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# Introduction

Methods for learning decision rules are being successfully applied to many problem domains, especially where understanding and interpretation of the learned model is necessary. Although decision trees are regarded as easily interpretable models, in many cases, decision rules are even simpler to understand. The rule ensembles for multi-target regression employ the rule ensembles approach, which transcribes an ensemble of decision trees (in this case an ensemble of predictive clustering trees) into a large collection of rules. An optimization procedure is then used for selecting the best (and much smaller) subset of these rules, and to determine their weights. The accuracy of multi-target regression rule ensembles tend to be better than the accuracy of multi-target regression trees, but somewhat worse than the accuracy of multi-target random forests. The rules are significantly more concise than random forests, and it is also possible to create very small rule sets that are still comparable in accuracy to single regression trees.

The algorithm takes the following parameters:

* *Descriptive variables:* A set of descriptive variables, which are used within tests inside the decision tree that describe how the similar examples are clustered together. They can be numeric or categoric or mix of both types.
* *Target variables:* A set of one or more (dependent) variables for which we want to learn a predictive model that will describe their values in terms of descriptive variables. They must be numeric.
* *Number of decision trees in the initial ensemble:* Rule ensembles start by generating an ensemble of (predictive clustering) trees - this is the size of the ensemble. Increasing the number increases the variance of the candidate rules, but also increases the computational complexity (run time).
* *Maximum number of trees:* The maximum number of trees the method returns. The parameter can be used to prevent overly long run times on hard to model or noisy data.

## Algorithm inputs

The algorithm supports multi-target regression prediction. All target variables must be numeric.

## Algorithm output

As needed by the MIP, our algorithm produces several outputs: a PFA and a HTML visualization. Below we provide output for different output types.

### Single-target regression prediction

#### PFA

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#### HTML

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| <!doctype html>  <html>  <head></head>  <body>  <style>  .ruleframe {font-weight: bold;text-decoration:underline;}  .prediction {color:red;}  .bracket {color:blue;}  </style>  <div id="#algorithm">Model = <div><!-- Rule 1 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="prediction">(4.6369558567581635)</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 2 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &gt; 6.7 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(-0.8979190464696276)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 3 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &lt;= 6.7 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(2.561517376842116)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 4 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &gt; 1.2 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(0.9046558644030188)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 5 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &gt; 1.2 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(0.9402861957254142)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 6 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &gt; 3.4 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(-7.066557367514119)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 7 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &gt; 4.6 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(1.6813433291737965)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 8 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &lt;= 1.2 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(-2.6464077150880376)</span><span class="bracket">]</span></div></div>  </body>  </html>  Model =      (4.6369558567581635) +      [IF input2 > 6.7  THEN (-0.8979190464696276)] +      [IF input2 <= 6.7  THEN (2.561517376842116)] +      [IF input2 > 1.2  THEN (0.9046558644030188)] +      [IF input2 > 1.2  THEN (0.9402861957254142)] +      [IF input2 > 3.4  THEN (-7.066557367514119)] +      [IF input2 > 4.6  THEN (1.6813433291737965)] +      [IF input2 <= 1.2  THEN (-2.6464077150880376)] |

### Multi-target regression prediction

#### PFA

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#### HTML

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| <!doctype html>  <html>  <head></head>  <body>  <style>  .ruleframe {font-weight: bold;text-decoration:underline;}  .prediction {color:red;}  .bracket {color:blue;}  </style>  <div id="#algorithm">Model = <div><!-- Rule 1 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="prediction">(4.049550664584123, 2.4383640492120193, 0.5904832732470559)</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 2 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &lt;= 4.6 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(-6.500195302557049, -1.9118221478108968, -0.8147303614517207)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 3 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &lt;= 3.4 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(1.073894855120119, -0.08474549046086793, 0.17003335206068548)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 4 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &lt;= 1.2 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(-1.7132539308614194, 1.9728768071059846, -1.1798702989728298)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 5 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &gt; 6.7 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(1.1685972032894778, -0.6522402995104065, 0.7979072997343971)</span><span class="bracket">]</span><span>&nbsp;+&nbsp;</span></div>  <div><!-- Rule 6 -->&nbsp;&nbsp;&nbsp;&nbsp;<span class="bracket">[</span><span class="ruleframe">IF</span><span class="condition"> input2 &lt;= 6.7 </span>&nbsp;<span class="ruleframe">THEN</span>&nbsp;<span class="prediction">(4.420892431763627, -1.1914461872838145, 0.6571766338281247)</span><span class="bracket">]</span></div></div>  </body>  </html>  Model =      (4.049550664584123, 2.4383640492120193, 0.5904832732470559) +      [IF input2 <= 4.6  THEN (-6.500195302557049, -1.9118221478108968, -0.8147303614517207)] +      [IF input2 <= 3.4  THEN (1.073894855120119, -0.08474549046086793, 0.17003335206068548)] +      [IF input2 <= 1.2  THEN (-1.7132539308614194, 1.9728768071059846, -1.1798702989728298)] +      [IF input2 > 6.7  THEN (1.1685972032894778, -0.6522402995104065, 0.7979072997343971)] +      [IF input2 <= 6.7  THEN (4.420892431763627, -1.1914461872838145, 0.6571766338281247)] |

# Tests

We have also prepared an integration test of the algorithm. The tests run the algorithm on the datasets which are available in the algorithm-factory-demo database. To setup the testing environment, the following docker configuration was used:

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| ---  version: '2'  services:  db:  image: postgres:9.6.5-alpine  hostname: db  environment:  POSTGRES\_PASSWORD: test  wait\_dbs:  image: "waisbrot/wait"  restart: "no"  environment:  TARGETS: "db:5432"  TIMEOUT: 60  create\_dbs:  image: "hbpmip/create-databases:1.0.0"  restart: "no"  environment:  DB\_HOST: db  DB\_PORT: 5432  DB\_ADMIN\_USER: postgres  DB\_ADMIN\_PASSWORD: test  DB1: features  USER1: features  PASSWORD1: featurespwd  DB2: woken  USER2: woken  PASSWORD2: wokenpwd  depends\_on:  - db  sample\_data\_db\_setup:  image: "hbpmip/sample-data-db-setup:0.5.0"  container\_name: "data-db-setup"  restart: "no"  environment:  FLYWAY\_DBMS: postgresql  FLYWAY\_HOST: db  FLYWAY\_PORT: 5432  FLYWAY\_DATABASE\_NAME: features  FLYWAY\_USER: postgres  FLYWAY\_PASSWORD: test  depends\_on:  - db  woken\_db\_setup:  image: "hbpmip/woken-db-setup:latest"  container\_name: "woken-db-setup"  restart: "no"  environment:  FLYWAY\_DBMS: postgresql  FLYWAY\_HOST: db  FLYWAY\_PORT: 5432  FLYWAY\_DATABASE\_NAME: woken  FLYWAY\_USER: postgres  FLYWAY\_PASSWORD: test  depends\_on:  - db  clus\_fire\_regression\_st:  image: "hbpmip/java-jsi-clus-fire:latest"  container\_name: "clus-fire-regression-st"  restart: "no"  environment:  NODE: job\_test  JOB\_ID: 1  IN\_JDBC\_DRIVER: org.postgresql.Driver  IN\_JDBC\_URL: jdbc:postgresql://db:5432/features  IN\_JDBC\_USER: features  IN\_JDBC\_PASSWORD: featurespwd  OUT\_JDBC\_DRIVER: org.postgresql.Driver  OUT\_JDBC\_URL: jdbc:postgresql://db:5432/woken  OUT\_JDBC\_USER: woken  OUT\_JDBC\_PASSWORD: wokenpwd  PARAM\_variables: "score\_test1"  PARAM\_covariables: "stress\_before\_test1,iq,cognitive\_task2,practice\_task2,response\_time\_task2,college\_math,score\_math\_course1,score\_math\_course2"  PARAM\_query: "SELECT stress\_before\_test1,score\_test1,iq,cognitive\_task2,practice\_task2,response\_time\_task2,college\_math,score\_math\_course1,score\_math\_course2 FROM SAMPLE\_DATA"  FUNCTION: java-jsi-clus-fire  PARAM\_MODEL\_size: 10  PARAM\_MODEL\_rules: 15  links:  - "db:db"  clus\_fire\_regression\_mt:  image: "hbpmip/java-jsi-clus-fire:latest"  container\_name: "clus-fire-regression-mt"  restart: "no"  environment:  NODE: job\_test  JOB\_ID: 2  IN\_JDBC\_DRIVER: org.postgresql.Driver  IN\_JDBC\_URL: jdbc:postgresql://db:5432/features  IN\_JDBC\_USER: features  IN\_JDBC\_PASSWORD: featurespwd  OUT\_JDBC\_DRIVER: org.postgresql.Driver  OUT\_JDBC\_URL: jdbc:postgresql://db:5432/woken  OUT\_JDBC\_USER: woken  OUT\_JDBC\_PASSWORD: wokenpwd  PARAM\_variables: "score\_test1,stress\_before\_test1,iq,cognitive\_task2"  PARAM\_covariables: "practice\_task2,response\_time\_task2,college\_math,score\_math\_course1,score\_math\_course2"  PARAM\_query: "SELECT stress\_before\_test1,score\_test1,iq,cognitive\_task2,practice\_task2,response\_time\_task2,college\_math,score\_math\_course1,score\_math\_course2 FROM SAMPLE\_DATA"  FUNCTION: java-jsi-clus-fire  PARAM\_MODEL\_size: 15  PARAM\_MODEL\_rules: 15  links:  - "db:db"  pfa\_validator\_regression\_st:  image: "hbpmip/pfa-validator:latest"  container\_name: "pfa-validator-regression-st"  environment:  INPUT\_METHOD: POSTGRESQL  JOB\_ID: 1  DB\_HOST: db  DB\_PORT: 5432  DB\_NAME: woken  DB\_USER: woken  DB\_PASSWORD: wokenpwd  DB\_TABLE: job\_result  DB\_COLUMN: data  FEATURES\_DB\_HOST: db  FEATURES\_DB\_PORT: 5432  FEATURES\_DB\_NAME: features  FEATURES\_DB\_USER: features  FEATURES\_DB\_PASSWORD: featurespwd  FEATURES\_DB\_TABLE: sample\_data  links:  - "db:db"  pfa\_validator\_regression\_mt:  image: "hbpmip/pfa-validator:latest"  container\_name: "pfa-validator-regression-mt"  environment:  INPUT\_METHOD: POSTGRESQL  JOB\_ID: 2  DB\_HOST: db  DB\_PORT: 5432  DB\_NAME: woken  DB\_USER: woken  DB\_PASSWORD: wokenpwd  DB\_TABLE: job\_result  DB\_COLUMN: data  FEATURES\_DB\_HOST: db  FEATURES\_DB\_PORT: 5432  FEATURES\_DB\_NAME: features  FEATURES\_DB\_USER: features  FEATURES\_DB\_PASSWORD: featurespwd  FEATURES\_DB\_TABLE: sample\_data  links:  - "db:db" |

