# Assignment 1

3 4 b 3 4

3 4 9 b

∩ 3>• • b4 >

3 4 b>

∩ 3 Jb¾ b9 b> 3 Jb¾ b

∩ 3 4 9 b

#### **Assignment 2**

From the information given, it follows that the case is binomial with n=1000 and p=0.015

3~4~ b>>> > $\$  So the company should expect to pay out 15 million DKK

∩ b9 3bn 8b>>>8>⇒bn4 ∫ >**ni** d

So there is a 43% chance that the company will need more than 15 million

∩ 3<del>><n{</del>b>>>{b}/dd

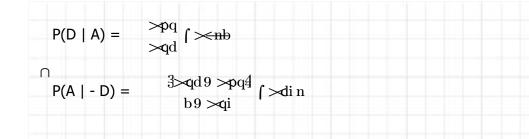
So, they would need to reserve a minimum of 22 million DKK, if they are to be 95% certain of having enough money

## **Assignment 3**

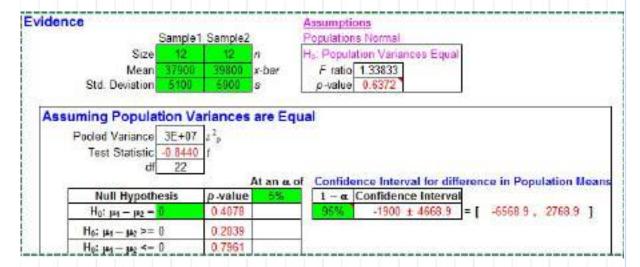
3 4 ≫qi

3 4 ≫qd

3 4 **>**pq

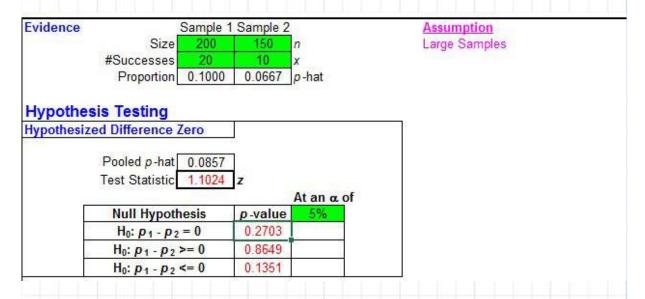


## **Assignment 4**



There is not sufficient evidence to support the claim that the two tries differ significantly

## **Assignment 5**



Since p-value = 0.1351 we do not have evidence to support the claim that breast cancer is more prevalent in the urban community

