

covid_status

September 18, 2021

```
[54]: import pandas as pd
import numpy as np
import csv
import sys
import os

load("conjecturing.py")
dataloc = "/home/jpbrooks/craigdata/learning/2020_06_fda_vha/"
myskips = "0.9" # percentage of missing data to allow in a column

my_dump = True # if True, dump to pickle files in directory pickle/
my_pickle = False # if True, read from pickle files in directory pickle/

if my_dump == True and my_pickle == True:
    print("You can't dump while pickling. You should dump before you pickle.")
    sys.exit()

if my_dump == True:
    try:
        os.mkdir('pickle')
    except:
        print("pickle directory already exists")
```

pickle directory already exists

1 Load data.

```
[7]: if my_pickle == False:
    allergies = pd.read_csv(dataloc+"train/allergies.csv.bz2",
                           parse_dates=["START", "STOP"])
    care_plans = pd.read_csv(dataloc+"train/careplans.csv.bz2",
                             parse_dates=["START", "STOP"])
    conditions = pd.read_csv(dataloc+"train/conditions.csv.bz2",
                              parse_dates=["START", "STOP"])
    devices = pd.read_csv(dataloc+"train/devices.csv.bz2",
                           parse_dates=["START", "STOP"])
```

```

encounters = pd.read_csv(dataloc+"train/encounters.csv.bz2",
                        parse_dates=["START", "STOP"])
imaging_studies = pd.read_csv(dataloc+"train/imaging_studies.csv.bz2",
                             parse_dates=["DATE"])
immunizations = pd.read_csv(dataloc+"train/immunizations.csv.bz2",
                             parse_dates=["DATE"])
medications = pd.read_csv(dataloc+"train/medications.csv.bz2",
                          parse_dates=["START", "STOP"])
observations = pd.read_csv(dataloc+"train/observations.csv.bz2",
                           parse_dates=["DATE"])
#organizations = pd.read_csv("train/organizations.csv")

#payers = pd.read_csv("train/payers.csv")
#payer_transitions = pd.read_csv("train/payer_transitions.csv")
procedures = pd.read_csv(dataloc+"train/procedures.csv.bz2",
                         parse_dates=["DATE"])
#providers = pd.read_csv("train/providers.csv")
#supplies = pd.read_csv("train/supplies.csv",
#                       parse_dates=["DATE"])
#

```

```

[9]: if my_pickle == False:
      patients = pd.read_csv(dataloc+"train/patients.csv.bz2",
                           parse_dates=["BIRTHDATE", "DEATHDATE"])

```

```

[10]: if my_dump == True:
      import pickle
      pickle.dump(allergies, open("pickle/allergies.p", "wb"))
      pickle.dump(care_plans, open("pickle/care_plans.p", "wb"))
      pickle.dump(conditions, open("pickle/conditions.p", "wb"))
      pickle.dump(devices, open("pickle/devices.p", "wb"))
      pickle.dump(encounters, open("pickle/encounters.p", "wb"))
      pickle.dump(imaging_studies, open("pickle/imaging_studies.p", "wb"))
      pickle.dump(immunizations, open("pickle/immunizations.p", "wb"))
      pickle.dump(medications, open("pickle/medications.p", "wb"))
      pickle.dump(observations, open("pickle/observations.p", "wb"))
      pickle.dump(procedures, open("pickle/procedures.p", "wb"))
      pickle.dump(patients, open("pickle/patients.p", "wb"))

```

```

[11]: if my_pickle == True:
      import pickle
      try:
          allergies = pickle.load(open("pickle/allergies.p", "rb"))
          care_plans = pickle.load(open("pickle/care_plans.p", "rb"))
          conditions = pickle.load(open("pickle/conditions.p", "rb"))
          devices = pickle.load(open("pickle/devices.p", "rb"))
          encounters = pickle.load(open("pickle/encounters.p", "rb"))
          imaging_studies = pickle.load(open("pickle/imaging_studies.p", "rb"))

```

```

immunizations = pickle.load(open("pickle/immunizations.p", "rb"))
medications = pickle.load(open("pickle/medications.p", "rb"))
observations = pickle.load(open("pickle/observations.p", "rb"))
procedures = pickle.load(open("pickle/procedures.p", "rb"))
patients = pickle.load(open("pickle/patients.p", "rb"))
except:
    print("You need to dump before you pickle. Did you dump first?")

