**Supplementary Table 1: Comparison of parameters between different genders**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Items** | **I (mm3)** | **II (mm3)** | **III (mm3)** | **IV (mm3)** | **Total volume (mm3)** |
| Female | 63.67 (0, 61.00) | 55.74 (0, 86.33) | 183.15 (32.29, 206.98) | 287.46 (32.28, 244.33) | 590.01 (184.85, 658.05) |
| Male | 74.89 (0, 102.00) | 84.84 (0, 108.68) | 292.57 (66.53, 339.88) | 342.41 (81.18, 402.50) | 794.71 (313.15, 918.18) |
| *Z* | −0.996 | −0.638 | −1.495 | −2.057 | −2.696 |
| *P* | 0.319 | 0.524 | 0.135 | 0.040\* | 0.009\* |

Data are expressed as median (P25, P75). \**P*<0.05.

**Supplementary Table 2: Comparison of parameters between left and right ears**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Items** | **I (mm3)** | **II (mm3)** | **III (mm3)** | **IV (mm3)** | **Total volume (mm3)** |
| Left | 57.42 (0, 83.12) | 63.08 (0, 55.95) | 326.9443 (87.50, 317.45) | 145.1495 (21.40, 185.55) | 592.5959 (232.93, 634.63) |
| Right | 76.67 (0, 62.50) | 73.09 (0, 113.25) | 142.6056 (20.20, 122.85) | 465.4050 (81.13, 499.50) | 757.77 (249.20, 1011.05) |
| *Z* | −0.832 | −2.030 | −3.914 | −3.713 | −1.088 |
| *P* | 0.406 | 0.042 | 0 | 0 | 0.277 |

Data are expressed as median (P25, P75).