# Integration tests output

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| [java-jsi-clus-fire] ./tests/test.sh [ 1:44AM]  Starting the databases...  Creating network "tests\_default" with the default driver  Creating tests\_db\_1 ...  Creating tests\_db\_1 ... done  Waiting for db:5432 .... up!  Everything is up  Starting tests\_db\_1 ... done  PLAY [localhost] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  TASK [Create the new database(s)"] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  changed: [localhost] => (item={'password': 'featurespwd', 'db': 'features', 'user': 'features'})  changed: [localhost] => (item={'password': u'wokenpwd', 'db': u'woken', 'user': u'woken'})  TASK [Create user(s)] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  changed: [localhost] => (item={'password': 'featurespwd', 'db': 'features', 'user': 'features'})  changed: [localhost] => (item={'password': u'wokenpwd', 'db': u'woken', 'user': u'woken'})  PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  localhost : ok=2 changed=2 unreachable=0 failed=0  Initialise the databases...  Starting tests\_db\_1 ... done  2018/03/09 01:44:32 Waiting for: tcp://db:5432  2018/03/09 01:44:32 Connected to tcp://db:5432  Flyway 4.2.0 by Boxfuse  Database: jdbc:postgresql://db:5432/features (PostgreSQL 9.6)  Successfully validated 8 migrations (execution time 00:00.079s)  Creating Metadata table: "public"."schema\_version"  Current version of schema "public": << Empty Schema >>  Migrating schema "public" to version 1.0 - create  Migrating schema "public" to version 1.1 - churn  Migrating schema "public" to version 1.2 - iris  Migrating schema "public" to version 1.3 - dummy ldsm  Migrating schema "public" to version 1.4 - dummy federation  Migrating schema "public" to version 1.5 - synthetic datasets  Migrating schema "public" with repeatable migration Create view  Migrating schema "public" with repeatable migration Setup datasets linreg\_sample,churn,iris,desd\_synth,nida\_synth,qqni\_synth  Mar 09, 2018 1:44:33 AM eu.humanbrainproject.mip.migrations.R\_\_SetupValues migrate  INFO: Migrating dataset linreg\_sample...  Mar 09, 2018 1:44:33 AM eu.humanbrainproject.mip.migrations.R\_\_SetupValues migrate  INFO: Migrating dataset churn...  Mar 09, 2018 1:44:33 AM eu.humanbrainproject.mip.migrations.R\_\_SetupValues migrate  INFO: Migrating dataset iris...  Mar 09, 2018 1:44:33 AM eu.humanbrainproject.mip.migrations.R\_\_SetupValues migrate  INFO: Migrating dataset desd\_synth...  Mar 09, 2018 1:44:34 AM eu.humanbrainproject.mip.migrations.R\_\_SetupValues migrate  INFO: Migrating dataset nida\_synth...  Mar 09, 2018 1:44:35 AM eu.humanbrainproject.mip.migrations.R\_\_SetupValues migrate  INFO: Migrating dataset qqni\_synth...  Successfully applied 8 migrations to schema "public" (execution time 00:03.497s).  2018/03/09 01:44:36 Command finished successfully.  Starting tests\_db\_1 ... done  2018/03/09 01:44:37 Waiting for: tcp://db:5432  2018/03/09 01:44:37 Connected to tcp://db:5432  Flyway 4.2.0 by Boxfuse  Database: jdbc:postgresql://db:5432/woken (PostgreSQL 9.6)  Successfully validated 1 migration (execution time 00:00.013s)  Creating Metadata table: "public"."schema\_version"  Current version of schema "public": << Empty Schema >>  Migrating schema "public" to version 1.0 - create  Successfully applied 1 migration to schema "public" (execution time 00:00.070s).  2018/03/09 01:44:38 Command finished successfully.  Run the CLUS FIRE algorithm for single-target regression...  Starting tests\_db\_1 ... done  Mar 09, 2018 1:44:40 AM eu.humanbrainproject.mip.algorithms.jsi.Main run  INFO: Starting experiment  Mar 09, 2018 1:44:40 AM com.github.fommil.netlib.ARPACK <clinit>  WARNING: Failed to load implementation from: com.github.fommil.netlib.NativeSystemARPACK  Mar 09, 2018 1:44:40 AM com.github.fommil.netlib.ARPACK <clinit>  WARNING: Failed to load implementation from: com.github.fommil.netlib.NativeRefARPACK  Clus v2.11 - Software for Predictive Clustering  Copyright (C) 2007, 2008, 2009, 2010  Katholieke Universiteit Leuven, Leuven, Belgium  Jozef Stefan Institute, Ljubljana, Slovenia  This program is free software and comes with ABSOLUTELY NO  WARRANTY. You are welcome to redistribute it under certain  conditions. Type 'clus -copying' for distribution details.  Clustering attributes check ==> #nominal: 0 #numeric: 1  Memory And Time Optimization = false  Out-Of-Bag Estimate of the error = false  Perform Feature Ranking = false  Ensemble Method: Random Forest  Left Over: [1000]: 150  Left Over: [?]: 0  Output written to: experiment.out  Mar 09, 2018 1:44:41 AM eu.humanbrainproject.mip.algorithms.jsi.Main run  INFO: Reading descriptive output  Run the CLUS FIRE algorithm for multi-target regression...  Starting tests\_db\_1 ... done  Mar 09, 2018 1:44:43 AM eu.humanbrainproject.mip.algorithms.jsi.Main run  INFO: Starting experiment  Mar 09, 2018 1:44:44 AM com.github.fommil.netlib.ARPACK <clinit>  WARNING: Failed to load implementation from: com.github.fommil.netlib.NativeSystemARPACK  Mar 09, 2018 1:44:44 AM com.github.fommil.netlib.ARPACK <clinit>  WARNING: Failed to load implementation from: com.github.fommil.netlib.NativeRefARPACK  Clus v2.11 - Software for Predictive Clustering  Copyright (C) 2007, 2008, 2009, 2010  Katholieke Universiteit Leuven, Leuven, Belgium  Jozef Stefan Institute, Ljubljana, Slovenia  This program is free software and comes with ABSOLUTELY NO  WARRANTY. You are welcome to redistribute it under certain  conditions. Type 'clus -copying' for distribution details.  Clustering attributes check ==> #nominal: 0 #numeric: 4  Memory And Time Optimization = false  Out-Of-Bag Estimate of the error = false  Perform Feature Ranking = false  Ensemble Method: Random Forest  Left Over: [50,1000,100,50]: 150  Left Over: [?,?,?,?]: 0  Output written to: experiment.out  Mar 09, 2018 1:44:45 AM eu.humanbrainproject.mip.algorithms.jsi.Main run  INFO: Reading descriptive output  Run PFA validator...  Starting tests\_db\_1 ... done  SELECT "data"  FROM "job\_result"  WHERE "job\_id" = '1'  AND "shape" = 'pfa\_json'  LIMIT 1    Executing PFA...  Input data: {'college\_math': 10.8950566269, 'iq': 73.5856470359, 'stress\_before\_test1': 61.4698271904, 'practice\_task2': 5.3073579707, 'score\_math\_course1': 4.5245546731, 'cognitive\_task2': 47.255081449, 'response\_time\_task2': 2151.5243553072, 'score\_math\_course2': 9.141799435}  Result: 1031.04535927  Input data: {'college\_math': 95.3513825513, 'iq': 73.6181456345, 'stress\_before\_test1': 53.7560829699, 'practice\_task2': 13.4702238116, 'score\_math\_course1': 89.6064960542, 'cognitive\_task2': 43.9281508027, 'response\_time\_task2': 2409.1032165984, 'score\_math\_course2': 91.9936031853}  Result: 1031.04535927  Input data: {'college\_math': 82.4857629211, 'iq': 73.7897320711, 'stress\_before\_test1': 43.7334060431, 'practice\_task2': 6.4622042561, 'score\_math\_course1': 80.1347922534, 'cognitive\_task2': 43.2017809317, 'response\_time\_task2': 2023.8269941875, 'score\_math\_course2': 86.1835340783}  Result: 1031.04535927  Input data: {'college\_math': 19.101598745, 'iq': 73.8623274925, 'stress\_before\_test1': 57.978654924, 'practice\_task2': 8.1555704426, 'score\_math\_course1': 8.1746120832, 'cognitive\_task2': 48.0430759808, 'response\_time\_task2': 1254.9241166505, 'score\_math\_course2': 10.9048941324}  Result: 1031.04535927  Input data: {'college\_math': 30.4334044384, 'iq': 73.9894228193, 'stress\_before\_test1': 51.4467006894, 'practice\_task2': 9.2848973878, 'score\_math\_course1': 16.1271003808, 'cognitive\_task2': 42.7963941018, 'response\_time\_task2': 1443.4700339927, 'score\_math\_course2': 18.1591474859}  Result: 1031.04535927  Input data: {'college\_math': 48.7741386232, 'iq': 74.4441778038, 'stress\_before\_test1': 49.1931665942, 'practice\_task2': 7.8004567749, 'score\_math\_course1': 37.9154161417, 'cognitive\_task2': 47.6898181248, 'response\_time\_task2': 1438.847856912, 'score\_math\_course2': 39.520893249}  Result: 1031.04535927  Input data: {'college\_math': 0.6628656151, 'iq': 74.8920051435, 'stress\_before\_test1': 37.6714539708, 'practice\_task2': 9.7150099981, 'score\_math\_course1': 8.1616111752, 'cognitive\_task2': 41.1218845341, 'response\_time\_task2': 1539.8832544408, 'score\_math\_course2': 13.2772437623}  Result: 1031.04535927  Input data: {'college\_math': 46.8417791895, 'iq': 74.9299457086, 'stress\_before\_test1': 52.4556807853, 'practice\_task2': 9.9356752126, 'score\_math\_course1': 52.9774085328, 'cognitive\_task2': 42.799063386, 'response\_time\_task2': 1180.2504636221, 'score\_math\_course2': 56.513891964}  Result: 1031.04535927  Input data: {'college\_math': 31.1422822999, 'iq': 75.0471146238, 'stress\_before\_test1': 59.2768355014, 'practice\_task2': 15.486330524, 'score\_math\_course1': 39.9128107028, 'cognitive\_task2': 35.3848051833, 'response\_time\_task2': 2194.0760181686, 'score\_math\_course2': 41.7675345181}  Result: 1031.04535927  Input data: {'college\_math': 0.0375835449, 'iq': 75.086311773, 'stress\_before\_test1': 54.9653261474, 'practice\_task2': 6.9202171451, 'score\_math\_course1': 8.7941925002, 'cognitive\_task2': 42.6748370061, 'response\_time\_task2': 1617.2585553711, 'score\_math\_course2': 12.6375882893}  Result: 1031.04535927  Input data: {'college\_math': 8.3375337264, 'iq': 76.2911765458, 'stress\_before\_test1': 63.5845113439, 'practice\_task2': 9.6916887803, 'score\_math\_course1': 10.8772310345, 'cognitive\_task2': 42.1595104892, 'response\_time\_task2': 2753.5089378435, 'score\_math\_course2': 17.9745010389}  Result: 1031.04535927  Input data: {'college\_math': 91.7303203445, 'iq': 77.2728787569, 'stress\_before\_test1': 54.3186792211, 'practice\_task2': 1.5938004639, 'score\_math\_course1': 94.3796735669, 'cognitive\_task2': 47.4817658724, 'response\_time\_task2': 2308.4407785694, 'score\_math\_course2': 103.1823373858}  Result: 1031.04535927  Input data: {'college\_math': 17.0190950573, 'iq': 77.9133657548, 'stress\_before\_test1': 56.1588323907, 'practice\_task2': 7.2527766209, 'score\_math\_course1': 5.1613513096, 'cognitive\_task2': 39.3245277443, 'response\_time\_task2': 2188.2460281906, 'score\_math\_course2': 14.8468759605}  Result: 1031.04535927  Input data: {'college\_math': 30.1656292917, 'iq': 78.0972442013, 'stress\_before\_test1': 59.7699495142, 'practice\_task2': 11.7228066538, 'score\_math\_course1': 37.6023178329, 'cognitive\_task2': 43.7665170958, 'response\_time\_task2': 2395.6755333844, 'score\_math\_course2': 43.4031165079}  Result: 1031.04535927  Input data: {'college\_math': 42.6418779843, 'iq': 79.1753711585, 'stress\_before\_test1': 59.3393836801, 'practice\_task2': 10.8729936989, 'score\_math\_course1': 31.5862496358, 'cognitive\_task2': 42.1055474044, 'response\_time\_task2': 2250.2192410897, 'score\_math\_course2': 32.2966476528}  Result: 1031.04535927  Input data: {'college\_math': 71.1971646862, 'iq': 80.3117577848, 'stress\_before\_test1': 42.9159222661, 'practice\_task2': 6.114291918, 'score\_math\_course1': 63.7361371161, 'cognitive\_task2': 46.3452458799, 'response\_time\_task2': 2227.4959122322, 'score\_math\_course2': 73.4436949731}  Result: 1031.04535927  Input data: {'college\_math': 66.2762563969, 'iq': 80.7649620343, 'stress\_before\_test1': 46.2164112334, 'practice\_task2': 10.6622731826, 'score\_math\_course1': 47.8515278457, 'cognitive\_task2': 40.8102670269, 'response\_time\_task2': 2192.2807659999, 'score\_math\_course2': 51.837860863}  Result: 1031.04535927  Input data: {'college\_math': 77.5122492806, 'iq': 81.0100873494, 'stress\_before\_test1': 54.6787497712, 'practice\_task2': 11.7041053492, 'score\_math\_course1': 58.4713657936, 'cognitive\_task2': 36.7182068067, 'response\_time\_task2': 1836.4236446992, 'score\_math\_course2': 66.3425948159}  Result: 1031.04535927  Input data: {'college\_math': 11.3424617553, 'iq': 81.1194886196, 'stress\_before\_test1': 34.896853208, 'practice\_task2': 8.1997926691, 'score\_math\_course1': 14.0713335692, 'cognitive\_task2': 41.7561114689, 'response\_time\_task2': 2271.3592989551, 'score\_math\_course2': 17.4563320216}  Result: 975.297185724  Input data: {'college\_math': -0.9802150006, 'iq': 81.7098431307, 'stress\_before\_test1': 39.9043984552, 'practice\_task2': 8.066642788, 'score\_math\_course1': 8.1821058525, 'cognitive\_task2': 39.3220451398, 'response\_time\_task2': 2061.0373072353, 'score\_math\_course2': 8.5285367139}  Result: 1031.04535927  Input data: {'college\_math': 6.1959829986, 'iq': 81.8966891055, 'stress\_before\_test1': 60.7630527782, 'practice\_task2': 