

APPENDIX A – QUANTITATIVE APPRAISAL FORM

| Aspect of study                       | Appraisal Questions   | Scale   |
|---------------------------------------|---|---|
| Internal Validity                     | What is the research design of this study?  | 0=no design specified<br>1=pre-experimental/non-experimental descriptive<br>2=Experimental  |
| Measurement Validity                  | Are the key variables operationalized clearly?  | 0=no key variables are operationalized/specified<br>1=only one key variable is operationalized<br>2=half of the key variables are operationalized<br>3=all of the key variables are operationalized                         |
|                                       | Is the <i>reliability</i> of research instruments provided?   | 0= no <i>reliability</i> data is provided<br>1= <i>reliability</i> data is provided on all or most of the research instruments or cited elsewhere   |
|                                       | Is the <i>validity</i> of research instruments provided?  | 0= no <i>validity</i> data is provided<br>1= <i>validity</i> data is provided or cited elsewhere  |
| External Validity                     | How was the sample selected for the study?  | 0=no sample selection method specified<br>1=non-probabilistic sample selection method<br>2=probabilistic sample selection method  |
| Results                               | Did the authors use various statistical techniques to answer the main research question(s)?   | 0=no statistics were provided<br>1= only descriptive stats were provided (either to describe the sample or to answer a main research question)<br>2= descriptive stats and inferential stats (hypothesis testing) were used |
| Utility and implications for practice | Can the results be applied to your clients/consumers because:<br>Can provide the same intervention in your setting?<br>Your setting is similar to setting in the study?<br>Similar in demographic traits? | 0=not at all similar; 1=somewhat similar<br>2=mostly similar; 3=Similar   |