deer

August 12, 2022

1 FMD

```python
from FMD_old import FMD as FMD_old

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

```python
fmd_old.fit()
```

2

```python
fmd_old.eval()
```

3 FMD

```python
# fmd_old.show_data_infos()
```

```python
# fmd_old.show_FM_repres()
```

```python
fmd_old.show_AMs_and_related()
```

```
self.alpha_slice
[100, 100, 100, 100, 100, 100]
self.alpha_min
[0.         0.         0.         0.00012628 0.         0.        ]
self.alpha
[0.01643133 0.03409897 0.02135184 0.06750722 0.01710779 0.05533891]
self.alpha_max
[0.16431334 0.3788775  0.15251312 0.44933258 0.19008658 0.55338911]
self.r_minus_w_max
[337. 211. 312. 259. 298. 357.]
self.DAM_select
['and', 'and', 'and', 'and', 'and', 'and']
```

```python
# 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)
```