10.0900177108, 'score\_math\_course1': 3.6661713223, 'cognitive\_task2': 44.9255409406, 'response\_time\_task2': 2551.1033657756, 'score\_math\_course2': 11.3954593849}  Result: 1031.04535927  Input data: {'college\_math': 84.4122609019, 'iq': 81.9674247051, 'stress\_before\_test1': 36.1868577376, 'practice\_task2': 7.9436524258, 'score\_math\_course1': 84.2470159775, 'cognitive\_task2': 43.6452404035, 'response\_time\_task2': 2106.6659721059, 'score\_math\_course2': 86.3013726075}  Result: 883.642398268  Input data: {'college\_math': 89.8678551272, 'iq': 82.3266784582, 'stress\_before\_test1': 50.8426644012, 'practice\_task2': 9.9938705656, 'score\_math\_course1': 77.7367387372, 'cognitive\_task2': 43.0996406928, 'response\_time\_task2': 1568.0389666219, 'score\_math\_course2': 84.175108572}  Result: 1031.04535927  Input data: {'college\_math': 77.5381610541, 'iq': 82.4690966836, 'stress\_before\_test1': 31.9045603653, 'practice\_task2': 10.6968635453, 'score\_math\_course1': 83.7012071421, 'cognitive\_task2': 40.2994403293, 'response\_time\_task2': 1905.4699366325, 'score\_math\_course2': 92.3292154984}  Result: 839.243590903  Input data: {'college\_math': 13.8231304581, 'iq': 82.5106127029, 'stress\_before\_test1': 39.3401784751, 'practice\_task2': 11.0783004092, 'score\_math\_course1': 19.6252003929, 'cognitive\_task2': 42.4955728618, 'response\_time\_task2': 2220.2062452521, 'score\_math\_course2': 25.863571997}  Result: 1031.04535927  Input data: {'college\_math': 66.3969555486, 'iq': 82.8023007518, 'stress\_before\_test1': 42.7352248253, 'practice\_task2': 10.4196644413, 'score\_math\_course1': 59.4775523602, 'cognitive\_task2': 41.0093516286, 'response\_time\_task2': 1701.1919788766, 'score\_math\_course2': 68.3882160957}  Result: 1031.04535927  Input data: {'college\_math': 76.7436583759, 'iq': 82.9488300798, 'stress\_before\_test1': 32.2017652673, 'practice\_task2': 7.3345171246, 'score\_math\_course1': 66.9586441081, 'cognitive\_task2': 41.4586489308, 'response\_time\_task2': 1814.625902737, 'score\_math\_course2': 74.6913695706}  Result: 741.824368477  Input data: {'college\_math': 83.721630088, 'iq': 83.2801645258, 'stress\_before\_test1': 47.5644547345, 'practice\_task2': 10.0099016367, 'score\_math\_course1': 98.8554712322, 'cognitive\_task2': 41.3683317524, 'response\_time\_task2': 1359.3175941978, 'score\_math\_course2': 100.8901005082}  Result: 1031.04535927  Input data: {'college\_math': 63.6515827437, 'iq': 83.8237157006, 'stress\_before\_test1': 52.7345949594, 'practice\_task2': 7.7532150682, 'score\_math\_course1': 75.7306828664, 'cognitive\_task2': 46.6271629788, 'response\_time\_task2': 1629.9786000875, 'score\_math\_course2': 79.495899115}  Result: 1031.04535927  Input data: {'college\_math': 38.9139001654, 'iq': 83.9168385769, 'stress\_before\_test1': 46.8535035726, 'practice\_task2': 8.1247293936, 'score\_math\_course1': 42.5305997459, 'cognitive\_task2': 41.1977091391, 'response\_time\_task2': 1986.4897680661, 'score\_math\_course2': 43.269571743}  Result: 1031.04535927  Input data: {'college\_math': 63.3139980925, 'iq': 84.1637299511, 'stress\_before\_test1': 47.3166579471, 'practice\_task2': 11.3786527323, 'score\_math\_course1': 59.4253758281, 'cognitive\_task2': 42.6734948069, 'response\_time\_task2': 1907.8850747866, 'score\_math\_course2': 66.0484152692}  Result: 1031.04535927  Input data: {'college\_math': 42.4855638696, 'iq': 85.2277771891, 'stress\_before\_test1': 65.3065027573, 'practice\_task2': 9.935165429, 'score\_math\_course1': 43.4843228972, 'cognitive\_task2': 38.2567759932, 'response\_time\_task2': 2257.4023412366, 'score\_math\_course2': 49.3068479146}  Result: 1031.04535927  Input data: {'college\_math': 105.4383466671, 'iq': 85.3247330252, 'stress\_before\_test1': 60.8720656326, 'practice\_task2': 11.8064262845, 'score\_math\_course1': 85.1992348244, 'cognitive\_task2': 37.8665546505, 'response\_time\_task2': 1974.0947612144, 'score\_math\_course2': 94.7785694443}  Result: 1031.04535927  Input data: {'college\_math': 47.8587228052, 'iq': 85.5200121592, 'stress\_before\_test1': 58.3100366688, 'practice\_task2': 6.9641589898, 'score\_math\_course1': 46.767896205, 'cognitive\_task2': 37.3548118741, 'response\_time\_task2': 2528.6583302693, 'score\_math\_course2': 53.1646592061}  Result: 1031.04535927  Input data: {'college\_math': 32.6633322306, 'iq': 85.9265298282, 'stress\_before\_test1': 44.9521740703, 'practice\_task2': 16.0924890492, 'score\_math\_course1': 23.6599556238, 'cognitive\_task2': 49.2254841113, 'response\_time\_task2': 1690.6161424352, 'score\_math\_course2': 25.9456627814}  Result: 1031.04535927  Input data: {'college\_math': 62.9650014579, 'iq': 86.0471783028, 'stress\_before\_test1': 49.8094702608, 'practice\_task2': 10.1573126995, 'score\_math\_course1': 60.395319982, 'cognitive\_task2': 42.7151777102, 'response\_time\_task2': 2219.2132717296, 'score\_math\_course2': 66.7868899517}  Result: 1031.04535927  Input data: {'college\_math': 16.0538297337, 'iq': 86.3355057506, 'stress\_before\_test1': 58.2265440869, 'practice\_task2': 14.1889378416, 'score\_math\_course1': 6.8205805249, 'cognitive\_task2': 40.5354538031, 'response\_time\_task2': 2409.3199149454, 'score\_math\_course2': 7.4073104151}  Result: 1031.04535927  Input data: {'college\_math': 70.9273329972, 'iq': 86.6616810729, 'stress\_before\_test1': 48.3300684527, 'practice\_task2': 6.1239721106, 'score\_math\_course1': 69.1813510389, 'cognitive\_task2': 38.8288255211, 'response\_time\_task2': 2087.2090691753, 'score\_math\_course2': 74.1006537958}  Result: 1031.04535927  Input data: {'college\_math': 58.3815291029, 'iq': 87.2400732747, 'stress\_before\_test1': 53.9816012695, 'practice\_task2': 11.4919073414, 'score\_math\_course1': 54.476217618, 'cognitive\_task2': 42.1316498056, 'response\_time\_task2': 2119.4969453081, 'score\_math\_course2': 56.244377312}  Result: 1031.04535927  Input data: {'college\_math': 46.1575099866, 'iq': 87.5048682225, 'stress\_before\_test1': 56.0881828581, 'practice\_task2': 7.5781565725, 'score\_math\_course1': 43.7127344399, 'cognitive\_task2': 44.3509658334, 'response\_time\_task2': 1823.4368318216, 'score\_math\_course2': 50.8812268679}  Result: 1031.04535927  Input data: {'college\_math': 84.0515475651, 'iq': 87.5649898807, 'stress\_before\_test1': 48.9644312115, 'practice\_task2': 13.365333159, 'score\_math\_course1': 97.2979085534, 'cognitive\_task2': 51.0292189608, 'response\_time\_task2': 1998.3269951046, 'score\_math\_course2': 98.6386936847}  Result: 1031.04535927  Input data: {'college\_math': 10.9729180093, 'iq': 87.5857491154, 'stress\_before\_test1': 54.9555214304, 'practice\_task2': 12.8855596497, 'score\_math\_course1': 33.6080028771, 'cognitive\_task2': 44.3603185853, 'response\_time\_task2': 2627.5972605789, 'score\_math\_course2': 37.1281898047}  Result: 1031.04535927  Input data: {'college\_math': 37.1055868227, 'iq': 87.7606409674, 'stress\_before\_test1': 36.6804381056, 'practice\_task2': 7.5741822921, 'score\_math\_course1': 44.6792816347, 'cognitive\_task2': 40.0145858987, 'response\_time\_task2': 1426.0538461138, 'score\_math\_course2': 51.2343669124}  Result: 1031.04535927  Input data: {'college\_math': 50.9683550162, 'iq': 87.8898943777, 'stress\_before\_test1': 45.6549422123, 'practice\_task2': 12.7433223767, 'score\_math\_course1': 42.7400635586, 'cognitive\_task2': 49.6261322492, 'response\_time\_task2': 2439.8053130721, 'score\_math\_course2': 45.1666250017}  Result: 1031.04535927  Input data: {'college\_math': 29.0519249411, 'iq': 87.9976058475, 'stress\_before\_test1': 62.9672568951, 'practice\_task2': 9.0065948168, 'score\_math\_course1': 20.6753134211, 'cognitive\_task2': 44.1440076217, 'response\_time\_task2': 2598.4769653545, 'score\_math\_course2': 27.1553024645}  Result: 1031.04535927  Input data: {'college\_math': 34.5935654365, 'iq': 88.7577248318, 'stress\_before\_test1': 47.1647194317, 'practice\_task2': 12.8991338797, 'score\_math\_course1': 12.8243515606, 'cognitive\_task2': 40.6648338166, 'response\_time\_task2': 1643.6140270631, 'score\_math\_course2': 19.2626966641}  Result: 1031.04535927  Input data: {'college\_math': 51.4332360562, 'iq': 88.859480219, 'stress\_before\_test1': 65.0280918869, 'practice\_task2': 7.4851435151, 'score\_math\_course1': 58.8000757492, 'cognitive\_task2': 42.5699397327, 'response\_time\_task2': 2033.07952422, 'score\_math\_course2': 62.557912661}  Result: 1031.04535927  Input data: {'college\_math': 90.4953177924, 'iq': 89.4595784696, 'stress\_before\_test1': 53.9441847139, 'practice\_task2': 8.4417341855, 'score\_math\_course1': 97.2110197754, 'cognitive\_task2': 47.059468878, 'response\_time\_task2': 2876.6613093095, 'score\_math\_course2': 104.2351471391}  Result: 1031.04535927  Input data: {'college\_math': 42.9137604241, 'iq': 90.8145734911, 'stress\_before\_test1': 33.2829819311, 'practice\_task2': 5.7758728597, 'score\_math\_course1': 51.8226789993, 'cognitive\_task2': 45.9549912538, 'response\_time\_task2': 2294.6385888979, 'score\_math\_course2': 55.8920717456}  Result: 828.018643001  Input data: {'college\_math': 75.2324523971, 'iq': 91.2047810446, 'stress\_before\_test1': 35.1240681297, 'practice\_task2': 13.5254403851, 'score\_math\_course1': 77.2298186426, 'cognitive\_task2': 40.8764793026, 'response\_time\_task2': 1681.7169979824, 'score\_math\_course2': 84.3041238459}  Result: 839.243590903  Input data: {'college\_math': 76.4977548829, 'iq': 91.6324391828, 'stress\_before\_test1': 59.4549751484, 'practice\_task2': 14.9423483825, 'score\_math\_course1': 89.0585701009, 'cognitive\_task2': 40.0851796238, 'response\_time\_task2': 1155.5527080673, 'score\_math\_course2': 89.9082009639}  Result: 1031.04535927  Input data: {'college\_math': 12.2452740518, 'iq': 91.7995811766, 'stress\_before\_test1': 61.4608832547, 'practice\_task2': 12.6574501282, 'score\_math\_course1': 28.7432973119, 'cognitive\_task2': 40.9821445512, 'response\_time\_task2': 1889.8025097155, 'score\_math\_course2': 31.3846841417}  Result: 1031.04535927  Input data: {'college\_math': 58.8946170073, 'iq': 92.116872631, 'stress\_before\_test1': 53.9729503247, 'practice\_task2': 14.234614799, 'score\_math\_course1': 60.0639115355, 'cognitive\_task2': 45.9297145306, 'response\_time\_task2': 1545.3014823236, 'score\_math\_course2': 68.1129293318}  Result: 1031.04535927  Input data: {'college\_math': 82.8914467603, 'iq': 92.3586134921, 'stress\_before\_test1': 65.7111303308, 'practice\_task2': 8.8413834152, 'score\_math\_course1': 65.095885409, 'cognitive\_task2': 43.034100347, 'response\_time\_task2': 2382.3084067681, 'score\_math\_course2': 66.1962868473}  Result: 975.937763787  Input data: {'college\_math': 72.5131478029, 'iq': 92.4065968004, 'stress\_before\_test1': 35.8567503559, 'practice\_task2': 11.1662011511, 'score\_math\_course1': 79.8454933108, 'cognitive\_task2': 41.8532171342, 'response\_time\_task2': 1432.9525533815, 'score\_math\_course2': 80.369666294}  Result: 839.243590903  Input data: {'college\_math': 74.8805934643, 'iq': 93.2550748127, 'stress\_before\_test1': 45.626406803, 'practice\_task2': 15.5532854904, 'score\_math\_course1': 69.1602666674, 'cognitive\_task2': 45.1183516997, 'response\_time\_task2': 2210.6063389918, 'score\_math\_course2': 70.822909714}  Result: 1031.04535927  Input data: {'college\_math': 60.4803897693, 'iq': 93.7417739359, 'stress\_before\_test1': 33.8475243527, 'practice\_task2': 12.7213206983, 'score\_math\_course1': 61.0308795124, 'cognitive\_task2': 37.6501673954, 'response\_time\_task2': 1688.5135169086, 'score\_math\_course2': 62.8538737032}  Result: 933.626136844  Input data: {'college\_math': 67.4711973442, 'iq': 93.987752962, 'stress\_before\_test1': 35.1867330029, 'practice\_task2': 12.9069643313, 'score\_math\_course1': 79.8167307912, 'cognitive\_task2': 46.3584737361, 'response\_time\_task2': 2535.6092983957, 'score\_math\_course2': 83.2902553915}  Result: 883.642398268  Input data: {'college\_math': 83.2992285721, 'iq': 94.6730493798, 'stress\_before\_test1': 37.2695047341, 'practice\_task2': 8.6673135925, 'score\_math\_course1': 71.6071202252, 'cognitive\_task2': 45.9839969446, 'response\_time\_task2': 1820.1847182124, 'score\_math\_course2': 75.8391945921}  Result: 883.642398268  Input data: {'college\_math': 44.3556225518, 'iq': 95.2036181998, 'stress\_before\_test1': 56.8329562219, 'practice\_task2': 10.9999562879, 'score\_math\_course1': 42.141129259, 'cognitive\_task2': 43.0964136113, 'response\_time\_task2': 2195.5235319265, 'score\_math\_course2': 49.6425883388}  Result: 1031.04535927  Input data: {'college\_math': 100.9815270803, 