**Supplementary Table S4.** Data on fat masses (assessed by µCT)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |  |  |  | NOP groups |  | LIG groups |  | SOP groups |  | *P* values |
|  | PND(d) |  | CTRL(n=10) | CLM(n=20) |  | CTRL(n=9) | CLM(n=8) |  | CTRL(n=10) | CLM(n=10) |  | KW-test | LIG-CTRL vs NOP-CTRL | LIG-CTRL vs LIG-CLM |
| Visceral fat mass |
| Absolute (g) |  | 40 |  | 2.86 ± 0.20 | 2.69 ± 0.14 |  | **3.04 ± 0.21** | **2.31 ± 0.20** |  | 2.65 ± 0.18 | 2.65 ± 0.20 |  | 0.212 | 0.661 | **0.013** |
|  | 92 |  | **17.4 ± 0.9** | 18.4 ± 1.0 |  | **21.7 ± 0.8** | **15.7 ± 0.8** |  | 16.8 ± 0.8 | 17.6 ± 1.3 |  | 0.021 | **0.004** | **<0.001** |
| Per body weight(g/kg) |  | 40 |  | 17.3 ± 1.5 | 14.6 ± 0.7 |  | **18.0 ± 1.1** | **14.0 ± 0.9** |  | 15.9 ± 1.0 | 15.1 ± 1.0 |  | 0.081 | 0.601 | **0.012** |
|  | 92 |  | **43.3 ± 2.4** | 45.1 ± 1.9 |  | **52.1 ± 3.4** | **42.0 ± 1.8** |  | 43.6 ± 2.1 | 45.5 ± 2.8 |  | 0.063 | **0.015** | **0.002** |
| Subcutaneous fat mass |
| Absolute (g) |  | 40 |  | 1.78 ± 0.15 | 2.02 ± 0.13 |  | 2.11 ± 0.20 | 2.00 ± 0.24 |  | 1.71 ± 0.16 | 1.70 ± 0.20 |  | 0.365 | 0.096 | 0.758 |
|  | 92 |  | 3.70 ± 0.57 | 3.74 ± 0.30 |  | 4.69 ± 0.82 | 3.74 ± 0.57 |  | 3.34 ± 0.65 | 4.69 ± 0.86 |  | 0.775 | 0.447 | 0.423 |
| Per body weight(g/kg)  |  | 40 |  | 10.1 ± 0.8 | 10.9 ± 0.7 |  | 12.6 ± 1.3 | 12.3 ± 1.5 |  | 10.4 ± 1.0 |  9.8 ± 1.1 |  | 0.403 | 0.071 | 0.999 |
|  | 92 |  |  9.1 ± 1.4 |  9.2 ± 0.7 |  | 11.7 ± 2.0 | 10.0 ± 1.5 |  |  8.8 ± 1.8 | 12.0 ± 2.1 |  | 0.763 | 0.315 | 0.541 |
| Total fat mass |
| Absolute (g) |  | 40 |  | 4.63 ± 0.25 | 4.71 ± 0.25 |  | 5.15 ± 0.31 | 4.31 ± 0.40 |  | 4.36 ± 0.29 | 4.35 ± 0.36 |  | 0.416 | 0.351 | 0.071 |
|  | 92 |  | 20.8 ± 0.9 | 22.1 ± 1.1 |  | 25.4 ± 1.8 | 19.4 ± 1.3 |  | 20.1 ± 1.1 | 22.3 ± 1.7 |  | 0.208 | 0.063 | 0.027 |
| Per body weight(g/kg) |  | 40 |  | 26.3 ± 1.3 | 25.5 ± 1.2 |  | 30.6 ± 2.0 | 26.2 ± 2.1 |  | 26.3 ± 1.8 | 24.9 ± 1.8 |  | 0.363 | 0.114 | 0.142 |
|  | 92 |  | 51.9 ± 2.7 | 54.2 ± 2.0 |  | 63.5 ± 4.0 | 52.0 ± 2.8 |  | 52.4 ± 3.2 | 57.6 ± 3.6 |  | 0.241 | 0.063 | 0.036 |
| Ratio visceral / subcutaneous fat mass |
| Ratio (g/g) |  | 40 |  | 1.70 ± 0.18 | 1.41 ± 0.09 |  | 1.31 ± 0.04 | 1.10 ± 0.07 |  | 1.45 ± 0.08 | 1.57 ± 0.16 |  | 0.045 | 0.224 | 0.020 |
|  | 92 |  | 6.65 ± 1.34 | 5.37 ± 0.41 |  | 6.19 ± 1.14 | 5.05 ± 0.90 |  | 7.37 ± 1.64 | 3.50 ± 0.44 |  | 0.799 | 0.667 | 0.999 |
| Gain of fat mass between postnatal day 40 and 92 |
| Visceral (g) |  | - |  | 15.5 ± 1.21 | 15.7 ± 0.86 |  | **18.3 ± 1.23** | **13.3 ± 0.78** |  | 14.1 ± 0.67 | 14.9 ± 1.12 |  | 0.076 | 0.079 | **0.005** |
| Visceral (g/kg) |  | - |  | 37.7 ± 2.4 | 38.4 ± 1.6 |  | **46.1 ± 3.3** | **35.6 ± 1.7** |  | 36.6 ± 1.9 | 38.4 ± 2.4 |  | 0.162 | 0.095 | **0.011** |
| Subcutaneous (g) |  | - |  | 1.60 ± 0.43 | 1.73 ± 0.28 |  | 3.05 ± 0.60 | 1.77 ± 0.44 |  | 1.63 ± 0.56 | 2.99 ± 0.76 |  | 0.368 | 0.133 | 0.114 |
| Subcut. (g/kg) |  | - |  | 4.04 ± 1.1 | 4.23 ± 0.68 |  | 7.65 ± 1.49 | 4.74 ± 1.18 |  | 4.33 ± 1.49 | 7.67 ± 1.89 |  | 0.262 | 0.113 | 0.167 |
| Total (g) |  | - |  | 17.1 ± 1.16 | 17.4 ± 0.91 |  | **21.4 ± 1.53** | **15.1 ± 1.01** |  | 15.8 ± 0.95 | 17.9 ± 1.44 |  | 0.079 | 0.054 | **0.005** |
| Total (g/kg) |  | - |  | 41.7 ± 2.4 | 42.6 ± 1.7 |  | **53.7 ± 4.0** | **40.3 ± 2.3** |  | 40.9 ± 2.9 | 46.0 ± 3.08 |  | 0.093 | 0.035 | **0.015** |

Please see legends of Tables 2, 3 or 5 for explanation of PND, NOP, LIG, SOP, CTRL, CLM, KW-test, LIG-CTRL vs NOP-CTRL, LIG-CTRL vs LIG-CLM.