**S8 Table. Statistical analysis of lifespan data for S7 Fig**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Genotype** | **Lifespan (days)** | **% of control *c*** | **n*d*****(censored)** | ***p**e*** |
| **median *a*** | **max *b*** |
| N2 | 21,19 | 29,24 | 150%,136% | 77(0),55(21) | <0.0001,<0.0001 |
| *atg-18* | 14,14 | 19,16 | / | 71(0),77(12) | / |
| *atg-18* + *Pgpa-3::atg-18, #1* | 16,14 | 23,16 | 114%,100% | 105(1),63(18) | <0.0001, 0.3435 |
| *atg-18* + *Pgpa-3::atg-18, #2**atg-18* + *Pgpa-3::atg-18, #3* | 16,14 15,12 | 23,1724,16 | 114%,100%107%,86% | 76(2),74(16)71(3),75(0) | 0.0002, 0.1209<0.0001, 0.0011 |

*a* Median lifespan for each trial

*b* Maximum lifespan for each trial

*c* Percentage of changes in median lifespan relative to *atg-18* for each trial

*d* Numbers of animals counted for each trial (censored: animals died of internal hatching or lost during the experiments)

*e* *p* values (log-rank test) compared to *atg-18*