```

2 IDs for Target

```

[12]: #diagnosed patients
covid_patient_ids = conditions[conditions.CODE == 840539006].PATIENT.unique()

# negative tests
negative_covid_patient_ids = frozenset(observations[(observations.
    ↳CODE=='94531-1') &
                                     (observations.VALUE == 'Not detected_
    ↳(qualifier value)')]).PATIENT.unique())
#hospitalized patients
inpatient_ids = frozenset(encounters[(encounters.REASONCODE == 840539006) &
    (encounters.CODE==1505002)].PATIENT)
# deceased patients
deceased_ids = frozenset(np.intersect1d(covid_patient_ids, patients[patients.
    ↳DEATHDATE.notna()]).Id))
# ventilated patients
vent_ids = frozenset(procedures[(procedures.CODE == 26763009) &
    (procedures.PATIENT.isin(covid_patient_ids))].PATIENT)
# ICU patients
icu_ids = frozenset(encounters[(encounters.CODE == 305351004) &
    (encounters.PATIENT.isin(covid_patient_ids))].PATIENT)

covid_patient_ids = frozenset(covid_patient_ids)

```

Calculate days hospitalized and days in ICU.

```

[13]: encounters["STOP_NEW"] = encounters["STOP"]
encounters["LENGTH"] = (encounters["STOP_NEW"] - encounters["START"]) / np.
    ↳timedelta64(int(1), "D")

hospital_days = (
    encounters[["PATIENT", "LENGTH", "REASONCODE", "CODE"]]
    .loc[(encounters.REASONCODE == 840539006) &
         (encounters.CODE==1505002)]
    .groupby("PATIENT")["LENGTH"]
    .sum()
)

```

```

).to_dict()

icu_days = (
    encounters[["PATIENT", "LENGTH", "REASONCODE", "CODE"]]
    .loc[(encounters.CODE == 305351004) &
         (encounters.PATIENT.isin(covid_patient_ids))]
    .groupby("PATIENT")["LENGTH"]
    .sum()
).to_dict()

```

3 Data Prep

3.1 Patients

Calculate current age (for deceased, age if they were alive)

```

[14]: current_age = pd.to_datetime('2020-01-01') - patients["BIRTHDATE"]
      patients["Age"] = current_age
      patients["Age"] = patients["Age"] / np.timedelta64(int(1), 'Y')

```

Remove people who died before January 1st, 2020.

```

[15]: dead_patients = patients.loc[patients["DEATHDATE"] < pd.
      ↪to_datetime('2020-01-01'),
      "Id"]

patients = patients.drop(
    patients.loc[patients["DEATHDATE"] < pd.to_datetime('2020-01-01'),
                 "Id"]
    .index
)

patients_dict = patients.copy()
patients_dict = patients_dict.set_index("Id")
patients_dict = patients_dict.to_dict()

```

3.2 Allergies

Drop allergies that start after 2020.

```

[16]: allergies = allergies.drop(
      allergies[allergies["START"] >= pd.to_datetime('2020-01-01')]
      .index
)

```

```
allergies = allergies.drop(
    allergies[allergies["PATIENT"].isin(dead_patients)]
    .index
)
```

Number of allergies for a patient.

```
[17]: num_allergies = allergies[["PATIENT", "START"]].groupby(["PATIENT"]).count()
vets_with_allergies = allergies["PATIENT"].unique()

num_allergies_dict = num_allergies.to_dict()
```

3.3 Care Plans

Remove COVID-related care plans from care plans.

```
[18]: care_plans = care_plans.drop(
    care_plans[care_plans["REASONCODE"]
    .isin(["840544004", "840539006"])]
    .index
)
```

Remove care plans that start after 2020.

```
[19]: care_plans = care_plans.drop(
    care_plans[care_plans["START"] >= pd.to_datetime('2020-01-01')]
    .index
)

care_plans = care_plans.drop(
    care_plans[care_plans["PATIENT"].isin(dead_patients)]
    .index
)
```

Number of active care plans. Time on active care plans. Lifetime care plans. Total length of time on care plans.

```
[20]: active_care_plans = (
    care_plans[["PATIENT", "CODE", "STOP"]]
    .loc[care_plans["STOP"].isnull()]
    .groupby("PATIENT")
    .count()
    .loc[:, "CODE"]
)

lifetime_care_plans = (
```

```

care_plans[["PATIENT", "CODE", "STOP"]]
    .groupby("PATIENT")
    .count()
    .loc[:, "CODE"]
)

care_plans["STOP_NEW"] = care_plans["STOP"]
care_plans.loc[care_plans["STOP"].isnull(), "STOP_NEW"] = pd.
    ↳to_datetime('2020-01-01')
care_plans["LENGTH"] = (care_plans["STOP_NEW"] - care_plans["START"]) / np.
    ↳timedelta64(int(1), "Y")

active_care_plan_length = (
care_plans[["PATIENT", "CODE", "STOP", "START", "LENGTH"]]
    .loc[care_plans["STOP"].isnull()]
    .groupby("PATIENT")["LENGTH"]
    .max()
)

lifetime_care_plan_length = (
    care_plans[["PATIENT", "LENGTH"]]
    .groupby("PATIENT")["LENGTH"]
    .sum()
)

