Chapter 6

# Try It Yourself: Estimation from Different Sampling Methods

## StatCrunch Instructions

Calculate Statistics for Simple Random Sample:

1. Open the **student\_socialmedia\_srs** dataset in StatCrunch
2. Stat → Summary Stats → Columns
3. Select columns → social\_media
4. Group by → class
5. Statistics → n, Mean
6. Click Compute!
7. Stat → Summary Stats → Columns
8. Select columns → social\_media
9. Statistics → Mean
10. Click Compute!

Calculate Statistics for Stratified Random Sample:

1. Open the **student\_socialmedia\_strat** dataset in StatCrunch
2. Stat → Summary Stats → Columns
3. Select columns → social\_media
4. Group by → class
5. Statistics → n, Mean
6. Click Compute!
7. Stat → Summary Stats → Columns
8. Select columns → social\_media
9. Statistics → Mean
10. Click Compute!

Calculate Statistics for Balanced Stratified Random Sample:

1. Open the **student\_socialmedia\_bal\_strat** dataset in StatCrunch
2. Stat → Summary Stats → Columns
3. Select columns → social\_media
4. Group by → class
5. Statistics → Mean, n
6. Click Compute!
7. Stat → Summary Stats → Columns
8. Select columns → social\_media
9. Statistics → Mean
10. Click Compute!