**Table S5. Analysis of Variance (ANOVA) for bottom sediment grain size mean phi value between core sampling sites (cf. Fig. 1).** Posthoc pair wise comparisons were performed via Tukey HSD-tests. (df = degrees of freedom; MS = means square; F = F-value; p = probability level, significance levels are: \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Response** | **df** | **MS** | **F**  | **p** |
| Sites | 5 | 1.321 | 5.91 | \*\*\* |
| Residuals | 99 | 0.223 |  |  |
| **TukeyHSD** | **Pairwise comparison** | **p** |
| Miang E | > | Racha W | \*\*\* |
| Miang E | > | Tachai W | \*\* |
| Miang E | > | Miang W, Bon W | \* |
| Surin W | > | Tachai W, Racha W | \* |