```

3.4 Conditions

Drop COVID-related conditions.

```

[21]: conditions = conditions.drop(
        conditions[conditions["DESCRIPTION"]
            .isin(["840544004", "840539006"])]
        .index
    )

```

Drop conditions beginning in 2020.

```

[22]: conditions = conditions.drop(
        conditions[conditions["START"] >= pd.to_datetime('2020-01-01')]
        .index
    )

conditions = conditions.drop(
    conditions[conditions["PATIENT"].isin(dead_patients)]
    .index
)

```

Active and lifetime conditions.

```
[23]: active_conditions = (
    conditions[["PATIENT", "CODE", "STOP"]]
    .loc[conditions["STOP"].isnull()]
    .groupby("PATIENT")
    .count()
    .loc[:, "CODE"]
)

lifetime_conditions = (
    conditions[["PATIENT", "CODE", "STOP"]]
    .groupby("PATIENT")
    .count()
    .loc[:, "CODE"]
)

conditions["STOP_NEW"] = conditions["STOP"]
conditions.loc[conditions["STOP"].isnull(), "STOP_NEW"] = pd.
    to_datetime('2020-01-01')
conditions["LENGTH"] = (
    conditions["STOP_NEW"] - conditions["START"]) / np.timedelta64(int(1), "Y")

active_condition_length = (
    conditions[["PATIENT", "CODE", "STOP", "START", "LENGTH"]]
    .loc[conditions["STOP"].isnull()]
    .groupby("PATIENT")["LENGTH"]
    .max()
)

lifetime_condition_length = (
    conditions[["PATIENT", "LENGTH"]]
    .groupby("PATIENT")["LENGTH"]
    .sum()
)
```

3.5 Devices

Drop devices before 2020. Calculate time spent on a device in lifetime.

```
[24]: devices["STOP_NEW"] = devices["STOP"]
devices.loc[devices["STOP"].isnull(), "STOP_NEW"] = pd.to_datetime('2020-01-01')
devices["LENGTH"] = (
    devices["STOP_NEW"] - devices["START"]) / np.timedelta64(int(1), "Y")
devices = devices.drop(
    devices[devices["START"] >= pd.to_datetime('2020-01-01')]
    .index)
```

```

)

device_lifetime_length = (
    devices[["PATIENT", "LENGTH"]]
    .groupby("PATIENT")["LENGTH"]
    .sum()
)

devices = devices.drop(
    devices[devices["PATIENT"].isin(dead_patients)]
    .index
)

```

3.6 Encounters

Drop encounters after 2020. Calculate number of encounters, lifetime total cost of encounters, lifetime base cost, lifetime payer coverage.

```

[25]: if my_pickle == False:
    encounters = encounters.drop(
        encounters[encounters["START"] >= pd.to_datetime('2020-01-01T00:00Z')]
        .index
    )

    encounters = encounters.drop(
        encounters[encounters["PATIENT"].isin(dead_patients)]
        .index
    )

    encounters_count = (
        encounters[["PATIENT", "CODE"]]
        .groupby("PATIENT")
        .count()
        .loc[:, "CODE"]
    )

    encounters_lifetime_total_cost = (
        encounters[["PATIENT", "TOTAL_CLAIM_COST"]]
        .groupby("PATIENT")["TOTAL_CLAIM_COST"]
        .sum()
    )

    encounters_lifetime_base_cost = (
        encounters[["PATIENT", "BASE_ENCOUNTER_COST"]]
        .groupby("PATIENT")["BASE_ENCOUNTER_COST"]
        .sum()
    )

```



```

    )

    encounters_lifetime_payer_coverage = (
        encounters[["PATIENT", "PAYER_COVERAGE"]]
        .groupby("PATIENT")["PAYER_COVERAGE"]
        .sum()
    )

    def divide_sum_enc(df_sub):
        return df_sub["PAYER_COVERAGE"].sum()/float(df_sub["TOTAL_CLAIM_COST"] .
↪sum())

    encounters_lifetime_perc_covered = (
        encounters[["PATIENT", "PAYER_COVERAGE", "TOTAL_CLAIM_COST"]]
        .groupby("PATIENT").apply(divide_sum_enc)
    )

```

```

[26]: if my_dump == True:
        pickle.dump(encounters_count, open("pickle/encounters_count.p", "wb"))
        pickle.dump(encounters_lifetime_total_cost, open("pickle/
↪encounters_lifetime_total_cost.p", "wb"))
        pickle.dump(encounters_lifetime_base_cost, open("pickle/
↪encounters_lifetime_base_cost.p", "wb"))
        pickle.dump(encounters_lifetime_payer_coverage, open("pickle/
↪encounters_lifetime_payer_coverage.p", "wb"))
        pickle.dump(encounters_lifetime_perc_covered, open("pickle/
↪encounters_lifetime_perc_covered.p", "wb"))

