

| Study Goals: “I want to estimate” | | | | | |
|-----------------------------------|----------------------|---------------------------|---------------------------------|---|--------------------------|
| | Presence/ Absence | Abundance | Density | Survival | Survival and Movement |
| Unmarked Individuals | Occupancy | Double Observer | Distance Sampling | | |
| | Distribution | Removal (Depletion) | | | |
| | | <i>N</i> -mixture | <i>N</i> -mixture known area | Generalized (open) <i>N</i> -mixture | |
| Marked Individuals | | Closed Mark- Recapture | Spatial Capture Recapture | Known-fate | Multi-State MR |
| | | | | Cormack-Jolly- Seber (CJS) | Robust design MR |
| | | | | Recovery | Open or Robust SCR |
| | | | | Open SCR | |