**Table S2**

Body composition in the randomised groups

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| --- | --- | --- | --- |
| Parameter | Group | Week | P-value |
| 0  | 5  |  (C *vs*. ELA at 5 weeks) |
| Total mass (g) | C | 18.7±0.7 | 21.0±1.0 | 0.001 |
| ELA | 17.6±1.1 | 20.3±1.3 | 0.002 |
| Fat mass (g) | C | 7.0±1.8 | 9.1±2.5 | 0.041 |
| ELA | 6.7±1.9 | 10.9±2.2 | 0.001 |
| Lean mass (g) | C | 11.2±2.1 | 10.8±2.0 | 0.162 |
| ELA | 10.6±2.5 | 8.2±2.2 | 0.009 |

Values are means (±SD) of 10 animals in each group. C: mice treated with saline. ELA: mice treated with elastase. A paired *t*-test was used to compare data between 0 and 5 weeks, while the Student *t*-test was used to compare data between C and ELA groups at 5 weeks. No significant differences were observed between C and ELA groups at week 0.