```

```

[27]: if my_pickle == True:
        encounters_count = pickle.load(open("pickle/encounters_count.p", "rb"))
        encounters_lifetime_total_cost = pickle.load(open("pickle/
↪encounters_lifetime_total_cost.p", "rb"))
        encounters_lifetime_base_cost = pickle.load(open("pickle/
↪encounters_lifetime_base_cost.p", "rb"))
        encounters_lifetime_payer_coverage = pickle.load(open("pickle/
↪encounters_lifetime_payer_coverage.p", "rb"))
        encounters_lifetime_perc_covered = pickle.load(open("pickle/
↪encounters_lifetime_perc_covered.p", "rb"))

```

3.7 Imaging Studies

Drop imaging studies after 2020. Lifetime number of imaging studies.

```

[28]: imaging_studies = imaging_studies.drop(
        imaging_studies[imaging_studies["DATE"] >= pd.to_datetime('2020-01-01')]
        .index
    )

```

```

)

imaging_studies = imaging_studies.drop(
    imaging_studies[imaging_studies["PATIENT"].isin(dead_patients)]
    .index
)

imaging_studies_lifetime = (
    imaging_studies[["PATIENT", "ENCOUNTER"]]
    .groupby("PATIENT")
    .count()
    .loc[:, "ENCOUNTER"]
)

```

3.8 Immunizations

Drop immunizations after 2020. Lifetime number of immunizations and cost.

```

[29]: immunizations = immunizations.drop(
    immunizations[immunizations["DATE"] >= pd.to_datetime('2020-01-01')]
    .index
)

immunizations = immunizations.drop(
    immunizations[immunizations["PATIENT"].isin(dead_patients)]
    .index
)

immunizations_lifetime = (
    immunizations[["PATIENT", "CODE"]]
    .groupby("PATIENT")
    .count()
    .loc[:, "CODE"]
)

immunizations_lifetime_cost = (
    immunizations[["PATIENT", "BASE_COST"]]
    .groupby("PATIENT")["BASE_COST"]
    .sum()
)

```

3.9 Medications

Remove medications after 2020. Calculate lifetime medications, cost, and length.

```

[30]: if my_pickle == False:
        medications["STOP_NEW"] = medications["STOP"]
        medications.loc[medications["STOP"].isnull(), "STOP_NEW"] = pd.
        ↳to_datetime('2020-01-01')
        medications["LENGTH"] = (
            medications["STOP_NEW"] - medications["START"]) / np.
        ↳timedelta64(int(1), "W")
        medications = medications.drop(
            medications[medications["START"] >= pd.to_datetime('2020-01-01')]
            .index
        )

        medications = medications.drop(
            medications[medications["PATIENT"].isin(dead_patients)]
            .index
        )

        medications_lifetime = (
            medications[["PATIENT", "CODE"]]
            .groupby("PATIENT")
            .count()
            .loc[:, "CODE"]
        )

        medications_lifetime_cost = (
            medications[["PATIENT", "TOTALCOST"]]
            .groupby("PATIENT")["TOTALCOST"]
            .sum()
        )

        def divide_sum_med(df_sub):
            return df_sub["PAYER_COVERAGE"].sum()/float(df_sub["BASE_COST"].sum())

        medications_lifetime_perc_covered = (
            medications[["PATIENT", "PAYER_COVERAGE", "BASE_COST"]]
            .groupby("PATIENT").apply(divide_sum_med)
        )

        medications_lifetime_length = (
            medications[["PATIENT", "LENGTH"]]
            .groupby("PATIENT")["LENGTH"]
            .sum()
        )

        medications_lifetime_dispenses = (
            medications[["PATIENT", "DISPENSES"]]

```

```

        .groupby("PATIENT")["DISPENSES"]
        .sum()
    )
    medications_active = (
        medications[["PATIENT", "CODE", "STOP"]]
        .loc[medications["STOP"].isnull()]
        .groupby("PATIENT")
        .count()
        .loc[:, "CODE"]
    )

```

```

[31]: if my_dump == True:
    pickle.dump(medications_lifetime, open("pickle/medications_lifetime.p",
↪"wb"))
    pickle.dump(medications_lifetime_cost, open("pickle/
↪medications_lifetime_cost.p", "wb"))
    pickle.dump(medications_lifetime_perc_covered, open("pickle/
↪medications_lifetime_perc_covered.p", "wb"))
    pickle.dump(medications_lifetime_length, open("pickle/
↪medications_lifetime_length.p", "wb"))
    pickle.dump(medications_lifetime_displays, open("pickle/
↪medications_lifetime_displays.p", "wb"))
    pickle.dump(medications_active, open("pickle/medications_active.p", "wb"))

