

Introduction

Allan

2023-06-14

Contents

Here is quick overlook of our dataset :

Dataset	No. observations		Name of the DS
Initial dataset	277'536	Combined all SwissGris's files from 2015	General_df
Monthly data	277'536	Monthly version of General_DF	General_dfM
Cantons'Data	4'995'648	Combined Data for Cantons from 2015	Canton_df_long
Swiss map's data	123,156	Contain data to map Switzerland	gadmCHE1

Best model for monthly consumption :

.model	Mean Error	RMSE	MAE
arima	12.735796937830064	122	88.0
ets	0.5523432780314904	128	97.2
tslm	0.0000000000000433	129	96.7

Best model for monthly production :

.model	Mean Error	RMSE	MAE
arima	19.125386139859717	440	306
ets	-59.44592615940835	473	361
tslm	0.0000000000000596	514	400