



Join by computer at: <https://noaanmfs-meets.webex.com/noaanmfs-meets/j.php?MTID=m161d8630abba4e363a98635052f62a1f>

Webex meeting #: 2762 418 8254 Meeting Password: groundfish

Or by phone: 1 (415) 527-5035 Access code: 2762 418 8254



**NOAA FISHERIES**

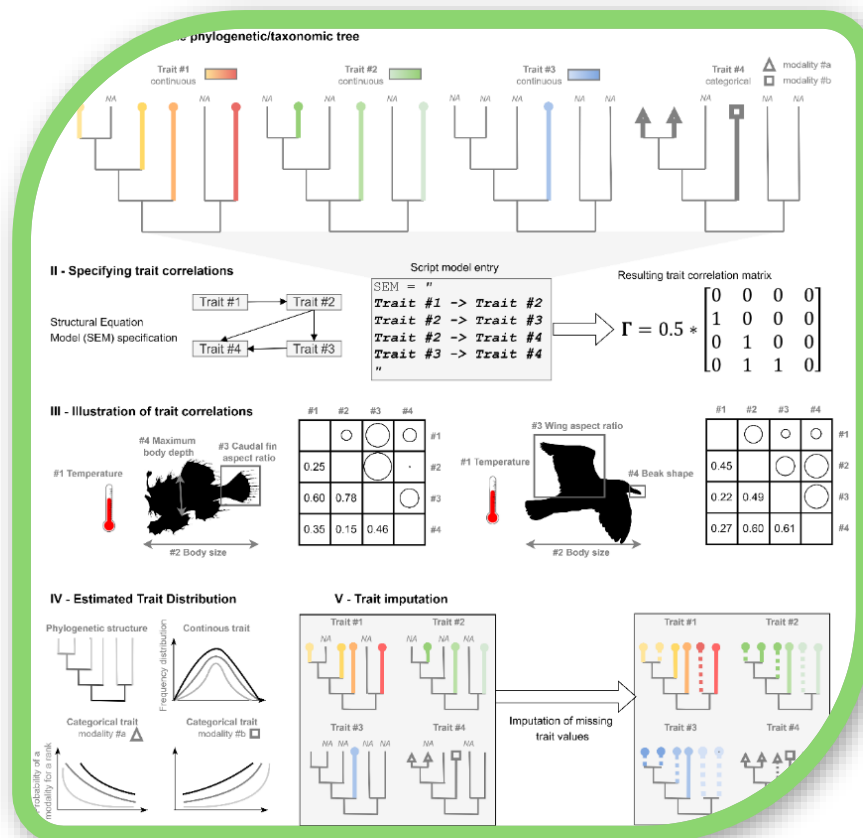
National Marine Fisheries Service  
Alaska Fisheries Science Center

2022 Groundfish Seminar Series

## James Thorson, HEPR, AFSC

Tuesday, October 11th @ 10 am Pacific

# Phylogenetic imputation of reproductive, behavioral, and morphometric traits, and their use in joint species distribution models to understand community assembly



We estimate evolutionary mechanisms governing fish life-history, and review phylogenetic structural equation models. We then use trait estimates to identify associations between traits and habitat utilization for groundfishes in the Gulf of Alaska.

*For more information contact*

Liz.Dawson@noaa.gov or  
Mark.Zimmermann@noaa.gov