

HOOKING MORTALITY RATES FOR USE IN STEELHEAD FISHERIES



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MOUNT HOOD
ENVIRONMENTAL

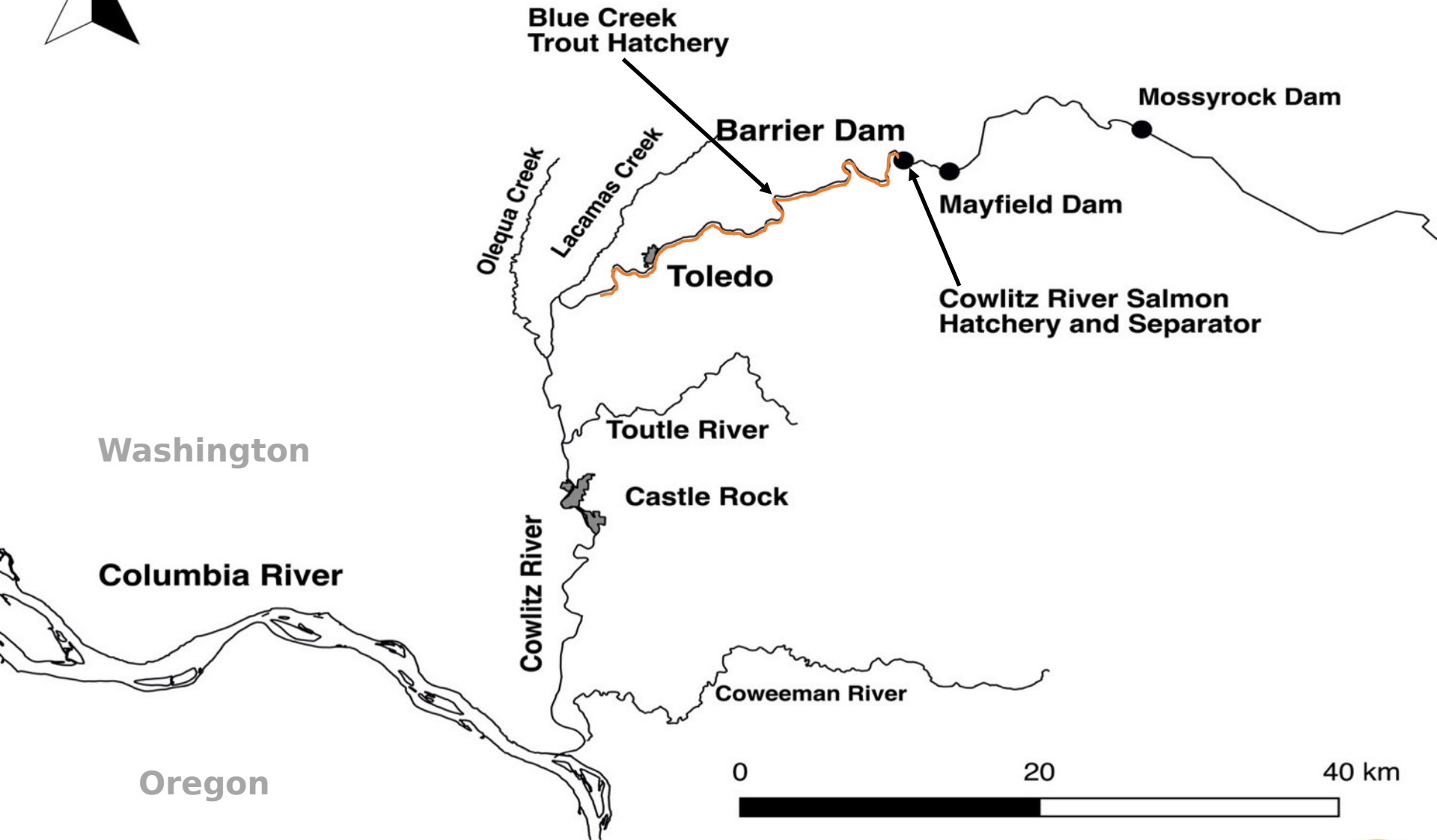


Lackluster forecast for Columbia River spring chinook leads to fragmented fishing season

Updated Feb 20, 2020; Posted Feb 19, 2020

Anglers in both Washington and Oregon must use barbless hooks this year on the Columbia River.