```

```

[32]: if my_pickle == True:
    medications_lifetime = pickle.load(open("pickle/medications_lifetime.p",
↪"rb"))
    medications_lifetime_cost = pickle.load(open("pickle/
↪medications_lifetime_cost.p", "rb"))
    medications_lifetime_perc_covered = pickle.load(open("pickle/
↪medications_lifetime_perc_covered.p", "rb"))
    medications_lifetime_length = pickle.load(open("pickle/
↪medications_lifetime_length.p", "rb"))
    medications_lifetime_displays = pickle.load(open("pickle/
↪medications_lifetime_displays.p", "rb"))
    medications_active = pickle.load(open("pickle/medications_active.p", "rb"))

```

3.10 Observations

Remove observations after 2020.

```

[33]: observations = observations.drop(
    observations[observations["DATE"] >= pd.to_datetime('2020-01-01')]
    .index)

```

```

observations = observations.drop(
    observations[observations["PATIENT"].isin(dead_patients)]
    .index
)

```

```

[34]: # get most recent observation
obs_nominal_data = (
    observations[["DATE", "PATIENT", "CODE", "VALUE", "DESCRIPTION", "TYPE"]]
    .loc[observations["TYPE"] == 'text',:]
    .sort_values("DATE")
    .groupby(["PATIENT", "DESCRIPTION"])
    .tail(1)
)
obs_nominal_data["DESC"] = (
    obs_nominal_data["DESCRIPTION"].str
    .replace(" ", "_", regex=True)
    .replace(r"\[", "_", regex=True)
    .replace(r"\.", "_", regex=True)
    .replace(r"\(", "_", regex=True)
    .replace(r"-", "_", regex=True)
    .replace(r"\/", "_", regex=True)
    .replace(r"\]", "_", regex=True)
    .replace(r"\)", "_", regex=True)
    .replace(r"\+", "_", regex=True)
    .replace(r"\#", "_", regex=True)
)
obs_nominal_data["VALUE"] = (
    obs_nominal_data["VALUE"].str
    .replace(" ", "_", regex=True)
    .replace(r"\[", "_", regex=True)
    .replace(r"\.", "_", regex=True)
    .replace(r"\(", "_", regex=True)
    .replace(r"-", "_", regex=True)
    .replace(r"\/", "_", regex=True)
    .replace(r"\]", "_", regex=True)
    .replace(r"\)", "_", regex=True)
    .replace(r"\+", "_", regex=True)
    .replace(r"\#", "_", regex=True)
)
obs_nominal_data["PROPS"] = obs_nominal_data["DESC"].astype(str) +_
    ↪ obs_nominal_data["VALUE"].astype(str)
obs_props = list(obs_nominal_data["PROPS"].unique())
obs_tuples = frozenset(zip(obs_nominal_data["PATIENT"],_
    ↪ obs_nominal_data["PROPS"]))

print(len(obs_props))

```

```
#####
obs_nominal_names = list(obs_nominal_data["DESC"].unique())
obs_nominal_dict = (
    obs_nominal_data
    .pivot(index="PATIENT", columns="DESC", values="VALUE")
    .stack()
    .to_dict()
)
#####

# use get_dummies to convert to one-hot
#obs_nominal_data = pd.get_dummies(obs_nominal_data, dummy_na=True)

#obs_nominal_data.to_csv("train_nominal_dummies.csv", quoting=csv.
    ↳QUOTE_NONNUMERIC)
#obs_nominal_data.head()
```

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```
[35]: if my_pickle == False:
    # get most recent observation
    obs_data = (
        observations[["DATE", "PATIENT", "CODE", "VALUE", "DESCRIPTION", "TYPE"]]
        .loc[observations["TYPE"] == 'numeric',:]
        .sort_values("DATE")
        .groupby(["PATIENT", "DESCRIPTION"])
        .tail(1)
    )
```

```
[36]: if my_pickle == False:
    # get lifetime average of continuous observations
    obs_mean_data = (
        observations[["PATIENT", "CODE", "VALUE", "DESCRIPTION", "TYPE"]]
        .loc[observations["TYPE"] == "numeric", :]
        .groupby(["PATIENT", "DESCRIPTION"])
        .apply(lambda x: x["VALUE"].astype(float).mean())
        .reset_index()
        .rename(columns={0:"VALUE"})
    )
```

