

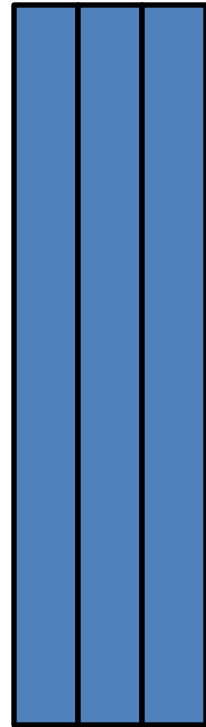
Efficiency Experiments for the Winter Dredge Survey

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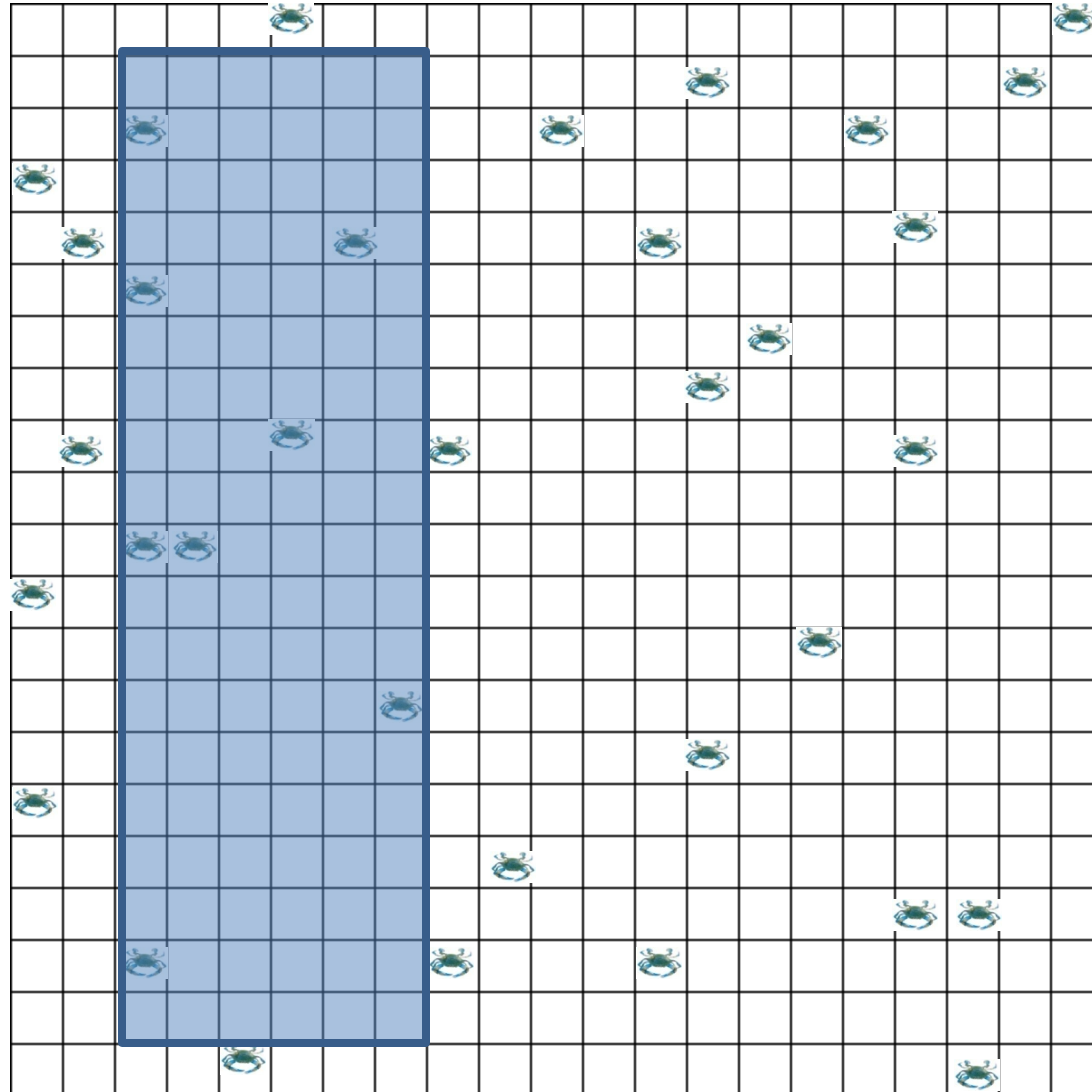
Depletion experiment

