Weaknesses

* In their experiments they limited the possible locations to find food, so even if some ants would be skilled in finding food, they just got unlucky due to the unnatural circumstances
* Only ant’s foraging ability was tested, for ants that didn’t forage it’s possible it’s because they were much better at stimulating/nursing the brood than most. Even if they were also good at foraging
* They made some assumptions such as ants who stayed with the brood instead of foraging might have been just better at stimulating and taking care of the brood
* Only tested if early success had an effect on what labor task an ant will take throughout its lifetime
  + Could also test whether having success and failures later in life if they would switch roles

Extension

* Devise a test to test the ants brood stimulation ability
* Test whether unsuccessful ants would go back out to explore if their food supply started running low
* Could also test a high amount of readily accessible food, but getting the food resulted in a high amount of deaths if the priority would then go to nursing

Strength

* Proved that workers that were previously successful in obtaining prey would explore farther than those that were not, and workers that failed would spend more time with the brood
* They set up their experiment with ants of all the exact same size, shape and age
* They broke down all of the exact steps they used to conduct the experiment
* Had laser focus in eliminating all variables