# INFO ENTRY - QUESTION INFO

## ENTRY NOTES:

* green = does not need to be editted
* yellow = info for the inputter
* ref\_id = “refs\_glossary\_2024-08-09.xls > “references” tab
  + if the reference not present, either add it (if you’re confident that you can follow the format), or add a comment in this doc with the info and I will adjust
* **images – file name in** “refs\_glossary\_2024-08-09.xls > “references” tab
* Ignore everything in the “POPULATE MARKDOWN” section
* Size of columns in tables and text format do not matter; see note on bold and italize below
* Any content with “glue}`` prefix or surrounded by “{{“ / “}}” indicates where text will be inserted from the keys
* You may see “<br>” throughout, you can ignore these
* additional formatting notes (optional)
  + \*\***bold**\*\*
  + \**italics*\*

## Topic Info

If the topic is NOT related to a question, you can leave “question” as NULL

“question” here is more for your reference

|  |  |
| --- | --- |
| **info\_id** | i\_cam\_independent |
| **question** | Will each camera location be treated as an independent sample? |

## Assumptions, Pros, Cons – if modelling approach

Only for modelling approaches; can ignore otherwise (leave table here)

[WILL BE HERE, BUT INSERTED DIRECTLY FROM CSV FILE (THUS NO INPUT NEEDED)]

|  |  |  |
| --- | --- | --- |
| **Assumptions** | **Pros** | **Cons** |
| {{ mod\_name\_assump\_01 }}<br>  {{ mod\_name\_assump\_02 }}<br>  {{ mod\_name\_assump\_03 }}<br>  {{ mod\_name\_assump\_04 }}<br>  {{ mod\_name\_assump\_05 }}<br>  {{ mod\_name\_assump\_06 }}<br>  {{ mod\_name\_assump\_07 }}<br>  {{ mod\_name\_assump\_08 }}<br>  {{ mod\_name\_assump\_09 }}<br>  {{ mod\_name\_assump\_10 }}<br>  {{ mod\_name\_assump\_11 }}<br>  {{ mod\_name\_assump\_12 }}<br>  {{ mod\_name\_assump\_13 }}<br>  {{ mod\_name\_assump\_14 }}<br>  {{ mod\_name\_assump\_15 }}<br>  {{ mod\_name\_assump\_16 }}<br> | {{ mod\_name\_pro\_01 }}<br>  {{ mod\_name\_pro\_02 }}<br>  {{ mod\_name\_pro\_03 }}<br>  {{ mod\_name\_pro\_04 }}<br>  {{ mod\_name\_pro\_05 }}<br>  {{ mod\_name\_pro\_06 }}<br>  {{ mod\_name\_pro\_07 }}<br>  {{ mod\_name\_pro\_08 }}<br> | {{ mod\_name\_con\_01 }}<br>  {{ mod\_name\_con\_02 }}<br>  {{ mod\_name\_con\_03 }}<br>  {{ mod\_name\_con\_04 }}<br>  {{ mod\_name\_con\_05 }}<br>  {{ mod\_name\_con\_06 }}<br>  {{ mod\_name\_con\_07 }}<br>  {{ mod\_name\_con\_08 }}<br>  {{ mod\_name\_con\_09 }}<br> |

## Overview

ADDED FROM Pseudoreplication + Spatial autocorrelation (FROM SURVEY GUIDELINES)

Spatial autocorrelation (i.e., the tendency for sites that are close together to be more similar) may occur when multiple cameras are placed nearby (such as in clustered, paired or array sampling). Spatial autocorrelation is a form of pseudoreplication (Hurlbert, 1984; when observations are not statistically independent but are treated as if they are) and can be problematic because it can artificially inflate or diminish ecological effects. The degree to which this is a problem will depend on the Target Species (i.e., how far they can travel may dictate the distance at which another camera is too near) and the modelling approach. In these cases, users should consider an analytical framework that accommodates autocorrelation to avoid issues of spatial pseudoreplication (Hurlbert, 1984) and false conclusions (Ramage et al., 2013) (e.g., using random effects [Wearn & Glover-Kapfer, 2017] or spatial autoregressive models [Kelejian & Prucha, 1998]).

Note that pseudoreplication (Hurlbert, 1984) can also occur over time (e.g., if camera locations are sampled repeatedly to obtain detection rates as repeated counts, or if the inter-detection interval is too short for a subsequent detection to be truly independent of the first detection).