'iq': 95.8982296874, 'stress\_before\_test1': 60.1687236603, 'practice\_task2': 6.9390968478, 'score\_math\_course1': 97.7441851196, 'cognitive\_task2': 40.0638098246, 'response\_time\_task2': 1929.0458785133, 'score\_math\_course2': 106.7927963713}  Result: 1031.04535927  Input data: {'college\_math': 54.5363702468, 'iq': 96.4010820385, 'stress\_before\_test1': 58.3233109176, 'practice\_task2': 16.0045571244, 'score\_math\_course1': 57.7015289937, 'cognitive\_task2': 45.7053249597, 'response\_time\_task2': 1269.7313958368, 'score\_math\_course2': 58.8705283816}  Result: 1031.04535927  Input data: {'college\_math': 66.0300621254, 'iq': 97.0356821804, 'stress\_before\_test1': 35.7940800962, 'practice\_task2': 7.4194677648, 'score\_math\_course1': 68.6131366156, 'cognitive\_task2': 43.1915278571, 'response\_time\_task2': 2033.7395035083, 'score\_math\_course2': 72.999031744}  Result: 741.824368477  Input data: {'college\_math': 91.5859292219, 'iq': 97.5864125453, 'stress\_before\_test1': 62.3909775625, 'practice\_task2': 9.5048925002, 'score\_math\_course1': 85.6181837481, 'cognitive\_task2': 45.7522466783, 'response\_time\_task2': 1732.806181659, 'score\_math\_course2': 89.777120189}  Result: 1031.04535927  Input data: {'college\_math': 56.1754430384, 'iq': 97.9535851651, 'stress\_before\_test1': 57.584458217, 'practice\_task2': 10.5894960894, 'score\_math\_course1': 31.1942569232, 'cognitive\_task2': 47.2534926372, 'response\_time\_task2': 1853.2428011684, 'score\_math\_course2': 38.4726091214}  Result: 1031.04535927  Input data: {'college\_math': 53.2851516201, 'iq': 98.489826683, 'stress\_before\_test1': 49.9538918982, 'practice\_task2': 10.4060950089, 'score\_math\_course1': 62.3581209136, 'cognitive\_task2': 46.5842353433, 'response\_time\_task2': 2408.4177800755, 'score\_math\_course2': 62.6486009182}  Result: 1031.04535927  Input data: {'college\_math': 77.0785061307, 'iq': 98.5160556714, 'stress\_before\_test1': 35.8087766855, 'practice\_task2': 7.9002483539, 'score\_math\_course1': 86.341405438, 'cognitive\_task2': 45.3349077057, 'response\_time\_task2': 2703.4708746047, 'score\_math\_course2': 92.0374832598}  Result: 883.642398268  Input data: {'college\_math': 66.1485723446, 'iq': 99.4701568736, 'stress\_before\_test1': 45.3535738913, 'practice\_task2': 7.9325992739, 'score\_math\_course1': 60.720582268, 'cognitive\_task2': 40.8601868347, 'response\_time\_task2': 2011.0369275865, 'score\_math\_course2': 64.3548136845}  Result: 1031.04535927  Input data: {'college\_math': 52.3001347942, 'iq': 99.5350262543, 'stress\_before\_test1': 55.0644400129, 'practice\_task2': 13.4108676729, 'score\_math\_course1': 48.3730291494, 'cognitive\_task2': 46.6117695416, 'response\_time\_task2': 2608.8810361142, 'score\_math\_course2': 56.5470824635}  Result: 1031.04535927  Input data: {'college\_math': 102.8067493705, 'iq': 99.5512928573, 'stress\_before\_test1': 36.3711367751, 'practice\_task2': 13.0256675934, 'score\_math\_course1': 87.0255579269, 'cognitive\_task2': 36.6915928029, 'response\_time\_task2': 2314.5311297926, 'score\_math\_course2': 89.0163244545}  Result: 839.243590903  Input data: {'college\_math': 45.1221180406, 'iq': 100.4000034975, 'stress\_before\_test1': 35.3682999741, 'practice\_task2': 11.8295202773, 'score\_math\_course1': 36.2571761734, 'cognitive\_task2': 39.4150098156, 'response\_time\_task2': 1845.176919013, 'score\_math\_course2': 45.7084954227}  Result: 933.626136844  Input data: {'college\_math': 46.9970337332, 'iq': 100.5392932668, 'stress\_before\_test1': 47.375366463, 'practice\_task2': 5.5598215097, 'score\_math\_course1': 52.0062100543, 'cognitive\_task2': 44.401103629, 'response\_time\_task2': 2373.4333077786, 'score\_math\_course2': 57.6173592643}  Result: 1031.04535927  Input data: {'college\_math': 46.0804883795, 'iq': 100.6362832626, 'stress\_before\_test1': 55.6495575671, 'practice\_task2': 10.0848102217, 'score\_math\_course1': 37.2382678352, 'cognitive\_task2': 51.1732012168, 'response\_time\_task2': 1416.3390065269, 'score\_math\_course2': 44.2907000524}  Result: 1031.04535927  Input data: {'college\_math': 87.7356986163, 'iq': 100.6497506035, 'stress\_before\_test1': 45.3740891588, 'practice\_task2': 10.5247939405, 'score\_math\_course1': 60.1413000214, 'cognitive\_task2': 47.9033907585, 'response\_time\_task2': 2698.6896854339, 'score\_math\_course2': 66.4192646139}  Result: 1031.04535927  Input data: {'college\_math': 39.849328575, 'iq': 100.7459515208, 'stress\_before\_test1': 47.368899667, 'practice\_task2': 8.7439826765, 'score\_math\_course1': 42.9701304538, 'cognitive\_task2': 43.3412758684, 'response\_time\_task2': 2018.8671208179, 'score\_math\_course2': 44.412582499}  Result: 1031.04535927  Input data: {'college\_math': 81.7032992338, 'iq': 101.0524432047, 'stress\_before\_test1': 56.0254612912, 'practice\_task2': 6.7302305497, 'score\_math\_course1': 62.1146952093, 'cognitive\_task2': 51.4242761962, 'response\_time\_task2': 2262.273417605, 'score\_math\_course2': 62.6984723785}  Result: 1031.04535927  Input data: {'college\_math': 60.6713914003, 'iq': 101.0786520624, 'stress\_before\_test1': 56.5607347345, 'practice\_task2': 13.2926521847, 'score\_math\_course1': 53.8294764422, 'cognitive\_task2': 46.7850332629, 'response\_time\_task2': 2309.3614312153, 'score\_math\_course2': 58.1480593677}  Result: 1031.04535927  Input data: {'college\_math': 93.9095570132, 'iq': 101.2733460634, 'stress\_before\_test1': 63.2286142847, 'practice\_task2': 10.5582573834, 'score\_math\_course1': 91.6755603843, 'cognitive\_task2': 42.0229844057, 'response\_time\_task2': 2758.1901538003, 'score\_math\_course2': 101.5216382716}  Result: 1031.04535927  Input data: {'college\_math': 52.5643860239, 'iq': 101.397950732, 'stress\_before\_test1': 41.3203885144, 'practice\_task2': 11.3824547787, 'score\_math\_course1': 59.1604158808, 'cognitive\_task2': 39.5999862008, 'response\_time\_task2': 2300.6536965902, 'score\_math\_course2': 60.8868244723}  Result: 1031.04535927  Input data: {'college\_math': 32.6840458572, 'iq': 102.0405568361, 'stress\_before\_test1': 33.3251990275, 'practice\_task2': 7.4089815673, 'score\_math\_course1': 28.4465080346, 'cognitive\_task2': 47.4591943936, 'response\_time\_task2': 1894.3866521794, 'score\_math\_course2': 30.7304870975}  Result: 869.689691881  Input data: {'college\_math': -10.0614573109, 'iq': 102.2364718598, 'stress\_before\_test1': 51.8512241902, 'practice\_task2': 4.6113635247, 'score\_math\_course1': 2.5508745844, 'cognitive\_task2': 46.9787887637, 'response\_time\_task2': 1602.7425001626, 'score\_math\_course2': 7.0149314767}  Result: 1031.04535927  Input data: {'college\_math': 101.8137365113, 'iq': 102.3435947806, 'stress\_before\_test1': 52.7288424891, 'practice\_task2': 4.5571008398, 'score\_math\_course1': 90.2934565225, 'cognitive\_task2': 51.3472088656, 'response\_time\_task2': 2358.8105323898, 'score\_math\_course2': 97.0021677779}  Result: 1031.04535927  Input data: {'college\_math': 63.7818807484, 'iq': 103.8299963489, 'stress\_before\_test1': 32.608488686, 'practice\_task2': 6.5308735988, 'score\_math\_course1': 62.105070008, 'cognitive\_task2': 45.6374759833, 'response\_time\_task2': 1428.774375157, 'score\_math\_course2': 70.4305402352}  Result: 786.223175842  Input data: {'college\_math': 104.8236728432, 'iq': 104.4791112874, 'stress\_before\_test1': 58.4372331902, 'practice\_task2': 6.1926805081, 'score\_math\_course1': 84.7811374455, 'cognitive\_task2': 48.8574696655, 'response\_time\_task2': 2600.6907178229, 'score\_math\_course2': 92.322544096}  Result: 1031.04535927  Input data: {'college\_math': 30.5456283823, 'iq': 104.5378675567, 'stress\_before\_test1': 44.9139954595, 'practice\_task2': 8.4819467944, 'score\_math\_course1': 18.2554196471, 'cognitive\_task2': 48.4288645224, 'response\_time\_task2': 1563.3790038133, 'score\_math\_course2': 26.5823272637}  Result: 1031.04535927  Input data: {'college\_math': 73.6149910766, 'iq': 105.6478678948, 'stress\_before\_test1': 51.2500830697, 'practice\_task2': 10.4965279869, 'score\_math\_course1': 78.4778634515, 'cognitive\_task2': 48.8481939533, 'response\_time\_task2': 1717.2447738011, 'score\_math\_course2': 79.0035957457}  Result: 1031.04535927  Input data: {'college\_math': 84.638251957, 'iq': 105.6568813106, 'stress\_before\_test1': 59.5885663695, 'practice\_task2': 11.7038323389, 'score\_math\_course1': 87.8115692141, 'cognitive\_task2': 55.395621187, 'response\_time\_task2': 1576.676186442, 'score\_math\_course2': 95.633731283}  Result: 1031.04535927  Input data: {'college\_math': 87.7900715592, 'iq': 106.0164176473, 'stress\_before\_test1': 32.5400577726, 'practice\_task2': 8.5715916282, 'score\_math\_course1': 84.9096892904, 'cognitive\_task2': 49.2224034306, 'response\_time\_task2': 2086.9035297623, 'score\_math\_course2': 94.2399759954}  Result: 778.034904425  Input data: {'college\_math': 32.2604960285, 'iq': 106.3045673938, 'stress\_before\_test1': 56.596677722, 'practice\_task2': 13.1153677763, 'score\_math\_course1': 31.5507246617, 'cognitive\_task2': 50.5842894505, 'response\_time\_task2': 1363.2148486645, 'score\_math\_course2': 32.4892910703}  Result: 1031.04535927  Input data: {'college\_math': 56.6330780073, 'iq': 106.3412357084, 'stress\_before\_test1': 44.1890289021, 'practice\_task2': 14.1322131195, 'score\_math\_course1': 63.7468924013, 'cognitive\_task2': 49.3232301792, 'response\_time\_task2': 2158.1901646624, 'score\_math\_course2': 66.9098317914}  Result: 1031.04535927  Input data: {'college\_math': 11.6174229006, 'iq': 106.5434524878, 'stress\_before\_test1': 41.3534259516, 'practice\_task2': 6.8271923528, 'score\_math\_course1': 13.4225596164, 'cognitive\_task2': 46.1736110884, 'response\_time\_task2': 2546.2792619916, 'score\_math\_course2': 15.7684697749}  Result: 1031.04535927  Input data: {'college\_math': 88.9772431578, 'iq': 106.8061195423, 'stress\_before\_test1': 46.2868786766, 'practice\_task2': 12.0973835377, 'score\_math\_course1': 78.2910303352, 'cognitive\_task2': 47.3236730151, 'response\_time\_task2': 1848.4710676081, 'score\_math\_course2': 85.6246899301}  Result: 1031.04535927  Input data: {'college\_math': 86.6430574057, 'iq': 107.2222372087, 'stress\_before\_test1': 44.3986182896, 'practice\_task2': 9.1963242883, 'score\_math\_course1': 88.2734075002, 'cognitive\_task2': 52.2508853306, 'response\_time\_task2': 1994.7607357435, 'score\_math\_course2': 94.189520909}  Result: 1031.04535927  Input data: {'college\_math': 100.1713455124, 'iq': 107.3347067197, 'stress\_before\_test1': 48.1691515311, 'practice\_task2': 12.463683009, 'score\_math\_course1': 94.9150785871, 'cognitive\_task2': 53.5429508934, 'response\_time\_task2': 1782.9330487992, 'score\_math\_course2': 99.128806344}  Result: 1031.04535927  Input data: {'college\_math': 37.1577280959, 'iq': 107.3494407748, 'stress\_before\_test1': 37.6324748901, 'practice\_task2': 8.967143165, 'score\_math\_course1': 29.343476278, 'cognitive\_task2': 51.3761255696, 'response\_time\_task2': 2194.4962050294, 'score\_math\_course2': 33.3748939179}  Result: 1031.04535927  Input data: {'college\_math': 70.3594526994, 'iq': 107.7345983862, 'stress\_before\_test1': 54.5896576606, 'practice\_task2': 13.1073320108, 'score\_math\_course1': 67.5928469019, 'cognitive\_task2': 47.4125325146, 'response\_time\_task2': 2613.2187459277, 'score\_math\_course2': 74.8824733954}  Result: 1031.04535927  Input data: {'college\_math': 65.6946755501, 'iq': 107.8612999806, 'stress\_before\_test1': 54.6695702953, 'practice\_task2': 12.3771640669, 'score\_math\_course1': 64.3807036867, 'cognitive\_task2': 52.7803306145, 'response\_time\_task2': 1124.9066323926, 'score\_math\_course2': 67.4256290398}  Result: 1031.04535927  Input data: {'college\_math': 34.2082117908, 'iq': 107.9584530598, 'stress\_before\_test1': 42.4716091826, 'practice\_task2': 10.3718415848, 'score\_math\_course1': 33.8885196114, 'cognitive\_task2': 45.6575596663, 'response\_time\_task2': 1506.7664718032, 'score\_math\_course2': 40.3815191172}  Result: 1031.04535927  Input data: {'college\_math': 93.3706904531, 'iq': 108.1509064167, 'stress\_before\_test1': 41.872746148, 'practice\_task2': 14.2088160634, 'score\_math\_course1': 85.5038104707, 'cognitive\_task2': 44.9497741438, 'response\_time\_task2': 1426.995598539, 'score\_math\_course2': 94.3202486366}  Result: 1031.04535927  Input data: {'college\_math': 2.0442583095, 'iq': 108.25532928, 'stress\_before\_test1': 58.9758588256, 'practice\_task2': 5.8763901932, 'score\_math\_course1': 10.0710697861, 'cognitive\_task2': 47.0718634953, 'response\_time\_task2': 2244.7280508014, 