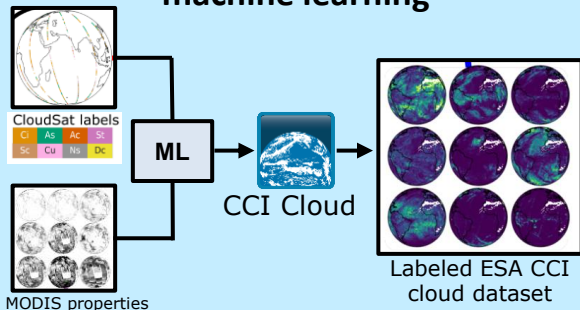




## WP5.1.1

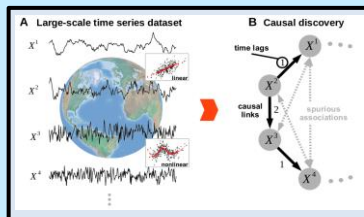
### Enhancing observational products for climate model evaluation with machine learning



- Developing ML-based approach to derive cloud classes from coarse-scale datasets
- Application of NN: timeseries of labelled ESA CCI Cloud data
- Evaluation of climate models

## WP5.1.2

### Causal model evaluation for cloud regimes and land cover types

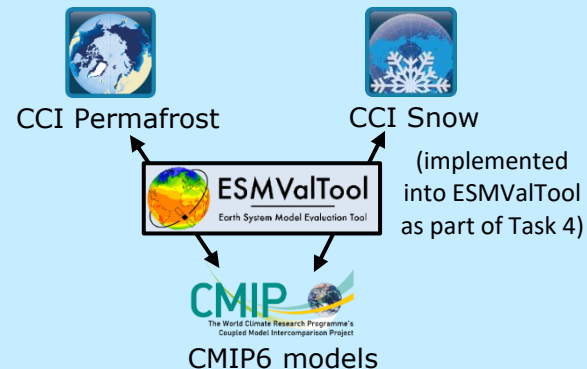


Causal inference (Runge et al., 2019)

- Investigate the causal connections among the cloud properties and their controlling factors (in ESA CCI data)
- Evaluation of global climate models

## WP5.1.3

### Evaluation of CMIP6 models with the ESMValTool



- Evaluation of CMIP6 models
- Investigate use of uncertainty information