Type I and Type II errors
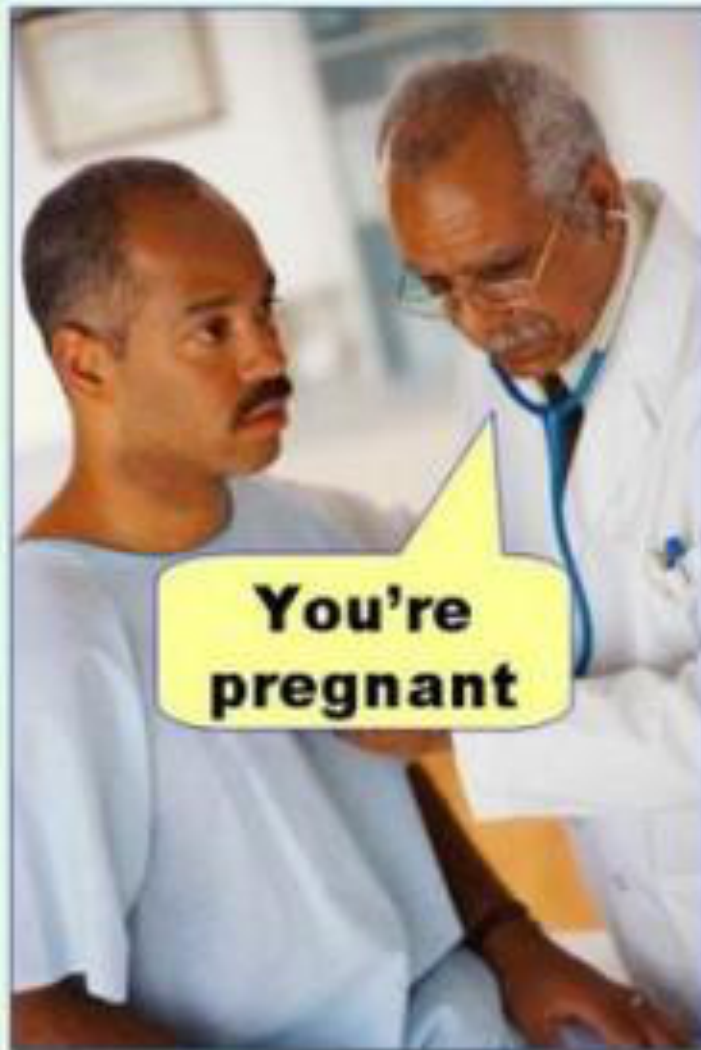
- With an α level of 0.05, we have a 5% chance of falsely rejecting the null hypothesis (H0).

- Falsely rejecting H0 is known as a Type I error (i.e., thinking we have found a difference when these isn't one).

- There are also Type II errors which involve failing to find a difference when one is actually present.

- Most of what you have been taught at UG level will have involved trying to avoid Type I errors.

Type I and Type II errors