horse

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/horse")
```

```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
[0.00000000e+00 0.00000000e+00 0.00000000e+00 9.57301307e-05
 0.00000000e+00 3.96501541e-06]
self.alpha
[0.02096128 0.03493077 0.01996048 0.04552297 0.01460602 0.03425198]
self.alpha_max
[0.14972346 0.4366346  0.12475298 0.50484285 0.16228908 0.57080421]
self.r_minus_w_max
[402. 267. 457. 421. 424. 572.]
self.DAM_select
['and', 'and', 'and', 'and', 'and', 'and']
```

```python
# fmd_old.show_dirs()
```

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

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

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

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

4 fmd-

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

5

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

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

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

```
[ ]: # 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)
```