- Goal is to conduct 3 side-by-side tows until the area is completely depleted
- Experiment continues until no crabs are caught on 2 successive tows or 6 samples are collected

Sample

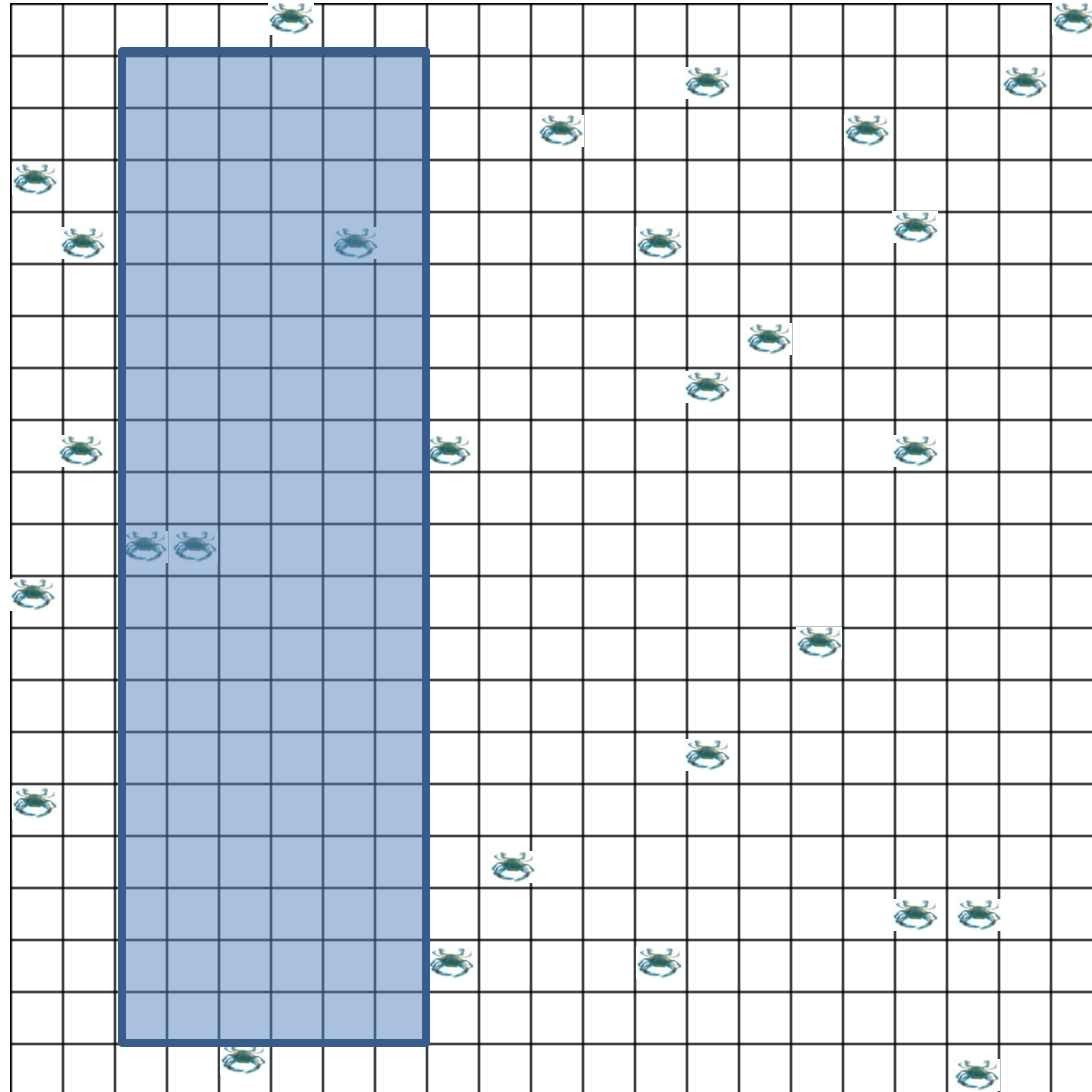


First Pass



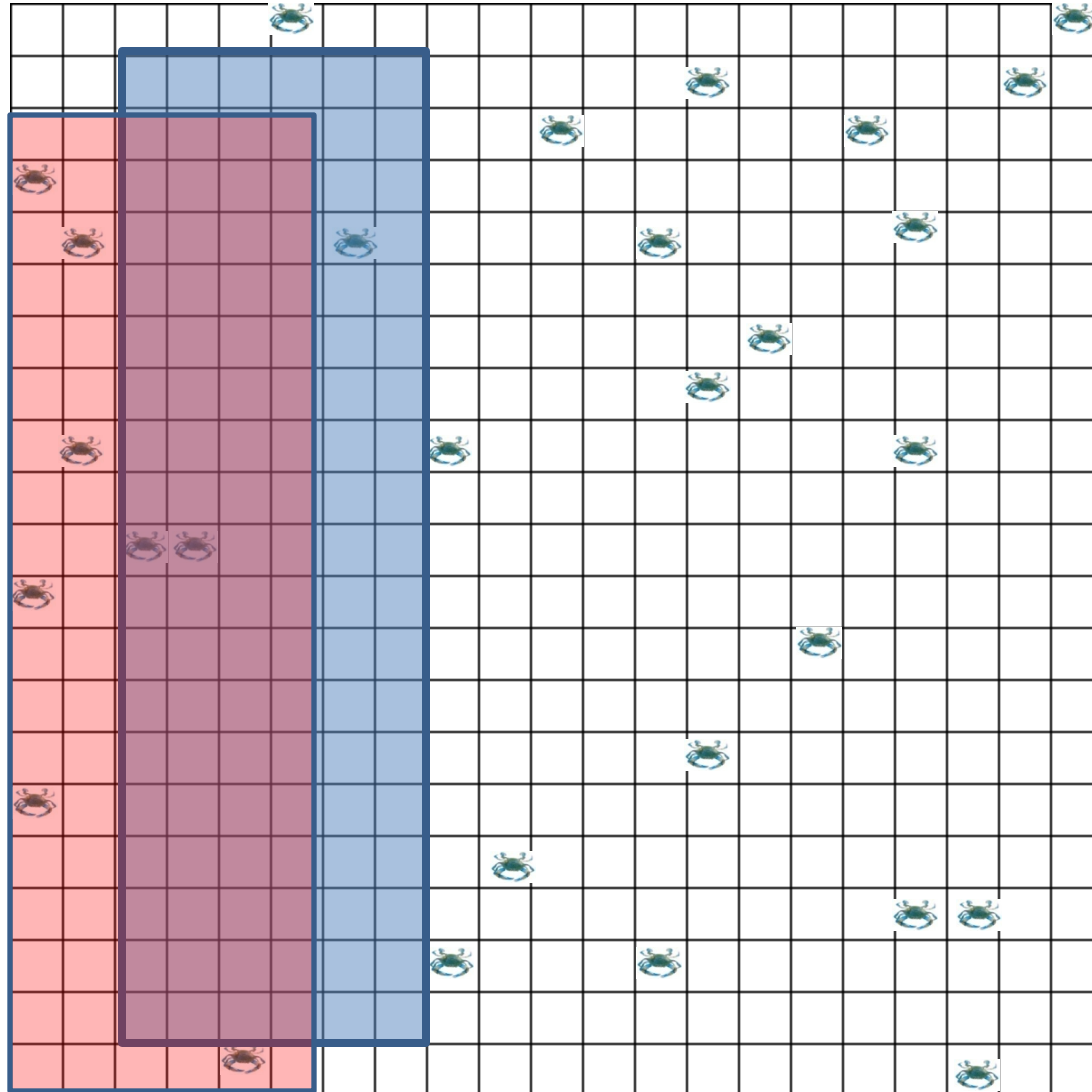
Results from First Pass