```
[37]: if my_pickle == False:
    # use eligible descriptions
    obs_data["DESC"] = (
        obs_data["DESCRIPTION"].str
        .replace(" ", "_", regex=True)
        .replace(r"\[", "_", regex=True)
        .replace(r"\.", "_", regex=True)
```

```

        .replace(r"\(", "_", regex=True)
        .replace(r"-", "_", regex=True)
        .replace(r"\/", "_", regex=True)
        .replace(r"\]", "_", regex=True)
        .replace(r"\)", "_", regex=True)
        .replace(r"\+", "_", regex=True)
        .replace(r"\#", "_", regex=True)
    )
    obs_numeric = list(obs_data["DESC"].unique())
    obs_mean_data["DESC"] = (
        obs_mean_data["DESCRIPTION"].str
        .replace(" ", "_", regex=True)
        .replace(r"\[", "_", regex=True)
        .replace(r"\.", "_", regex=True)
        .replace(r"\(", "_", regex=True)
        .replace(r"-", "_", regex=True)
        .replace(r"\/", "_", regex=True)
        .replace(r"\]", "_", regex=True)
        .replace(r"\)", "_", regex=True)
        .replace(r"\+", "_", regex=True)
        .replace(r"\#", "_", regex=True)
    )
    obs_mean_data["DESC"] = "mean_" + obs_mean_data["DESC"].astype(str)
    obs_numeric_mean = list(obs_mean_data["DESC"].unique())

```

```

[38]: if my_dump == True:
    pickle.dump(obs_data, open("pickle/obs_data.p", "wb"))
    pickle.dump(obs_mean_data, open("pickle/obs_mean_data.p", "wb"))
    pickle.dump(obs_numeric, open("pickle/obs_numeric.p", "wb"))
    pickle.dump(obs_numeric_mean, open("pickle/obs_numeric_mean.p", "wb"))

```

```

[39]: if my_pickle == True:
    obs_data = pickle.load(open("pickle/obs_data.p", "rb"))
    obs_mean_data = pickle.load(open("pickle/obs_mean_data.p", "rb"))
    obs_numeric = pickle.load(open("pickle/obs_numeric.p", "rb"))
    obs_numeric_mean = pickle.load(open("pickle/obs_numeric_mean.p", "rb"))
    print(len(obs_numeric))
    print(len(obs_numeric_mean))

```

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```

[42]: if my_pickle == False:
    obs_dict = (
        obs_data[["PATIENT", "DESC", "VALUE"]]
        .pivot(index="PATIENT", columns="DESC", values="VALUE")
        .stack()
    )

```

```

        .to_dict()
    )

    obs_mean_dict = (
        obs_mean_data[["PATIENT", "DESC", "VALUE"]]
        .pivot(index="PATIENT", columns="DESC", values="VALUE")
        .stack()
        .to_dict()
    )

```

```

[43]: if my_pickle == True:
        obs_dict = pickle.load(open("pickle/obs_dict.p", "rb"))
        obs_mean_dict = pickle.load(open("pickle/obs_mean_dict.p", "rb"))

```

```

[44]: if my_dump == True:
        pickle.dump(obs_dict, open("pickle/obs_dict.p", "wb"))
        pickle.dump(obs_mean_dict, open("pickle/obs_mean_dict.p", "wb"))

```

```

[45]: obs_dict = pickle.load(open("pickle/obs_dict.p", "rb"))
        obs_mean_dict = pickle.load(open("pickle/obs_mean_dict.p", "rb"))

```

3.11 Procedures

Drop procedures from 2020. Count lifetime procedures. Add procedure cost.

```

[46]: procedures = procedures.drop(
        procedures[procedures["DATE"] >= pd.to_datetime('2020-01-01')]
        .index
    )

    procedures = procedures.drop(
        procedures[procedures["PATIENT"].isin(dead_patients)]
        .index
    )

    procedures_lifetime = (
        procedures[["PATIENT", "CODE"]]
        .groupby("PATIENT")
        .count()
        .loc[:, "CODE"]
    )

    procedures_lifetime_cost = (
        procedures[["PATIENT", "BASE_COST"]]
        .groupby("PATIENT")["BASE_COST"]
        .sum()
    )

```



```
)
```

4 Properties

4.1 Allergies

```
[47]: allergy_data = (
    allergies[["STOP", "PATIENT", "DESCRIPTION"]]
    .loc[allergies["STOP"].isnull(),:]
)

# Create legible names
allergy_data["DESC"] = (
    allergy_data["DESCRIPTION"].str[:25]
    .replace(" ", "_", regex=True)
    .replace(r"\[", "_", regex=True)
    .replace(r"\.", "_", regex=True)
    .replace(r"\(", "_", regex=True)
    .replace(r"-", "_", regex=True)
    .replace(r"\/", "_", regex=True)
    .replace(r"\]", "_", regex=True)
    .replace(r"\)", "_", regex=True)
    .replace(r"\+", "_", regex=True)
    .replace(r"#", "_", regex=True)
)
allergy_names = list(allergy_data["DESC"].unique())
allergy_tuples = frozenset(zip(allergy_data["PATIENT"], allergy_data["DESC"]))
print(len(allergy_names))
```

