



SOFIA-TAF

SOFIA analyses organized as TAF repositories on GitHub

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SOFIA-TAF workshop, Bangkok

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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, Area57

SOFIA-TAF

2020 Initial discussions

2021 Prototype analysis of Area 37
Database
Design report

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

2023 Workshop in area 57



SOFIA-TAF

Standardized structure to organize the SOFIA analyses

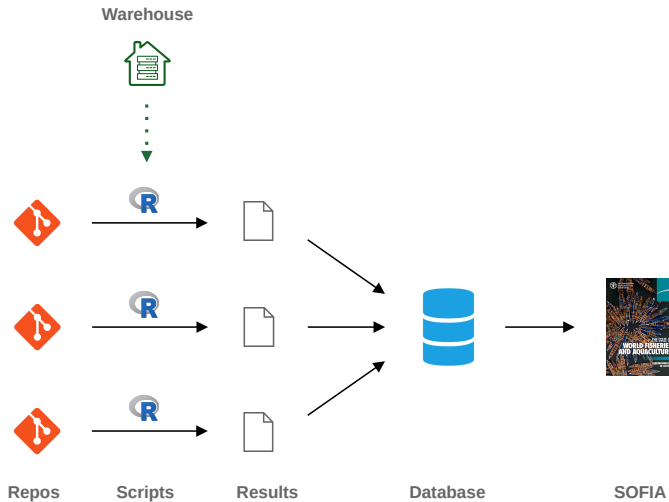
All the fisheries in the world

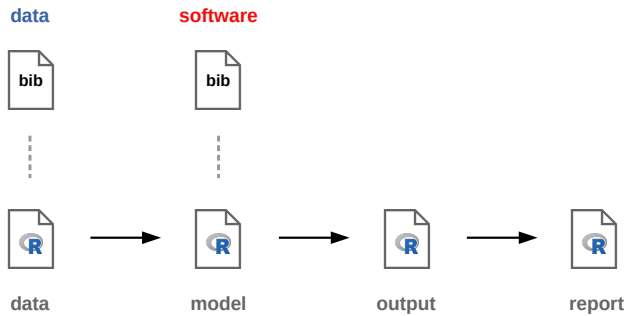
Converted from monolithic R Markdown to modular scripts

