Post-hoc tests

Resistance

```
## Warning in anova.negbin(modResStrain, test = "LRT"): tests made without re-
## estimating 'theta'

## Analysis of Deviance Table
##
## Model: Negative Binomial(1.9921), link: log
##
## Response: peak.oocysts.per.g.mouse
##
## Terms added sequentially (first to last)
##
##
##                                  Df Deviance Resid. Df Resid. Dev
## NULL                                               98     149.70
## infection_isolate                 2   7.9244        96     141.78
## Mouse_genotype                    3   6.4308        93     135.35
## infection_isolate:Mouse_genotype  6  28.2497        87     107.10
##                                   Pr(>Chi)
## NULL
## infection_isolate                  0.01902 *
## Mouse_genotype                     0.09243 .
## infection_isolate:Mouse_genotype 8.432e-05 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

## Warning in RET$pfunction("adjusted", ...): Completion with error > abseps

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apa_print.summary.glht(postHocRes)
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$estimate *estimate*Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -0.01$, 95\% CI $[-1.13, 1.11]$”

*estimate*Brandenburg88_E___falciformis_MMd_F0_Sc_Sc____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.15$, 95\% CI $[-1.17, 1.47]$”

*estimate*Brandenburg139_E___ferrisi_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -0.04$, 95\% CI $[-1.36, 1.29]$”

*estimate*Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.23$, 95\% CI $[-0.88, 1.34]$”

*estimate*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.56$, 95\% CI $[-0.71, 1.84]$”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.17$, 95\% CI $[-1.15, 1.49]$”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.85$, 95\% CI $[-0.27, 1.96]$”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.05$, 95\% CI $[-2.92, 0.82]$”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.38$, 95\% CI $[-0.95, 1.70]$”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.83$, 95\% CI [−0.30, 1.96]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.38$, 95\% CI [−2.86, 0.10]”

*estimate*Brandenburg88_E___falciformis_MMd_F0_Sc_Sc____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.16$, 95\% CI [−0.96, 1.28]”

*estimate*Brandenburg139_E___ferrisi_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -0.03$, 95\% CI [−1.15, 1.09]”

*estimate*Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.24$, 95\% CI [−0.61, 1.09]”

*estimate*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.57$, 95\% CI [−0.49, 1.63]”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.18$, 95\% CI [−0.94, 1.30]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.85$, 95\% CI [−0.01, 1.72]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.04$, 95\% CI [−2.78, 0.69]”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.39$, 95\% CI [−0.73, 1.50]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.84$, 95\% CI [−0.04, 1.72]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.37$, 95\% CI [−2.67, −0.07]”

*estimate*Brandenburg139_E___ferrisi_MMd_F0_St_St____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = -0.19$, 95\% CI [−1.51, 1.14]”

*estimate*Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.08$, 95\% CI [−1.03, 1.19]”

*estimate*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.41$, 95\% CI [−0.86, 1.69]”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.02$, 95\% CI [−1.30, 1.34]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.69$, 95\% CI [−0.42, 1.81]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.20$, 95\% CI [−3.07, 0.67]”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.23$, 95\% CI [−1.10, 1.55]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.68$, 95\% CI [−0.45, 1.81]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.53$, 95\% CI [−3.01, −0.05]”

*estimate*Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.27$, 95\% CI [−0.84, 1.38]”

*estimate*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.60$, 95\% CI [−0.68, 1.88]”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.21$, 95\% CI [−1.11, 1.53]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.88$, 95\% CI [−0.24, 2.00]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -1.01$, 95\% CI [−2.88, 0.86]”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.42$, 95\% CI [−0.91, 1.74]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.87$, 95\% CI [−0.26, 2.00]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -1.34$, 95\% CI [−2.82, 0.14]”

*estimate*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.33$, 95\% CI [−0.72, 1.38]”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -0.06$, 95\% CI [−1.17, 1.05]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.61$, 95\% CI [−0.24, 1.47]”

$estimate$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -1.28$, 95\% CI $[-3.01, 0.44]$”

