This is the code to download the data.

from numerapi import NumerAPI import pandas as pd import json

napi = NumerAPI( # public id=", # secret key=", verbosity="info")

START ROUND = 300 END ROUND = 512 TOURNAMENT = 8

query = """ query(\$roundNumber: Int!, \$tournament: Int!) { roundDetails (roundNumber: \$roundNumber, tournament: \$tournament) { roundId roundNumber tournament roundTarget status isDaily roundResolved roundResolveTime totalStakes totalAtStake totalPayout payoutFactor totalSubmitted models { roundId modelName selectedStakeValue payoutSettled to corr corrV4 corr20 corr60 corj60 corrWMetaModel fnc fncV3 fncV4 icV2 ric } } """

allPerfs = [] rounds = [] for round\_num in range(START\_ROUND, END\_ROUND+1):

print("roundNumber ", round\_num)

arguments = {'roundNumber': round\_num, 'tournament': TOURNAMENT} roundDetails = napi.raw\_query(query, arguments)['data']['roundDetails']

perf = pd.DataFrame(roundDetails['models'])
perf['roundNumber'] = round\_num
allPerfs.append(perf)

 $r = \{k: v \text{ for } k, v \text{ in roundDetails.items() if } k != 'models'\} rounds.append(r)$ 

 $pd.DataFrame (rounds). to \_csv(f'round-details.csv', index=False) \ pd.DataFrame (pd.concat(allPerfs)). to \_csv(f'round-START\_ROUND). to \_csv(f'round-details.csv', index=False) \\$