**Supplementary table 4:** Ablation parameters compared between cases with no thermal injury and cases with gastroparesis. The proportion of ablation points at each AI range is also compared between the groups.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ablation parameter** | **Cases with no thermal injury** | **Cases with gastroparesis** | **Proportion of points at each AI range (P)** | **z** | **p** |
| **AI <350** | 1400 (13.4%) | 67 (6.8%) | <0.001 | -4.024848 | <0.001 |
| **AI 350-500** | 6938 (66.6%) | 731 (73.7%) | <0.001 | -7.423724 | <0.001 |
| **AI >500** | 2078 (20%) | 194 (19.6%) | 0.8 | 7.114562 | <0.001 |
| **RF Duration (s)** | 14.6 (10.8-19.9) | 14.8 (10.3-19.9) | Na | -0.818968896 | 0.41 |
| **Maximum power (W)** | 41(31.1-41.3) | 41 (39.8-41.1) | Na | 30.61324866 | <0.001 |
| **Contact force (g)** | 15.9 (10.5-24.4) | 16.0(10.6-24.4) | Na | -0.227467302 | 0.82 |
| **Baseline impedance (Ω)** | 125.8 (116.8-137.1) | 129.1 (113.1-142.5) | na | -2.019222 | 0.043 |
| **Force Time Index (gs)** | 250(168-338) | 260(157-336) | na | -3.439960 | <0.001 |
| **Impedance Drop (Ω)** | 8.7(6-12) | 8.6(6.3-11.7) | Na | -1.838241293 | 0.067 |