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4.2 Devices

```
[48]: device_data = (
    devices[["STOP", "PATIENT", "DESCRIPTION"]]
    .loc[devices["STOP"].isnull(),:]
)

# Create legible names
device_data["DESC"] = (
    device_data["DESCRIPTION"].str[:25]
    .replace(" ", "_", regex=True)
    .replace(r"\[", "_", regex=True)
    .replace(r"\.", "_", regex=True)
```

```

.replace(r"\(", "_", regex=True)
.replace(r"-", "_", regex=True)
.replace(r"\/", "_", regex=True)
.replace(r"\]", "_", regex=True)
.replace(r"\)", "_", regex=True)
.replace(r"\+", "_", regex=True)
.replace(r"\#", "_", regex=True)
)
device_names = list(device_data["DESC"].unique())
device_tuples = frozenset(zip(device_data["PATIENT"], device_data["DESC"]))
print(len(device_names))

```

3

4.3 Active Conditions

```

[49]: # Check active conditions in test file
conditions_test = pd.read_csv("test/conditions.csv",
                             parse_dates=["START", "STOP"])

cond_count = (
    conditions_test[["STOP", "DESCRIPTION", "CODE"]]
    .loc[conditions_test["STOP"].isnull()]
    .groupby("CODE")
    .count()
    .reset_index()
    .sort_values(by="DESCRIPTION", ascending=False)
)

# keep active conditions where there are at least 1 patients in the test set
cond_keep = cond_count.loc[cond_count["DESCRIPTION"] >= 1, "CODE"]

cond_data = (
    conditions[["STOP", "PATIENT", "CODE", "DESCRIPTION"]]
    .loc[conditions["CODE"].isin(cond_keep) &
         conditions["STOP"].isnull(),:]
)

# Create legible names
cond_data["DESC"] = (
    cond_data["DESCRIPTION"].str[:25]
    .replace(" ", "_", regex=True)
    .replace(r"\[", "_", regex=True)
    .replace(r"\.", "_", regex=True)
    .replace(r"\(", "_", regex=True)
    .replace(r"-", "_", regex=True)
)

```

```

        .replace(r"\/", "_", regex=True)
        .replace(r"\]", "_", regex=True)
        .replace(r"\)", "_", regex=True)
        .replace(r"\+", "_", regex=True)
        .replace(r"\#", "_", regex=True)
    )
    cond_names = list(cond_data["DESC"].unique())

    cond_tuples = frozenset(zip(cond_data["PATIENT"], cond_data["DESC"]))

    print(len(cond_names))

```

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[]:

4.4 Immunizations

```

[50]: # Create legible names
immunizations["DESC"] = (
    immunizations["DESCRIPTION"].str[:25]
    .replace(" ", "_", regex=True)
    .replace(r"\[", "_", regex=True)
    .replace(r"\.", "_", regex=True)
    .replace(r"\(", "_", regex=True)
    .replace(r"-", "_", regex=True)
    .replace(r"\/", "_", regex=True)
    .replace(r"\]", "_", regex=True)
    .replace(r"\)", "_", regex=True)
    .replace(r"\+", "_", regex=True)
    .replace(r"\#", "_", regex=True)
)
immunization_names = list(immunizations["DESC"].unique())
immunization_tuples = frozenset(zip(immunizations["PATIENT"],
    ↪ immunizations["DESC"]))
print(len(immunization_names))

```

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4.5 Procedures

```
[51]: # Create legible names
procedures["DESC"] = (
    procedures["DESCRIPTION"].str[:25]
    .replace(" ", "_", regex=True)
    .replace(r"\[", "_", regex=True)
    .replace(r"\.", "_", regex=True)
    .replace(r"\(", "_", regex=True)
    .replace(r"\"", "_", regex=True)
    .replace(r"\/", "_", regex=True)
    .replace(r"\]", "_", regex=True)
    .replace(r"\)", "_", regex=True)
    .replace(r"\+", "_", regex=True)
    .replace(r"\#", "_", regex=True)
)
procedure_names = list(procedures["DESC"].unique())
procedure_tuples = frozenset(zip(procedures["PATIENT"], procedures["DESC"]))

[52]: print(len(procedure_names))
```

