

Names and directories of the plot scripts for Eiselt and Graversen (2023), Submitted to JCLI

| figure number | plots script name and directory 1 = /Code_JCLI_Papers/Python/CMIP/ 2 = /Code_JCLI_Papers/Python/CESM/ |
|---------------|---|
| 1 | 1/AMOC/Plot_Scripts/Compare_AMOC_2_Groups_Sverdrup.py |
| 2 | 1/G1_G2_Regional_Comp/G1_G2_SEB.py |
| 3 | 1/G1_G2_Regional_Comp/G1_G2_LTS_and_CRE.py |
| 4 | 2/G1_G2_Comp/G1_G2_CESM2-SOM_Tas_Comparison_PaperVersion.py |
| 5 | 2/G1_G2_Comp/Plot_Sealce_G1_G2_CESM2-SOM.py |
| 6 | 2/G1_G2_Comp/ G1_G2_CESM2-SOM_RadFlux_Comparison_PaperVersion.py |
| 7 | same as Fig. 6 |
| 8 | same as Fig. 6 |
| 9 | same as Fig. 6 |
| 10 | same as Fig. 6 |
| 11 | 2/Hadley/Compare_mpsi_dQ_nodQ.py |
| 12 | 1/AMOC/Plot_Scripts/Corr_AMOC_with_its_Change_Sverdrup.py |
| S1 | 2/dQ_Check_Linear_Response/SAT_Response_to_Different_dQ.py |
| S2 | same as Fig. 2 |
| S3 | same as Fig. 3 |
| S4 | same as Fig. 4 |
| S5 | same as Fig. 4 |
| S6 | 2/Sealce/NH_SH_Sealce_dQ_nodQ_Comp.py |
| S7 | 1/Sealce/Plot_SealceExtent_a4x_Compare_2_Groups.py |
| S8 | 2/Sealce/SealceExtent_CaseComp.py |
| S9 | same as Fig. 6 |
| S10 | same as Fig. 6 |
| S11 | same as Fig. 11 |
| S12 | 2/Hadley/Calc_Hadley_Per_Case.py |
| S13 | 2/Comp_dQ_nondQ/Omega_Zonal_Mean_Vertical_CrossSec_Comp_dQ_nodQ.py |
| S14 | same as S13 |
| S15 | 2/Comp_dQ_nondQ/Ta_Zonal_Mean_Vertical_CrossSec_Comp_dQ_nodQ.py |
| S16 | 2/Comp_dQ_nondQ/Q_Zonal_Mean_Vertical_CrossSec_Comp_dQ_nodQ.py |
| S17 | 2/Cloud/Cloud_Zonal_Mean_Vertical_CrossSec_Comp_dQ_nodQ.py |
| S18 | same as S15 |
| S19 | 1/MO_Streamfunction/Compare_dMPSI_2_Groups.py |
| S20 | 1/dQdT/Plot_Scripts/Plot_dQ_Vertical_CrossSec_2_Groups.py |
| S21 | same as S20 |
| S22 | 1/AMOC/Plot_Scripts/Compare_AABW_2_Groups_Sverdrup.py |
| S23 | 1/AMOC/Plot_Scripts/Corr_AMOC_with_its_Change_Sverdrup.py (as Fig. 12) |
| S24 | 1/AMOC/Plot_Scripts/Corr_AMOC_with_its_Change_Sverdrup.py (as Fig. 12) |

| table number | script where the values in the table are printed in the console .../Python_Scripts_PhD_Publication1/CMIP/ |
|--------------|--|
| A1 | .../Code_JCLI_Papers/Python/Calculate_Values_dQ_EqA6.py |
| S1 | 1/AMOC/Plot_Scripts/Compare_AMOC_2_Groups_Sverdrup.py |
| S2 | same as S1 |
| S3 | same as A1 |