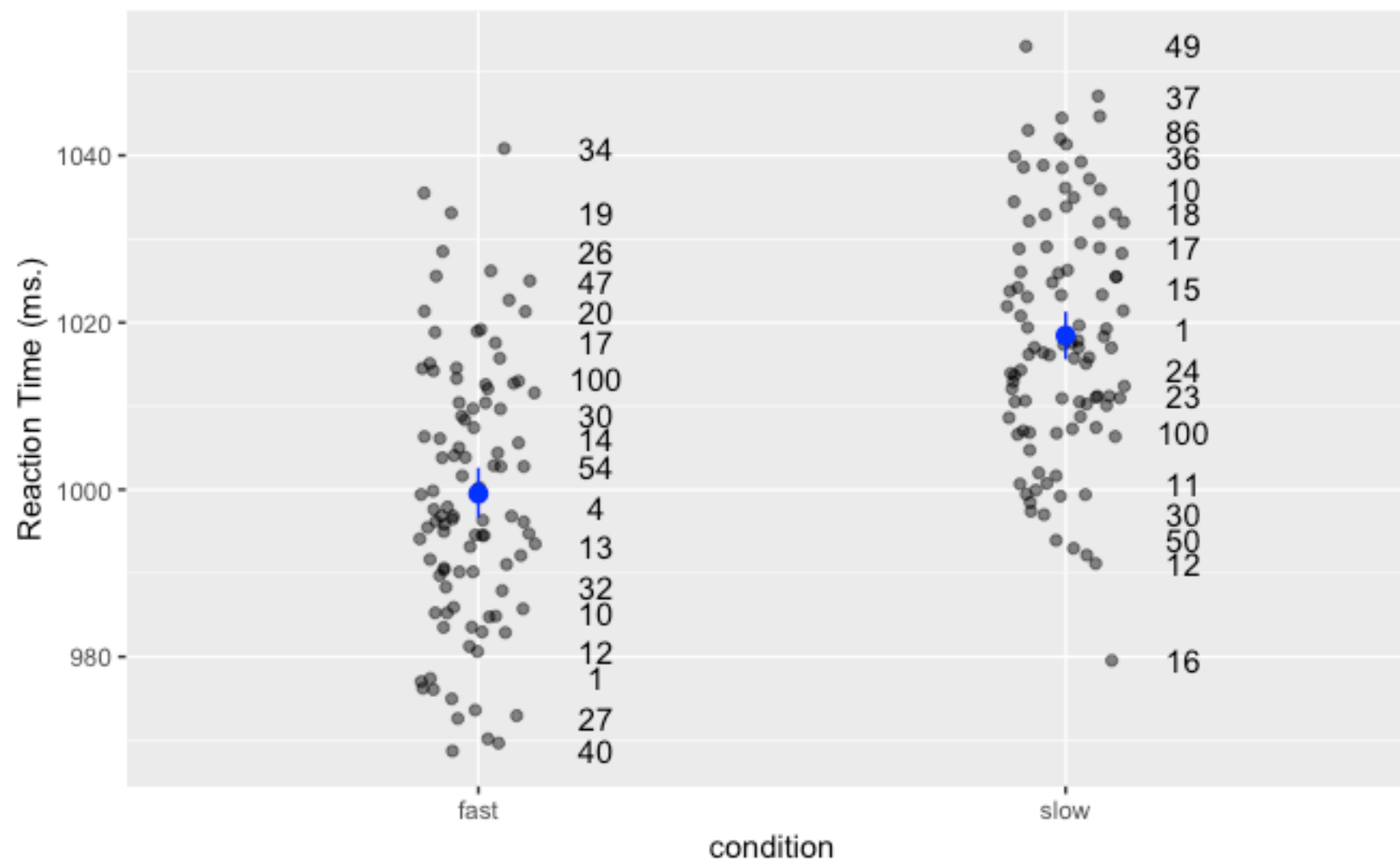


Comparing conditions

- Now imagine a case where we're simulating data from 100 experiments - each with one repeated measures factor with two levels - 'Fast' vs. 'Slow'
- After we have created our 100 simulations, we can carry out 100 t-tests to determine how many of the simulations produce a significant difference between our two conditions.



Overall the “Slow” condition RTs are higher than the “Fast” Condition RTs - but we can spot some simulations where the difference is negligible or even goes the wrong way (e.g., Simulation 100). The blue circles corresponds to the overall means and are pretty much bang on 1000 and 1020.