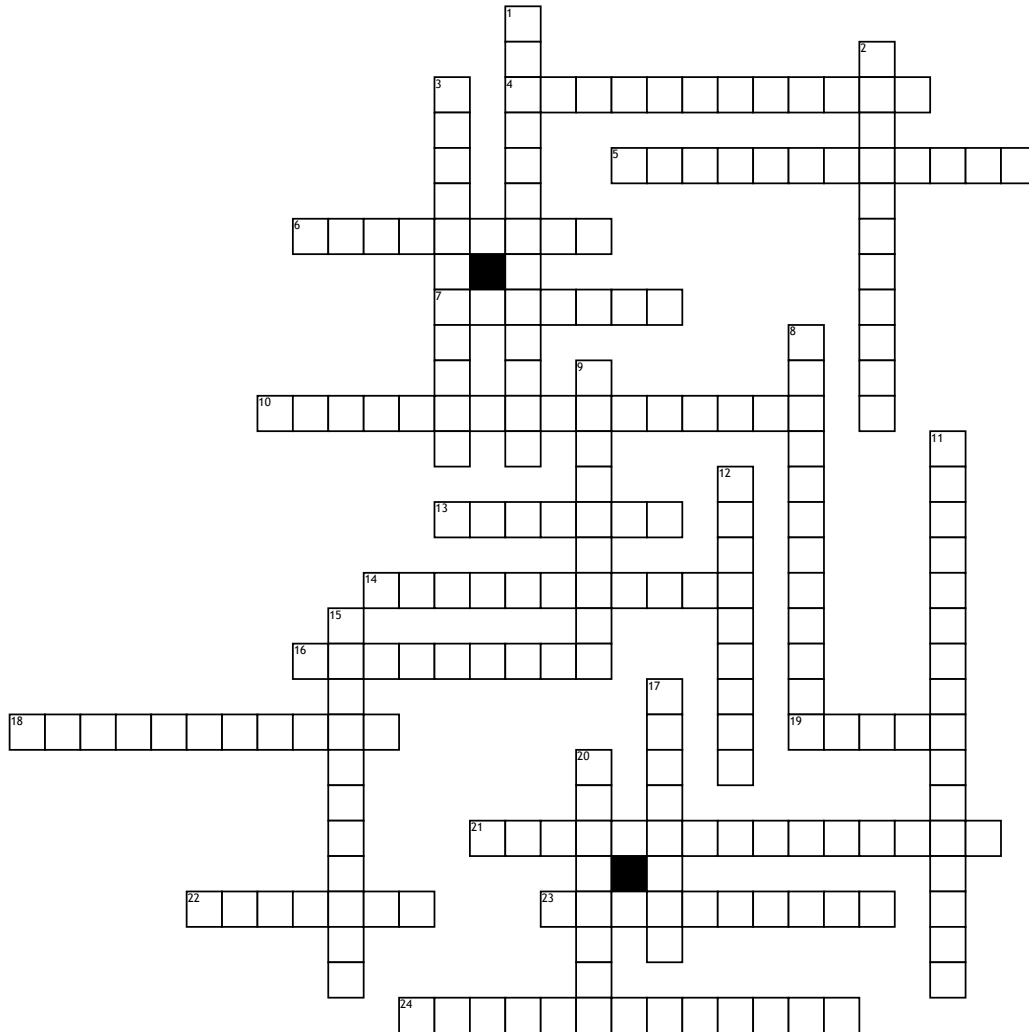


Organization of data analysis



Across

- 4. A survey of high school students to measure teenage use of illegal drugs
- 5. In clinical research about TB any data produced are the result of a clinical trial.
- 6. Turnout for each canton in federal elections
- 7. Information that is obtained directly by student researchers in Mc Master University from surveys and observation
- 10. A survey researcher selects a sample of hospitals randomly, then within each hospital he select a single ward randomly, then select individual patients from each ward randomly
- 13. A classification of heavy smokers, light smokers and non smokers
- 14. An evaluation of Kim's reading behavior based on his English teacher's observation.
- 16. A news show asks viewers to participate in an on-line poll
- 18. Counting the number of cars crashing.

- 19. A national census collects age, home address, educational level, and employment status recorded separately for every person who responds.
- 21. One survey team's portable machine to measure BAC malfunctioned and was not checked, as should be done every day. It measured everyone's BAC as 0.8 g/ml , too high.
- 22. The number of left-handed students in Mr Song's classroom
- 23. I am 5.5 feet, Henson is 5.4 feet feet and Gabriel is 5.6 feet.
- 24. An airline company wants to survey its customers one day, so they randomly select 5 flights that day and survey every passenger on those flights.

- 8. Picking marbles from a big jar
- 9. Mr. Joseph uses information from the most recent census, which gathers information on factors such as age, address, and earnings of households in a particular area, to determine if it would be profitable to open another store in the next city.
- 11. A random selection of 50 students from CALC
- 12. Number of people that attended the movie theater over the course of a month.
- 15. A pollster from Downtown City-news interviews shoppers at a Eaton mall.
- 17. Serin is selling cupcakes door to door in an effort to buy more flutes and trumpets for the school band
- 20. Asking a person about an event that happened in the distant past that they feel pressured talking about.

- Down**
- 1. Information a researcher collects when trying to determine the effects that eating strictly organic foods has on overall health.
 - 2. Mr Song wants to know about hair color, eye color, cleft chins, and detached earlobes. He hands out a survey to the 12 people in his class.
 - 3. A smartphone survey for older adults;

Word Bank

- | | | | | |
|------------------|--------------|-------------|------------------|---------------|
| populationsample | simplerandom | response | destructive | micro |
| ordinal | samplingbias | continuous | nominal | discrete |
| measurementbias | numerical | aggregate | multistagerandom | nonresponse |
| voluntary | convenience | categorical | secondary | observational |
| qualitative | experimental | primary | clusterrandom | |