**Appendix 4.**  Additional measures of agreement demonstrating the number of results that could be obtained in an inter rater reliability study. (Expanded Table 5) Output from Agreestat.

|  |  |  |
| --- | --- | --- |
| **Inter rater Gestalt**  |  |  |
| Unweighted | Linear weighting | Quadratic weighting  |
| Cohen’s κ 0.118AC1 0.550Scott’s π 0.118Krippendorf’s α 0.120Brennan-Prediger 0.462Percent 64.1%  | Cohen’s κ s 0.177AC2 0.601Scott’s π 0.177Krippendorf’s α f 0.179Brennan-Prediger 0.406Percent 73.6 | Cohen’s κ s 0.220AC2 0.6345Scott’s π 0.2197Krippendorf’s α 0.2221Brennan-Prediger 0.3491Percent 78.3 |
| **Inter rater after exam**  |  |  |
| Unweighted  | Linear weighting | Quadratic weighting  |
| Cohen’s κ 0.235AC1 0.6546Scott’s π 0.2163Krippendorf’s α 0.2188Brennan-Prediger 0.5754Percent 71.7% | Cohen’s κ 0.2609AC2 0.6716Scott’s π 0.2608Krippendorf’s α 0.263Brennan-Prediger 0.4834Percent 77.0 | Cohen’s κ 0.2891AC2 0.6825Scott’s π 0.28896Krippendorf’s α 0.2912Brennan-Prediger 0.33915Percent 79.7 |
| **First rater with self** |  |  |
| Unweighted  | Linear weighting | Quadratic weighting  |
| Cohen’s κ 0.695AC1 0.851Scott’s π 0.6948Krippendorf’s α 0.6958Brennan-Prediger 0.8208Percent 88.1 | Cohen’s κ 0.7773AC-2 0.8926Scott’s π 0.7771Krippendorf’s α 0.7778Brennan-Prediger0.8373Percent 92.8 | Cohen’s κ 0.8325AC-2 0.91988Scott’s π 0.8325Krippendorf’s α 0.8329Brennan-Prediger 0.85377Percent 95.1 |
| **Second rater with self**  |  |  |
| Unweighted | Linear weighting | Quadratic weighting  |
| Cohen’s κ 0.6717AC1 0.8386Scott’s π 0.6709Krippendorf’s α 0.67193Brennan-Prediger 0.80555Percent 87.0 | Cohen’s κ 0.7346AC-2 0.8713Scott’s π 0.7343Krippendorf’s α 0.7351Brennan-Prediger 0.8055Percent 91.3 | Cohen’s κ 0.7773AC-2 0.8931Scott’s π 0.7773Krippendorf’s α 0.77797Brennan-Prediger 0.8056Percent 93.5 |