



SOFIA-TAF

SOFIA analyses organized as TAF repositories on GitHub

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SOFIA-TAF workshop for Area 61 (NW Pacific), Rome
2 Oct 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



SOFIA-TAF

Standardized structure to organize the SOFIA analyses

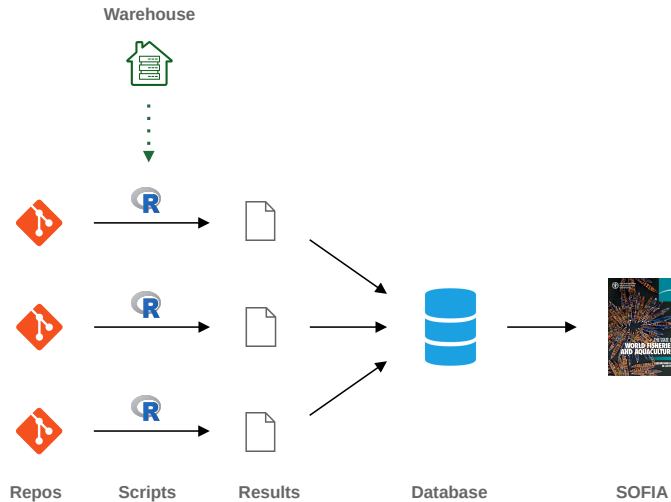
All the fisheries in the world

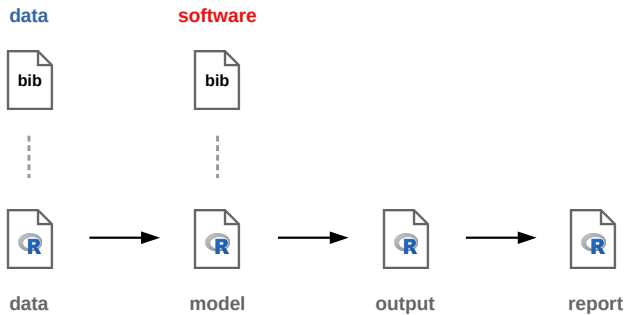
Converted from monolithic R Markdown to modular scripts