'score\_math\_course2': 10.876420873}  Result: 1031.04535927  Input data: {'college\_math': 94.1968868308, 'iq': 108.2820076105, 'stress\_before\_test1': 59.2627195631, 'practice\_task2': 9.1104236051, 'score\_math\_course1': 87.0500011554, 'cognitive\_task2': 52.3520990841, 'response\_time\_task2': 1773.1389404617, 'score\_math\_course2': 92.5251328803}  Result: 1031.04535927  Input data: {'college\_math': -11.2569495664, 'iq': 109.0333262299, 'stress\_before\_test1': 60.8332424657, 'practice\_task2': 11.893628714, 'score\_math\_course1': 1.7635167025, 'cognitive\_task2': 50.1275446169, 'response\_time\_task2': 1373.0131763529, 'score\_math\_course2': 2.7438765119}  Result: 1031.04535927  Input data: {'college\_math': 45.2664631516, 'iq': 110.5575565549, 'stress\_before\_test1': 44.7428971081, 'practice\_task2': 10.011510985, 'score\_math\_course1': 33.3614710155, 'cognitive\_task2': 51.8991424812, 'response\_time\_task2': 2435.2576767278, 'score\_math\_course2': 43.0101344287}  Result: 1031.04535927  Input data: {'college\_math': 75.41264138, 'iq': 110.8079701529, 'stress\_before\_test1': 50.4206555588, 'practice\_task2': 10.8772618325, 'score\_math\_course1': 63.6675248914, 'cognitive\_task2': 51.7011550428, 'response\_time\_task2': 1864.5955479712, 'score\_math\_course2': 70.6446337481}  Result: 1031.04535927  Input data: {'college\_math': 65.6683608284, 'iq': 111.345545727, 'stress\_before\_test1': 37.1640718509, 'practice\_task2': 5.7090699389, 'score\_math\_course1': 69.4822443412, 'cognitive\_task2': 46.5096869943, 'response\_time\_task2': 1732.9883987375, 'score\_math\_course2': 70.0764511055}  Result: 786.223175842  Input data: {'college\_math': 12.0631355655, 'iq': 111.7295621906, 'stress\_before\_test1': 62.0409612458, 'practice\_task2': 8.5765894917, 'score\_math\_course1': 22.5726147625, 'cognitive\_task2': 50.33405512, 'response\_time\_task2': 1709.1197000941, 'score\_math\_course2': 24.9570962274}  Result: 1031.04535927  Input data: {'college\_math': 75.4358717785, 'iq': 113.0796193847, 'stress\_before\_test1': 56.5174064321, 'practice\_task2': 10.953887122, 'score\_math\_course1': 53.4778751151, 'cognitive\_task2': 57.27077292, 'response\_time\_task2': 2238.3452597836, 'score\_math\_course2': 55.4140287775}  Result: 1031.04535927  Input data: {'college\_math': 71.3067123164, 'iq': 113.212926038, 'stress\_before\_test1': 35.5149663743, 'practice\_task2': 14.3318709486, 'score\_math\_course1': 76.8429361898, 'cognitive\_task2': 46.0180626832, 'response\_time\_task2': 2615.4985931591, 'score\_math\_course2': 86.7736157109}  Result: 883.642398268  Input data: {'college\_math': 41.6215835407, 'iq': 113.2886725435, 'stress\_before\_test1': 57.242932493, 'practice\_task2': 14.6436380786, 'score\_math\_course1': 54.2337485214, 'cognitive\_task2': 53.1073577082, 'response\_time\_task2': 1416.6634772674, 'score\_math\_course2': 60.4357124886}  Result: 1031.04535927  Input data: {'college\_math': 98.8392634068, 'iq': 113.3386821023, 'stress\_before\_test1': 58.8511465195, 'practice\_task2': 5.3463165124, 'score\_math\_course1': 78.7094699871, 'cognitive\_task2': 52.9207546787, 'response\_time\_task2': 2278.997985892, 'score\_math\_course2': 87.4484387692}  Result: 1031.04535927  Input data: {'college\_math': 54.3486850174, 'iq': 113.3412530595, 'stress\_before\_test1': 63.9235612271, 'practice\_task2': 13.3060538457, 'score\_math\_course1': 57.2953553854, 'cognitive\_task2': 58.9433858107, 'response\_time\_task2': 1607.6759698324, 'score\_math\_course2': 58.5617149395}  Result: 975.937763787  Input data: {'college\_math': 14.0136597458, 'iq': 113.4614308009, 'stress\_before\_test1': 32.9636539213, 'practice\_task2': 10.8212306069, 'score\_math\_course1': 16.3998154409, 'cognitive\_task2': 55.3482387406, 'response\_time\_task2': 2676.2827377799, 'score\_math\_course2': 24.7018658088}  Result: 975.297185724  Input data: {'college\_math': -7.2789636948, 'iq': 113.4698738901, 'stress\_before\_test1': 60.3971643867, 'practice\_task2': 4.1992565165, 'score\_math\_course1': 1.1131212579, 'cognitive\_task2': 52.8268625559, 'response\_time\_task2': 1765.4269289192, 'score\_math\_course2': 9.3015234263}  Result: 1031.04535927  Input data: {'college\_math': -9.0362012508, 'iq': 113.5418807391, 'stress\_before\_test1': 59.7008982522, 'practice\_task2': 5.8178458543, 'score\_math\_course1': 2.69596405, 'cognitive\_task2': 57.8486929341, 'response\_time\_task2': 2366.6077316236, 'score\_math\_course2': 4.3888939535}  Result: 1031.04535927  Input data: {'college\_math': 40.6117690395, 'iq': 113.787211578, 'stress\_before\_test1': 62.7912139618, 'practice\_task2': 8.2248211367, 'score\_math\_course1': 54.3790781475, 'cognitive\_task2': 59.458032397, 'response\_time\_task2': 1970.4912600917, 'score\_math\_course2': 60.2420129604}  Result: 1031.04535927  Input data: {'college\_math': 76.3031398813, 'iq': 114.6022342831, 'stress\_before\_test1': 54.5032582217, 'practice\_task2': 11.0568691515, 'score\_math\_course1': 79.642273599, 'cognitive\_task2': 51.2882892488, 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'score\_math\_course2': 77.9842608073}  Result: 1031.04535927  Input data: {'college\_math': 95.988670399, 'iq': 115.1617386039, 'stress\_before\_test1': 46.0620979061, 'practice\_task2': 6.4725401723, 'score\_math\_course1': 83.5757821535, 'cognitive\_task2': 53.487175739, 'response\_time\_task2': 1923.7719630123, 'score\_math\_course2': 86.8358816851}  Result: 1031.04535927  Input data: {'college\_math': 65.9213243908, 'iq': 115.3955227518, 'stress\_before\_test1': 54.1508797466, 'practice\_task2': 6.2249531151, 'score\_math\_course1': 51.5318501436, 'cognitive\_task2': 50.8336401218, 'response\_time\_task2': 2356.1257960471, 'score\_math\_course2': 57.5399736802}  Result: 1031.04535927  Input data: {'college\_math': 97.3644194144, 'iq': 115.4480211312, 'stress\_before\_test1': 32.6302226825, 'practice\_task2': 11.839887616, 'score\_math\_course1': 93.904027845, 'cognitive\_task2': 56.430155172, 'response\_time\_task2': 2194.2896770532, 'score\_math\_course2': 101.6348087431}  Result: 883.642398268  Input data: {'college\_math': 41.4998140741, 'iq': 115.4953963843, 'stress\_before\_test1': 33.6575736425, 'practice\_task2': 8.756952666, 'score\_math\_course1': 33.5315721284, 'cognitive\_task2': 58.9358091201, 'response\_time\_task2': 1972.4376423971, 'score\_math\_course2': 38.0067118083}  Result: 925.437865427  Input data: {'college\_math': 23.0040088091, 'iq': 115.5005155411, 'stress\_before\_test1': 53.6430122753, 'practice\_task2': 11.1381525188, 'score\_math\_course1': 26.7979135518, 'cognitive\_task2': 54.5631918843, 'response\_time\_task2': 1314.5546939407, 'score\_math\_course2': 36.601137646}  Result: 1031.04535927  Input data: {'college\_math': 53.2594625219, 'iq': 115.6447802778, 'stress\_before\_test1': 54.1077626016, 'practice\_task2': 11.3836923279, 'score\_math\_course1': 49.7147788056, 'cognitive\_task2': 51.8366144896, 'response\_time\_task2': 2142.860138809, 'score\_math\_course2': 51.2014567032}  Result: 1031.04535927  Input data: {'college\_math': 7.1367033596, 'iq': 116.4967901964, 'stress\_before\_test1': 49.9546990773, 'practice\_task2': 10.2148758022, 'score\_math\_course1': 2.5723398149, 'cognitive\_task2': 54.1605200671, 'response\_time\_task2': 2180.8253342759, 'score\_math\_course2': 7.8016327226}  Result: 1031.04535927  Input data: {'college\_math': 29.0073261562, 'iq': 116.8687691404, 'stress\_before\_test1': 52.4740034259, 'practice\_task2': 8.4939366214, 'score\_math\_course1': 42.3620938936, 'cognitive\_task2': 60.0034393609, 'response\_time\_task2': 2293.4118254894, 'score\_math\_course2': 48.9648095758}  Result: 1031.04535927  Input data: {'college\_math': 31.4570761848, 'iq': 116.9997352971, 'stress\_before\_test1': 43.9958282399, 'practice\_task2': 4.1023390623, 'score\_math\_course1': 29.319076868, 'cognitive\_task2': 66.6646707895, 'response\_time\_task2': 1973.5223612935, 'score\_math\_course2': 34.8953854286}  Result: 1031.04535927  Input data: {'college\_math': 66.8197965433, 'iq': 117.2336979591, 'stress\_before\_test1': 65.0487227252, 'practice\_task2': 15.7199258601, 'score\_math\_course1': 45.0015859765, 'cognitive\_task2': 64.970170333, 'response\_time\_task2': 2212.439236574, 'score\_math\_course2': 49.5359716301}  Result: 975.937763787  Input data: {'college\_math': 21.6424101398, 'iq': 117.6362307398, 'stress\_before\_test1': 57.9130985327, 'practice\_task2': 15.7572016244, 'score\_math\_course1': 17.6297873682, 'cognitive\_task2': 62.8885026538, 'response\_time\_task2': 1661.6229183774, 'score\_math\_course2': 20.2731500734}  Result: 1031.04535927  Input data: {'college\_math': 101.4455556512, 'iq': 118.1598860029, 'stress\_before\_test1': 65.2866526516, 'practice\_task2': 8.1989166186, 'score\_math\_course1': 98.8071098365, 'cognitive\_task2': 60.8919194382, 'response\_time\_task2': 1782.9536990799, 'score\_math\_course2': 101.6803917498}  Result: 975.937763787  Input data: {'college\_math': 96.0793710019, 'iq': 118.377436459, 'stress\_before\_test1': 64.6215004934, 'practice\_task2': 13.0782745369, 'score\_math\_course1': 82.1309525666, 'cognitive\_task2': 62.2282697282, 'response\_time\_task2': 1799.0756584696, 'score\_math\_course2': 87.7664030932}  Result: 975.937763787  Input data: {'college\_math': 72.2737889367, 'iq': 119.2665709487, 'stress\_before\_test1': 34.6767810571, 'practice\_task2': 13.185685187, 'score\_math\_course1': 66.9776718456, 'cognitive\_task2': 68.2569882054, 'response\_time\_task2': 2212.7611342548, 'score\_math\_course2': 75.1594488274}  Result: 1031.04535927  Input data: {'college\_math': 72.6776264951, 'iq': 119.4692293784, 'stress\_before\_test1': 42.6374002631, 'practice\_task2': 11.0433730017, 'score\_math\_course1': 67.8355729394, 'cognitive\_task2': 61.6914385299, 'response\_time\_task2': 1710.1017158426, 'score\_math\_course2': 72.7360253339}  Result: 1031.04535927  Input data: {'college\_math': 30.1549784144, 'iq': 119.5694890278, 'stress\_before\_test1': 51.5317961396, 'practice\_task2': 13.7676642518, 'score\_math\_course1': 17.0504876266, 'cognitive\_task2': 62.804897373, 'response\_time\_task2': 2081.0193162487, 'score\_math\_course2': 19.6834955032}  Result: 1031.04535927  Input data: {'college\_math': 84.0688461183, 'iq': 119.6378979478, 'stress\_before\_test1': 49.4730749692, 'practice\_task2': 9.1335935474, 'score\_math\_course1': 78.4713352104, 'cognitive\_task2': 64.9403859184, 'response\_time\_task2': 1889.9831266826, 'score\_math\_course2': 88.1443582946}  Result: 1031.04535927  Input data: {'college\_math': 53.5404287301, 'iq': 120.2167378426, 'stress\_before\_test1': 49.684750879, 'practice\_task2': 10.1433803326, 'score\_math\_course1': 48.8428326743, 'cognitive\_task2': 61.9675407638, 'response\_time\_task2': 2084.5273235355, 'score\_math\_course2': 53.1452027196}  Result: 1031.04535927  Input data: {'college\_math': 105.4754835653, 'iq': 120.3436561277, 'stress\_before\_test1': 64.5521526468, 'practice\_task2': 6.1203463678, 'score\_math\_course1': 99.6420438618, 'cognitive\_task2': 72.8212109622, 'response\_time\_task2': 2140.4743040697, 'score\_math\_course2': 107.6148995718}  Result: 1031.04535927  Input data: {'college\_math': 18.4602673847, 'iq': 120.5365604051, 'stress\_before\_test1': 35.1916722701, 'practice\_task2': 14.3331244989, 'score\_math\_course1': 16.3254023022, 'cognitive\_task2': 63.9990452042, 'response\_time\_task2': 1419.6192773621, 'score\_math\_course2': 22.4931611638}  Result: 1031.04535927  Input data: {'college\_math': 74.3446019446, 'iq': 120.6687514953, 'stress\_before\_test1': 57.0941501677, 'practice\_task2': 12.4875648964, 'score\_math\_course1': 75.1563576648, 'cognitive\_task2': 63.4760560344, 'response\_time\_task2': 1780.9972918272, 'score\_math\_course2': 84.7033341595}  Result: 1031.04535927  Input data: {'college\_math': 28.8766235483, 'iq': 120.7003343887, 'stress\_before\_test1': 61.9158416769, 'practice\_task2': 10.9231770914, 'score\_math\_course1': 19.0777980026, 'cognitive\_task2': 76.3951678099, 'response\_time\_task2': 2404.8966826361, 'score\_math\_course2': 22.3134554413}  Result: 1031.04535927  Input data: {'college\_math': 30.1450258818, 'iq': 121.8509367606, 'stress\_before\_test1': 63.4240582835, 'practice\_task2': 12.9642541673, 'score\_math\_course1': 33.4279256461, 'cognitive\_task2': 77.6690429298, 'response\_time\_task2': 2007.347338704, 'score\_math\_course2': 38.4305496777}  Result: 1031.04535927  Input data: {'college\_math': 39.8628281842, 'iq': 122.1995690218, 'stress\_before\_test1': 58.1603631635, 'practice\_task2': 6.8541644134, 