Type 1 and Type 2 errors

1. A survey is run to determine who likes Shani’s cakes.

H0: p = 0.75 HA: p **≠** 0.75

Conclusion: Do not reject H0.

There is not sufficient evidence to conclude that the true proportion is different from 75%.

If the true proportion is 70%, then this is

1. Type 1 error
2. Type 2 error
3. No error
4. A survey is run to determine who likes Avi’s restaurant.

H0: p = 0.75 HA: p **≠** 0.75

Conclusion: Reject H0.

There is convincing evidence that the true proportion is different from 75%.

If the true proportion is 70%, then this is

1. Type 1 error
2. Type 2 error
3. No error