Box label	Description
$CO2^{E\text{-}HIST}$	
$E^{C\text{-}HIST}$	
(1) Linkages between Indicators of E-HIST & C-HIST	
$E_{FF}^{C\text{-}HIST}$	
$E_{LUC}^{C\text{-}HIST}$	
(2) Linkages between Diagnosed Anthropogenic Emissions	
$C_O^{C\text{-}HIST}$	
$C_{LN}^{C\text{-}HIST}$	
$C_L^{C\text{-}HIST}$	
$C_L^{C\text{-}HIST\text{-}NOLU}$	
(3) Linkages between historical & idealized exps on natural C sinks	
$C_O^{C\text{-}1PCT}$	
$C_L^{C\text{-}1PCT}$	
(4) Evaluation of forced response & feedbacks to explain the linkage between C-HIST & C-1PCT	
$C_L^{C\text{-}HIST}$	$C_O^{C\text{-}HIST}$
$C_L^{C\text{-}HIST\text{-}NOLU}$	$C_O^{C\text{-}HIST\text{-}NOLU}$
$C_L^{C\text{-}HIST\text{-}BGC}$	$C_O^{C\text{-}HIST\text{-}BGC}$
$C_L^{C\text{-}HIST\text{-}CO2}$	$C_O^{C\text{-}HIST\text{-}CO2}$

Legend:

*Emission-driven historical (**E-HIST**)*

*Concentration-driven historical (**C-HIST**)*

*Concentration-driven historical without LUC (**C-HIST-NOLU**)*

*Concentration-driven historical, biogeochemically coupled (**C-HIST-BGC**)*

*Concentration-driven idealized, CO_2 only (**C-HIST-CO2**)*

*Concentration-driven idealized (**C-1PCT**)*