Paper Plots V2

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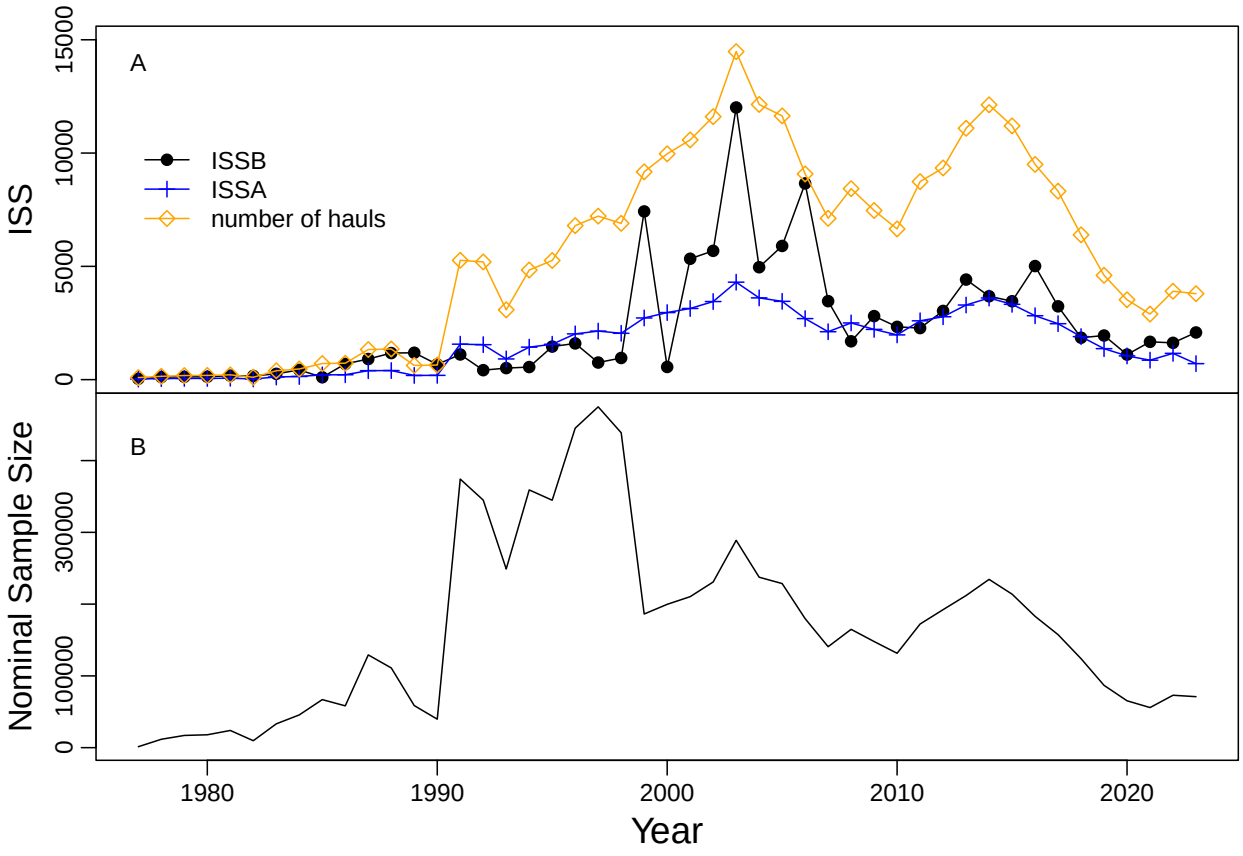
Introduction

Plots for paper:

