

Conjectures and Refutations

Conjecture (c1) → Refutation*

New conjecture (c2) → Refutation*

New conjecture (c3) → Refutation*

New conjecture (c4) → Not refuted (yet)

***theories are refuted (or falsified) through experiment or observation**

c2 should be:

- a) highly falsifiable**
- b) able to explain more than c1**
- c) able to explain what the flaw in c1 was**

c4 is the closest we have to the truth because it has not yet been falsified. We cannot say that it is the truth because we can never prove a theory to be true.

The job of scientists is to try their very best to falsify the theories that they are presented with.