WORDING THE FINAL CONCLUSION

Start

Does the original claim contain the condition of equality?

No

The original claim does not contain equality and becomes $H_1$

No

Do you reject $H_0$?

Fail to reject $H_0$

“There is not sufficient evidence to support the claim that . . . (original claim).”

Yes

Reject $H_0$

“There is sufficient evidence to support the claim that . . . (original claim).”

Yes

The original claim contains equality

No

Do you reject $H_0$?

Fail to reject $H_0$

“There is not sufficient evidence to warrant rejection of the claim that . . . (original claim).”

Yes

Reject $H_0$

“There is sufficient evidence to warrant rejection of the claim that . . . (original claim).”

(This is the only case in which the original claim is supported.)

(This is the only case in which the original claim is rejected.)