
| Pre-Laying | 08:30 | 39 \pm 57.33 | 21 \pm 31.64 | 5 \pm 6.54 | 20 \pm 20.59 | 7 \pm 9.00 | 5 \pm 13.70 |
| | 09:00 | 35 \pm 50.60 | 18 \pm 29.75 | 8 \pm 11.82 | 30 \pm 23.19 | 5 \pm 8.27 | 4 \pm 10.97 |
| | 09:30 | 30 \pm 47.97 | 24 \pm 32.62 | 12 \pm 17.09 | 26 \pm 23.92 | 5 \pm 10.61 | 2 \pm 5.57 |
| | 10:00 | 26 \pm 41.22 | 30 \pm 34.11 | 5 \pm 7.80 | 23 \pm 19.26 | 8 \pm 13.77 | 5 \pm 13.41 |
| | 13:00 | 33 \pm 47.29 | 24 \pm 35.23 | 10 \pm 11.44 | 22 \pm 17.01 | 5 \pm 10.67 | 3 \pm 8.49 |
| | 13:30 | 28 \pm 49.21 | 23 \pm 29.12 | 20 \pm 17.04 | 16 \pm 15.28 | 4 \pm 8.56 | 4 \pm 9.01 |
| | 14:00 | 16 \pm 38.48 | 32 \pm 38.92 | 14 \pm 24.90 | 22 \pm 18.43 | 9 \pm 15.47 | 6 \pm 12.03 |
| | 14:30 | 30 \pm 47.42 | 25 \pm 40.19 | 17 \pm 25.12 | 18 \pm 19.80 | 7 \pm 15.00 | 2 \pm 4.77 |
| | 16:00 | 37 \pm 52.97 | 18 \pm 30.67 | 18 \pm 21.66 | 17 \pm 20.43 | 9 \pm 15.18 | 2 \pm 5.88 |
| | 16:30 | 40 \pm 58.95 | 14 \pm 25.15 | 23 \pm 31.50 | 15 \pm 18.94 | 5 \pm 11.25 | 2 \pm 7.24 |
| | 17:00 | 15 \pm 25.25 | 34 \pm 42.16 | 8 \pm 12.66 | 22 \pm 15.18 | 9 \pm 12.76 | 6 \pm 17.41 |
| | 17:30 | 26 \pm 33.37 | 26 \pm 35.55 | 17 \pm 23.85 | 13 \pm 13.62 | 7 \pm 13.06 | 3 \pm 8.28 |
| Laying | 08:30 | 62 \pm 37.42 | 6 \pm 8.57 | 6 \pm 5.99 | 19 \pm 18.45 | 1 \pm 1.65 | 0 \pm 0.00 |
| | 09:00 | 51 \pm 61.06 | 15 \pm 24.46 | 12 \pm 6.56 | 16 \pm 18.04 | 0 \pm 1.38 | 2 \pm 4.77 |
| | 09:30 | 42 \pm 57.29 | 6 \pm 13.42 | 13 \pm 17.61 | 35 \pm 26.65 | 3 \pm 6.92 | 0 \pm 1.38 |
| | 10:00 | 36 \pm 55.27 | 17 \pm 28.85 | 8 \pm 12.29 | 29 \pm 23.75 | 2 \pm 3.20 | 2 \pm 3.50 |
| | 13:00 | 67 \pm 63.49 | 8 \pm 10.31 | 8 \pm 8.14 | 15 \pm 14.04 | 2 \pm 3.32 | 2 \pm 3.50 |
| | 13:30 | 27 \pm 35.64 | 19 \pm 25.70 | 4 \pm 4.37 | 37 \pm 17.32 | 8 \pm 7.45 | 3 \pm 4.08 |
| | 14:00 | 38 \pm 64.17 | 9 \pm 25.69 | 30 \pm 37.25 | 10 \pm 11.59 | 7 \pm 18.03 | 1 \pm 1.65 |
| | 14:30 | 50 \pm 46.51 | 6 \pm 10.28 | 21 \pm 20.95 | 6 \pm 6.23 | 6 \pm 8.63 | 1 \pm 1.75 |
| | 16:00 | 38 \pm 16.50 | 17 \pm 2.36 | 12 \pm 9.43 | 22 \pm 6.24 | 12 \pm 2.36 | 0 \pm 0.00 |
| | 16:30 | 46 \pm 45.94 | 9 \pm 19.54 | 21 \pm 16.29 | 14 \pm 15.70 | 3 \pm 4.96 | 0 \pm 2.17 |
| | 17:00 | 47 \pm 37.14 | 3 \pm 5.33 | 13 \pm 13.33 | 21 \pm 15.89 | 7 \pm 6.71 | 1 \pm 2.08 |
| | 17:30 | 46 \pm 48.52 | 7 \pm 16.38 | 8 \pm 8.66 | 14 \pm 14.24 | 8 \pm 6.58 | 4 \pm 10.43 |
| Post-Incubation | 08:30 | 10 \pm 29.36 | 27 \pm 33.25 | 5 \pm 3.40 | 20 \pm 16.53 | 32 \pm 27.34 | 2 \pm 4.47 |
| | 09:00 | 28 \pm 38.02 | 16 \pm 20.43 | 11 \pm 12.44 | 19 \pm 13.04 | 20 \pm 21.79 | 3 \pm 5.18 |
| | 09:30 | 64 \pm 72.91 | 9 \pm 21.47 | 13 \pm 15.31 | 8 \pm 16.10 | 5 \pm 13.05 | 1 \pm 2.86 |
| | 10:00 | 48 \pm 72.95 | 4 \pm 9.23 | 9 \pm 14.67 | 20 \pm 27.13 | 15 \pm 23.52 | 2 \pm 4.96 |
| | 13:00 | 41 \pm 61.53 | 14 \pm 20.36 | 13 \pm 24.83 | 14 \pm 15.27 | 11 \pm 17.02 | 1 \pm 1.57 |
| | 13:30 | 42 \pm 61.03 | 15 \pm 28.32 | 10 \pm 16.11 | 16 \pm 14.96 | 13 \pm 24.68 | 0 \pm 0.00 |
| | 14:00 | 21 \pm 29.11 | 24 \pm 22.47 | 14 \pm 13.88 | 18 \pm 16.28 | 16 \pm 19.82 | 2 \pm 6.08 |
| | 14:30 | 46 \pm 70.05 | 13 \pm 22.88 | 12 \pm 13.27 | 11 \pm 14.48 | 14 \pm 20.79 | 1 \pm 4.09 |
| | 16:00 | 30 \pm 50.57 | 15 \pm 24.03 | 15 \pm 17.04 | 24 \pm 20.16 | 12 \pm 14.09 | 2 \pm 5.47 |
| | 16:30 | 30 \pm 55.96 | 6 \pm 9.60 | 13 \pm 14.44 | 24 \pm 19.79 | 15 \pm 17.46 | 1 \pm 3.00 |
| | 17:00 | 16 \pm 26.06 | 27 \pm 42.32 | 19 \pm 17.81 | 16 \pm 13.59 | 17 \pm 25.21 | 4 \pm 8.31 |
| | 17:30 | 26 \pm 55.78 | 23 \pm 31.71 | 11 \pm 18.25 | 19 \pm 22.20 | 18 \pm 19.77 | 2 \pm 3.73 |