1st tow



Second Pass

1st tow

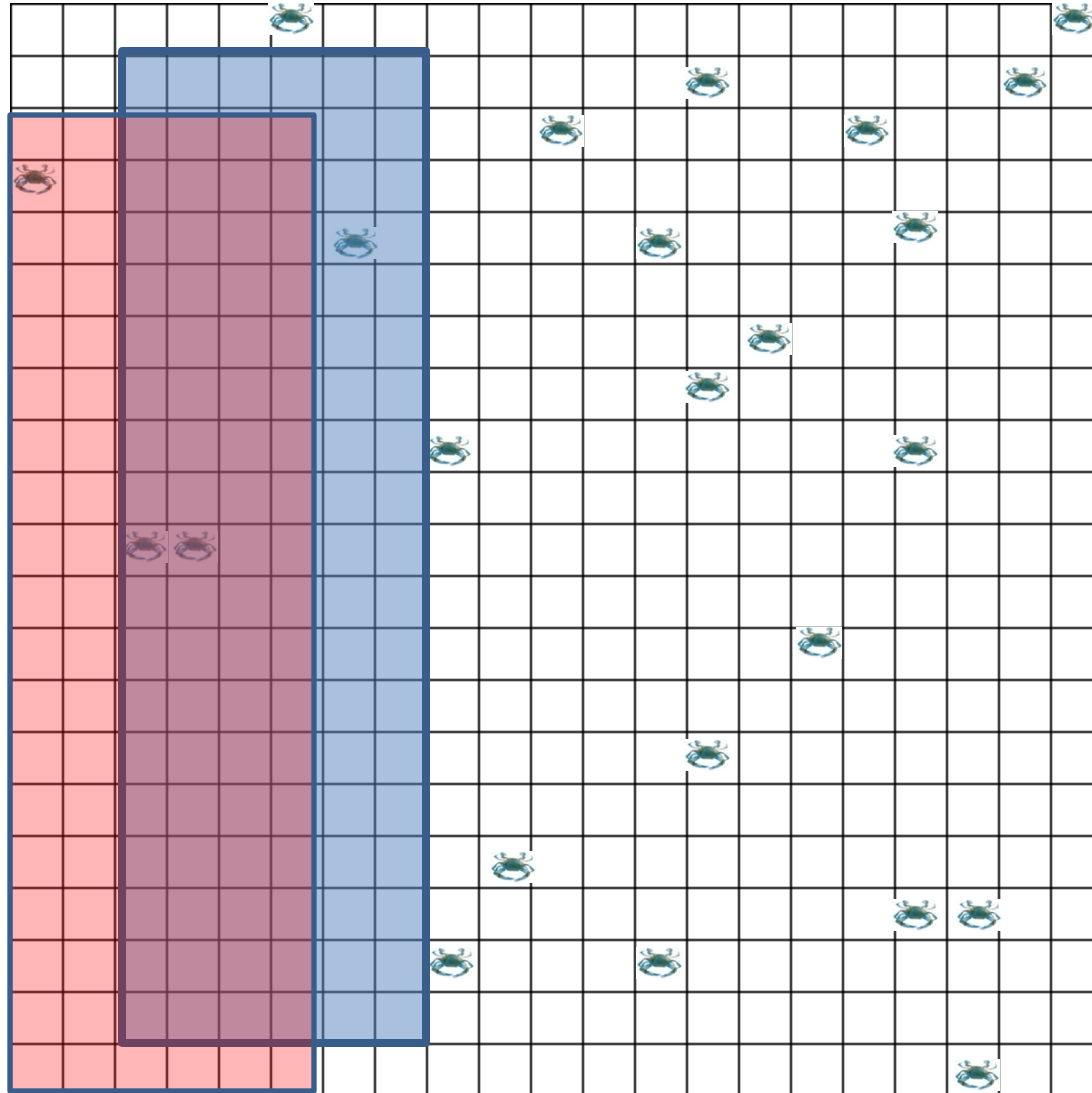


Results from Second Pass

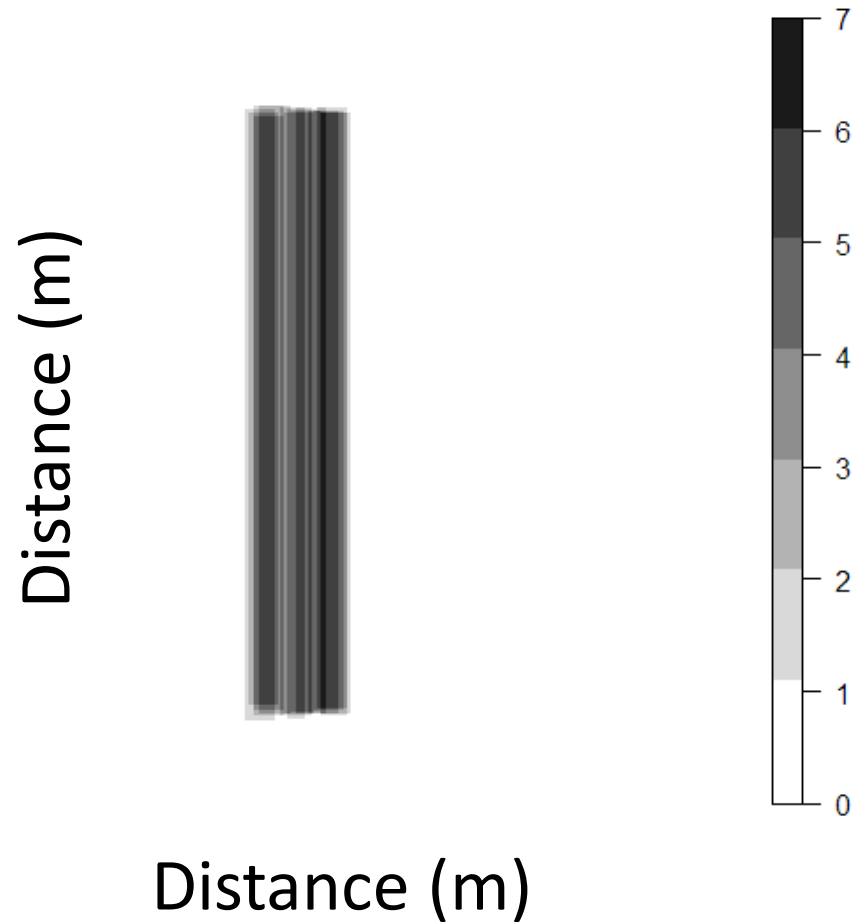