'score\_math\_course1': 40.6932925156, 'cognitive\_task2': 69.0579727279, 'response\_time\_task2': 2954.0765635478, 'score\_math\_course2': 47.7086202709}  Result: 1031.04535927  Input data: {'college\_math': 36.6322443568, 'iq': 122.2194700222, 'stress\_before\_test1': 59.2162533895, 'practice\_task2': 9.2959593126, 'score\_math\_course1': 30.166493563, 'cognitive\_task2': 74.3829256128, 'response\_time\_task2': 1905.2233043783, 'score\_math\_course2': 35.6214445941}  Result: 1031.04535927  Input data: {'college\_math': 30.7866706483, 'iq': 123.0909691512, 'stress\_before\_test1': 56.9447803706, 'practice\_task2': 12.1426777456, 'score\_math\_course1': 38.9184765895, 'cognitive\_task2': 71.15358796, 'response\_time\_task2': 2349.5720313401, 'score\_math\_course2': 44.8401892027}  Result: 1031.04535927  Input data: {'college\_math': 8.650512201, 'iq': 123.1380582986, 'stress\_before\_test1': 34.8886047293, 'practice\_task2': 5.6618364633, 'score\_math\_course1': 17.2111275406, 'cognitive\_task2': 75.7395918214, 'response\_time\_task2': 2005.820182086, 'score\_math\_course2': 20.6770942695}  Result: 925.437865427  Input data: {'college\_math': 82.1929259113, 'iq': 123.1492121408, 'stress\_before\_test1': 59.8238796011, 'practice\_task2': 10.5229563207, 'score\_math\_course1': 72.5934196033, 'cognitive\_task2': 76.7576476291, 'response\_time\_task2': 2628.3770537491, 'score\_math\_course2': 79.8131112338}  Result: 1031.04535927  Input data: {'college\_math': 22.3140768266, 'iq': 123.4015863084, 'stress\_before\_test1': 36.1490241182, 'practice\_task2': 3.7108700113, 'score\_math\_course1': 25.0445038937, 'cognitive\_task2': 72.3854784502, 'response\_time\_task2': 2057.7449751384, 'score\_math\_course2': 25.5618520007}  Result: 1031.04535927  Input data: {'college\_math': 81.2770354036, 'iq': 123.7599344865, 'stress\_before\_test1': 35.5135451254, 'practice\_task2': 10.5763481266, 'score\_math\_course1': 62.3318676886, 'cognitive\_task2': 80.4738996627, 'response\_time\_task2': 2007.0248383851, 'score\_math\_course2': 69.1665274489}  Result: 933.626136844  Input data: {'college\_math': 40.2468787532, 'iq': 123.8504042102, 'stress\_before\_test1': 32.7049160233, 'practice\_task2': 14.3006767944, 'score\_math\_course1': 20.7943892688, 'cognitive\_task2': 75.1952890432, 'response\_time\_task2': 1910.9994730101, 'score\_math\_course2': 28.8806950743}  Result: 1031.04535927  [ OK ] - This is a valid PFA document!  Starting tests\_db\_1 ... done  SELECT "data"  FROM "job\_result"  WHERE "job\_id" = '2'  AND "shape" = 'pfa\_json'  LIMIT 1    Executing PFA...  Input data: {'score\_math\_course1': 4.5245546731, 'practice\_task2': 5.3073579707, 'college\_math': 10.8950566269, 'response\_time\_task2': 2151.5243553072, 'score\_math\_course2': 9.141799435}  Result: {u'iq': 108.34363166211, u'score\_test1': 50.0155023252, u'cognitive\_task2': 56.9060678125, u'stress\_before\_test1': 998.01608786049}  Input data: {'score\_math\_course1': 89.6064960542, 'practice\_task2': 13.4702238116, 'college\_math': 95.3513825513, 'response\_time\_task2': 2409.1032165984, 'score\_math\_course2': 91.9936031853}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 80.1347922534, 'practice\_task2': 6.4622042561, 'college\_math': 82.4857629211, 'response\_time\_task2': 2023.8269941875, 'score\_math\_course2': 86.1835340783}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 8.1746120832, 'practice\_task2': 8.1555704426, 'college\_math': 19.101598745, 'response\_time\_task2': 1254.9241166505, 'score\_math\_course2': 10.9048941324}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 16.1271003808, 'practice\_task2': 9.2848973878, 'college\_math': 30.4334044384, 'response\_time\_task2': 1443.4700339927, 'score\_math\_course2': 18.1591474859}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 37.9154161417, 'practice\_task2': 7.8004567749, 'college\_math': 48.7741386232, 'response\_time\_task2': 1438.847856912, 'score\_math\_course2': 39.520893249}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 8.1616111752, 'practice\_task2': 9.7150099981, 'college\_math': 0.6628656151, 'response\_time\_task2': 1539.8832544408, 'score\_math\_course2': 13.2772437623}  Result: {u'iq': 109.221076625, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.79937604508, u'stress\_before\_test1': 950.2365040851}  Input data: {'score\_math\_course1': 52.9774085328, 'practice\_task2': 9.9356752126, 'college\_math': 46.8417791895, 'response\_time\_task2': 1180.2504636221, 'score\_math\_course2': 56.513891964}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 39.9128107028, 'practice\_task2': 15.486330524, 'college\_math': 31.1422822999, 'response\_time\_task2': 2194.0760181686, 'score\_math\_course2': 41.7675345181}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 8.7941925002, 'practice\_task2': 6.9202171451, 'college\_math': 0.0375835449, 'response\_time\_task2': 1617.2585553711, 'score\_math\_course2': 12.6375882893}  Result: {u'iq': 109.221076625, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.79937604508, u'stress\_before\_test1': 950.2365040851}  Input data: {'score\_math\_course1': 10.8772310345, 'practice\_task2': 9.6916887803, 'college\_math': 8.3375337264, 'response\_time\_task2': 2753.5089378435, 'score\_math\_course2': 17.9745010389}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 94.3796735669, 'practice\_task2': 1.5938004639, 'college\_math': 91.7303203445, 'response\_time\_task2': 2308.4407785694, 'score\_math\_course2': 103.1823373858}  Result: {u'iq': 102.31732844577999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 52.47255082758, u'stress\_before\_test1': 998.78318526999}  Input data: {'score\_math\_course1': 5.1613513096, 'practice\_task2': 7.2527766209, 'college\_math': 17.0190950573, 'response\_time\_task2': 2188.2460281906, 'score\_math\_course2': 14.8468759605}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 37.6023178329, 'practice\_task2': 11.7228066538, 'college\_math': 30.1656292917, 'response\_time\_task2': 2395.6755333844, 'score\_math\_course2': 43.4031165079}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 31.5862496358, 'practice\_task2': 10.8729936989, 'college\_math': 42.6418779843, 'response\_time\_task2': 2250.2192410897, 'score\_math\_course2': 32.2966476528}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 63.7361371161, 'practice\_task2': 6.114291918, 'college\_math': 71.1971646862, 'response\_time\_task2': 2227.4959122322, 'score\_math\_course2': 73.4436949731}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 47.8515278457, 'practice\_task2': 10.6622731826, 'college\_math': 66.2762563969, 'response\_time\_task2': 2192.2807659999, 'score\_math\_course2': 51.837860863}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 58.4713657936, 'practice\_task2': 11.7041053492, 'college\_math': 77.5122492806, 'response\_time\_task2': 1836.4236446992, 'score\_math\_course2': 66.3425948159}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 14.0713335692, 'practice\_task2': 8.1997926691, 'college\_math': 11.3424617553, 'response\_time\_task2': 2271.3592989551, 'score\_math\_course2': 17.4563320216}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 8.1821058525, 'practice\_task2': 8.066642788, 'college\_math': -0.9802150006, 'response\_time\_task2': 2061.0373072353, 'score\_math\_course2': 8.5285367139}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 3.6661713223, 'practice\_task2': 10.0900177108, 'college\_math': 6.1959829986, 'response\_time\_task2': 2551.1033657756, 'score\_math\_course2': 11.3954593849}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 84.2470159775, 'practice\_task2': 7.9436524258, 'college\_math': 84.4122609019, 'response\_time\_task2': 2106.6659721059, 'score\_math\_course2': 86.3013726075}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 77.7367387372, 'practice\_task2': 9.9938705656, 'college\_math': 89.8678551272, 'response\_time\_task2': 1568.0389666219, 'score\_math\_course2': 84.175108572}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 83.7012071421, 'practice\_task2': 10.6968635453, 'college\_math': 77.5381610541, 'response\_time\_task2': 1905.4699366325, 'score\_math\_course2': 92.3292154984}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 19.6252003929, 'practice\_task2': 11.0783004092, 'college\_math': 13.8231304581, 'response\_time\_task2': 2220.2062452521, 'score\_math\_course2': 25.863571997}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 59.4775523602, 'practice\_task2': 10.4196644413, 'college\_math': 66.3969555486, 'response\_time\_task2': 1701.1919788766, 'score\_math\_course2': 68.3882160957}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 66.9586441081, 'practice\_task2': 7.3345171246, 'college\_math': 76.7436583759, 'response\_time\_task2': 1814.625902737, 'score\_math\_course2': 74.6913695706}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 98.8554712322, 'practice\_task2': 10.0099016367, 'college\_math': 83.721630088, 'response\_time\_task2': 1359.3175941978, 'score\_math\_course2': 100.8901005082}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 75.7306828664, 'practice\_task2': 7.7532150682, 'college\_math': 63.6515827437, 'response\_time\_task2': 1629.9786000875, 'score\_math\_course2': 79.495899115}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 42.5305997459, 'practice\_task2': 8.1247293936, 'college\_math': 38.9139001654, 'response\_time\_task2': 1986.4897680661, 'score\_math\_course2': 43.269571743}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 59.4253758281, 'practice\_task2': 11.3786527323, 'college\_math': 63.3139980925, 'response\_time\_task2': 1907.8850747866, 'score\_math\_course2': 66.0484152692}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 43.4843228972, 'practice\_task2': 9.935165429, 'college\_math': 42.4855638696, 'response\_time\_task2': 2257.4023412366, 'score\_math\_course2': 49.3068479146}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 85.1992348244, 'practice\_task2': 11.8064262845, 'college\_math': 105.4383466671, 'response\_time\_task2': 1974.0947612144, 'score\_math\_course2': 94.7785694443}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 46.767896205, 'practice\_task2': 6.9641589898, 'college\_math': 47.8587228052, 'response\_time\_task2': 2528.6583302693, 'score\_math\_course2': 53.1646592061}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 23.6599556238, 'practice\_task2': 16.0924890492, 'college\_math': 32.6633322306, 'response\_time\_task2': 1690.6161424352, 'score\_math\_course2': 25.9456627814}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 60.395319982, 'practice\_task2': 10.1573126995, 'college\_math': 62.9650014579, 'response\_time\_task2': 2219.2132717296, 'score\_math\_course2': 66.7868899517}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 6.8205805249, 'practice\_task2': 14.1889378416, 'college\_math': 16.0538297337, 'response\_time\_task2': 2409.3199149454, 'score\_math\_course2': 7.4073104151}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 69.1813510389, 'practice\_task2': 6.1239721106, 'college\_math': 70.9273329972, 'response\_time\_task2': 2087.2090691753, 'score\_math\_course2': 74.1006537958}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 54.476217618, 'practice\_task2': 11.4919073414, 'college\_math': 58.3815291029, 'response\_time\_task2': 2119.4969453081, 'score\_math\_course2': 56.244377312}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 43.7127344399, 'practice\_task2': 7.5781565725, 'college\_math': 46.1575099866, 'response\_time\_task2': 1823.4368318216, 'score\_math\_course2': 50.8812268679}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 97.2979085534, 'practice\_task2': 13.365333159, 'college\_math': 84.0515475651, 'response\_time\_task2': 1998.3269951046, 'score\_math\_course2': 98.6386936847}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 33.6080028771, 'practice\_task2': 12.8855596497, 'college\_math': 10.9729180093, 'response\_time\_task2': 2627.5972605789, 'score\_math\_course2': 37.1281898047}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 44.6792816347, 'practice\_task2': 7.5741822921, 'college\_math': 37.1055868227, 'response\_time\_task2': 1426.0538461138, 'score\_math\_course2': 51.2343669124}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 42.7400635586, 'practice\_task2': 12.7433223767, 'college\_math': 50.9683550162, 'response\_time\_task2': 2439.8053130721, 'score\_math\_course2': 45.1666250017}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 20.6753134211, 'practice\_task2': 9.0065948168, 'college\_math': 29.0519249411, 