







```
1 2 3 4
1 1 0 1 0
2 0 1 0 1
3 1 0 1 0
4 0 1 0 1
```

```
```{r}
lm1 = lm(y\sim Block+Trt, data)
emmeans(lm1,pairwise~Trt)$contrasts
   SE df t.ratio p.value
            estimate
 contrast
 1 - 2
               nonEst
                             NA NA
  NA
  NA
 1 - 3
           -0.4306599 0.4025535 2
                                    -1.070
  0.7381
 1 - 4
               nonEst
                             NA NA
  NA
  NA
```

NA NA

NA NA

NA

NA

0.652

NA

NA

0.9068

Results are averaged over the levels of: Block
P value adjustment: tukey method for comparing a family
of 4 estimates

nonEst

nonEst

0.2626295 0.4025535 2

2 - 3

2 - 4

3 - 4

Rep 1 Rep 2 Rep 3 Rep 4

1 3 2 | | | 8 5 2

1 / 4

7 8 9 ||| 6 9 3

3 8 4

7 6 2

5 9 1

2 4 9

8 6 1

7 5 3