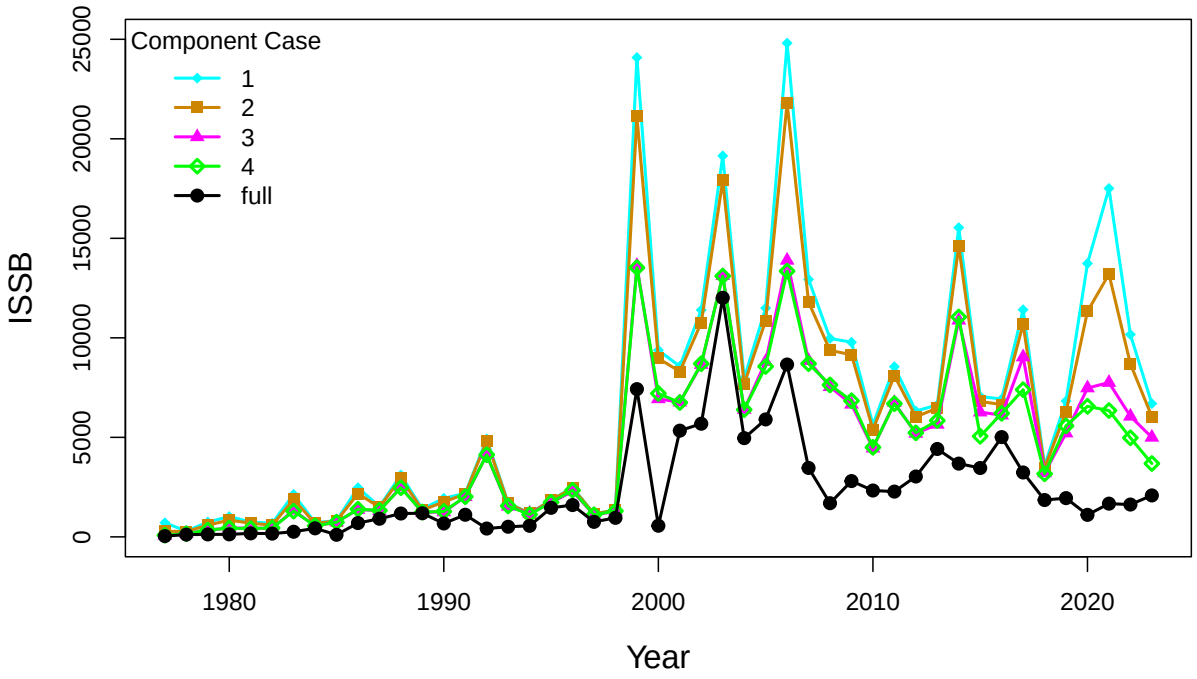
Data

ISSB Results

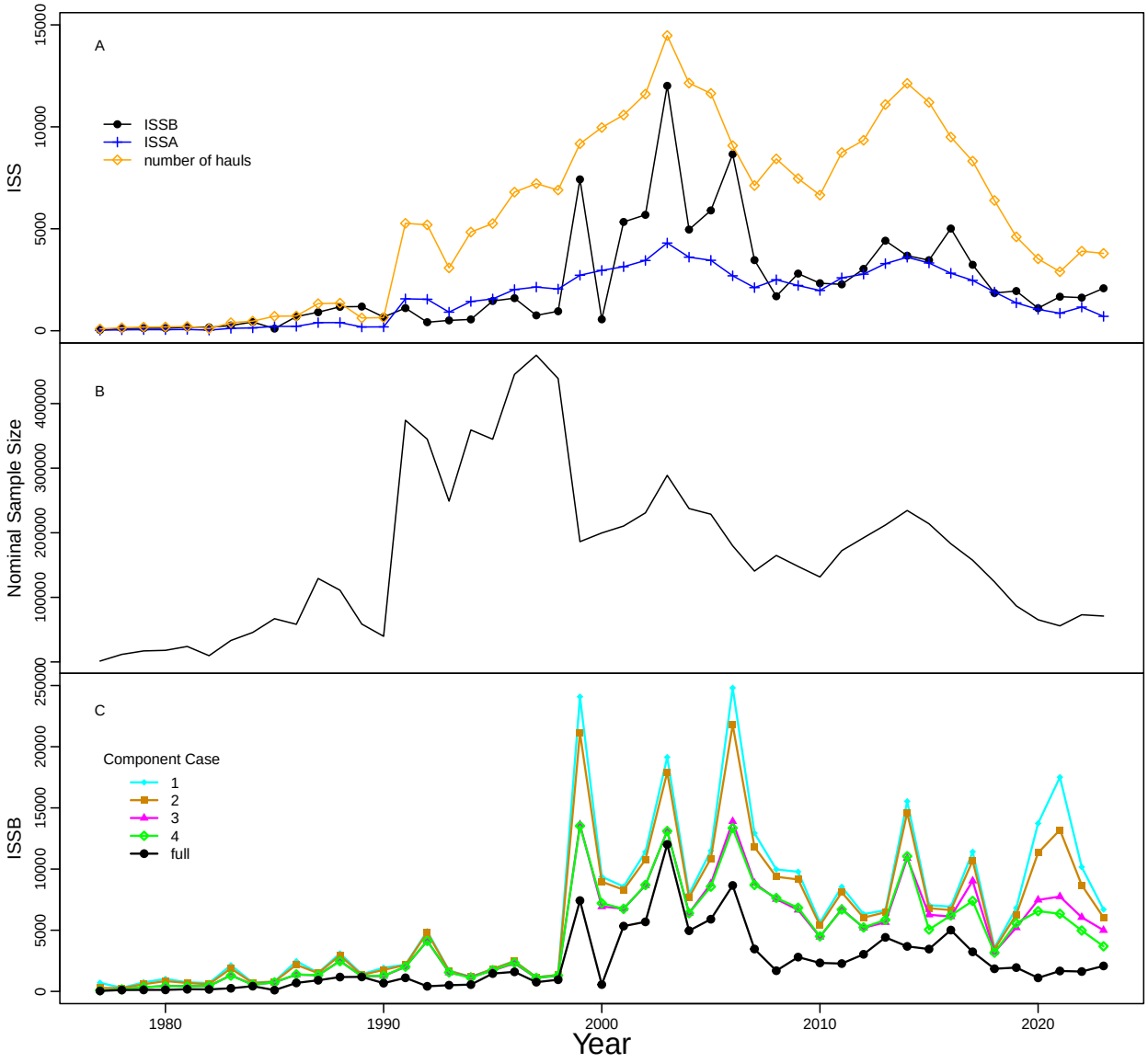
*** Time series 2 panel**



*** Time seris components**

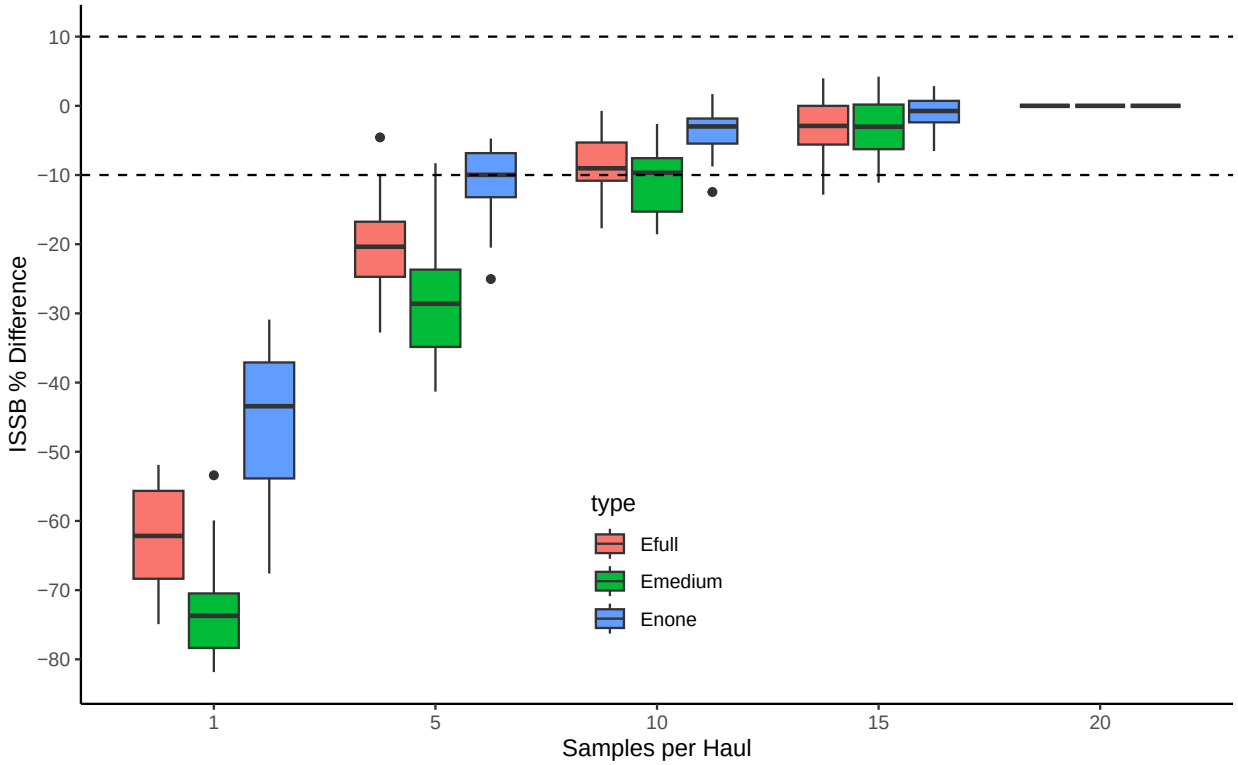

Component Case
1
2
3
4
full
ISSB
0
5000
10000
15000
20000
25000
1980
1990
2000
2010
2020
Year

*** TOGETHER**


A
ISSB
ISSA
number of hauls
ISS
0
5000
10000
15000
B
Nominal Sample Size
100000
200000
300000
400000
C
Component Case
1
2
3
4
full
ISSB
0
5000
10000
15000
20000
25000
1980
1990
2000
2010
2020
Year

- Samples VS Expantion. intra-relative

Make sure to say in the paper: Methods: Unlike changing the number of hauls or trips (static quality of the data), the stock assessor has discression over changing the expansion method. IF they change it, they will change it for past and present data, not change it based on blocks of time or something like that. SO, these scenarios demonstrate what we can expect to see in near future years IF we decrease the sample size, ASSUMING the expansion complexity will change. For example, IF the expansion complexity will change, what will be the expected loss of precision if we reduce the sample size from 20 to 10. REMEMBER, these scenarios are relative to the N=20 case for each expansion complexity case.