1st tow



2nd tow

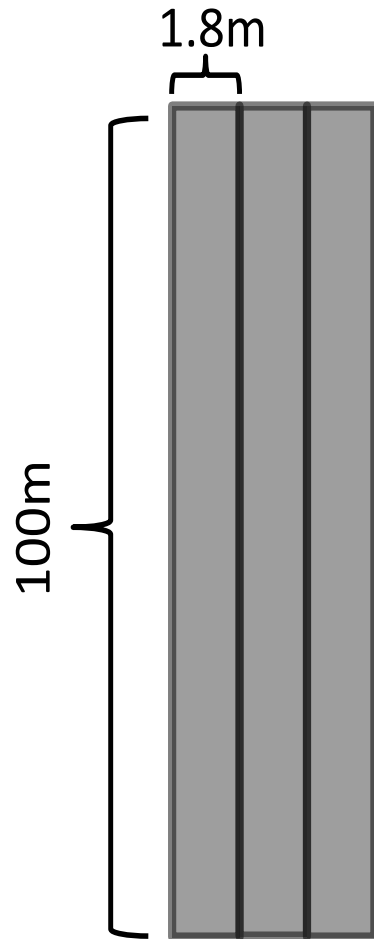


3-pass method results in negatively biased efficiency estimates



New approach

A)



B)

