BETA DIVERSITY DAY 20

Gráfico

Descripción generada automáticamente

* **PERMANOVA Bray curtis**
* Permutation test for adonis under reduced model
* Permutation: free
* Number of permutations: 999
* adonis2(formula = bray\_curtis\_distance20 ~ phyloseq::sample\_data(ps20\_clr)$Water.Treatment)
* Df SumOfSqs R2 F Pr(>F)
* Model 2 0.26898 0.13436 1.6298 0.036 \*
* Residual 21 1.73288 0.86564
* Total 23 2.00185 1.00000
* ---
* Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1
* **PAIRWISE BRAY CURTIS**
* pairs Df SumsOfSqs F.Model R2 p.value
* 1 Citric vs Acetic 1 0.16582275 1.8586813 0.11720277 0.037
* 2 Citric vs Nothing 1 0.14910691 2.1545953 0.13337352 0.012
* 3 Acetic vs Nothing 1 0.08853833 0.9933136 0.06625044 0.399
* p.adjusted sig
* 1 0.111
* 2 0.036 .
* 3 1.000

* **PERMANOVA UNWEIGHTED UNIFRAC**
* Permutation test for adonis under reduced model
* Permutation: free
* Number of permutations: 999
* adonis2(formula = unweighted\_unifrac20 ~ phyloseq::sample\_data(ps20\_clr)$Water.Treatment)
* Df SumOfSqs R2 F Pr(>F)
* Model 2 0.5797 0.10372 1.2151 0.013 \*
* Residual 21 5.0090 0.89628
* Total 23 5.5887 1.00000
* ---
* Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

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| --- |
| * **PAIRWISE UNWEIGHTED UNIFRAC** * pairs Df SumsOfSqs F.Model R2 p.value * 1 Citric vs Acetic 1 0.3188853 1.2876538 0.08422834 0.031 * 2 Citric vs Nothing 1 0.3482100 1.4872350 0.09602973 0.008 * 3 Acetic vs Nothing 1 0.2024257 0.8658337 0.05824320 0.948 * p.adjusted sig * 1 0.093 * 2 0.024 . * 3 1.000 * **PERMANOVA WEIGHTED UNIFRAC** * Permutation test for adonis under reduced model * Permutation: free * Number of permutations: 999 * adonis2(formula = weighted\_unifrac20 ~ phyloseq::sample\_data(ps20\_clr)$Water.Treatment) * Df SumOfSqs R2 F Pr(>F) * Model 2 0.033069 0.11858 1.4125 0.237 * Residual 21 0.245816 0.88142 * Total 23 0.278885 1.00000 |
|  |
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BETA DIVERSITY DAY 28 WATER

Gráfico, Gráfico de burbujas

Descripción generada automáticamente

* **PERMANOVA BRAY CURTIS**
* Permutation test for adonis under reduced model
* Permutation: free
* Number of permutations: 999
* adonis2(formula = bray\_curtis\_distance28w ~ phyloseq::sample\_data(ps28w\_clr)$Water.Treatment)
* Df SumOfSqs R2 F Pr(>F)
* Model 2 0.2004 0.02676 0.9075 0.588
* Residual 66 7.2882 0.97324
* Total 68 7.4886 1.00000
* **PERMANOVA UNWEIGHTED UNIFRAC**
* Permutation test for adonis under reduced model
* Permutation: free
* Number of permutations: 999
* adonis2(formula = unweighted\_unifrac28w ~ phyloseq::sample\_data(ps28w\_clr)$Water.Treatment)
* Df SumOfSqs R2 F Pr(>F)
* Model 2 0.470 0.02793 0.9483 0.696
* Residual 66 16.354 0.97207
* Total 68 16.824 1.00000
* **PERMANOVA WEIGHTED UNIFRAC**
* Permutation test for adonis under reduced model
* Permutation: free
* Number of permutations: 999
* adonis2(formula = weighted\_unifrac28w ~ phyloseq::sample\_data(ps28w\_clr)$Water.Treatment)
* Df SumOfSqs R2 F Pr(>F)
* Model 2 0.01743 0.02597 0.88 0.429
* Residual 66 0.65376 0.97403
* Total 68 0.67119 1.00000

BETA DIVERSITY DAY 28 LITTER

Gráfico

Descripción generada automáticamente

* **PERMANOVA BRAY CURTIS**
* Permutation test for adonis under reduced model
* Permutation: free
* Number of permutations: 999
* adonis2(formula = bray\_curtis\_distance28L ~ phyloseq::sample\_data(ps28L\_clr)$Litter.Treatment)
* Df SumOfSqs R2 F Pr(>F)
* Model 2 0.3283 0.04383 1.5128 0.042 \*
* Residual 66 7.1604 0.95617
* Total 68 7.4886 1.00000
* ---
* Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1
* **PAIRWISE BRAY CURTIS**
* pairs Df SumsOfSqs F.Model R2
* 1 Nothing vs Compost 1 0.2012898 2.001439 0.04258250
* 2 Nothing vs FormicAcidSalt 1 0.1256153 1.093128 0.02424156
* 3 Compost vs FormicAcidSalt 1 0.1646774 1.494283 0.03358370
* p.value p.adjusted sig
* 1 0.025 0.075
* 2 0.336 1.000
* 3 0.090 0.270
* **PERMANOVA UNWEIGHTED UNIFRAC**
* Permutation test for adonis under reduced model
* Permutation: free
* Number of permutations: 999
* adonis2(formula = unweighted\_unifrac28L ~ phyloseq::sample\_data(ps28L\_clr)$Litter.Treatment)
* Df SumOfSqs R2 F Pr(>F)
* Model 2 0.4815 0.02862 0.9722 0.574
* Residual 66 16.3427 0.97138
* Total 68 16.8241 1.00000
* **PERMONVA WEIGHTED UNIFRAC**
* Permutation test for adonis under reduced model
* Permutation: free
* Number of permutations: 999
* adonis2(formula = weighted\_unifrac28L ~ phyloseq::sample\_data(ps28L\_clr)$Litter.Treatment)
* Df SumOfSqs R2 F Pr(>F)
* Model 2 0.04255 0.06339 2.2336 0.089 .
* Residual 66 0.62864 0.93661
* Total 68 0.67119 1.00000