Week2_Notes

review, technology overview, R overview (more of it!),Maybe
some others sampling distribution, File overview, diagnostic tests

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Introduction

Finally have university email: `alexander_frieden@uml.edu`

Feel free to use both addresses

Lets go back to review previous content

Type I Error Defintion

A type I error occurs when the null hypothesis is true, but is rejected. It is asserting something that is absent, a false hit.

A type I error may be compared with a so-called false positive (a result that indicates that a given condition is present when it actually is not present) in tests where a single condition is tested for.

Type 1 Error Example

I have two sequencing datasets, a gold standard and a new one that my lab has generated from a new technology. For brevity we will call G the gold standard and N the new technology dataset. I see a genetic variant in N that I do not see in G.

This is a false positive.