

Effect Size calculator for meta-analysis

This printout illustrates how to use the effect size calculator

In order to use this package, you need to install it first. follow directions for installation from the installation manual in the **week 6** page.

loads package

```
library("Effectsizecalculator")
```

Effect sizes based on correlation

r from exact p-value from a t-test

p = 0.05, df = 20, N = 22

```
ESrExpT(.05, 20, 22, 2)
```

```
## $`Effect Size`  
## [1] -0.4227135  
##  
## $`Fisher's transformed r`  
## [1] -0.4509913  
##  
## $Variance  
## [1] 0.05263158
```

r from exact p-value from a Chi-square test

p value = 0.05, df = 1, N = 22

```
ESrExpX(.05, 1, 22)
```

```
## $`Effect Size`  
## [1] 0.4178657  
##  
## $`Fisher's transformed r`  
## [1] 0.4451034  
##  
## $Variance  
## [1] 0.05263158
```

r from t-test

t = 2.086, N = 22

```
ESrT(2.086, 22)
```

```
## `$Effect Size`  
## [1] 0.4227196  
##  
## `$Fisher's transformed r`  
## [1] 0.4509987  
##  
## $Variance  
## [1] 0.05263158
```