

Type I and Type II errors

Type I error
(false positive)



Type II error
(false negative)



- Controlling for Type II errors is as important as controlling for Type I errors. The probability of a Type II error is known as Beta (β).
- The probability of arriving at a Type II error (not finding a difference where there is one) is related to the experimental power of your design.
- For any experiment, Power = $1 - \beta$