Select Variable Type (and subtype, if applicable) for the following: (use the codes C, CB, O, QI, QC)

\_\_\_ Socio-economic Class (Low, Low-Middle, Middle, High-Middle, High)

\_\_\_ Pre-K, 4th grade and 6th grade in a study that looks at class size

\_\_\_ Age, between 12 and 15 years

\_\_\_Automobile category

\_\_\_ the scale (Strongly Disagree, Disagree, Neutral, Agree, Strongly Agree)

\_\_\_Age, between 1 and 25 years

\_\_\_IQ Score

\_\_\_Age, in years and months

\_\_\_Two tasty danishes today or just one

\_\_\_College Football Rank

\_\_\_Number of red peppers on the ‘hot’ scale

\_\_\_Ate Chinese food for dinner in the past week

\_\_\_Low Med High

\_\_\_Party Affiliation (Republican, Independent, Democrat)

\_\_\_Political Orientation (Far Left, Left, Center, Right, Far Right)

\_\_\_Party Affiliation (Republican, Democrat)

\_\_\_Party Affiliation (Republican, Democrat, Independence, Green, Working Families)

\_\_\_No, Maybe, Yes

\_\_\_(L, N, D, P) for Like, Neutral, Don’t Like, Prefer Stove Top Stuffing).

\_\_\_ 1st, 2nd, 3rd,4th,etc

\_\_\_car body type

**Solution sheet.** Lower number is more preferable. Italics means it is not the best answer, but possible.

C = Categorical, CB = Categorical Binary

O = Oridinal

Q = Quantitative, QI=Quantitative Integer, QC=Quantitative Continuous

|  |  |  |  |
| --- | --- | --- | --- |
| **C** | **O** | **Q** |  |
|  | **B** |  | **I** | **C** |  |
|  |  | 1 | 2 |  | Socio-economic Class (Low, Low-Middle, Middle, High-Middle, High) |
| 1 |  | 2 |  |  | Pre-K, 4th grade and 6th grade in a study that looks at class size |
|  |  | 1 | 2 |  | Age, between 12 and 15 years |
| 1 |  | 2[[1]](#footnote-1) |  |  | Automobile category |
| *2* |  | 1 |  |  | the scale (Strongly Disagree, Disagree, Neutral, Agree, Strongly Agree) |
|  |  | 2 | 1 |  | Age, between 1 and 25 years |
|  |  | *3* | 1 | 2 | IQ Score |
|  |  |  | 2 | 1 | Age, in years and months |
|  | 1 |  |  |  | Two tasty danishes today or just one |
|  |  | 1 | 2 |  | College Football Rank |
|  |  | 1 | 2 |  | Number of red peppers on the ‘hot’ scale |
|  | 1 |  |  |  | Ate Chinese food for dinner in the past week |
| 2 |  | 1 |  |  | Low Med High |
| 1 |  | 2 |  |  | Party Affiliation (Republican, Independent, Democrat) |
| 2 |  | 1 |  |  | Political Orientation (Far Left, Left, Center, Right, Far Right) |
|  | 1 |  |  |  | Party Affiliation (Republican, Democrat) |
| 1 |  |  |  |  | Party Affiliation (Republican, Democrat, Independence, Green, Working Families) |
| 2 |  | 1 |  |  | No, Maybe, Yes |
| 2 |  | 1[[2]](#footnote-2) |  |  | (L, N, D, P) for Like, Neutral, Don’t Like, Prefer Stove Top Stuffing).  |
|  |  | 1 | 2 |  | 1st, 2nd, 3rd,4th,etc |
| 1 |  |  |  |  | car body type |
|  |  |  |  |  |  |

1. If category was ordered small to large, or inexpensive to expensive [↑](#footnote-ref-1)
2. Have to get rid of “prefers stove top stuffing” [↑](#footnote-ref-2)