

## A (a simple R script)

```
data <- matrix(c(1,2,3,4), ncol=2)
fisher.test(data,alternative="greater")
```

## B (the GUI definition file)

```
<rgg>
< h3 text="Fisher`s Exact Test for Count Data"/>
  <matrix var="data"/>
  <group>
    <combobox var="x" label="Alternative Hypothesis"
      items="two.sided,greater,less"/>
  </group>
  fisher.test(data,alternative=x)
</rgg>
```

## C (GUI with user settings)

A	B
5	8
13	20

Rows:   Columns:

Alternative Hypothesis:  (dropdown menu open showing: two.sided, greater, less)

## D (the resulting R script)

```
data <- matrix(c(5,8,13,20), ncol=2)
x <- "two.sided"
fisher.test(data,alternative=x)
```