H_0: 1st babies doesn't come late

H_a: They appear late

Suppose the ~~dis~~ difference is ~~1 month~~ 2 days.

avg [prg length (1st babies)] − avg [prg length (other babies)] = 2 days

↳ Simulate the null hypothesis is null hypothesis : Shuffle (pool (Data (prg length of 1st babies) AND Data (prg length of Other)))

↳ Simulate it 1000 iterations ↳ create chances

↳ Compute the difference in prg length.

↳ Suppose output → [−1, −2, −3, −4, +1]

output (2) → [+1, −2, +3, +4, +6, 0]

and out ↳ Significant

Data by chance ↓ not Significant