

Table S1 Results from simulations with harem sizes of 2, 3 or 18 females with the "long" age structure.

| | N_{e-mt} | N_{e-x} | N_{e-a} | N_{e-y} | N_{e-mt} / N_{e-a} | N_{e-x} / N_{e-a} | N_{e-y} / N_{e-a} |
|-----------------------------|-----------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|---------------------|---------------------|
| 2 females per harem | | | | | | | |
| Theoretical expectation | 182.0 | 544.2 | 724.4 | 180.2 | 0.251 | 0.751 | 0.249 |
| "Seasonal harem" | 195.9 | 563.6 | 684.5 | 209.9 | 0.286 | 0.823 | 0.307 |
| | (156.9 – 235.0) | (498.0 – 629.6) | (612.0 – 757.4) | (170.6 – 249.3) | (0.226 – 0.353) | (0.698 – 0.967) | (0.240 – 0.376) |
| "Harem for life" | 194.2 | 480.9 | 560.1 | 119.0 | 0.346 | 0.858 | 0.212 |
| | (143.6 – 244.8) | (405.9 – 555.8) ^{1,3} | (482.9 – 637.4) ^{1,3} | (80.5 – 157.5) ^{1,3} | (0.269 – 0.447) | (0.691 – 0.975) | (0.148 – 0.242) |
| 3 females per harem | | | | | | | |
| Theoretical expectation | 182.0 | 542.5 | 721.0 | 178.5 | 0.252 | 0.752 | 0.248 |
| "Seasonal harem" | 202.2 | 540.6 | 713.4 | 149.3 | 0.283 | 0.769 | 0.212 |
| | (162.7 – 241.7) | (476.2 – 605.2) | (639.8 – 787.5) | (115.8 – 182.9) | (0.226 – 0.349) | (0.635 – 0.882) | (0.165 – 0.264) |
| "Harem for life" | 193,4 | 382.6 | 416.6 | 94.7 | 0.464 | 0.918 | 0.227 |
| | (142.9 – 243,9) | (313.7 – 451.5) ^{1,3} | (347.5 – 485.8) ^{1,3} | (59.4 – 130.0) ^{1,3} | (0.341 – 0.586) ² | (0.785 – 1.278) | (0.153 – 0.274) |
| 18 females per harem | | | | | | | |
| Theoretical expectation | 182.0 | 517.7 | 672.9 | 156.4 | 0.270 | 0.769 | 0.232 |
| "Seasonal harem" | 198.2 | 522.6 | 675.0 | 160.6 | 0.294 | 0.774 | 0.238 |
| | (160.1 – 236.5) | (459.0 – 586.6) | (603.5 – 746.9) | (125.9 – 195.5) | (0.231 – 0.369) | (0.648 – 0.923) | (0.185 – 0.297) |
| "Harem for life" | 177.6 | 105.1 | 94.6 | 21.8 | 1.872 | 1.111 | 0.230 |
| | (141.5 – 213.9) | (78.1 – 132.3) ^{1,3} | (68.4 – 120.9) ^{1,3} | (8.1 – 35.5) ^{1,3} | (1.343 – 2.679) ² | (0.618 – 1.359) | (0.084 – 0.386) |

Abbreviations and superscripts follow Table 1