Null hypothesis

H0= membranes will have no impact on the usability.

H1= Red mechanical keyboard improve typing over membrane’s

H2 = Blue mechanical keyboard improve typing over membranes

Alternative hypothesis (the statement we try to prove)

Different keyboards will impact the usability.

Membrane keyboard will be measured against red switches.

And to further explore

Membrane keyboard will be measured against blue switches.

We want to find the null hypothesis of a random sample of students taking an online typing test with a mechanical keyboard will affect the usability against membranes keyboards.

|  |  |  |
| --- | --- | --- |
|  |  | p value: |
|  |  | 0.346286 |
| Null hypothesis: There | | |
| Difference is not significant | | |
| Null is incorrect. "reject the null" | | |
| There is a relationship between membrane and MECH | | |
| |  |  | | --- | --- | | *p* **≥**.05 | likely to be a result of chance (same as saying A = B) | |  | difference is not significant | |  | null is correct | |  | “fail to reject the null” | |  | There is no relationship between  A and B. | |  |  |

P >= 0.05

https://researchrundowns.wordpress.com/quantitative-methods/significance-testing/