Species	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
Spring Chinook												
Fall Chinook												
Coho												
Winter Steelhead												
Summer Steelhead												



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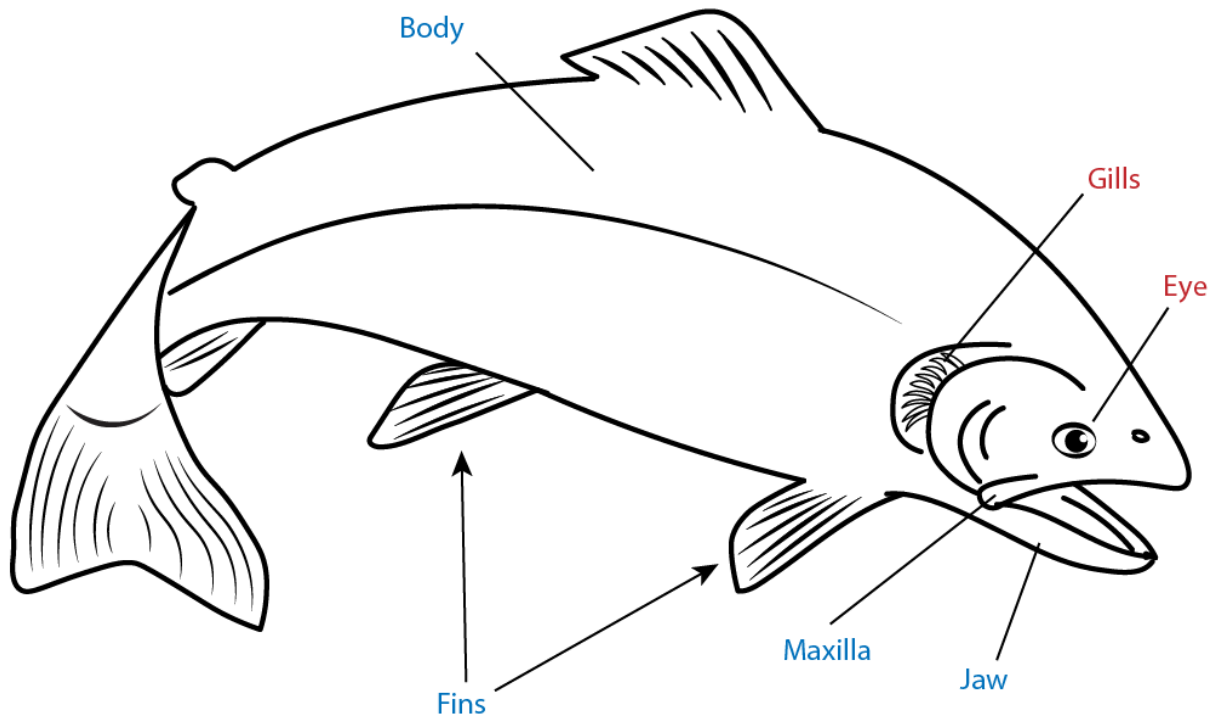
Type

- Hook location
- Hook Size/Type/Barb
- Fight Time
- Handling Time
- Species

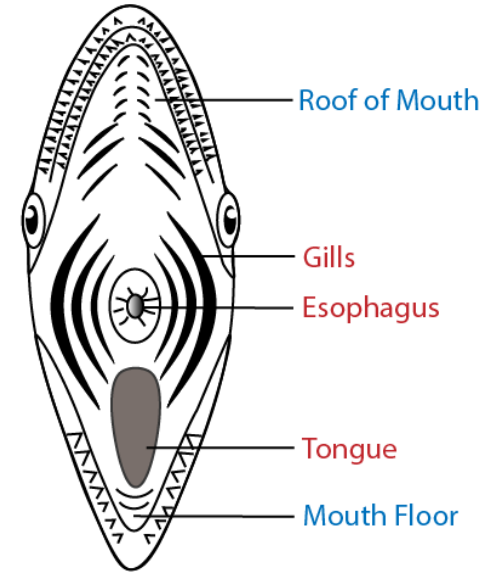


- Sex
- Fork-length
- Angler Exp.
- Fish Condition
- Knotted vs. Knotless nets
- Water temp.





