bird

August 12, 2022

1 FMD

```
[ ]: from FMD_old import FMD as FMD_old

     fmd_old = FMD_old("/Volumes/My Passport_ssd_sg3/data_sets/cifar10/bird")
```

```
[ ]: fmd_old.fit()
```

2

```
[ ]: fmd_old.eval()
```

3 FMD

```
[ ]: # fmd_old.show_data_infos()
```

```
[ ]: # fmd_old.show_FM_repres()
```

```
[ ]: fmd_old.show_AMs_and_related()
```

```
self.alpha_slice
[100, 100, 100, 100, 100, 100]
self.alpha_min
[0.00000000e+00 0.00000000e+00 0.00000000e+00 1.97783829e-05
 0.00000000e+00 0.00000000e+00]
self.alpha
[0.08496195 0.44803977 0.06230351 0.01360881 0.00129065 0.01511483]
self.alpha_max
[0.17700406 0.60545915 0.13845224 0.67947148 0.12906473 0.75574168]
self.r_minus_w_max
[ 5.  5.  6. 18. 29. 46.]
self.DAM_select
['and', 'and', 'and', 'and', 'and', 'and']
```

```
[ ]: # fmd_old.show_dirs()
```

```python
# fmd_old.show_layer_infos()
```

```python
# fmd_old.show_eval_infos()
```

```python
# fmd_old.show_fmds_box_plot()
```

```python
# fmd_old.show_fmdc()
```

4 fmd-

```python
# fmd_old.show_fmd_right_ratio_graph()
```

5

```python
# fmd_old.set_CM_infos()
```

```python
# fmd_old.show_eval_venn_diagrams()
```

```python
# fmd_old.show_efficience_and_FMD_ratio()
```

```python
# show_all_mask = {'show_dirs': True,
#     'show_data_infos': True,
#     'show_hyper_parameter': True,
#     'show_FM_repres': True,
#     'show_AMs_and_related': True,
#     'show_layer_infos': True,
#     'show_fmds_box_plot': True,
#     'show_fmdc': True,
#     'show_eval_infos': True,
#     'show_fmd_right_ratio_graph': True,
#     'show_eval_venn_diagrams': True,
#     'show_efficience_and_FMD_ratio': True,}
# fmd_old.show_all(show_all_mask)
```