Table 2: Comparison of a number of viable MC3T3-E1 cells when cultured on HA scaffolds, PCL scaffolds, and 2D culture plates. One-way ANOVA was conducted to compare MC3T3-E1 cell viability when cultured on scaffolds and 2D culture plates in terms of a number of viable cells (1x104 cells). Values were mean difference ± standard deviation. \*Asterisks indicate significant differences after a Bonferroni correction for n=5, at p < 0.05. MTT assays for cell viability were carried out in triplicate.

|  |  |
| --- | --- |
| **Days** | **Increment of cells viable number (1x104 cells)** |
| **HA scaffold vs** **2D culture** | **PCL scaffold vs** **2D culture** | **HA scaffold vs** **PCL scaffold** |
| **0** | 2.4342 ± 1.3604\* | 1.7198 ± 0.7578 | 0.7144 ± 0.6026 |
| **7** | 11.6118 ± 0.2206\* | 4.8429 ± 0.1517\* | 6.7689 ± 0.0689\* |
| **14** | 0.8877 ± 1.7731 | -4.7788 ± 1.7671\* | 5.6665 ± 0.0061\* |
| **21** | -4.3367 ± 1.1522\* | -7.4276 ± 1.1393\* | 3.0909 ± 0.0123 |