$estimate$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.15$, 95\% CI $[-0.96, 1.25]$”

$estimate$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.60$, 95\% CI $[-0.27, 1.47]$”

$estimate$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -1.61$, 95\% CI $[-2.90, -0.32]$”

$estimate$Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = -0.39$, 95\% CI $[-1.67, 0.88]$”

$estimate$Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = 0.28$, 95\% CI $[-0.78, 1.34]$”

$estimate$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = -1.61$, 95\% CI $[-3.45, 0.23]$”

$estimate$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = -0.18$, 95\% CI $[-1.46, 1.09]$”

$estimate$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = 0.27$, 95\% CI $[-0.81, 1.34]$”

$estimate$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = -1.94$, 95\% CI $[-3.37, -0.50]$”

$estimate$Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = 0.67$, 95\% CI $[-0.44, 1.79]$”

$estimate$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = -1.22$, 95\% CI $[-3.09, 0.65]$”

$estimate$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = 0.21$, 95\% CI $[-1.12, 1.53]$”

$estimate$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = 0.66$, 95\% CI $[-0.47, 1.79]$”

$estimate$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = -1.55$, 95\% CI $[-3.03, -0.07]$”

$estimate$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = -1.90$, 95\% CI $[-3.63, -0.16]$”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = -0.47$, 95\% CI [−1.59, 0.65]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = -0.01$, 95\% CI [−0.90, 0.87]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = -2.22$, 95\% CI [−3.52, −0.92]”

*estimate*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMm_F0_Bu_Bu
[1] “
$DeltaM = 1.43$, 95\% CI [−0.44, 3.30]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMm_F0_Bu_Bu
[1] “
$DeltaM = 1.88$, 95\% CI [0.14, 3.62]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMm_F0_Bu_Bu
[1] “
$DeltaM = -0.33$, 95\% CI [−2.31, 1.66]”

*estimate*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw
[1] “
$DeltaM = 0.45$, 95\% CI [−0.68, 1.59]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw
[1] “
$DeltaM = -1.75$, 95\% CI [−3.23, −0.27]”

*estimate*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw
[1] “
$DeltaM = -2.21$, 95\% CI [−3.52, −0.90]”

$statistic *statistic*Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “$z = -0.02$, $p > .999$”

*statistic*Brandenburg88_E___falciformis_MMd_F0_Sc_Sc____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “$z = 0.37$, $p > .999$”

*statistic*Brandenburg139_E___ferrisi_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “$z = -0.09$, $p > .999$”

*statistic*Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “$z = 0.68$, $p > .999$”

*statistic*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “$z = 1.43$, $p = .954$”

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “$z = 0.42$, $p > .999$”

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “$z = 2.44$, $p = .357$”

*statistic*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “$z = -1.82$, $p = .797$”

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “$z = 0.92$, $p = .999$”

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = 2.38$, $p = .402$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = -3.01$, $p = .099$"

*statistic*Brandenburg88_E___falciformis_MMd_F0_Sc_Sc____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = 0.46$, $p > .999$"

*statistic*Brandenburg139_E___ferrisi_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = -0.09$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = 0.91$, $p = .999$"

*statistic*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = 1.74$, $p = .839$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = 0.52$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = 3.18$, $p = .059$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = -1.95$, $p = .713$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = 1.11$, $p = .993$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = 3.07$, $p = .082$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] "$z = -3.41$, $p = .029$"

*statistic*Brandenburg139_E___ferrisi_MMd_F0_St_St____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] "$z = -0.46$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] "$z = 0.24$, $p > .999$"

*statistic*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] "$z = 1.04$, $p = .996$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] "$z = 0.05$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] "$z = 2.01$, $p = .670$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] "$z = -2.08$, $p = .621$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] "$z = 0.56$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] "$z = 1.95$, $p = .713$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] "$z = -3.34$, $p = .038$"

