

# datasets : int

 the number of datasets per sweep. How many times to perform the same sweep before moving on to the next.

# double\_sweep: bool

 if True, the code will compute all possible combinations of parameters and perform sweeps for heatmap plotting. If False, each parameter will be swept in isolation for XY

#### gen\_inputthool

 if true, a random data stream of length 4 x neurons in reservoir will be generated and passed to the metric function. It is a numpy.ndarray of values between [-0.5,0.5]

### parameters : dict

- keys: str("parameter name")
- values: tuple(start, stop, step)

### dir\_path: str

the path where the .JSON files will be stored

# training: bool

 if True, a reservoirpy.Ridge node will be instantiated and added to the reservoirpy.model.

# target\_function: tuple(str,str)

 First string is the function name, second string is the path to the module containing it.

### function\_params: union[list,dict]

 Other variables required by metric function. If list, it won't be added to the JSON default parameters header.