*** Samples VS Expantion. inter-relative**

DON'T SHOW THIS ONE BECAUSE IT IS LESS RELEVANT THAN THE ABOVE

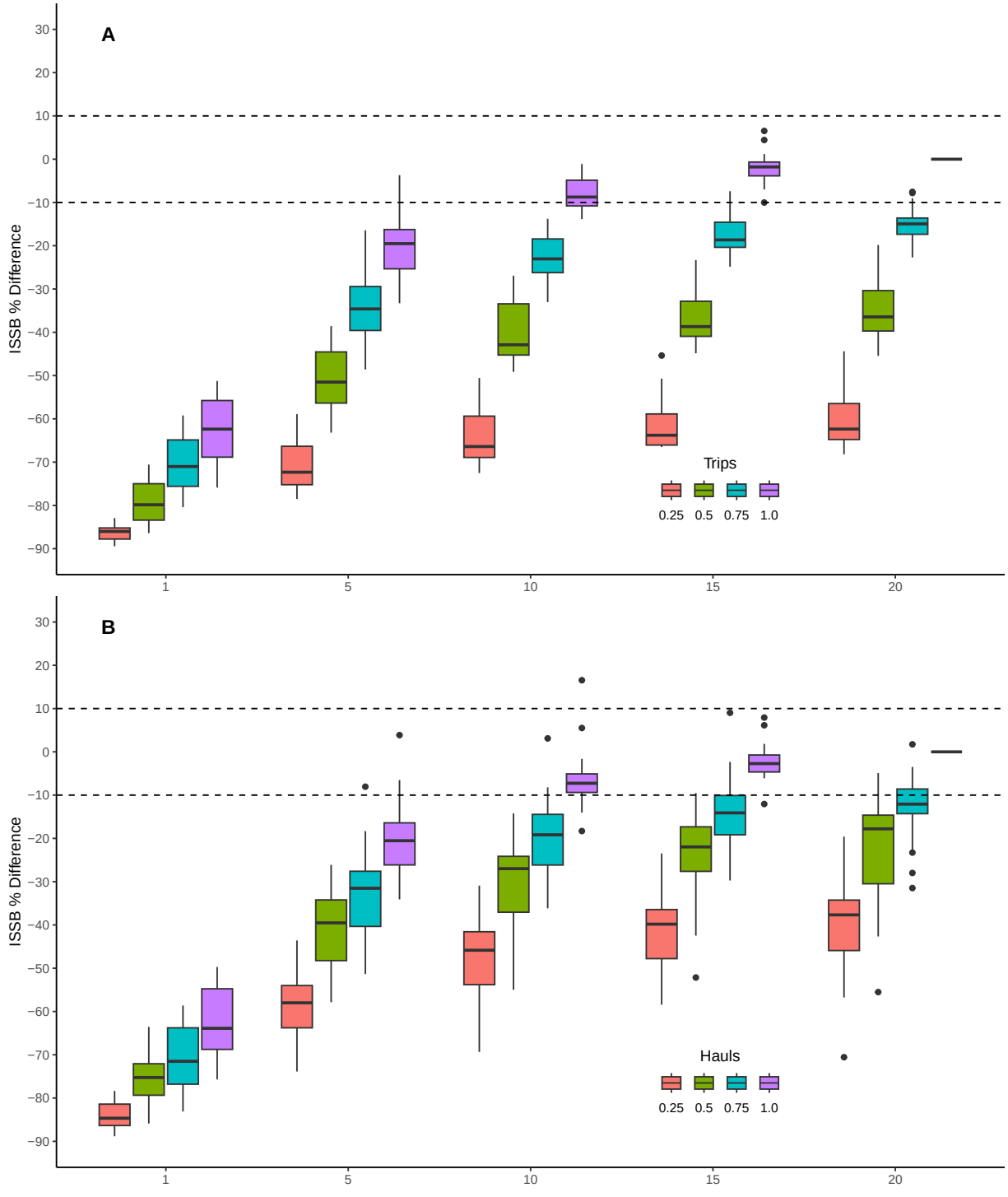
DATA: Samples VS Haul

DATA: Samples VS Haul. Replace=TRUE, including 1.0

DATA: Samples VS Trip

DATA: Samples VS Trip. Replace=TRUE, including 1.0

*** 2 Panel: Sample Size VS Haul, Trip**



PROBLEM DATA: Samples VS Trip

replace=false for trips is problematic.

*** 2 Panel: Sample Size VS Haul, Trip**