

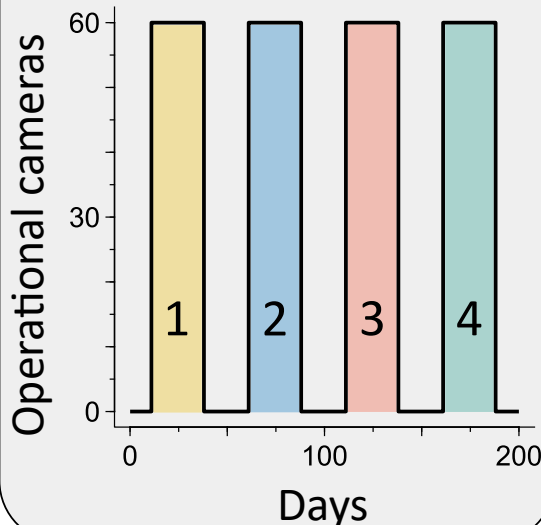
Step 1:

Identify possible analysis units based on days cameras were active for a project, starting with 28-day analysis units.

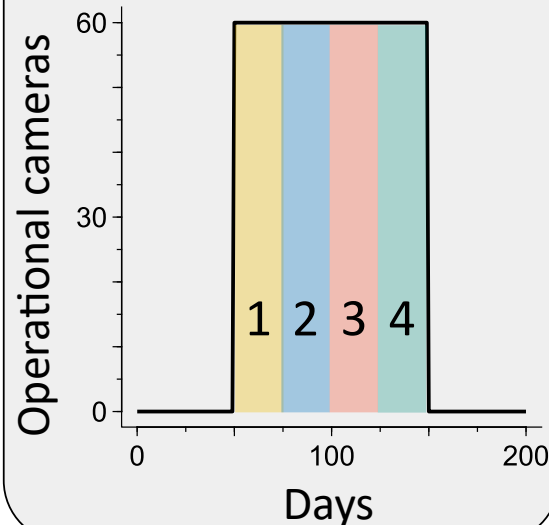
Step 1 process

- Query continuous sampling periods.
- Calculate numbers of days within each period.
- If 28 or 56-day analysis units, calculate how many fit within each sampling period (divide by analysis unit length and round up to nearest integer).
- Remove any analysis unit that is less than 14 days.

Multiple deployments



One deployment



Step 2:

For each species calculate the number of photos within each possible analysis unit. Retain analysis units for each species that have at least 10 photos.

Step 3:

Retain names of species where analysis units were created for each project.

Step 4:

For species within a project where analysis units could not be created, repeat steps 1 - 3 with 56-day analysis units.

Step 5:

For species within a project where 28 or 56-day analysis units could not be created, treat all data within a project as a possible analysis unit and follow steps 2 and 3. These are the 'all data' analysis units.