login as: r079915

r079915@IMGZ0001L008.research.erasmusmc.nl's password:

Creating home directory for r079915.

Last login: Fri Oct 14 14:49:12 2022 from 10.128.2.235

Could not chdir to home directory /home/r079915: No such file or directory

[r079915@imgz0001l008 /]$ tmux attach-session

Done fold 1: 2022-10-16 13:14:23

Fit fold 2: 2022-10-16 13:14:23

Predict fold 2: 2022-10-16 13:16:45

Done fold 2: 2022-10-16 13:17:13

Fit fold 3: 2022-10-16 13:17:13

Predict fold 3: 2022-10-16 13:18:58

Done fold 3: 2022-10-16 13:19:27

Fit fold 0: 2022-10-16 13:19:27

Predict fold 0: 2022-10-16 13:35:19

Done fold 0: 2022-10-16 13:35:54

Fit fold 1: 2022-10-16 13:35:54

Predict fold 1: 2022-10-16 13:52:03

Done fold 1: 2022-10-16 13:52:39

Fit fold 2: 2022-10-16 13:52:39

Predict fold 2: 2022-10-16 14:08:22

Done fold 2: 2022-10-16 14:09:00

Fit fold 3: 2022-10-16 14:09:00

Predict fold 3: 2022-10-16 14:25:21

Done fold 3: 2022-10-16 14:25:56

100%|███████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 125/125 [48:32:01<00:00, 1397.77s/trial, best loss: 463.01232587926035]

{'Normalization': 3, 'activation': 'sigmoid', 'batch\_size': 13, 'init\_dropout': 0.08056170515563518, 'learning\_rate': 0.0048004463852016266, 'mid\_dropout': 0.6604972479807039, 'n\_layers': 2, 'n\_neurons': 192}

STEP 2.1 -- Done tuning ANN: 2022-10-16 14:25:56 (+2912.0 min)

STEP 2.2 -- Start final model ANN: 2022-10-16 14:26:06 (+0.0 min)

Fit final model: 2022-10-16 14:26:06

Predict final model: 2022-10-16 14:42:42

Predict extra analysis: 2022-10-16 14:43:30

STEP 2.2 -- Done final model ANN: 2022-10-16 14:43:30 (+17.5 min)

Process successfully finished: 2022-10-16 14:43:39

Total runtime: 2930.0 minutes

(venv) [r079915@imgz0001l008 yoelle]$

ANN

Predict fold 1: 2022-10-17 22:57:03

Done fold 1: 2022-10-17 22:57:03

Fit fold 2: 2022-10-17 22:57:03

Predict fold 2: 2022-10-17 22:58:49

Done fold 2: 2022-10-17 22:58:49

Fit fold 3: 2022-10-17 22:58:49

Predict fold 3: 2022-10-17 23:00:33

Done fold 3: 2022-10-17 23:00:34

100%|█████████████████████████████████████████████████████████████████████████████████████████████████████| 125/125 [10:39:37<00:00, 307.02s/trial, best loss: 455.5666067441087]

{'Normalization': 3, 'colsample\_bytree': 0.730320061923248, 'learning\_rate': 0.2782692519451382, 'max\_depth': 6, 'n\_estimators': 140, 'reg\_lambda': 0.4055417388432665, 'subsample': 0.9852080410186719}

STEP 2.1 -- Done tuning XGBoost: 2022-10-17 23:00:34 (+639.5 min)

STEP 2.2 -- Start final model XGBoost: 2022-10-17 23:00:43 (+0.0 min)

Fit final model: 2022-10-17 23:00:43

Predict final model: 2022-10-17 23:01:24

Predict extra analysis: 2022-10-17 23:01:25

STEP 2.2 -- Done final model XGBoost: 2022-10-17 23:01:25 (+0.5 min)

Process successfully finished: 2022-10-17 23:01:33

Total runtime: 640.5 minutes

XGBoost

GXBoost different settings (n=350)

{'Normalization': 0, 'colsample\_bytree': 0.9796125455678797, 'learning\_rate': 0.05312481269964213, 'max\_depth': 9, 'n\_estimators': 310, 'reg\_lambda': 0.1566274660629458, 'subsample': 0.9109324068228768}

XGboost last different settings

Done fold 1: 2022-10-28 08:11:19

Fit fold 2: 2022-10-28 08:11:21

Predict fold 2: 2022-10-28 08:12:57

Done fold 2: 2022-10-28 08:12:58

Fit fold 3: 2022-10-28 08:13:00

Predict fold 3: 2022-10-28 08:14:37

Done fold 3: 2022-10-28 08:14:37

Fit fold 0: 2022-10-28 08:14:39

Predict fold 0: 2022-10-28 08:17:07

Done fold 0: 2022-10-28 08:17:08

Fit fold 1: 2022-10-28 08:17:10

Predict fold 1: 2022-10-28 08:19:37

Done fold 1: 2022-10-28 08:19:37

Fit fold 2: 2022-10-28 08:19:39

Predict fold 2: 2022-10-28 08:22:10

Done fold 2: 2022-10-28 08:22:10

Fit fold 3: 2022-10-28 08:22:12

Predict fold 3: 2022-10-28 08:24:40

Done fold 3: 2022-10-28 08:24:41

100%|█████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 125/125 [20:27:36<00:00, 589.25s/trial, best loss: 7272252.592954507]

