|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sex | Strain | Fixed Diet | Choice Diet | %Change | *P*-value |
| Male | *Canton-S* | 60.85 (1.48) | 47.23 (1.55) | 28.84% | < 0.001 |
| *w*1118 Pletcher labstrain1 | 59.73 (1.48) | 46.19 (1.65) | 29.31% | < 0.001 |
| *w*1118 Pletcher labstrain2 | 61.59 (1.90) | 44.86 (1.96) | 37.29% | < 0.001 |
| Female | *Canton-S* | 54.71 (0.96) | 52.02 (0.96) | 5.17% | 0.033 |
| *w*1118 Pletcher labstrain1 | 54.56 (1.04) | 51.21 (1.29) | 6.54% | 0.246 |
| *w*1118 Pletcher labstrain2 | 52.48 (0.90) | 45.65 (1.25) | 14.96% | 0.010 |