

# WARSZTATY BADAWCZE - PROJEKT 6

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```
library(pwr)
w = 0.273861279

pwr.chisq.test(w =w, N = 200, df = 1, sig.level = 0.05)

y <- supply( 1:500,function(x){
  nBinomial(p1=0.45,p2=0.3,alpha=0.05,n=x,outtype=2,sided=2)$Power

library(ggplot2)
x <- data.frame( power = y, sample = 1:500)
  p <- ggplot( x , aes(x = power, y = sample)) +geom_smooth() +
  theme_bw(base_family="serif", base_size=20)+
  scale_y_continuous( breaks=seq(0,500, 25) ) +
  scale_x_continuous( breaks=seq(0,1, 0.1) )

  print(p)
```

## PYT1 2/2

```
install.packages("gsDesign")  
library(gsDesign)  
?  
nBinomial  
  
simBinomial(p1=0.3, p2=0.45, n1=100, n2=100, delta0=0, nsim=1000)
```

# PYT2

# PYT3

# PYT4

# PYT5

# PYT6



# PYT7

# PYT8

# PYT9

# PYT10