**Table S3**. Comparison between measuring cytoplasmic acidity in aging every 10 hours (Figure 1*C,D,F,* Figure 1-Figure supplement 1) or every hour (Figure 1*E*, Figure1-Figure supplement 2).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Dataset  time resolution | Average lifespan  at 20 h  (divisions) | Average lifespan  at 30 h (divisions) | Number of cells | Frequency of imaging | Duration  of the experiment |
| Low | 16  SD: 3.08 | 20  SD: 4.89 | 80 | Every 10 h | 80 h |
| High | 13  SD: 2.93 | 17  SD: 4.75 | 50 | Every 1 h | 50 h |