**Supplementary file 1:** Parameter values used for the competitive fitness models shown in **Figure 2** and **Figure 2—figure supplement 1.**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Meaning** | **Value** |
| *x0* | number of *LS-DO* cells | n/a |
| *x1* | number of *LF-DY* cells | n/a |
| *x00* | Initial number of *LS-DO* cells | 1 |
| *x10* | Initial number of *LS-DO* cells | 1 |
| *μ0* | Growth rate of *LS-DO* cells | 1 |
| *μ1* | Growth rate of *LF-DY* cells | 1.01 |
| *δ0* | Death rate of *LS-DO* cells | 1 |
| *δ1* | Death rate of *LS-DO* cells | 1.01 |
| *τ1* | Time of nutrient repletion | 1 |
| *τ2* | Time of starvation | 1 |