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|--|---|--|--|
| MLE "ANOVA" on Id available when taking the NADA online course | ogs of Concentration | | |
| <pre>> cenanova (Thiamethoxam, ThiaCens, SamplingEvent)</pre> | Simultaneous Tests for General Linear Hypotheses | | |
| MLE test of mean natural logs of CensData: Thiamethoxam by Factor: SamplingEvent Assuming lognormal distribution of CensData | Multiple Comparisons of Means: Tukey Contrasts Fit: survreg(formula = logCensData ~ Factor, dist = "gaussian") | | |
| Chisq = 146.3 on 3 degrees of freedom p = 1.64e-31 the mean logs (geometric means) differ | Linear Hypotheses: Estimate Std. Error z value $Pr(z)$ 2 Post-Plant - 1 Pre-Plant == 0 -0 2197 0 3348 -0 656 0 912 | | |
| | 3. Corn Tassle - 1. Pre-Plant == 0 -3.3733 0.3823 -8.823 <0.001 *** | | |
| | 4. Goldenrod - 1. Pre-Plant == 0 -4.4589 0.4932 -9.040 <0.001 *** 3. Corp Tassle - 2. Post-Plant 0 -3 1536 0.3795 -8 310 <0.001 | | |
| Pre- Post- Corn Tassle Goldenrod A A B B | 4. Goldenrod - 2. Post-Plant == 0 -4.2392 0.4909 -8.636 <0.001 | | |
| | 4. Goldenrod - 3. Corn Tassle == 0 -1.0857 0.5004 -2.169 0.128 | | |









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|----------------|----------------|-----------------|---------------|----------------------------------|
| Pet | o-Peto | o test of | Differe | ence in Group |
| | Cor | ocentrat | ion Pei | rcentiles |
| available when | taking the NAE | A online course | | |
| > cen1way (Thi | amethoxam, | ThiaCens, Sam | plingEvent) | |
| Oneway P | eto-Peto te | st of CensData | a: Thiametho | xam by Factor: SamplingEvent |
| Chisq = | 127 on 3 | degrees of fre | eedom p= | = 2.35e-27 |
| | | | | |
| Pairwise co | mparisons (| using Peto & P | eto test | |
| data: CensDat | a and Factc | r | | |
| | 1. Pre-Pla | nt 2. Post-Pla | ant 3. Corn 7 | Tassle |
| 2. Post-Plant | 0.416 | - | - | |
| 3. Corn Tassle | 6.5e-15 | 6.5e-15 | - | Pre- Post- Corn Tassle Goldenrod |
| 4. Goldenrod | 6.5e-15 | 7.1e-15 | 0.055 | |
| | | | | |
| | | | | |















