**Aesthetics:**

-Same font size

**Intro (other frameworks):**

-State that developed for no-take reserves but others are for MPAs in general

-Also we included analyses not just propose indicators like other frameworks, and specific to gov structures of Mexico

-Goal: implement a tool for COBI (avoid questions about doing the analysis ourselves)

**5 Steps:**

-One sentence of what an indicator is: tells you have a reserve is doing

-And then analyzed the indicators to determine how the reserve is doing

-Highlight boxes as go along (or numbers on top)

**Reserve objectives:**

-Group them by if are econ or ecological

**Indicators:**

-Based on what criteria selected; why chose these indicators

-Provide more examples

-Explain how to choose indicators (what base objectives are that then used to choose indicators)

-29 indicators fix; explicitly say 9 in biophysical (have both in the list: objective biomass and overall biomass)

**Data:**

-Built framework around what COBI has, so they have the data (except for what is needed to get from survey)

-Other indicators can use if don’t have data (in guidebook)

**DiD analysis:**

-Should discuss the parallel trends assumptions: why is this model validated?

-If can’t meet parallel trends assumptions, can’t use DiD. The three examples should have parallel trends (fix them)

-Placebo test: no previous effect before reserve is in place (net effect is zero before reserve implementation)

-Okay if have one point before implementation

-Equation came out of nowhere, we aren’t doing the analysis ourselves but

-Beta 3 -> emphasize B3 with another color

**Sean:** -DiD analysis: focus on

-Only have one data point for most reserves, but because we have a control site so we can make that assumption even if is not mathematically correct

-Control sites selected with same environ characteristics

-Beta 3 is our magical number is good

**DiD example:**

-Flat before implementation, then up after implementation

-Bracket showing the net effect (expected vs. observed) -> and that diff is our DiD estimate

-Last example, start close to each other. Goal of reserve is to increase fish abundance.

-Abundance (have units)

**Socio analysis:**

-Socioecon -> need more intuition that this slide actually matters for the audience. (don’t even have to do the equation) -> say effect of reserve on price etc.

-Emphasize that the user is a fisher or manager

-Socioeconomic indicators: link between the explanation, why they are important. Say before “unlike biophysical indicators”

**Governance analysis:**

-No guaranteed causal relationship

**App:**

-Explain in the app that have overall ecological diversity and for the species

-How each indicator weights in the overall score; everything is evenly weighted

-Point out what data might not work for that app; if don’t have that data, then use another framework

-What output of descriptive would be in the app -> describe the warning messages/point them out!

-Does it indicator by indicator

**Results:**

-General trends in what indicators are most important to reserves

-If just put in data for species that are doing well in the data = bias results. But have indicators that are all for species, not just individual species.

-Communicate results: language (instead of negative effect, use more positive language)

-Balance of indicators in determining the final score: all weighted equally -> may be a concern

**Limitations:**

-Should not explicitly state assumptions in the analyses, wait until the end

**Global use:**

-Specific for a specific type of MPA -> apply to any MPA? Define the scope of which type of MPAs can be analyzed

-What name of the national agency is?