HYPOTHESIS

If we raise the number of moves to around 40 and keep the number of ants that explore at 30%, then all the ants will reach the destination (0.01 from coordinates of zero) because:

* If they are given more moves, they are given more time to use each other and can follow each other to reach the destination.
* When more ants are exploring, an ant could find a better route, which other ants will be able to follow. Say a low percentage (10%), of the ants were exploring, then there will be less ants that explore, which causes following problem: After the initial random moves, there will be an ant that will be followed by all the other ants, then the ant colony is not reaching its potential. By having more ants exploring, we can have ants that might find a better route, taking the ants to the destination more effectively. If there are too many exploring, too many of the ants would be going all over the place, not being effective since not many are following. I believe 30% is the perfect amount to explore.