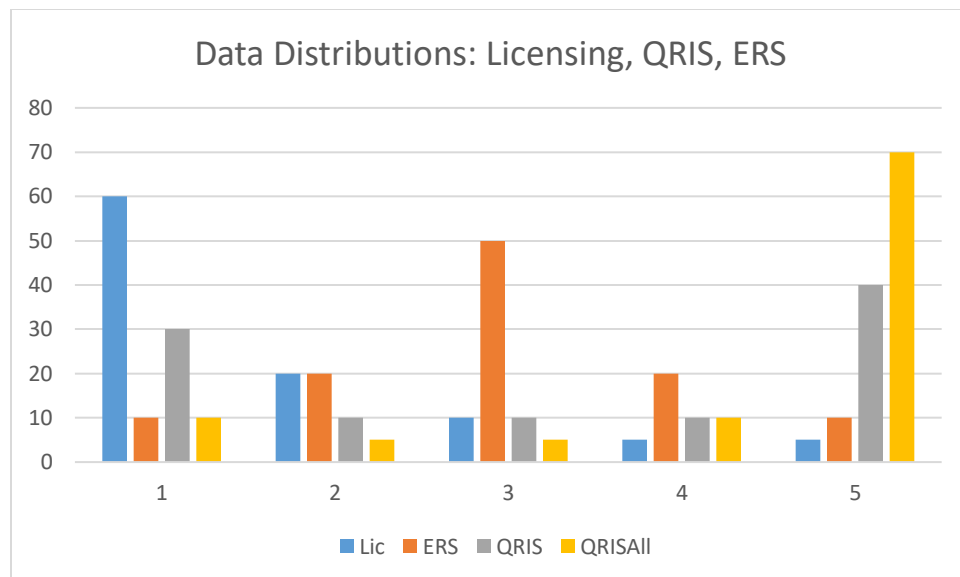


Licensing, QRIS, and ERS Data Distributions

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The frequency or data distributions for licensing (lic), quality rating and improvement systems (QRIS), and environmental rating scales (ERS) are very different. ECE programs obtain very different scores in each of these assessment paradigms. This should not come as a surprise since the three assessments measure very different aspects of an ECE program: Licensing = health and safety standards; QRIS = quality standards; ERS = environmental quality. However, the statistical implications are important given these differences. The distributions are depicted in the graphic below (Data Distributions: Licensing, QRIS, ERS).



Additional notes regarding the above graphic. The licensing distribution clearly shows a highly skewed data distribution, while the ERS distribution is normally distributed, while the QRIS is bi-modal and the QRISAll which represents all providers in a state who are part of the QRIS and those who are not is highly skewed. One (1) = higher scores; 5 = lower scores.

The hope is that the above graphic will assist licensing researchers as they think about analyzing data from each of these respective systems when it comes to parametric and non-parametric statistics.