## Advanced

If the topic doesn’t warrant inclusion, you can leave as NULL

NULL

## Figures

Placeholders here as “filename” can leave in if not <5 images

|  |  |  |  |
| --- | --- | --- | --- |
| **Image** | **file\_name** | **Caption (if applicable)** | **ref\_id** |
| A diagram of a diagram  Description automatically generated with medium confidence | zuckerberg-et-al\_2020\_fig1.png | figure1\_caption | zuckerberg-et-al\_2020 |
| A screenshot of a computer screen  Description automatically generated | zuckerberg-et-al\_2020\_fig3.png | figure2\_caption | zuckerberg-et-al\_2020 |
|  | figure3\_filename.png | figure4\_caption | figure3\_ref\_id |
|  | figure4\_filename.png | figure4\_caption | figure4\_ref\_id |
|  | figure5\_filename.png | figure5\_caption | figure5\_ref\_id |

## Video

no “<” before the URL text and a “>” after URL in this case

ref\_id in this example is not correct, just for illustrative purposes

|  |  |  |
| --- | --- | --- |
| **caption** | **URL (no < / > before/after URL** | **ref\_id** |
| vid1\_caption | vid1\_url | vid1\_ref\_id |
| vid2\_caption | vid2\_url | vid2\_ref\_id |
| vid3\_caption | vid3\_url | vid3\_ref\_id |
| vid4\_caption | vid4\_url | vid4\_ref\_id |

## Analytical tools & resources

The ref\_id should be included in the reference column (and the full text reference in the master reference file). If you aren’t sure if the reference is in the master doc, add the full text ref as a comment.

Please add a “<” before the URL text and a “>” after (e.g., <http://www.somesitelink.com>)

Type can be something similar to: Article, App/Program, R package

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **Name** | **Note** | **URL** | **ref\_id** |
| resource1\_type | resource1\_name | resource1\_note | resource1\_url | resource1\_ref\_id |
| resource2\_type | resource2\_name | resource2\_note | resource2\_url | resource2\_ref\_id |
| resource3\_type | resource3\_name | resource3\_note | resource3\_url | resource3\_ref\_id |
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| resource6\_type | resource6\_name | resource6\_note | resource6\_url | resource6\_ref\_id |
| resource7\_type | resource7\_name | resource7\_note | resource7\_url | resource7\_ref\_id |

## References / Glossary

items in-text above (IGNORE FOR NOW)

|  |  |
| --- | --- |
| ref\_id | Glossary items |
| refs |  |

## Notes

(future ref / not included in markdown conversion)

# POPULATE MARKDOWN

Can IGNORE all

Update all with CTRL+A > F9

## Info

FILE NAME = i\_i\_sp\_occ\_restr

# {{ name\_i\_sp\_occ\_restr }}

::::::::{card}

\*\*{{ term\_i\_sp\_occ\_restr }}\*\*: {{ term\_def\_i\_sp\_occ\_restr }}

## :::::{dropdown} \*\*Assumptions, Pros, Cons\*\*

::::{grid} 3

:::{grid-item-card} \*\*Assumptions\*\*

{{ mod\_name\_assump\_01 }}<br>

{{ mod\_name\_assump\_02 }}<br>

{{ mod\_name\_assump\_03 }}<br>

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:::{grid-item-card} **\*\*Pros\*\***

{{ mod\_name\_pro\_01 }}<br>

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{{ mod\_name\_pro\_04 }}<br>

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:::{grid-item-card} **\*\*Cons\*\***

{{ mod\_name\_con\_01 }}<br>

{{ mod\_name\_con\_02 }}<br>

{{ mod\_name\_con\_03 }}<br>

{{ mod\_name\_con\_04 }}<br>

{{ mod\_name\_con\_05 }}<br>

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`````{tab-set}

:selected: true

````{tab-item} **Overview**

Add some info here

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````{tab-item} **Advanced**

NULL

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## ````{tab-item} Visual Resources

::::{grid} 3

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:header: vid2\_caption

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````{tab-item} Analytical tools & resources

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| --- | --- | --- | --- | --- |
| **Type** | **Name** | **Note** | **URL** | **ref\_id** |
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| resource2\_type | resource2\_name | resource2\_note | resource2\_url | resource2\_ref\_id |
| resource3\_type | resource3\_name | resource3\_note | resource3\_url | resource3\_ref\_id |
| resource4\_type | resource4\_name | resource4\_note | resource4\_url | resource4\_ref\_id |
| resource5\_type | resource5\_name | resource5\_note | resource5\_url | resource5\_ref\_id |
| resource6\_type | resource6\_name | resource6\_note | resource6\_url | resource6\_ref\_id |
| resource7\_type | resource7\_name | resource7\_note | resource7\_url | resource7\_ref\_id |

````

## ````{tab-item} References

refs

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## ````{tab-item} Glossary

Glossary items here

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