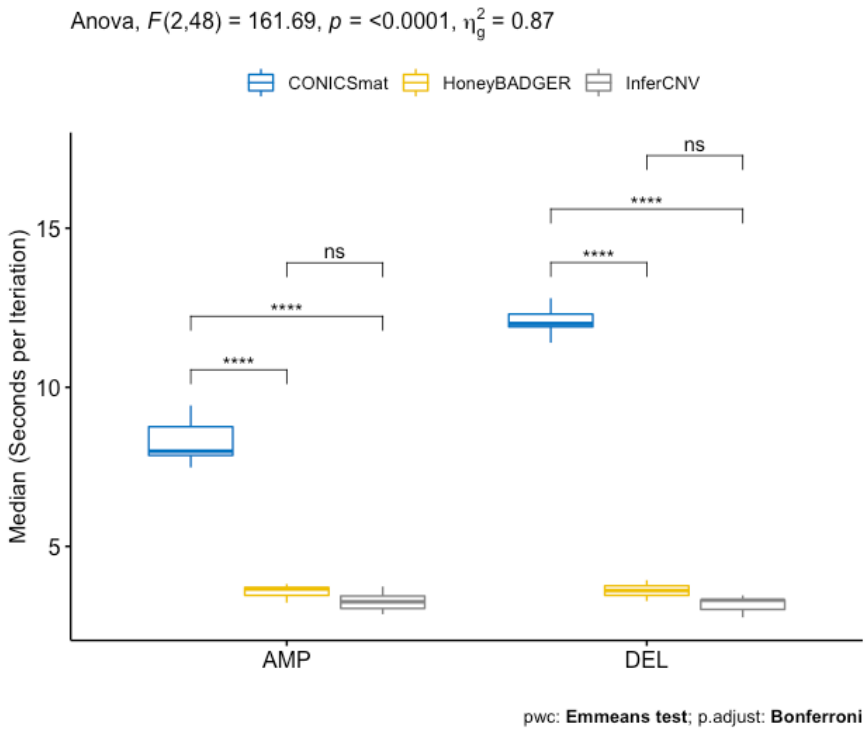
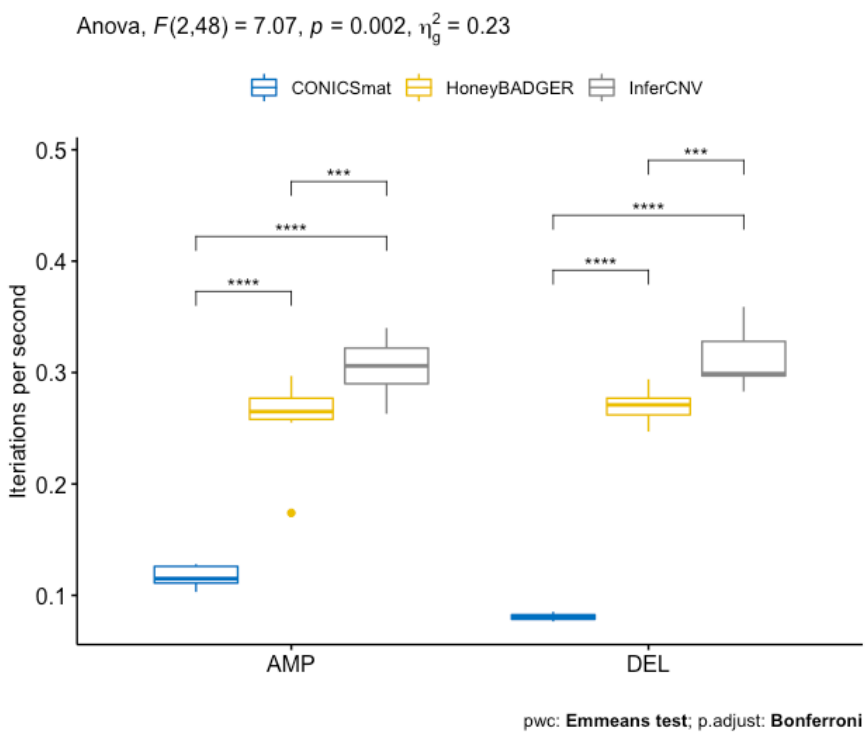
