Lab 1 results

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## Results for single rock





## Choosing 5 rocks to estimate mean



## Choosing 5 rocks to estimate variability (sd)



## True simple random samples, 5000 samples, size 1



## Simple random samples, 5000 samples, size 5



## Using a random sample to estimate variability (sd)



## Using a random sample to estimate variability (variance)



## Randomization test





## Choice of software

## # A tibble: 6 × 2
## software count
## <chr> <int>
## 1 JMP 6
## 2 JMP+(R+SAS) 1
## 3 R 63
## 4 R+JMP 1
## 5 R+SAS 2
## 6 SAS 10