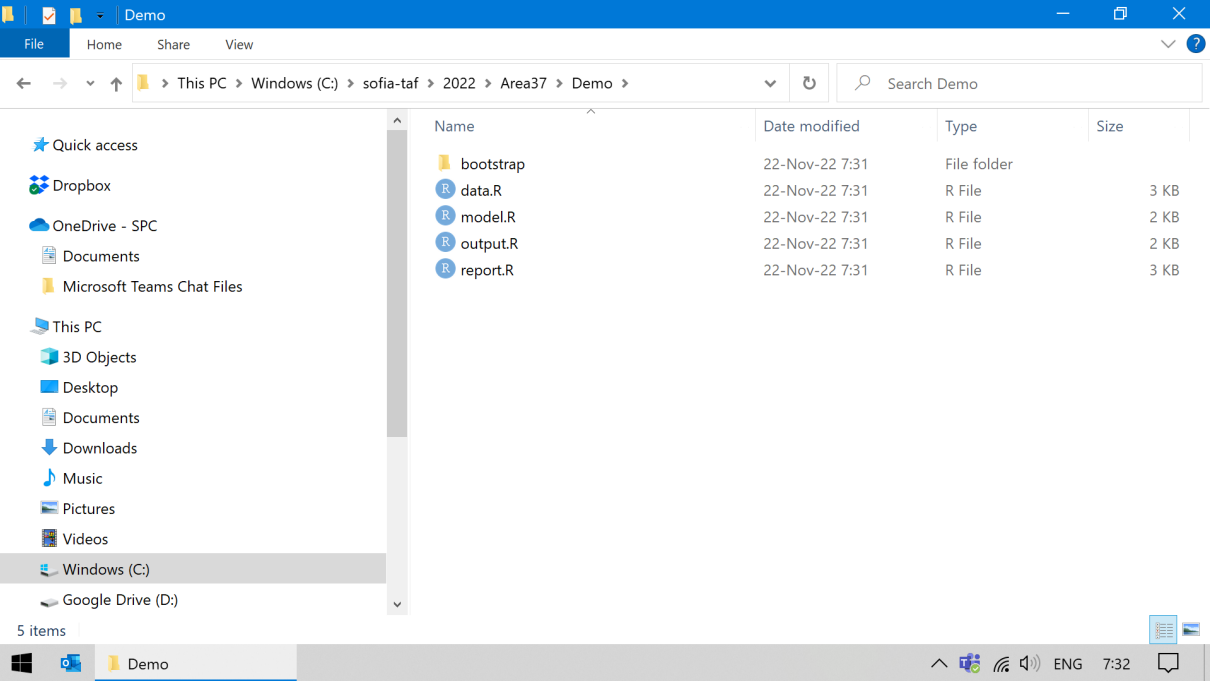
Tiers 1, 2, and 3

Ongoing development at github.com/sofia-taf

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







★ Quick access

Dropbox

OneDrive - SPC

Documents

Microsoft Teams Chat Files

This PC

3D Objects

Desktop

Documents

Downloads

Music

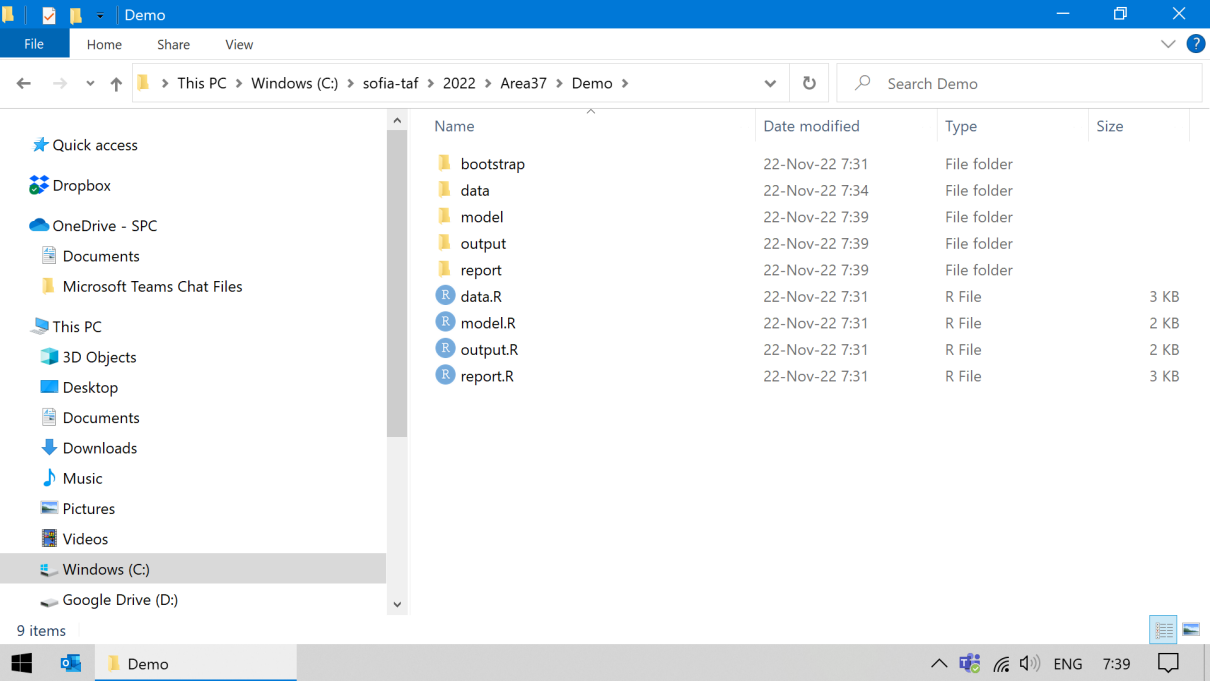
Pictures

Videos

Windows (C:)

Google Drive (D:)

| Name | Date modified | Type | Size |
|-----------|----------------|-------------|------|
| bootstrap | 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 |



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| bootstrap | 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 |
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| output.R | 22-Nov-22 7:31 | R File | 2 KB |
| report.R | 22-Nov-22 7:31 | R File | 3 KB |

SOFIA-TAF resources

Documentation

[overview](#), [design](#), [tutorial](#)

Demos

[EffortShared](#), [EffortByStock](#), [IndexBystock](#), [PriorsBystock](#), [Area57](#)

Packages

[SOFIA](#), [sraplus](#), [TAF](#)

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