#Evaluating Cochran–Armitage test for 3*2 contingency table from *Leishmania* infection data

```
library(DescTools)

Control_group <- c(0,1,21)

Study_group <- c(5,6,6)

mat <- matrix(c(Control_group, Study_group),

        nrow=2,

        byrow=TRUE)

colnames(TC1) <- c("No infection", "Immature infection", "Mature infection")

rownames(TC1) <- c("Control", "Study")

CochranArmitageTest(mat, alternative="two.sided")
```