Top of script sketch of settings (subtle differences; Brute no algoWindow, no tradeTS)

tune

TuTradeSettings:
    SCORE_WEIGHTS: { pf: 40, wr: 30, trades: 30 },
      minScore: 50
       tradeDir: 'Long'   // Long, Short, All
   tradeSymbol: { useAll: false, list: ['ETH', 'BTC'] },
         trade: { tradeWindow: 15, posVal: 1000,
             tpPerc: [0.7,1.2,1.5], slPerc: [0.3,0.4,0.7] },
     minTrades: 20,   maxTrades: 300,

         algo1: ETH; [bin,okx]; [lsr_chg_1m,tbv_chg_5m]; <; [corePerc]
         algo2: MT; All; lql_chg_10m; >; [corePerc]
         algo3: All; okx; v_chg_10m,v_chg_1m; <; [5,10,20]

  TuAlgoSettings:
      algoWindow: 30,   // minutes algos can coincide
     algoSymbol: { useAll: false, list: ['ETH', 'BTC'] },
      exchange: { useAll: false, list: ['bin', 'byb', 'okx'] },
      corePerc: [0.2,0.5,1.2,5,35,100]
       params: ['c_chg_1m', 'c_chg_5m', 'c_chg_10m',
             'v_chg_1m', 'v_chg_5m', 'v_chg_10m',
             'oi_chg_1m', 'oi_chg_5m', 'oi_chg_10m',
             'pfr_chg_1m', 'pfr_chg_5m', 'pfr_chg_10m',
             'lsr_chg_1m', 'lsr_chg_5m', 'lsr_chg_10m',
             'rsi1_chg_1m', 'rsi1_chg_5m', 'rsi1_chg_10m',
             'rsi60_chg_1m', 'rsi60_chg_5m', 'rsi60_chg_10m',
             'tbv_chg_1m', 'tbv_chg_5m', 'tbv_chg_10m',
             'tsv_chg_1m', 'tsv_chg_5m', 'tsv_chg_10m',
             'lql_chg_1m', 'lql_chg_5m', 'lql_chg_10m',
             'lqs_chg_1m', 'lqs_chg_5m', 'lqs_chg_10m']

        Output:
       topAlgos   15
       listAlgos   30
        tradeTS: FALSE

   Speed settings , etc:

brute

BrTradeSettings:
    SCORE_WEIGHTS: { pf: 40, wr: 30, trades: 30 },
      minScore: 65
       tradeDir: 'Long'   // Long, Short, All
   tradeSymbol: { useAll: true, list: ['ETH', 'BTC'] },
         trade: { tradeWindow: 15, posVal: 1000,
             tpPerc: [0.7,1.2,1.5], slPerc: [0.3,0.4,0.7] },
     minTrades: 20,   maxTrades: 300,

  BrAlgoSettings:
     algoSymbol: { useAll: false, list: ['ETH', 'BTC'] },
      exchange: { useAll: false, list: ['bin', 'byb', 'okx'] },
      corePerc: [0.2,0.5,1.2,5,35,100]
       params: ['c_chg_1m', 'c_chg_5m', 'c_chg_10m',
          'v_chg_1m', 'v_chg_5m', 'v_chg_10m',
          'oi_chg_1m', 'oi_chg_5m', 'oi_chg_10m',
          'pfr_chg_1m', 'pfr_chg_5m', 'pfr_chg_10m',
          'lsr_chg_1m', 'lsr_chg_5m', 'lsr_chg_10m',
          'rsi1_chg_1m', 'rsi1_chg_5m', 'rsi1_chg_10m',
          'rsi60_chg_1m', 'rsi60_chg_5m', 'rsi60_chg_10m',
          'tbv_chg_1m', 'tbv_chg_5m', 'tbv_chg_10m',
          'tsv_chg_1m', 'tsv_chg_5m', 'tsv_chg_10m',
          'lql_chg_1m', 'lql_chg_5m', 'lql_chg_10m',

       Output:
      topAlgos   15
      listAlgos   50

   Speed settings , etc: