SOFIA-TAF

SOFIA analyses organized as TAF repositories on GitHub

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SOFIA-TAF workshop for Area 87 (SE Pacific), Santa Marta
27 Nov 2024

Overview

SOFIA-TAF
open and reproducible, modular design, standardized structure

GitHub repositories
github.com/sofia-taf, analyses, package, data warehouse

TAF workflow
data → model → output → report

R packages
SOFIA, sraplus, TAF

SOFIA-TAF demos
EffortShared, EffortByStock, IndexByStock, PriorsByStock

SOFIA-TAF

2020 Initial discussions

2021 Prototype analysis of Area 37
Report describing the design

2022 SOFIA package 1.0
SOFIA-TAF launch at FAO-CAPAM meeting
Workshops in Areas 31, 37, 41

2023 Workshops in areas 34, 47, 51, 57, 71

2024 Workshops in areas 51, 61, 77, 87

SOFIA-TAF

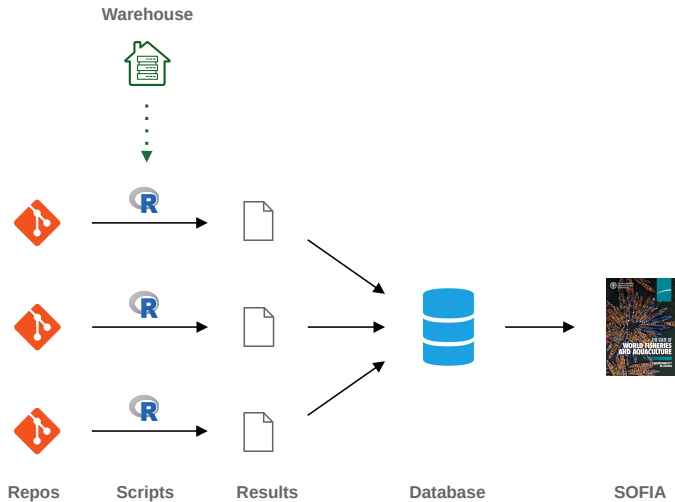Standardized structure to organize the SOFIA analyses
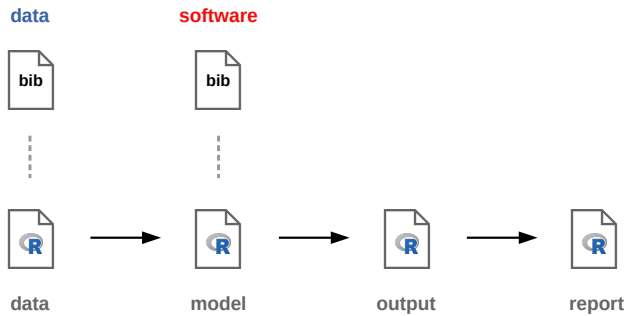
All the fisheries in the world

Converted from monolithic R Markdown to modular scripts
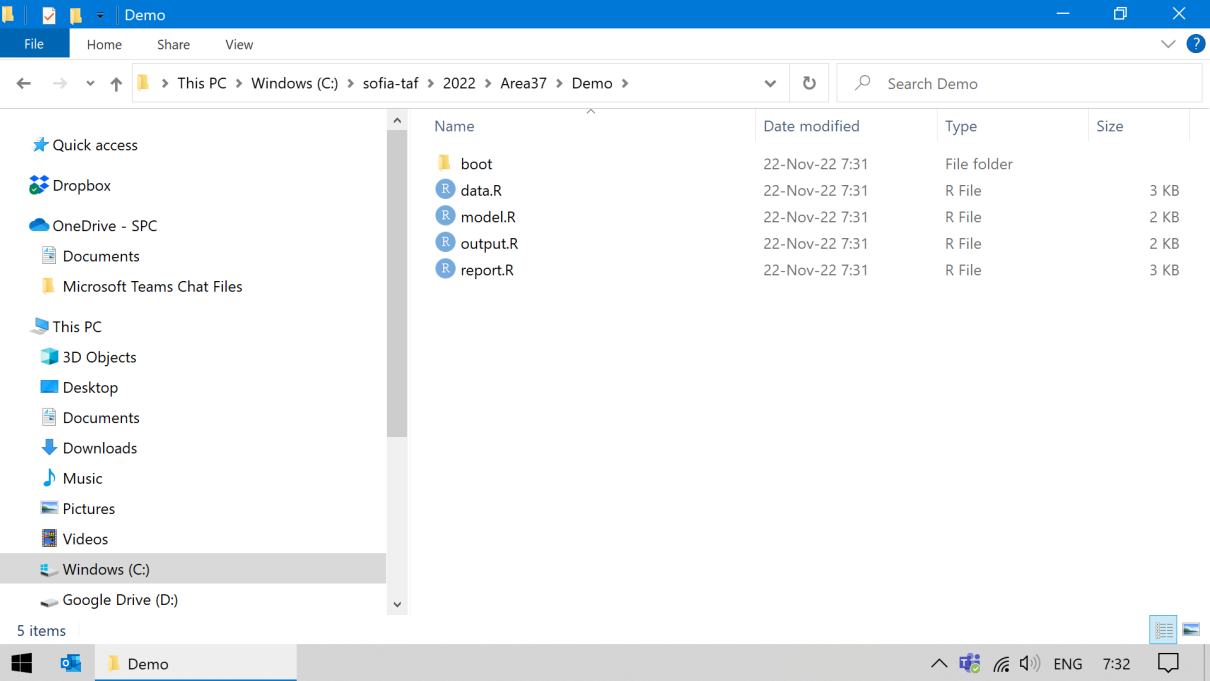
Tiers 1, 2, and 3

Ongoing development at github.com/sofia-taf

R package SOFIA, one place to make changes, affecting all the analyses

SOFIA-TAF

Warehouse

Repos   Scripts   Results   Database   SOFIA

TAF

File   Home   Share   View

This PC > Windows (C:) > sofia-taf > 2022 > Area37 > Demo

Search Demo

Quick access

Dropbox

OneDrive - SPC
- Documents
- Microsoft Teams Chat Files

This PC
- 3D Objects
- Desktop
- Documents
- Downloads
- Music
- Pictures
- Videos
- Windows (C:)
- Google Drive (D:)

Name	Date modified	Type	Size
boot	22-Nov-22 7:31	File folder	
data.R	22-Nov-22 7:31	R File	3 KB
model.R	22-Nov-22 7:31	R File	2 KB
output.R	22-Nov-22 7:31	R File	2 KB
report.R	22-Nov-22 7:31	R File	3 KB

5 items

Demo   ENG   7:32

Demo

File   Home   Share   View

This PC > Windows (C:) > sofia-taf > 2022 > Area37 > Demo

Search Demo

Quick access

Dropbox

OneDrive - SPC
  Documents
  Microsoft Teams Chat Files

This PC
  3D Objects
  Desktop
  Documents
  Downloads
  Music
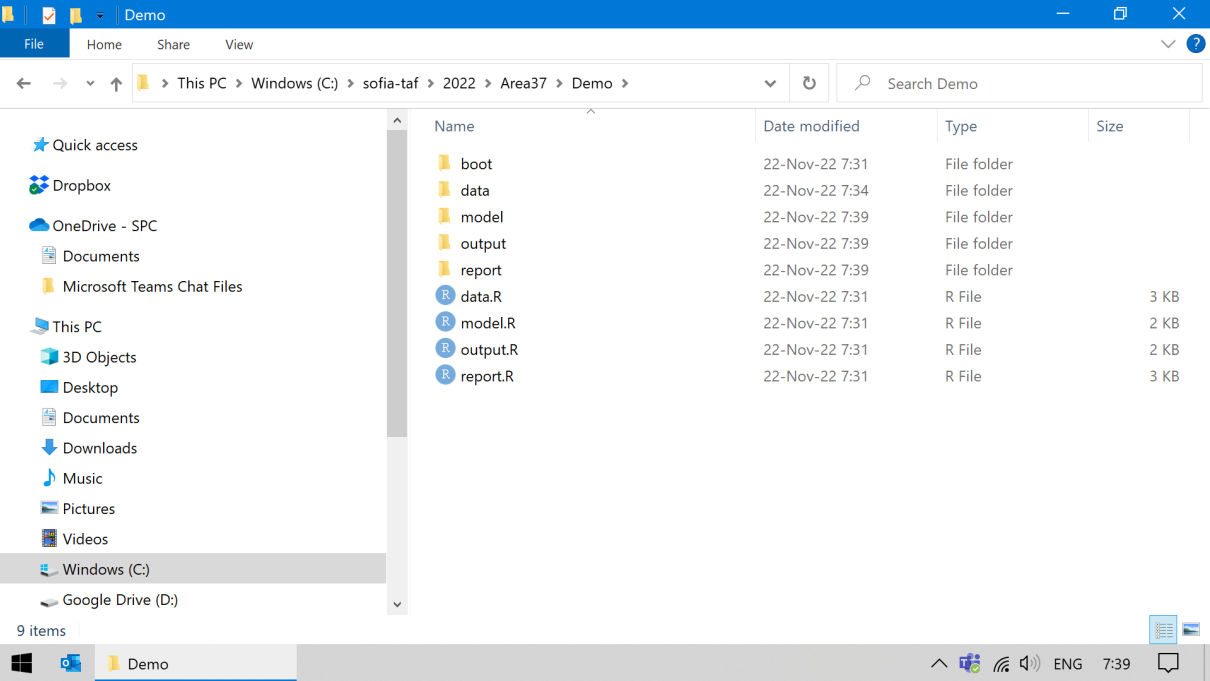 Pictures
  Videos
  Windows (C:)
  Google Drive (D:)

Name	Date modified	Type	Size
boot	22-Nov-22 7:31	File folder	
data	22-Nov-22 7:34	File folder	
model	22-Nov-22 7:39	File folder	
output	22-Nov-22 7:39	File folder	
report	22-Nov-22 7:39	File folder	
data.R	22-Nov-22 7:31	R File	3 KB
model.R	22-Nov-22 7:31	R File	2 KB
output.R	22-Nov-22 7:31	R File	2 KB
report.R	22-Nov-22 7:31	R File	3 KB

9 items

ENG   7:39

Demo

SOFIA-TAF resources

Documentation
overview, design, tutorial

Demos
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