*statistic*Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] "$z = 0.79$, $p > .999$"

*statistic*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] "$z = 1.52$, $p = .929$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] "$z = 0.51$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] "$z = 2.55$, $p = .290$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] "$z = -1.75$, $p = .833$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] "$z = 1.02$, $p = .997$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] "$z = 2.49$, $p = .331$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] "$z = -2.92$, $p = .123$"

*statistic*Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] "$z = 1.02$, $p = .997$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] "$z = -0.18$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] "$z = 2.33$, $p = .436$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] "$z = -2.40$, $p = .386$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] "$z = 0.43$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] "$z = 2.23$, $p = .504$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] "$z = -4.03$, $p = .003$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] "$z = -0.99$, $p = .998$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] "$z = 0.86$, $p = .999$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] "$z = -2.84$, $p = .153$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] "$z = -0.47$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] "$z = 0.81$, $p > .999$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] "$z = -4.36$, $p = .001$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] "$z = 1.95$, $p = .711$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] "$z = -2.11$, $p = .595$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] "$z = 0.51$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] "$z = 1.89$, $p = .751$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] "$z = -3.38$, $p = .032$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] "$z = -3.54$, $p = .019$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] "$z = -1.35$, $p = .969$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] "$z = -0.05$, $p > .999$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] "$z = -5.53$, $p < .001$"

*statistic*Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMm_F0_Bu_Bu
[1] "$z = 2.47$, $p = .341$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMm_F0_Bu_Bu
[1] "$z = 3.50$, $p = .022$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMm_F0_Bu_Bu
[1] "$z = -0.53$, $p > .999$"

*statistic*Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw
[1] "$z = 1.30$, $p = .977$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw
[1] "$z = -3.83$, $p = .007$"

*statistic*Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw
[1] "$z = -5.45$, $p < .001$"

$full_result $full_result$Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] "
$DeltaM = -0.01$, 95\% CI $[-1.13, 1.11]$, $z = -0.02$, $p > .999$"

$full_result$Brandenburg88_E___falciformis_MMd_F0_Sc_Sc____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] "
$DeltaM = 0.15$, 95\% CI $[-1.17, 1.47]$, $z = 0.37$, $p > .999$"

$full_result$Brandenburg139_E___ferrisi_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] "
$DeltaM = -0.04$, 95\% CI $[-1.36, 1.29]$, $z = -0.09$, $p > .999$"

$full_result$Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] "
$DeltaM = 0.23$, 95\% CI $[-0.88, 1.34]$, $z = 0.68$, $p > .999$"

$full_result$Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] "
$DeltaM = 0.56$, 95\% CI $[-0.71, 1.84]$, $z = 1.43$, $p = .954$"

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] "
$DeltaM = 0.17$, 95\% CI $[-1.15, 1.49]$, $z = 0.42$, $p > .999$"

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.85$, 95\% CI $[-0.27, 1.96]$, $z = 2.44$, $p = .357$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.05$, 95\% CI $[-2.92, 0.82]$, $z = -1.82$, $p = .797$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.38$, 95\% CI $[-0.95, 1.70]$, $z = 0.92$, $p = .999$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.83$, 95\% CI $[-0.30, 1.96]$, $z = 2.38$, $p = .402$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.38$, 95\% CI $[-2.86, 0.10]$, $z = -3.01$, $p = .099$”

$full_result$Brandenburg88_E___falciformis_MMd_F0_Sc_Sc____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.16$, 95\% CI $[-0.96, 1.28]$, $z = 0.46$, $p > .999$”

$full_result$Brandenburg139_E___ferrisi_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -0.03$, 95\% CI $[-1.15, 1.09]$, $z = -0.09$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.24$, 95\% CI $[-0.61, 1.09]$, $z = 0.91$, $p = .999$”