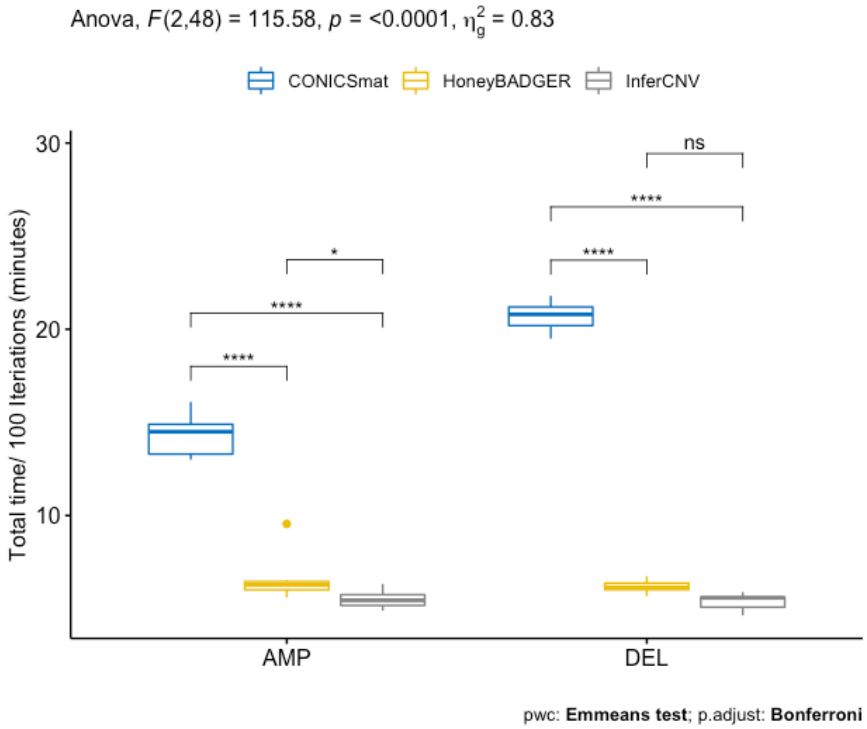
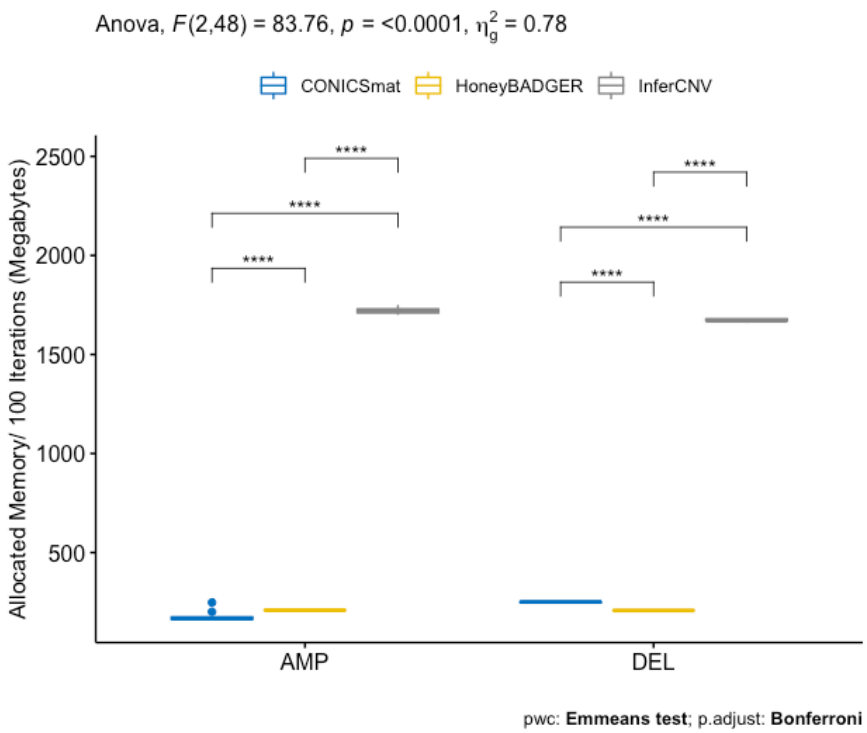