{'Normalization': 0, 'colsample\_bytree': 0.8780138471931548, 'learning\_rate': 0.27912876710056744, 'max\_depth': 6, 'n\_estimators': 170, 'reg\_lambda': 0.7651880792470276, 'subsample': 0.9698146053340637}

STEP 2.1 -- Done tuning XGBoost: 2022-10-28 08:24:43 (+1227.5 min)

STEP 2.2 -- Start final model XGBoost: 2022-10-28 08:24:51 (+0.0 min)

Fit final model: 2022-10-28 08:24:51

Predict final model: 2022-10-28 08:26:47

Predict extra analysis: 2022-10-28 08:26:49

STEP 2.2 -- Done final model XGBoost: 2022-10-28 08:26:49 (+2.0 min)

Process successfully finished: 2022-10-28 08:26:57

Total runtime: 1230.0 minutes

MeXGboost

Fit fold 0: 2022-10-27 05:00:22

EM-algorithm: 0%| | 0/5 [00:00<?, ?it/s] best loss: 455.6678685766772

EM-algorithm: 20%|██ | 1/5 [30:20<2:01:20, 1820.24s/it]

EM-algorithm: 40%|████ | 2/5 [1:00:22<1:30:28, 1809.45s/it]

EM-algorithm: 60%|██████ | 3/5 [1:30:20<1:00:08, 1804.28s/it]

EM-algorithm: 80%|████████ | 4/5 [2:00:01<29:55, 1795.27s/it]

EM-algorithm: 100%|██████████| 5/5 [2:29:43<00:00, 1790.35s/it]

EM-algorithm: 100%|██████████| 5/5 [2:29:43<00:00, 1796.67s/it]

Predict fold 0: 2022-10-27 07:34:04

start: 2022-10-27 07:34:04

Done fold 0: 2022-10-27 07:34:05

Fit fold 0: 2022-10-27 07:34:05

EM-algorithm: 0%| | 0/5 [00:00<?, ?it/s] best loss: 455.6678685766772

EM-algorithm: 20%|██ | 1/5 [29:01<1:56:06, 1741.69s/it]

EM-algorithm: 40%|████ | 2/5 [57:36<1:26:17, 1725.95s/it]

EM-algorithm: 60%|██████ | 3/5 [1:25:36<56:49, 1704.74s/it]

EM-algorithm: 80%|████████ | 4/5 [1:53:25<28:10, 1690.66s/it]

EM-algorithm: 100%|██████████| 5/5 [2:21:18<00:00, 1684.50s/it]

EM-algorithm: 100%|██████████| 5/5 [2:21:18<00:00, 1695.75s/it]

Predict fold 0: 2022-10-27 09:59:23

start: 2022-10-27 09:59:23

Done fold 0: 2022-10-27 09:59:24

Fit fold 0: 2022-10-27 09:59:24

EM-algorithm: 0%| | 0/5 [00:00<?, ?it/s] best loss: 455.6678685766772

EM-algorithm: 20%|██ | 1/5 [28:21<1:53:24, 1701.18s/it]

EM-algorithm: 40%|████ | 2/5 [56:20<1:24:25, 1688.36s/it]

EM-algorithm: 60%|██████ | 3/5 [1:24:25<56:14, 1687.01s/it]

EM-algorithm: 80%|████████ | 4/5 [1:52:15<28:00, 1680.13s/it]

EM-algorithm: 100%|██████████| 5/5 [2:20:00<00:00, 1674.69s/it]

EM-algorithm: 100%|██████████| 5/5 [2:20:00<00:00, 1680.12s/it]

Predict fold 0: 2022-10-27 12:23:26

start: 2022-10-27 12:23:26

Done fold 0: 2022-10-27 12:23:27

100%|██████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 125/125 [310:37:42<00:00, 8946.10s/trial, best loss: 455.6678685766772]

{'Normalization': 0, 'colsample\_bytree': 0.627046084870301, 'learning\_rate': 0.5693666726911776, 'max\_depth': 6, 'n\_estimators': 200, 'reg\_lambda': 0.4184033179198813, 'subsample': 0.983323304844858}

STEP 2.1 -- Done tuning MeXGB: 2022-10-27 12:23:27 (+18637.5 min)

STEP 2.2 -- Start final model MeXGB: 2022-10-27 12:23:35 (+0.0 min)

Fit final model: 2022-10-27 12:23:36

EM-algorithm: 100%|███████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 5/5 [3:06:42<00:00, 2240.41s/it]

Predict final model: 2022-10-27 15:35:36

start: 2022-10-27 15:35:37

start: 2022-10-27 15:35:39

STEP 2.2 -- Done final model MeXGB: 2022-10-27 15:35:40 (+192.0 min)

Process successfully finished: 2022-10-27 15:35:48

Total runtime: 18830.0 minutes