

## premise 5

There are other explanations for the data. The headlights might not have come on because the bulbs are no longer functioning, or there could have been a wiring problem somewhere between the switch for the lights and the lights themselves. The hypothesis is, however, a better explanation for the data than either of these two explanations. Although lightbulbs do stop working after a period of time, it is unlikely that the bulbs in both of the car's headlights would stop working at the same time that the car itself won't start. And not only are wiring problems relatively rare in most cars, it is, again, unlikely that a wiring problem affecting the headlights would occur at the same time that the car itself will not start.