'response\_time\_task2': 2598.4769653545, 'score\_math\_course2': 27.1553024645}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 12.8243515606, 'practice\_task2': 12.8991338797, 'college\_math': 34.5935654365, 'response\_time\_task2': 1643.6140270631, 'score\_math\_course2': 19.2626966641}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 58.8000757492, 'practice\_task2': 7.4851435151, 'college\_math': 51.4332360562, 'response\_time\_task2': 2033.07952422, 'score\_math\_course2': 62.557912661}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 97.2110197754, 'practice\_task2': 8.4417341855, 'college\_math': 90.4953177924, 'response\_time\_task2': 2876.6613093095, 'score\_math\_course2': 104.2351471391}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 51.8226789993, 'practice\_task2': 5.7758728597, 'college\_math': 42.9137604241, 'response\_time\_task2': 2294.6385888979, 'score\_math\_course2': 55.8920717456}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 77.2298186426, 'practice\_task2': 13.5254403851, 'college\_math': 75.2324523971, 'response\_time\_task2': 1681.7169979824, 'score\_math\_course2': 84.3041238459}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 89.0585701009, 'practice\_task2': 14.9423483825, 'college\_math': 76.4977548829, 'response\_time\_task2': 1155.5527080673, 'score\_math\_course2': 89.9082009639}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 28.7432973119, 'practice\_task2': 12.6574501282, 'college\_math': 12.2452740518, 'response\_time\_task2': 1889.8025097155, 'score\_math\_course2': 31.3846841417}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 60.0639115355, 'practice\_task2': 14.234614799, 'college\_math': 58.8946170073, 'response\_time\_task2': 1545.3014823236, 'score\_math\_course2': 68.1129293318}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 65.095885409, 'practice\_task2': 8.8413834152, 'college\_math': 82.8914467603, 'response\_time\_task2': 2382.3084067681, 'score\_math\_course2': 66.1962868473}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 79.8454933108, 'practice\_task2': 11.1662011511, 'college\_math': 72.5131478029, 'response\_time\_task2': 1432.9525533815, 'score\_math\_course2': 80.369666294}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 69.1602666674, 'practice\_task2': 15.5532854904, 'college\_math': 74.8805934643, 'response\_time\_task2': 2210.6063389918, 'score\_math\_course2': 70.822909714}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.742662720821, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 61.0308795124, 'practice\_task2': 12.7213206983, 'college\_math': 60.4803897693, 'response\_time\_task2': 1688.5135169086, 'score\_math\_course2': 62.8538737032}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 79.8167307912, 'practice\_task2': 12.9069643313, 'college\_math': 67.4711973442, 'response\_time\_task2': 2535.6092983957, 'score\_math\_course2': 83.2902553915}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 71.6071202252, 'practice\_task2': 8.6673135925, 'college\_math': 83.2992285721, 'response\_time\_task2': 1820.1847182124, 'score\_math\_course2': 75.8391945921}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 42.141129259, 'practice\_task2': 10.9999562879, 'college\_math': 44.3556225518, 'response\_time\_task2': 2195.5235319265, 'score\_math\_course2': 49.6425883388}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 97.7441851196, 'practice\_task2': 6.9390968478, 'college\_math': 100.9815270803, 'response\_time\_task2': 1929.0458785133, 'score\_math\_course2': 106.7927963713}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 57.7015289937, 'practice\_task2': 16.0045571244, 'college\_math': 54.5363702468, 'response\_time\_task2': 1269.7313958368, 'score\_math\_course2': 58.8705283816}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 68.6131366156, 'practice\_task2': 7.4194677648, 'college\_math': 66.0300621254, 'response\_time\_task2': 2033.7395035083, 'score\_math\_course2': 72.999031744}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 85.6181837481, 'practice\_task2': 9.5048925002, 'college\_math': 91.5859292219, 'response\_time\_task2': 1732.806181659, 'score\_math\_course2': 89.777120189}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 31.1942569232, 'practice\_task2': 10.5894960894, 'college\_math': 56.1754430384, 'response\_time\_task2': 1853.2428011684, 'score\_math\_course2': 38.4726091214}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 62.3581209136, 'practice\_task2': 10.4060950089, 'college\_math': 53.2851516201, 'response\_time\_task2': 2408.4177800755, 'score\_math\_course2': 62.6486009182}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 86.341405438, 'practice\_task2': 7.9002483539, 'college\_math': 77.0785061307, 'response\_time\_task2': 2703.4708746047, 'score\_math\_course2': 92.0374832598}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 60.720582268, 'practice\_task2': 7.9325992739, 'college\_math': 66.1485723446, 'response\_time\_task2': 2011.0369275865, 'score\_math\_course2': 64.3548136845}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 48.3730291494, 'practice\_task2': 13.4108676729, 'college\_math': 52.3001347942, 'response\_time\_task2': 2608.8810361142, 'score\_math\_course2': 56.5470824635}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 87.0255579269, 'practice\_task2': 13.0256675934, 'college\_math': 102.8067493705, 'response\_time\_task2': 2314.5311297926, 'score\_math\_course2': 89.0163244545}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 36.2571761734, 'practice\_task2': 11.8295202773, 'college\_math': 45.1221180406, 'response\_time\_task2': 1845.176919013, 'score\_math\_course2': 45.7084954227}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 52.0062100543, 'practice\_task2': 5.5598215097, 'college\_math': 46.9970337332, 'response\_time\_task2': 2373.4333077786, 'score\_math\_course2': 57.6173592643}  Result: {u'iq': 105.36944841415999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 54.52887825052, u'stress\_before\_test1': 1039.83563107399}  Input data: {'score\_math\_course1': 37.2382678352, 'practice\_task2': 10.0848102217, 'college\_math': 46.0804883795, 'response\_time\_task2': 1416.3390065269, 'score\_math\_course2': 44.2907000524}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 60.1413000214, 'practice\_task2': 10.5247939405, 'college\_math': 87.7356986163, 'response\_time\_task2': 2698.6896854339, 'score\_math\_course2': 66.4192646139}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 42.9701304538, 'practice\_task2': 8.7439826765, 'college\_math': 39.849328575, 'response\_time\_task2': 2018.8671208179, 'score\_math\_course2': 44.412582499}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 62.1146952093, 'practice\_task2': 6.7302305497, 'college\_math': 81.7032992338, 'response\_time\_task2': 2262.273417605, 'score\_math\_course2': 62.6984723785}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 53.8294764422, 'practice\_task2': 13.2926521847, 'college\_math': 60.6713914003, 'response\_time\_task2': 2309.3614312153, 'score\_math\_course2': 58.1480593677}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 91.6755603843, 'practice\_task2': 10.5582573834, 'college\_math': 93.9095570132, 'response\_time\_task2': 2758.1901538003, 'score\_math\_course2': 101.5216382716}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 59.1604158808, 'practice\_task2': 11.3824547787, 'college\_math': 52.5643860239, 'response\_time\_task2': 2300.6536965902, 'score\_math\_course2': 60.8868244723}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 28.4465080346, 'practice\_task2': 7.4089815673, 'college\_math': 32.6840458572, 'response\_time\_task2': 1894.3866521794, 'score\_math\_course2': 30.7304870975}  Result: {u'iq': 108.54096831183, u'score\_test1': 47.277913070073005, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 2.5508745844, 'practice\_task2': 4.6113635247, 'college\_math': -10.0614573109, 'response\_time\_task2': 1602.7425001626, 'score\_math\_course2': 7.0149314767}  Result: {u'iq': 106.04955672732999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 54.44901937012, u'stress\_before\_test1': 999.5429494804999}  Input data: {'score\_math\_course1': 90.2934565225, 'practice\_task2': 4.5571008398, 'college\_math': 101.8137365113, 'response\_time\_task2': 2358.8105323898, 'score\_math\_course2': 97.0021677779}  Result: {u'iq': 102.31732844577999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 52.47255082758, u'stress\_before\_test1': 998.78318526999}  Input data: {'score\_math\_course1': 62.105070008, 'practice\_task2': 6.5308735988, 'college\_math': 63.7818807484, 'response\_time\_task2': 1428.774375157, 'score\_math\_course2': 70.4305402352}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 84.7811374455, 'practice\_task2': 6.1926805081, 'college\_math': 104.8236728432, 'response\_time\_task2': 2600.6907178229, 'score\_math\_course2': 92.322544096}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 18.2554196471, 'practice\_task2': 8.4819467944, 'college\_math': 30.5456283823, 'response\_time\_task2': 1563.3790038133, 'score\_math\_course2': 26.5823272637}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 78.4778634515, 'practice\_task2': 10.4965279869, 'college\_math': 73.6149910766, 'response\_time\_task2': 1717.2447738011, 'score\_math\_course2': 79.0035957457}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 87.8115692141, 'practice\_task2': 11.7038323389, 'college\_math': 84.638251957, 'response\_time\_task2': 1576.676186442, 'score\_math\_course2': 95.633731283}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 84.9096892904, 'practice\_task2': 8.5715916282, 'college\_math': 87.7900715592, 'response\_time\_task2': 2086.9035297623, 'score\_math\_course2': 94.2399759954}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 31.5507246617, 'practice\_task2': 13.1153677763, 'college\_math': 32.2604960285, 'response\_time\_task2': 1363.2148486645, 'score\_math\_course2': 32.4892910703}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 63.7468924013, 'practice\_task2': 14.1322131195, 'college\_math': 56.6330780073, 'response\_time\_task2': 2158.1901646624, 'score\_math\_course2': 66.9098317914}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 13.4225596164, 'practice\_task2': 6.8271923528, 'college\_math': 11.6174229006, 'response\_time\_task2': 2546.2792619916, 'score\_math\_course2': 15.7684697749}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 78.2910303352, 'practice\_task2': 12.0973835377, 'college\_math': 88.9772431578, 'response\_time\_task2': 1848.4710676081, 'score\_math\_course2': 85.6246899301}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 88.2734075002, 'practice\_task2': 9.1963242883, 'college\_math': 86.6430574057, 'response\_time\_task2': 1994.7607357435, 'score\_math\_course2': 94.189520909}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 94.9150785871, 'practice\_task2': 12.463683009, 'college\_math': 100.1713455124, 'response\_time\_task2': 1782.9330487992, 'score\_math\_course2': 99.128806344}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 29.343476278, 'practice\_task2': 8.967143165, 'college\_math': 37.1577280959, 'response\_time\_task2': 2194.4962050294, 'score\_math\_course2': 33.3748939179}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 67.5928469019, 'practice\_task2': 13.1073320108, 'college\_math': 70.3594526994, 'response\_time\_task2': 2613.2187459277, 'score\_math\_course2': 74.8824733954}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.742662720821, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 64.3807036867, 'practice\_task2': 12.3771640669, 'college\_math': 65.6946755501, 'response\_time\_task2': 1124.9066323926, 'score\_math\_course2': 67.4256290398}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 33.8885196114, 'practice\_task2': 10.3718415848, 'college\_math': 34.2082117908, 'response\_time\_task2': 1506.7664718032, 'score\_math\_course2': 40.3815191172}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 85.5038104707, 'practice\_task2': 14.2088160634, 'college\_math': 93.3706904531, 'response\_time\_task2': 1426.995598539, 'score\_math\_course2': 94.3202486366}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 10.0710697861, 'practice\_task2': 5.8763901932, 'college\_math': 2.0442583095, 'response\_time\_task2': 2244.7280508014, 'score\_math\_course2': 10.876420873}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 87.0500011554, 'practice\_task2': 9.1104236051, 'college\_math': 94.1968868308, 'response\_time\_task2': 1773.1389404617, 