$full_result$Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.57$, 95\% CI $[-0.49, 1.63]$, $z = 1.74$, $p = .839$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.18$, 95\% CI $[-0.94, 1.30]$, $z = 0.52$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.85$, 95\% CI $[-0.01, 1.72]$, $z = 3.18$, $p = .059$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.04$, 95\% CI $[-2.78, 0.69]$, $z = -1.95$, $p = .713$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.39$, 95\% CI $[-0.73, 1.50]$, $z = 1.11$, $p = .993$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.84$, 95\% CI $[-0.04, 1.72]$, $z = 3.07$, $p = .082$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.37$, 95\% CI $[-2.67, -0.07]$, $z = -3.41$, $p = .029$”

$full_result$Brandenburg139_E___ferrisi_MMd_F0_St_St____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = -0.19$, 95\% CI $[-1.51, 1.14]$, $z = -0.46$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.08$, 95\% CI $[-1.03, 1.19]$, $z = 0.24$, $p > .999$”

$full_result$Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.41$, 95\% CI $[-0.86, 1.69]$, $z = 1.04$, $p = .996$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.02$, 95\% CI $[-1.30, 1.34]$, $z = 0.05$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.69$, 95\% CI $[-0.42, 1.81]$, $z = 2.01$, $p = .670$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.20$, 95\% CI $[-3.07, 0.67]$, $z = -2.08$, $p = .621$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.23$, 95\% CI $[-1.10, 1.55]$, $z = 0.56$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = 0.68$, 95\% CI $[-0.45, 1.81]$, $z = 1.95$, $p = .713$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_Sc_Sc
[1] “
$DeltaM = -1.53$, 95\% CI $[-3.01, -0.05]$, $z = -3.34$, $p = .038$”

$full_result$Brandenburg64_E___ferrisi_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.27$, 95\% CI $[-0.84, 1.38]$, $z = 0.79$, $p > .999$”

$full_result$Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.60$, 95\% CI $[-0.68, 1.88]$, $z = 1.52$, $p = .929$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.21$, 95\% CI $[-1.11, 1.53]$, $z = 0.51$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.88$, 95\% CI $[-0.24, 2.00]$, $z = 2.55$, $p = .290$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -1.01$, 95\% CI $[-2.88, 0.86]$, $z = -1.75$, $p = .833$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.42$, 95\% CI $[-0.91, 1.74]$, $z = 1.02$, $p = .997$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.87$, 95\% CI $[-0.26, 2.00]$, $z = 2.49$, $p = .331$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -1.34$, 95\% CI $[-2.82, 0.14]$, $z = -2.92$, $p = .123$”

$full_result$Brandenburg88_E___falciformis_MMd_F0_St_St____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.33$, 95\% CI $[-0.72, 1.38]$, $z = 1.02$, $p = .997$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -0.06$, 95\% CI $[-1.17, 1.05]$, $z = -0.18$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.61$, 95\% CI $[-0.24, 1.47]$, $z = 2.33$, $p = .436$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -1.28$, 95\% CI $[-3.01, 0.44]$, $z = -2.40$, $p = .386$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.15$, 95\% CI $[-0.96, 1.25]$, $z = 0.43$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = 0.60$, 95\% CI $[-0.27, 1.47]$, $z = 2.23$, $p = .504$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMd_F0_St_St
[1] “
$DeltaM = -1.61$, 95\% CI $[-2.90, -0.32]$, $z = -4.03$, $p = .003$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = -0.39$, 95\% CI $[-1.67, 0.88]$, $z = -0.99$, $p = .998$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = 0.28$, 95\% CI $[-0.78, 1.34]$, $z = 0.86$, $p = .999$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = -1.61$, 95\% CI $[-3.45, 0.23]$, $z = -2.84$, $p = .153$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = -0.18$, 95\% CI $[-1.46, 1.09]$, $z = -0.47$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = 0.27$, 95\% CI $[-0.81, 1.34]$, $z = 0.81$, $p > .999$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMd_F0_St_St
[1] “
$DeltaM = -1.94$, 95\% CI $[-3.37, -0.50]$, $z = -4.36$, $p = .001$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = 0.67$, 95\% CI $[-0.44, 1.79]$, $z = 1.95$, $p = .711$”

$full_result$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = -1.22$, 95\% CI $[-3.09, 0.65]$, $z = -2.11$, $p = .595$”

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] “
$DeltaM = 0.21$, 95\% CI $[-1.12, 1.53]$, $z = 0.51$, $p > .999$”

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] "
$DeltaM = 0.66$, 95\% CI $[-0.47, 1.79]$, $z = 1.89$, $p = .751$"

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Bu_Bu
[1] "
$DeltaM = -1.55$, 95\% CI $[-3.03, -0.07]$, $z = -3.38$, $p = .032$"

$full_result$Brandenburg88_E___falciformis_MMm_F0_Bu_Bu____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] "
$DeltaM = -1.90$, 95\% CI $[-3.63, -0.16]$, $z = -3.54$, $p = .019$"

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] "
$DeltaM = -0.47$, 95\% CI $[-1.59, 0.65]$, $z = -1.35$, $p = .969$"

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] "
