

## Knowledge Survey – before workshop

Your name .....

Please rate your own level of knowledge and skill at the beginning of the workshop.

Rate yourself between 1 and 5 according to the following scale:

- 1 = I have never heard of this concept/technique/tool before.
- 2 = I have heard of this concept/technique/tool, but don't know what it means.
- 3 = I understand the principles of the concept/technique/tool, but don't know when to apply it or how to use it.
- 4 = I understand the principles of the concept/technique/tool and know when it is appropriate or useful to apply it, but don't know how to use it.
- 5 = I understand this concept/technique/tool, know when it is appropriate or useful to apply it and know how to use it.

| Score | <b>Concept/Technique</b>  |
|-------|---|
|       | Binomial distribution   |
|       | Poisson distribution  |
|       | Bayes' Rule (also called Bayes' Theorem)                            |
|       | Prior and posterior probabilities                                   |
|       | The Normal Distribution (also called the Gaussian distribution)     |
|       | Maximum Likelihood Estimation                                       |
|       | Model selection   |
|       | Regression analysis   |
|       | Sampling strategies   |
|       | Before-After-Control-Impact (BACI) designs                          |
|       | Observational studies   |
|       | Survey or study design  |
|       | Data management   |
|       | Patch occupancy from repeat surveys                                 |
|       | Density estimation from Spatially Explicit Capture-Recapture (SECR) |
|       | Survival estimation from mark-recapture data                        |
|       | Spreadsheet software (eg, MS Excel or LibreOffice Calc)             |
|       | R software  |
|       | Estimating occupancy in R or with PRESENCE software                 |
|       | Estimating density in R or with DENSITY software                    |
|       | Estimating survival in R or with MARK software                      |