

Table 2.3 Summary of the Scales of Measurement

| | Nominal | Ordinal | Scale (interval and ratio) |
|--|-------------------------|-----------------------------|----------------------------------|
| Examples | Religious affiliation | Ranking of favorite movies | Most psychological tests |
| | College attended | College rankings | College tuition cost |
| | Favorite hockey team | Sports divisional standings | Number of wins a sports team has |
| Available Mathematical Operations | None | Rankings | Add, subtract, multiply, divide |
| Types of Statistics Used | Frequency distributions | Mode | Mode |
| | Mode | Median | Median |
| | Chi-square tests | Spearman correlation | Mean |
| | | Mann–Whitney <i>U</i> test | <i>t</i> tests |
| | | | ANOVAs |
| | | | Pearson correlations |
| | | | Regression |