We went over the regression activity — see notes of Friday, Sept. 17.

Quick intro to Sampling distributions :

Rare (?) to see a fair coin produce exactly 50 H, 50 T in 100 flips.

But is a 61 - 39 result suspicious?

Need: Distribution of $\hat{p}$ values under conditions

- Coin is fair
- flip 100 times

Sampling distribution of $\hat{p}$ when $p = 0.5$, $n = 100$.