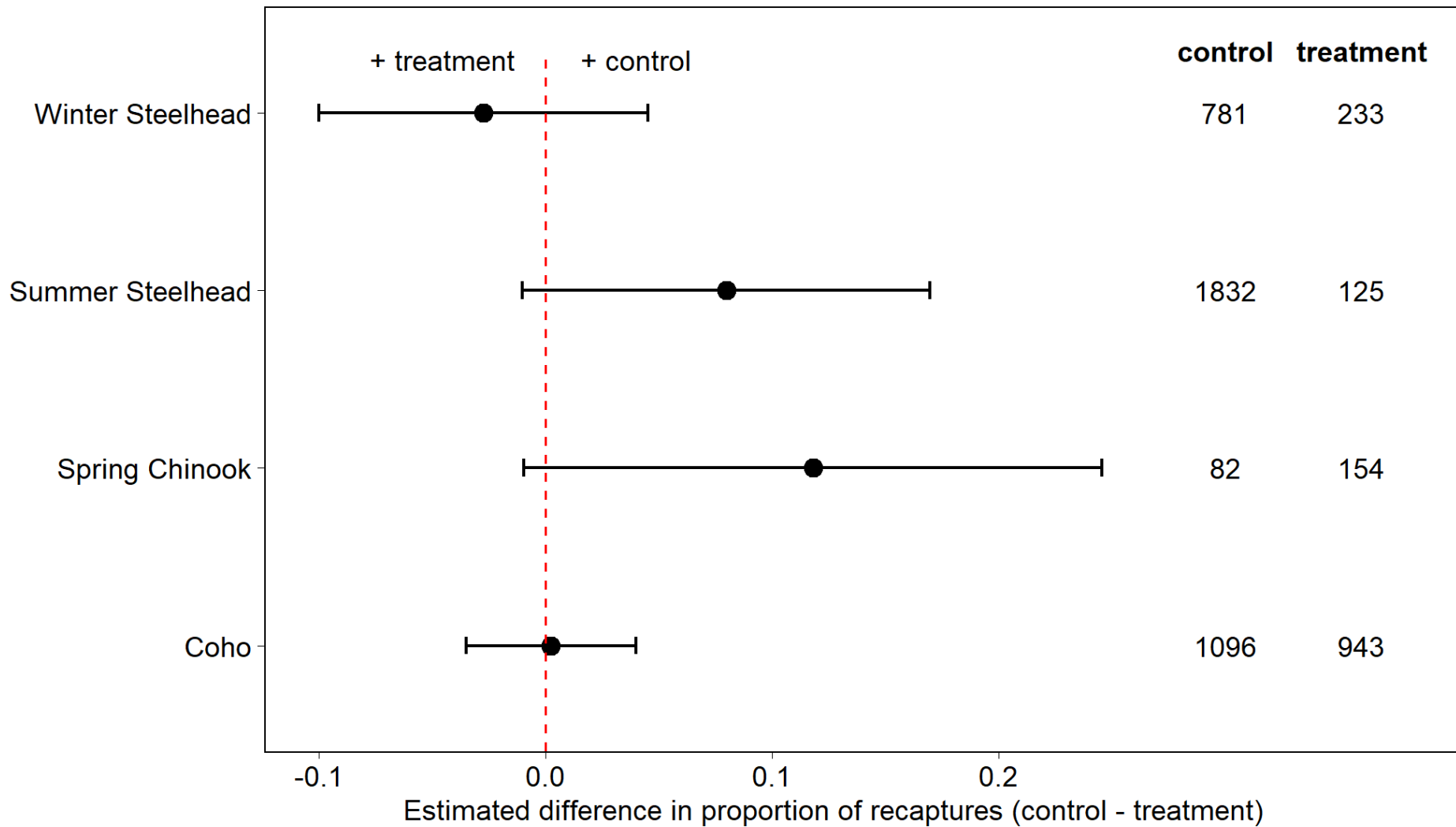
Mouth Interior

