

**Correlative Biomass Dynamics Model (B75)**  
NPRB BSIERP project B75

Tadayasu Uchiyama  
University of Alaska  
[tuchiyama@alaska.edu](mailto:tuchiyama@alaska.edu)

Gordon Kruse  
University of Alaska/Fairbanks  
[Gordon.Kruse@uaf.edu](mailto:Gordon.Kruse@uaf.edu)

Franz Mueter  
University of Alaska/Fairbanks  
[franz.mueter@uaf.edu](mailto:franz.mueter@uaf.edu)

This dataset contains model files for a multi-species biomass dynamics model to examine multi-species interactions among a group of species that show evidence of covariation in productivity in the eastern Bering Sea. The model includes 3-5 species or functional groups, based on results of retrospective analyses from BSIERP Project B68 and considerations of species' life-history characteristics (diet, habitat requirements, timing of spawning, etc.).

Four zip files contain metadata xml files and corresponding model, input and output files (except "third party data" which only has the xml files referencing the original data source). Files for different models are in their own separate folders because they have dependency among themselves.

Zip archive files delivered for this dataset:

- Biomass\_dynamics\_estimation\_performance.zip
- Delay\_difference\_estimation\_performance.zip
- Model\_selection.zip
- third\_party\_data.zip