Anova, F(2,48) = 161.69, p = <0.0001, η²g = 0.87
CONICSmat
HoneyBADGER
InferCNV
Median (Seconds per Iteriation)
15
10
5
ns
****
****
ns
****
****
AMP
DEL
pwc: Emmeans test; p.adjust: Bonferroni


Anova, F(2,48) = 7.07, p = 0.002, η²g = 0.23
CONICSmat
HoneyBADGER
InferCNV
Iteriations per second
0.5
0.4
0.3
0.2
0.1
***
****
****
***
****
****
AMP
DEL
pwc: Emmeans test; p.adjust: Bonferroni


Anova, F(2,48) = 115.58, p = <0.0001, η²g = 0.83
CONICSmat
HoneyBADGER
InferCNV
Total time/ 100 Iteriations (minutes)
30
20
10
ns
****
*
****
****
****
AMP
DEL
pwc: Emmeans test; p.adjust: Bonferroni


Anova, F(2,48) = 83.76, p = <0.0001, η²g = 0.78
CONICSmat
HoneyBADGER
InferCNV
Allocated Memory/ 100 Iterations (Megabytes)
2500
2000
1500
1000
500
****
****
****
****
****
****
AMP
DEL
pwc: Emmeans test; p.adjust: Bonferroni

| Benchmark Type | CNV Tool | Mean | SD | P-Value |
|---|---|---|---|---|
| Median (Seconds per iteration) - AMP | CONICSmat | 8.27 | 0.64 | 4.46E-33 |
| | HoneyBADGER | 3.58 | 0.208 | |
| | InferCNV | 3.27 | 0.282 | |
| Iterations per second - AMP | CONICSmat | 0.118 | 0.009 | 3.83E-23 |
| | HoneyBADGER | 0.261 | 0.035 | |
| | InferCNV | 0.302 | 0.025 | |
| Allocated memory (mb) / 100 iteriations - AMP | CONICSmat | 179 | 28.6 | 5.23E-77 |
| | HoneyBADGER | 209 | 0.5 | |
| | InferCNV | 1719 | 16.2 | |
| Total time (min)/ 100 iterations - AMP | CONICSmat | 14.2 | 1.08 | 4.44E-29 |
| | HoneyBADGER | 6.52 | 1.17 | |
| | InferCNV | 5.54 | 0.474 | |
| Median (Seconds per iteration) - DEL | CONICSmat | 12.1 | 0.446 | 5.98E-45 |
| | HoneyBADGER | 3.6 | 0.213 | |
| | InferCNV | 3.17 | 0.229 | |
| Iterations per second - DEL | CONICSmat | 0.081 | 0.003 | 1.04E-27 |
| | HoneyBADGER | 0.27 | 0.014 | |
| | InferCNV | 0.312 | 0.312 | |
| Allocated memory (mb) / 100 iteriations - DEL | CONICSmat | 250 | 3.83 | 7.52E-76 |
| | HoneyBADGER | 208 | 0 | |
| | InferCNV | 1671 | 7.82 | |
| Total time (min)/ 100 iterations - DEL | CONICSmat | 20.7 | 0.725 | 4.45E-41 |
| | HoneyBADGER | 6.18 | 0.325 | |
| | InferCNV | 5.37 | 0.407 | |