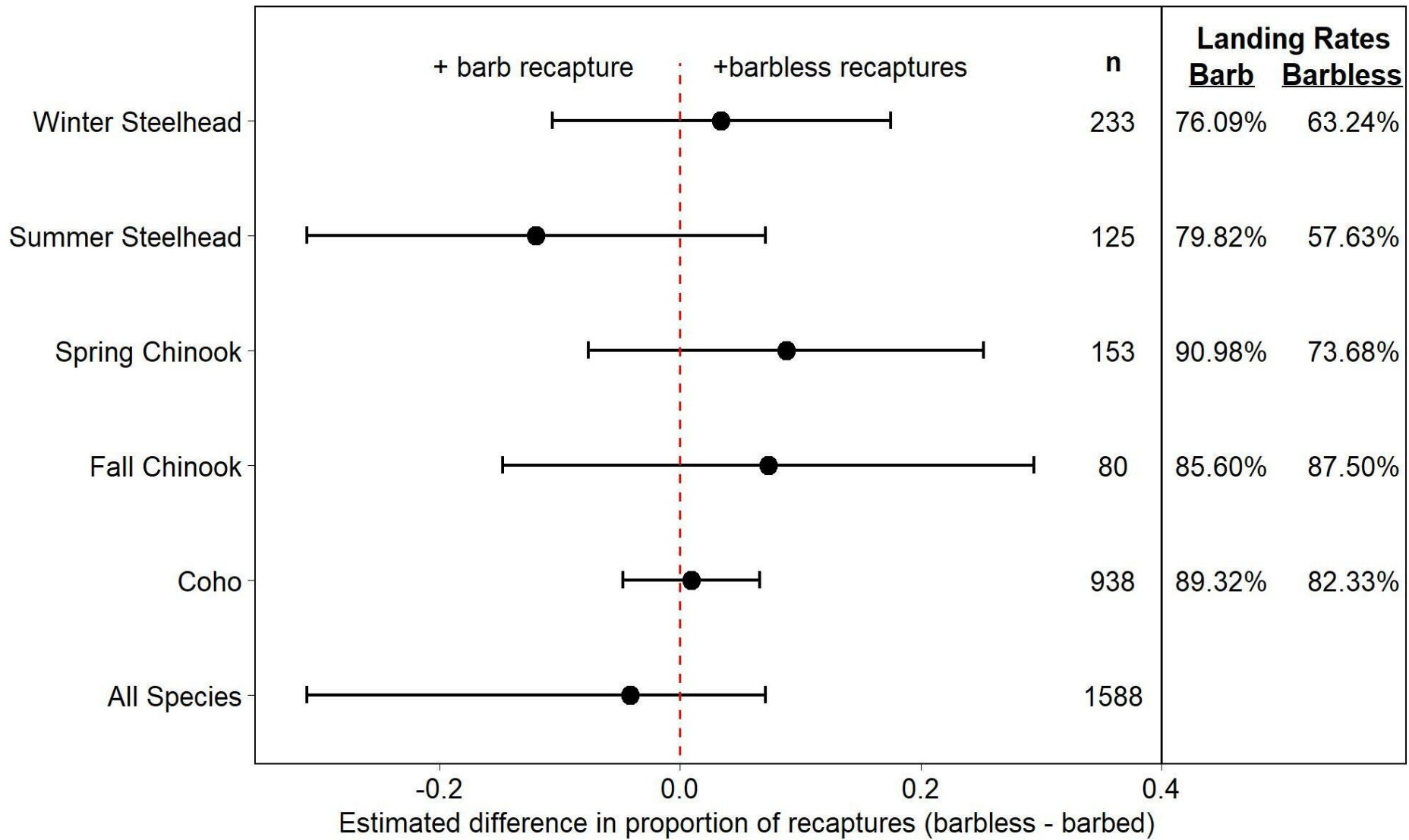


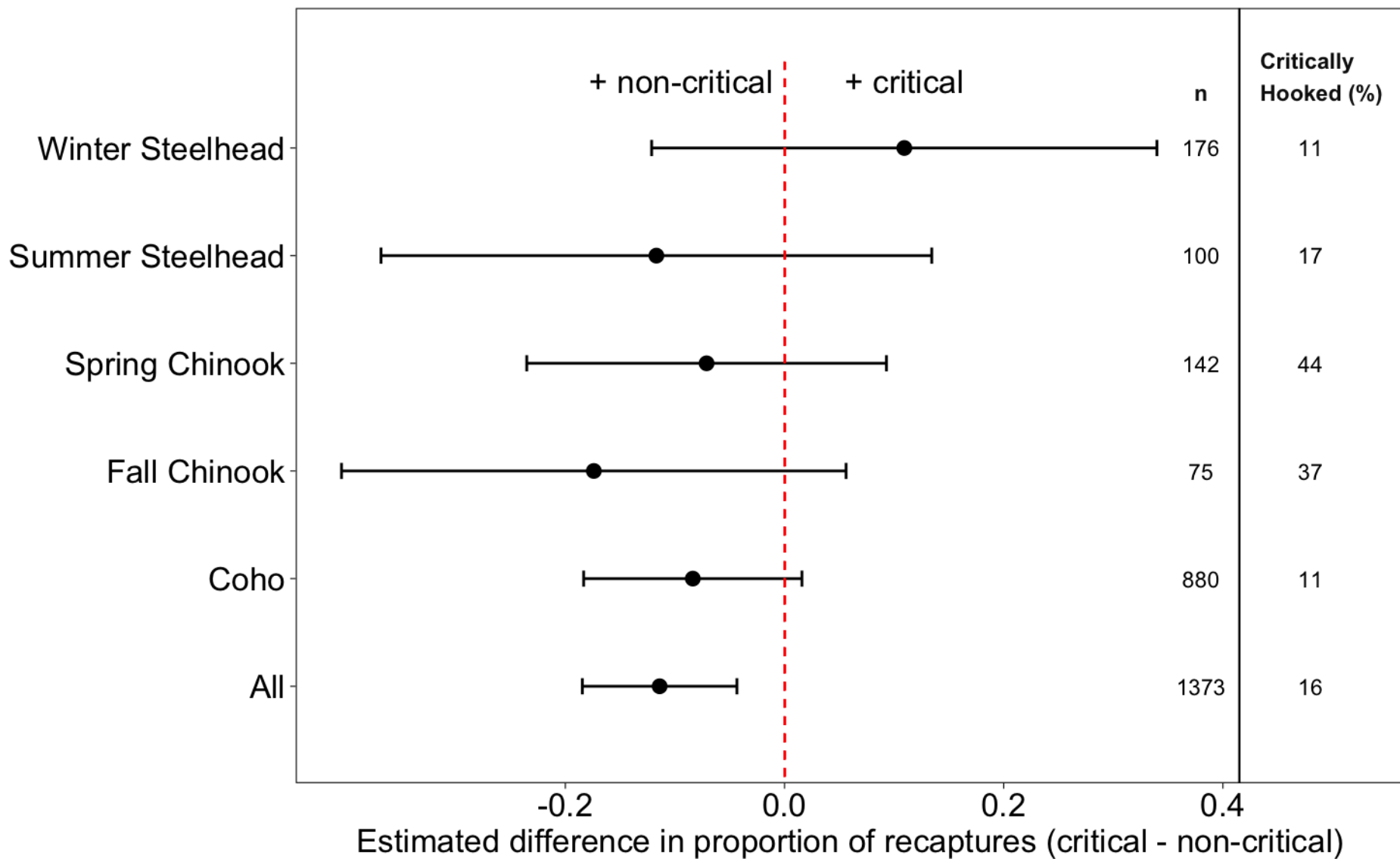
Critical vs Non-critical
Hooking Locations

