**Figure 2-source data 2.** Lifespan analysis of*rescue, chinmo1* and *ΔmiR-125, chinmo1*strains.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Lifespan (Days)** | | **p value**\* | **c2** |
| \*Experiment 1 | Maximum (Number of flies) | Median |  |  |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C} attP2 / + AL* | 76(110) | 40 | 0.00E+00 | 29.63 |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C} attP2 / + DR* | 96(105) | 50 |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C ΔmiR-125} attP2 / +AL* | 64(114) | 34 | 0.00E+00 | 102.5 |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C ΔmiR-125} attP2 / +* *DR* | 98(98) | 58 |
| Experiment 2 | | | | |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C} attP2 / + AL* | 84(128) | 38 | 0.00E+00 | 22.35 |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C} attP2 / + DR* | 98(147) | 46 |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C ΔmiR-125} attP2 / +* *AL* | 56(85) | 28 | 0.00E+00 | 72.91 |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C ΔmiR-125} attP2 / +* *DR* | 86(97) | 54 |
| Experiment 3 | | | | |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C} attP2 / + AL* | 78(127) | 32 | 0.00E+00 | 17.65 |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C} attP2 / + DR* | 96(182) | 36 |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C ΔmiR-125} attP2 / +* *AL* | 60(95) | 24 | 0.00E+00 | 38.70 |
| *w1118; let-7-CGKI / chinmo1, let-7-CKO2, P{neoFRT}40A; {v+, let-7-C ΔmiR-125} attP2 / +* *DR* | 94(106) | 37 |

\*Experiment 1 is represented in Figure 2; p value calculated by log rank test; ****2, Chi2 calculated by Log rank test.