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# **PreMo Documentation**

***Release 0.0.1***

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## **1.1 Submodules**

### **1.2 modules.average\_raster\_values module**

### **1.3 modules.boxplots module**

### **1.4 modules.gain\_statistics module**

### **1.5 modules.prediction module**

### **1.6 modules.process module**

### **1.7 modules.reclassify\_rasters module**

### **1.8 modules.validation module**

### **1.9 modules.weighting module**



## CHAPTER 2

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run\_modelling module

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### set\_data\_paths module

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data\_input.py<br> python 3.6.7<br> Definition of a function that returns the paths to the data and<br> a function that makes subsets out of the raster dictionary<br> @author: Lisa Stubert<br> @date: 2019-05-30<br>

set\_data\_paths.**data\_input**()

Return data paths

This script defines the data basis used. The correct paths to the predictor variable rasters have to be defined here.

**Returns all\_raster\_data** – Names an paths of predictor variable rasters

**Return type** dict

set\_data\_paths.**rasterfilter**(*all\_raster\_data*, *variables*)

Get subset out of raster dictionary

**Parameters**

- **all\_raster\_data** (*dict*) –
- **variables** (*list*) –

**Returns raster\_data** – Subset of raster dictionary

**Return type** dict



## CHAPTER 4

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### Indices and tables

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