**Table S3. Sample weights and ratios of organs from CF and MR mice on LFD.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | |  |  |  |
|  | CF on LFD | |  | MR on LFD | |
|  | Weight (g) | Organ to BW Ratio (%) |  | Weight (g) | Organ to BW Ratio (%) |
| Body Weight (BW) | 35.44 ± 2.33 |  |  | 21.33 ± 2.04\*\*\* |  |
| Liver | 1.203 ± 0.096 | 3.46 ± 0.22 |  | 0.748 ± 0.031\*\*\* | 3.48 ± 0.19 |
| Perigonadal Fat | 1.741 ± 0.215 | 4.90 ± 0.37 |  | 0.558 ± 0.055\*\*\* | 2.59 ± 0.18\*\* |
| Spleen | 0.079 ± 0.005 | 0.22 ± 0.01 |  | 0.060 ± 0.011\*\*\* | 0.28 ± 0.05\*\* |
| Heart | 0.142 ± 0.012 | 0.40 ± 0.03 |  | 0.117 ± 0.013\*\*\* | 0.54 ± 0.04\*\* |
| Kidney | 0.395 ± 0.040 | 1.12 ± 0.09 |  | 0.395 ± 0.040\*\*\* | 1.17 ± 0.03 |

Eight weeks old C57BL/6J mice were weight-matched and given control-fed (CF) on LFD (n = 8) and methionine-restricted (MR) on LFD (n = 8) diets for 14 weeks. Data are expressed as means ± SD and compared using Student’s unpaired *t*-test. \*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001.