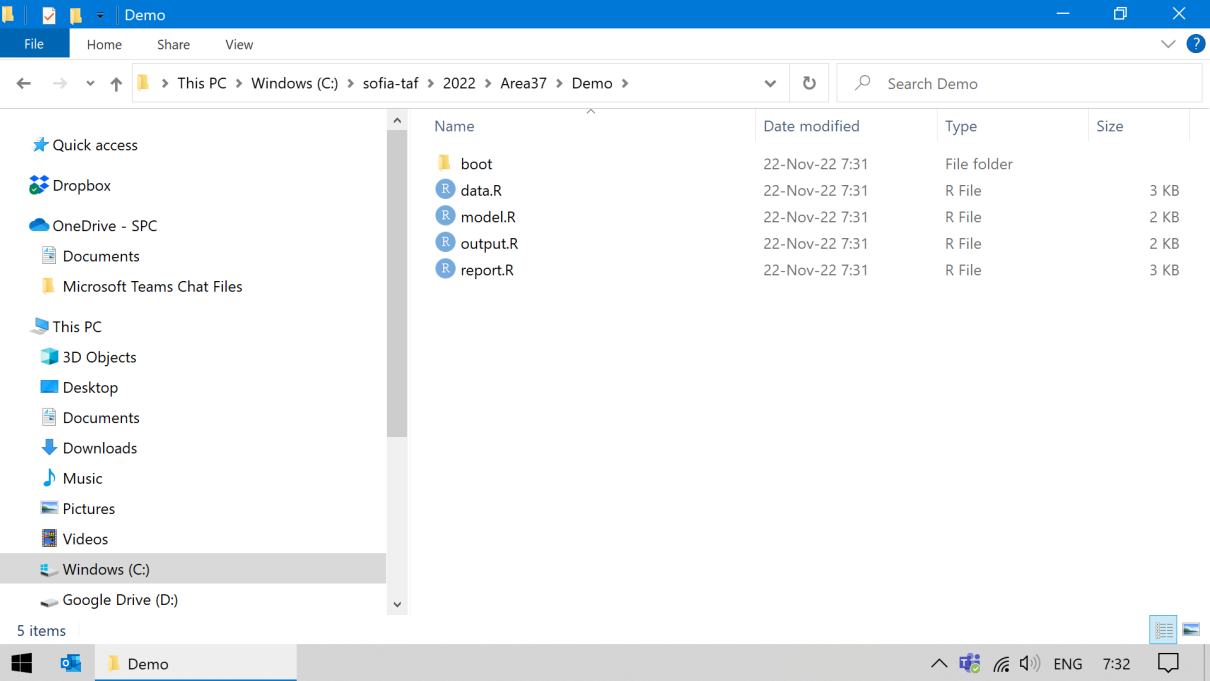
Tiers 1, 2, and 3

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

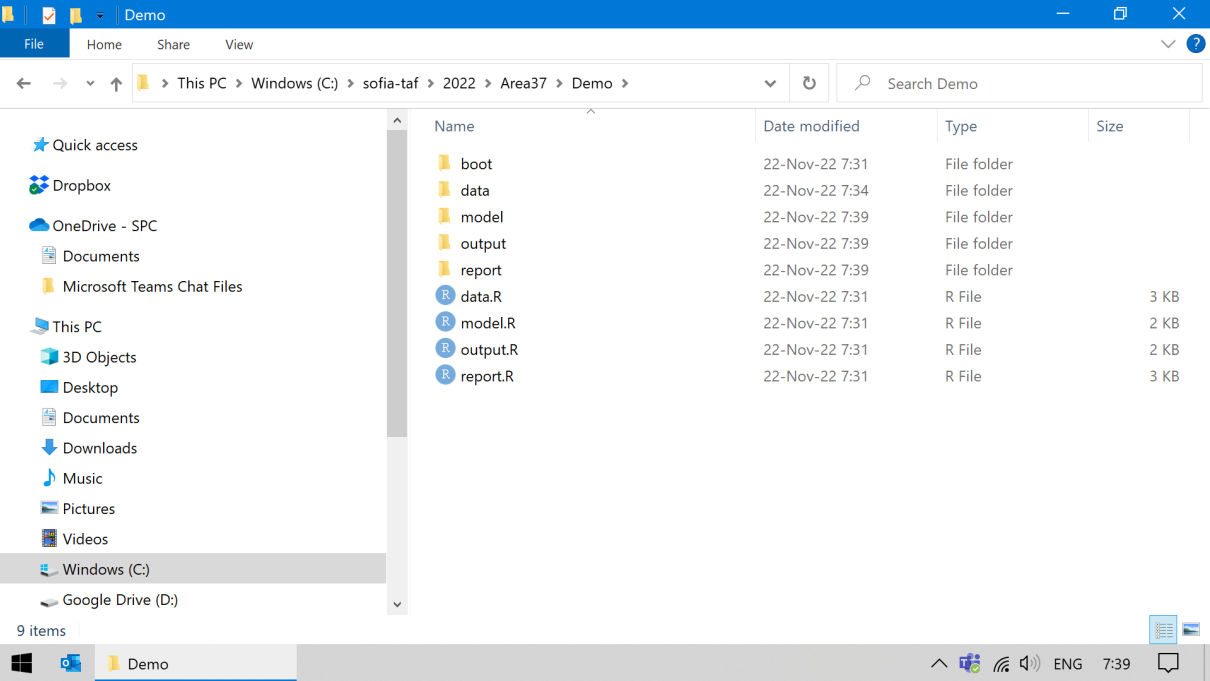
Videos

Windows (C:)

Google Drive (D:)

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



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| 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 |

SOFIA-TAF resources

Documentation

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

Demos

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

Packages

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

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