$DeltaM = -0.01$, 95\% CI $[-0.90, 0.87]$, $z = -0.05$, $p > .999$"

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Bu_Bu
[1] "
$DeltaM = -2.22$, 95\% CI $[-3.52, -0.92]$, $z = -5.53$, $p < .001$"

$full_result$Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMm_F0_Bu_Bu
[1] "
$DeltaM = 1.43$, 95\% CI $[-0.44, 3.30]$, $z = 2.47$, $p = .341$"

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMm_F0_Bu_Bu
[1] "
$DeltaM = 1.88$, 95\% CI $[0.14, 3.62]$, $z = 3.50$, $p = .022$"

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg88_E___falciformis_MMm_F0_Bu_Bu
[1] "
$DeltaM = -0.33$, 95\% CI $[-2.31, 1.66]$, $z = -0.53$, $p > .999$"

$full_result$Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw
[1] "
$DeltaM = 0.45$, 95\% CI $[-0.68, 1.59]$, $z = 1.30$, $p = .977$"

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg139_E___ferrisi_MMm_F0_Pw_Pw
[1] "
$DeltaM = -1.75$, 95\% CI $[-3.23, -0.27]$, $z = -3.83$, $p = .007$"

$full_result$Brandenburg88_E___falciformis_MMm_F0_Pw_Pw____Brandenburg64_E___ferrisi_MMm_F0_Pw_Pw
[1] "
$DeltaM = -2.21$, 95\% CI $[-3.52, -0.90]$, $z = -5.45$, $p < .001$"

$table A data.frame with 4 labelled columns:

	estimate
Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc)	-0.01
Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc)	0.15
Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc)	-0.04
Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc)	0.23
Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc)	0.56
Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc)	0.17
Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc)	0.85
Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc)	-1.05
Brandenburg139	

(E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) 0.38 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) 0.83 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) -1.38 Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.16 Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) -0.03 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.24 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.57 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.18 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.85 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) -1.04 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.39 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.84 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) -1.37 Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) -0.19 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 0.08 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 0.41 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 0.02 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 0.69 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) -1.20 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 0.23 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 0.68 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) -1.53 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 0.27 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 0.60 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 0.21 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 0.88 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) -1.01 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 0.42 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 0.87 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) -1.34 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) 0.33 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) -0.06 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) 0.61 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) -1.28 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) 0.15 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) 0.60 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) -1.61 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) -0.39 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) 0.28 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) -1.61 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) -0.18 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) 0.27 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) -1.94 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) 0.67 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) -1.22 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) 0.21 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) 0.66 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) -1.55 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) -1.90 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) -0.47 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) -0.01 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) -2.22 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) 1.43 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) 1.88 Brandenburg88 (E.

falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) -0.33 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) 0.45 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) -1.75 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) -2.21 ci Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−1.13, 1.11] Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−1.17, 1.47] Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−1.36, 1.29] Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.88, 1.34] Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.71, 1.84] Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−1.15, 1.49] Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.27, 1.96] Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−2.92, 0.82] Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.95, 1.70] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.30, 1.96] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) [−2.86, 0.10] Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.96, 1.28] Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−1.15, 1.09] Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.61, 1.09] Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.49, 1.63] Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.94, 1.30] Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.01, 1.72] Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−2.78, 0.69] Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.73, 1.50] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−0.04, 1.72] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) [−2.67, −0.07] Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) [−1.51, 1.14] Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) [−1.03, 1.19] Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) [−0.86, 1.69] Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) [−1.30, 1.34] Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) [−0.42, 1.81] Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) [−3.07, 0.67] Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) [−1.10, 1.55] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) [−0.45, 1.81] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) [−3.01, −0.05] Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) [−0.84, 1.38] Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) [−0.68, 1.88] Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) [−1.11, 1.53] Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) [−0.24, 2.00] Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) [−2.88, 0.86] Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) [−0.91, 1.74] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) [−0.26, 2.00] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) [−2.82, 0.14] Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) [−0.72, 1.38] Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) [−1.17, 1.05] Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) [−0.24, 1.47] Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) [−3.01, 0.44] Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) [−0.96, 1.25] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) [−0.27, 1.47] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) [−2.90, −0.32] Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) [−1.67, 0.88] Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) [−0.78, 1.34] Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) [−3.45, 0.23] Bran-

denburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) [−1.46, 1.09] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) [−0.81, 1.34] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) [−3.37, −0.50] Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) [−0.44, 1.79] Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) [−3.09, 0.65] Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) [−1.12, 1.53] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) [−0.47, 1.79] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) [−3.03, −0.07] Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) [−3.63, −0.16] Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) [−1.59, 0.65] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) [−0.90, 0.87] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) [−3.52, −0.92] Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) [−0.44, 3.30] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) [0.14, 3.62] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) [−2.31, 1.66] Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) [−0.68, 1.59] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) [−3.23, −0.27] Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) [−3.52, −0.90] statistic Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) -0.02 Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) 0.37 Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) -0.09 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) 0.68 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) 1.43 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) 0.42 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) 2.44 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) -1.82 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) 0.92 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) 2.38 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) -3.01 Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.46 Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) -0.09 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.91 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 1.74 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 0.52 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 3.18 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) -1.95 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 1.11 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) 3.07 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) -3.41 Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) -0.46 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 0.24 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 1.04 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 0.05 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 2.01 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) -2.08 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 0.56 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) 1.95 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) -3.34 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 0.79 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 1.52 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 0.51 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 2.55 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu)

- Brandenburg139 (E. ferrisi).MMd_F0 (St-St) -1.75 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 1.02 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) 2.49 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) -2.92 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) 1.02 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) -0.18 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) 2.33 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) -2.40 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) 0.43 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) 2.23 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) -4.03 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) -0.99 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) 0.86 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) -2.84 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) -0.47 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) 0.81 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) -4.36 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) 1.95 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) -2.11 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) 0.51 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) 1.89 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) -3.38 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) -3.54 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) -1.35 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) -0.05 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) -5.53 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) 2.47 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) 3.50 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) -0.53 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) 1.30 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) -3.83 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) -5.45 p.value Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) > .999 Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) > .999 Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) > .999 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) > .999 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) .954 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) .357 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) .797 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) .999 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) .402 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (Sc-Sc) .099 Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) > .999 Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) > .999 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) .999 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) .839 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) .059 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) .713 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) .993 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) .082 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (Sc-Sc) .029 Brandenburg139 (E. ferrisi).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) > .999 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) -

Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) > .999 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) .996 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) .670 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) .621 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) .713 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (Sc-Sc) .038 Brandenburg64 (E. ferrisi).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) > .999 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) .929 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) .290 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) .833 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) .997 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) .331 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMd_F0 (St-St) .123 Brandenburg88 (E. falciformis).MMd_F0 (St-St) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) .997 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) .436 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) .386 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) .504 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMd_F0 (St-St) .003 Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) .998 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) .999 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) .153 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) > .999 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMd_F0 (St-St) .001 Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) .711 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) .595 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) .751 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Bu-Bu) .032 Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) .019 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) .969 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) > .999 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Bu-Bu) < .001 Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) .341 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) .022 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg88 (E. falciformis).MMm_F0 (Bu-Bu) > .999 Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) .977 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg139 (E. ferrisi).MMm_F0 (Pw-Pw) .007 Brandenburg88 (E. falciformis).MMm_F0 (Pw-Pw) - Brandenburg64 (E. ferrisi).MMm_F0 (Pw-Pw) < .001

estimate : ΔM ci : 95% CI statistic: z p.value : p