'score\_math\_course2': 92.5251328803}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 1.7635167025, 'practice\_task2': 11.893628714, 'college\_math': -11.2569495664, 'response\_time\_task2': 1373.0131763529, 'score\_math\_course2': 2.7438765119}  Result: {u'iq': 109.221076625, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.79937604508, u'stress\_before\_test1': 950.2365040851}  Input data: {'score\_math\_course1': 33.3614710155, 'practice\_task2': 10.011510985, 'college\_math': 45.2664631516, 'response\_time\_task2': 2435.2576767278, 'score\_math\_course2': 43.0101344287}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 63.6675248914, 'practice\_task2': 10.8772618325, 'college\_math': 75.41264138, 'response\_time\_task2': 1864.5955479712, 'score\_math\_course2': 70.6446337481}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.742662720821, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 69.4822443412, 'practice\_task2': 5.7090699389, 'college\_math': 65.6683608284, 'response\_time\_task2': 1732.9883987375, 'score\_math\_course2': 70.0764511055}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 22.5726147625, 'practice\_task2': 8.5765894917, 'college\_math': 12.0631355655, 'response\_time\_task2': 1709.1197000941, 'score\_math\_course2': 24.9570962274}  Result: {u'iq': 111.51515155978, u'score\_test1': 49.577735872203, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 53.4778751151, 'practice\_task2': 10.953887122, 'college\_math': 75.4358717785, 'response\_time\_task2': 2238.3452597836, 'score\_math\_course2': 55.4140287775}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 76.8429361898, 'practice\_task2': 14.3318709486, 'college\_math': 71.3067123164, 'response\_time\_task2': 2615.4985931591, 'score\_math\_course2': 86.7736157109}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 54.2337485214, 'practice\_task2': 14.6436380786, 'college\_math': 41.6215835407, 'response\_time\_task2': 1416.6634772674, 'score\_math\_course2': 60.4357124886}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 78.7094699871, 'practice\_task2': 5.3463165124, 'college\_math': 98.8392634068, 'response\_time\_task2': 2278.997985892, 'score\_math\_course2': 87.4484387692}  Result: {u'iq': 102.31732844577999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 52.47255082758, u'stress\_before\_test1': 998.78318526999}  Input data: {'score\_math\_course1': 57.2953553854, 'practice\_task2': 13.3060538457, 'college\_math': 54.3486850174, 'response\_time\_task2': 1607.6759698324, 'score\_math\_course2': 58.5617149395}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 16.3998154409, 'practice\_task2': 10.8212306069, 'college\_math': 14.0136597458, 'response\_time\_task2': 2676.2827377799, 'score\_math\_course2': 24.7018658088}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 1.1131212579, 'practice\_task2': 4.1992565165, 'college\_math': -7.2789636948, 'response\_time\_task2': 1765.4269289192, 'score\_math\_course2': 9.3015234263}  Result: {u'iq': 108.34363166211, u'score\_test1': 50.0155023252, u'cognitive\_task2': 56.9060678125, u'stress\_before\_test1': 998.01608786049}  Input data: {'score\_math\_course1': 2.69596405, 'practice\_task2': 5.8178458543, 'college\_math': -9.0362012508, 'response\_time\_task2': 2366.6077316236, 'score\_math\_course2': 4.3888939535}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 54.3790781475, 'practice\_task2': 8.2248211367, 'college\_math': 40.6117690395, 'response\_time\_task2': 1970.4912600917, 'score\_math\_course2': 60.2420129604}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 79.642273599, 'practice\_task2': 11.0568691515, 'college\_math': 76.3031398813, 'response\_time\_task2': 1445.2558735576, 'score\_math\_course2': 80.2728831901}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 41.3629934299, 'practice\_task2': 8.6075633315, 'college\_math': 45.8823275367, 'response\_time\_task2': 1665.1447160547, 'score\_math\_course2': 50.5204600063}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 90.0142772549, 'practice\_task2': 14.6303708643, 'college\_math': 108.2142859164, 'response\_time\_task2': 1555.5421303888, 'score\_math\_course2': 98.9870473563}  Result: {u'iq': 103.19477340866999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 53.36585906016, u'stress\_before\_test1': 951.0036014945999}  Input data: {'score\_math\_course1': 69.4315321674, 'practice\_task2': 6.2230462699, 'college\_math': 71.9938162162, 'response\_time\_task2': 1594.440447442, 'score\_math\_course2': 77.9842608073}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 83.5757821535, 'practice\_task2': 6.4725401723, 'college\_math': 95.988670399, 'response\_time\_task2': 1923.7719630123, 'score\_math\_course2': 86.8358816851}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 51.5318501436, 'practice\_task2': 6.2249531151, 'college\_math': 65.9213243908, 'response\_time\_task2': 2356.1257960471, 'score\_math\_course2': 57.5399736802}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 93.904027845, 'practice\_task2': 11.839887616, 'college\_math': 97.3644194144, 'response\_time\_task2': 2194.2896770532, 'score\_math\_course2': 101.6348087431}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 33.5315721284, 'practice\_task2': 8.756952666, 'college\_math': 41.4998140741, 'response\_time\_task2': 1972.4376423971, 'score\_math\_course2': 38.0067118083}  Result: {u'iq': 108.54096831183, u'score\_test1': 47.71567952307, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 26.7979135518, 'practice\_task2': 11.1381525188, 'college\_math': 23.0040088091, 'response\_time\_task2': 1314.5546939407, 'score\_math\_course2': 36.601137646}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 49.7147788056, 'practice\_task2': 11.3836923279, 'college\_math': 53.2594625219, 'response\_time\_task2': 2142.860138809, 'score\_math\_course2': 51.2014567032}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 2.5723398149, 'practice\_task2': 10.2148758022, 'college\_math': 7.1367033596, 'response\_time\_task2': 2180.8253342759, 'score\_math\_course2': 7.8016327226}  Result: {u'iq': 111.51515155978, u'score\_test1': 50.0155023252, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 42.3620938936, 'practice\_task2': 8.4939366214, 'college\_math': 29.0073261562, 'response\_time\_task2': 2293.4118254894, 'score\_math\_course2': 48.9648095758}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 29.319076868, 'practice\_task2': 4.1023390623, 'college\_math': 31.4570761848, 'response\_time\_task2': 1973.5223612935, 'score\_math\_course2': 34.8953854286}  Result: {u'iq': 105.36944841415999, u'score\_test1': 49.577735872203, u'cognitive\_task2': 54.52887825052, u'stress\_before\_test1': 1039.83563107399}  Input data: {'score\_math\_course1': 45.0015859765, 'practice\_task2': 15.7199258601, 'college\_math': 66.8197965433, 'response\_time\_task2': 2212.439236574, 'score\_math\_course2': 49.5359716301}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 17.6297873682, 'practice\_task2': 15.7572016244, 'college\_math': 21.6424101398, 'response\_time\_task2': 1661.6229183774, 'score\_math\_course2': 20.2731500734}  Result: {u'iq': 106.24689337704999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.4221864831, u'stress\_before\_test1': 992.0560472986}  Input data: {'score\_math\_course1': 98.8071098365, 'practice\_task2': 8.1989166186, 'college\_math': 101.4455556512, 'response\_time\_task2': 1782.9536990799, 'score\_math\_course2': 101.6803917498}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 82.1309525666, 'practice\_task2': 13.0782745369, 'college\_math': 96.0793710019, 'response\_time\_task2': 1799.0756584696, 'score\_math\_course2': 87.7664030932}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 66.9776718456, 'practice\_task2': 13.185685187, 'college\_math': 72.2737889367, 'response\_time\_task2': 2212.7611342548, 'score\_math\_course2': 75.1594488274}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.742662720821, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 67.8355729394, 'practice\_task2': 11.0433730017, 'college\_math': 72.6776264951, 'response\_time\_task2': 1710.1017158426, 'score\_math\_course2': 72.7360253339}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 17.0504876266, 'practice\_task2': 13.7676642518, 'college\_math': 30.1549784144, 'response\_time\_task2': 2081.0193162487, 'score\_math\_course2': 19.6834955032}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 78.4713352104, 'practice\_task2': 9.1335935474, 'college\_math': 84.0688461183, 'response\_time\_task2': 1889.9831266826, 'score\_math\_course2': 88.1443582946}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 48.8428326743, 'practice\_task2': 10.1433803326, 'college\_math': 53.5404287301, 'response\_time\_task2': 2084.5273235355, 'score\_math\_course2': 53.1452027196}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 99.6420438618, 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 Input data: {'score\_math\_course1': 19.0777980026, 'practice\_task2': 10.9231770914, 'college\_math': 28.8766235483, 'response\_time\_task2': 2404.8966826361, 'score\_math\_course2': 22.3134554413}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 33.4279256461, 'practice\_task2': 12.9642541673, 'college\_math': 30.1450258818, 'response\_time\_task2': 2007.347338704, 'score\_math\_course2': 38.4305496777}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 40.6932925156, 'practice\_task2': 6.8541644134, 'college\_math': 39.8628281842, 'response\_time\_task2': 2954.0765635478, 'score\_math\_course2': 47.7086202709}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 30.166493563, 'practice\_task2': 9.2959593126, 'college\_math': 36.6322443568, 'response\_time\_task2': 1905.2233043783, 'score\_math\_course2': 35.6214445941}  Result: {u'iq': 108.54096831183, u'score\_test1': 47.71567952307, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 38.9184765895, 'practice\_task2': 12.1426777456, 'college\_math': 30.7866706483, 'response\_time\_task2': 2349.5720313401, 'score\_math\_course2': 44.8401892027}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.0155023252, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 17.2111275406, 'practice\_task2': 5.6618364633, 'college\_math': 8.650512201, 'response\_time\_task2': 2005.820182086, 'score\_math\_course2': 20.6770942695}  Result: {u'iq': 111.51515155978, u'score\_test1': 47.488333783713, u'cognitive\_task2': 60.25642448746, u'stress\_before\_test1': 948.7096424650899}  Input data: {'score\_math\_course1': 72.5934196033, 'practice\_task2': 10.5229563207, 'college\_math': 82.1929259113, 'response\_time\_task2': 2628.3770537491, 'score\_math\_course2': 79.8131112338}  Result: {u'iq': 105.48884834344999, u'score\_test1': 50.0155023252, u'cognitive\_task2': 55.822907502540005, u'stress\_before\_test1': 949.47673987459}  Input data: {'score\_math\_course1': 25.0445038937, 'practice\_task2': 3.7108700113, 'college\_math': 22.3140768266, 'response\_time\_task2': 2057.7449751384, 'score\_math\_course2': 25.5618520007}  Result: {u'iq': 105.36944841415999, u'score\_test1': 49.577735872203, u'cognitive\_task2': 54.52887825052, u'stress\_before\_test1': 1039.83563107399}  Input data: {'score\_math\_course1': 62.3318676886, 'practice\_task2': 10.5763481266, 'college\_math': 81.2770354036, 'response\_time\_task2': 2007.0248383851, 'score\_math\_course2': 69.1665274489}  Result: {u'iq': 108.54096831183, u'score\_test1': 50.742662720821, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  Input data: {'score\_math\_course1': 20.7943892688, 'practice\_task2': 14.3006767944, 'college\_math': 40.2468787532, 'response\_time\_task2': 1910.9994730101, 'score\_math\_course2': 28.8806950743}  Result: {u'iq': 108.54096831183, u'score\_test1': 47.71567952307, u'cognitive\_task2': 57.87923492548, u'stress\_before\_test1': 990.52918567859}  [ OK ] - This is a valid PFA document!  Stopping the containers...  Stopping tests\_db\_1 ... done  Removing tests\_pfa\_validator\_regression\_mt\_run\_1 ... done  Removing tests\_pfa\_validator\_regression\_st\_run\_1 ... done  Removing tests\_clus\_fire\_regression\_mt\_run\_1 ... done  Removing tests\_clus\_fire\_regression\_st\_run\_1 ... done  Removing tests\_woken\_db\_setup\_run\_1 ... done  Removing tests\_sample\_data\_db\_setup\_run\_1 ... done  Removing tests\_create\_dbs\_run\_1 ... done  Removing tests\_wait\_dbs\_run\_1 ... done  Removing tests\_db\_1 ... done  Removing network tests\_default  Stopping the containers...  Removing network tests\_default  WARNING: Network tests\_default not found. |