Preliminary Results

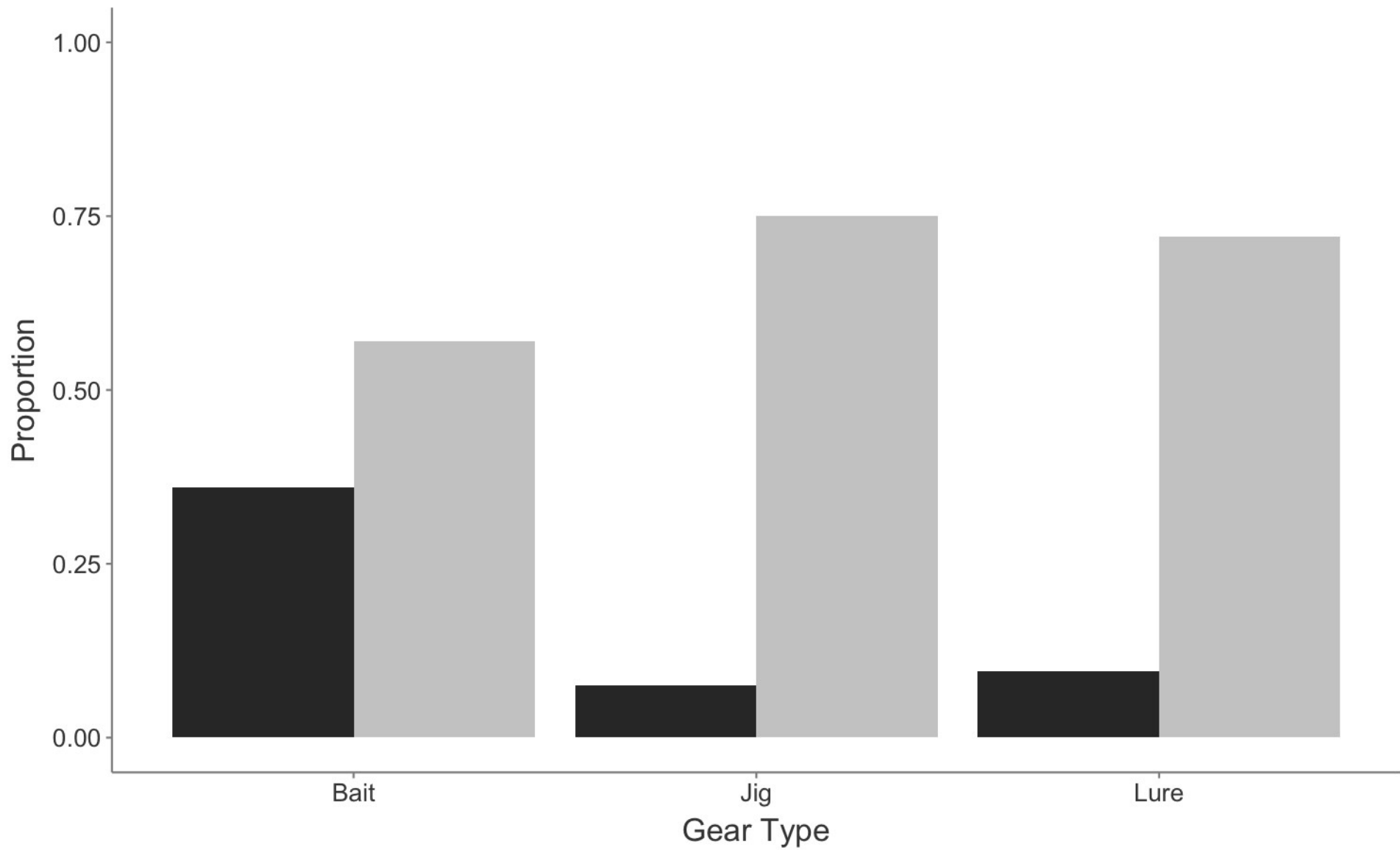


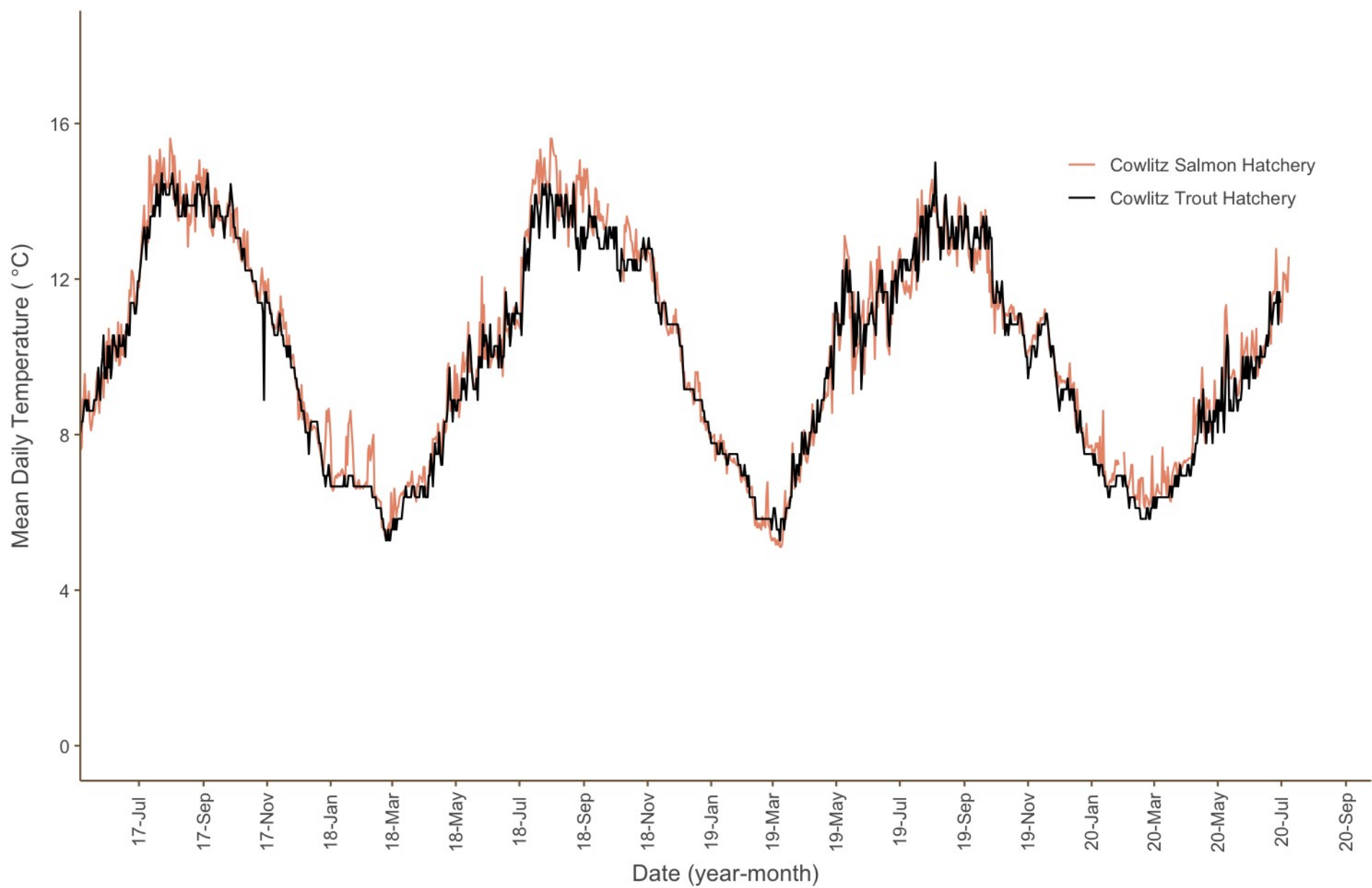


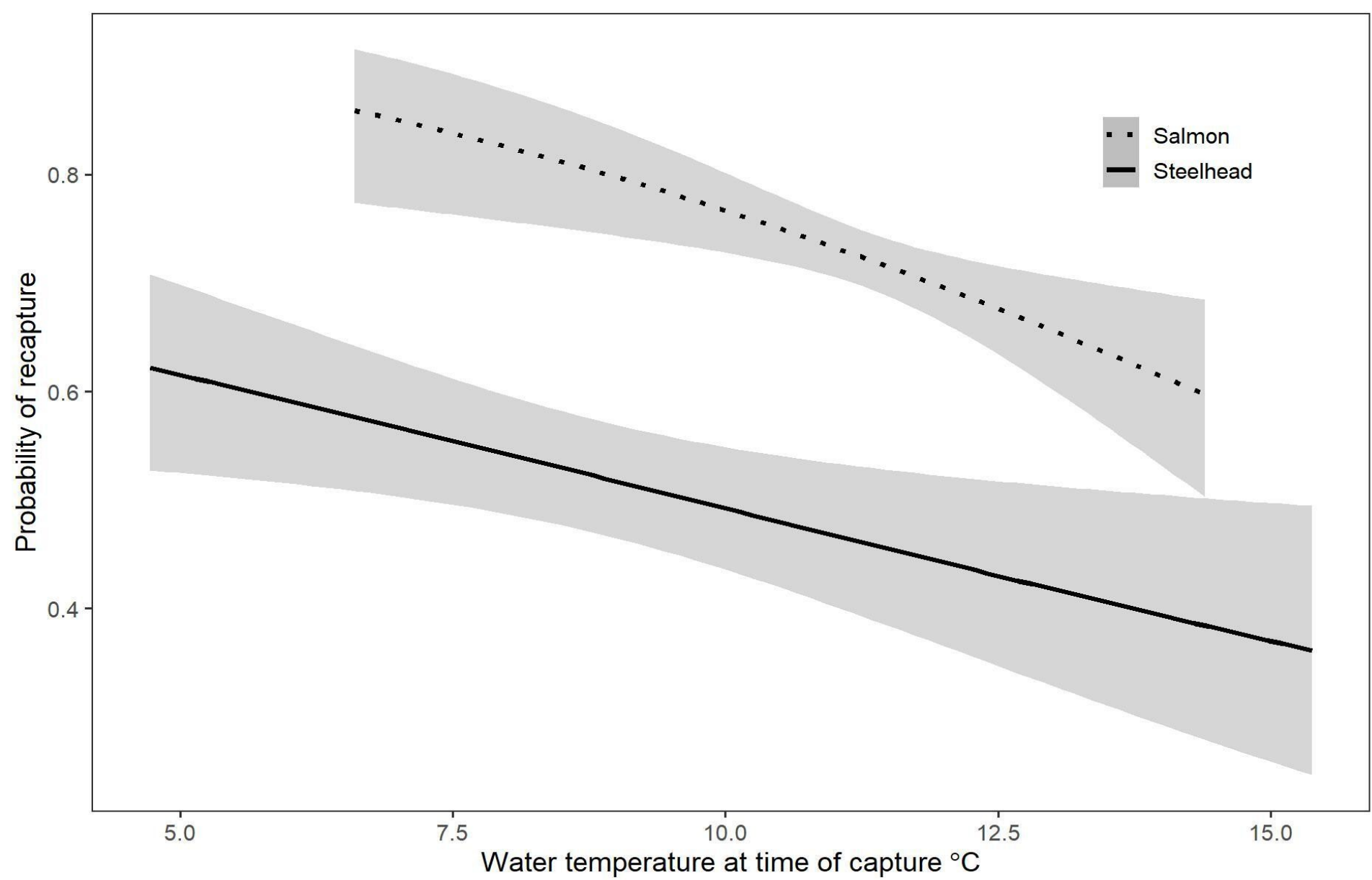




■ Critically Hooked ■ Recaptured







What about fishing from a boat versus the bank?

Variable	Boat	Bank
Proportion Landed	0.76	0.68
Proportion Recaptured	0.68	0.64
Median Fight Time	64 seconds	84 seconds
Median Handle Time	77 seconds	110 seconds
Proportion Hooked in a Critical Location	0.09	0.04



Questions