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5 Define Patient class.

```
[58]: class Patient():
    def __init__(self, row):
        self.Id = row.Id
        #####
        # target-related #
        #####
    def hospitalized_status(self):
        if self.Id in inpatient_ids:
            return(True)
        return(False)
    def icu_status(self):
        if self.Id in icu_ids:
            return(True)
        return(False)
        #####
        # target properties and invariants #
        #####
    def covid_status(self):
        if self.Id in covid_patient_ids:
            return(True)
        return(False)
```

```

def vent_status(self):
    if self.Id in vent_ids:
        return(True)
    return(False)
def covid_death_status(self):
    if self.Id in deceased_ids:
        return(True)
    return(False)
def hospital_days(self):
    if self.Id in hospital_days:
        return(float(hospital_days[self.Id]))
    return(float(0))
def icu_days(self):
    if self.Id in icu_days:
        return(float(icu_days[self.Id]))
    return(float(0))
#####
# invariants #
#####
def healthcare_expenses(self):
    return(float(patients_dict["HEALTHCARE_EXPENSES"][self.Id]))
def healthcare_coverage(self):
    return(float(patients_dict["HEALTHCARE_COVERAGE"][self.Id]))
def latitude(self):
    return(float(patients_dict["LAT"][self.Id]))
def longitude(self):
    return(float(patients_dict["LON"][self.Id]))
def age(self):
    return(float(patients_dict["Age"][self.Id]))
def num_allergies(self):
    if self.Id in vets_with_allergies:
        return(float(num_allergies_dict["START"][self.Id]))
    return(float(0))
def active_care_plans(self):
    if self.Id in active_care_plans:
        return(float(active_care_plans[self.Id]))
    return(float(0))
def lifetime_care_plans(self):
    if self.Id in lifetime_care_plans:
        return(float(lifetime_care_plans[self.Id]))
    return(float(0))
def active_care_plan_length(self):
    if self.Id in active_care_plan_length:
        return(float(active_care_plan_length[self.Id]))
    return(float(0))
def lifetime_care_plan_length(self):
    if self.Id in lifetime_care_plan_length:

```

```

        return(float(lifetime_care_plan_length[self.Id]))
    return(float(0))
def active_conditions(self):
    if self.Id in active_conditions:
        return(float(active_conditions[self.Id]))
    return(float(0))
def lifetime_conditions(self):
    if self.Id in lifetime_conditions:
        return(float(lifetime_conditions[self.Id]))
    return(float(0))
def active_condition_length(self):
    if self.Id in active_condition_length:
        return(float(active_condition_length[self.Id]))
    return(float(0))
def lifetime_condition_length(self):
    if self.Id in lifetime_condition_length:
        return lifetime_condition_length[self.Id]
    return(float(0))
def device_lifetime_length(self):
    if self.Id in device_lifetime_length:
        return(float(device_lifetime_length[self.Id]))
    return(float(0))
def encounters_count(self):
    if self.Id in encounters_count:
        return(float(encounters_count[self.Id]))
    return(float(0))
def encounters_lifetime_total_cost(self):
    if self.Id in encounters_lifetime_total_cost:
        return(float(encounters_lifetime_total_cost[self.Id]))
    return(float(0))
def encounters_lifetime_base_cost(self):
    if self.Id in encounters_lifetime_base_cost:
        return(float(encounters_lifetime_base_cost[self.Id]))
    return(float(0))
def encounters_lifetime_payer_coverage(self):
    if self.Id in encounters_lifetime_payer_coverage:
        return(float(encounters_lifetime_payer_coverage[self.Id]))
    return(float(0))
def encounters_lifetime_perc_covered(self):
    if self.Id in encounters_lifetime_perc_covered:
        return(float(encounters_lifetime_perc_covered[self.Id]))
    return(float(0))
def imaging_studies_lifetime(self):
    if self.Id in imaging_studies_lifetime:
        return(float(imaging_studies_lifetime[self.Id]))
    return(float(0))
def immunizations_lifetime(self):

```

```

        if self.Id in immunizations_lifetime:
            return(float(immunizations_lifetime[self.Id]))
        return(float(0))
    def immunizations_lifetime_cost(self):
        if self.Id in immunizations_lifetime_cost:
            return(float(immunizations_lifetime_cost[self.Id]))
        return(float(0))
    def medications_lifetime(self):
        if self.Id in medications_lifetime:
            return(float(medications_lifetime[self.Id]))
        return(float(0))
    def medications_lifetime_cost(self):
        if self.Id in medications_lifetime_cost:
            return(float(medications_lifetime_cost[self.Id]))
        return(float(0))
    def medications_lifetime_perc_covered(self):
        if self.Id in medications_lifetime_perc_covered:
            return(float(medications_lifetime_perc_covered[self.Id]))
        return(float(0))
    def medications_lifetime_length(self):
        if self.Id in medications_lifetime_length:
            return(float(medications_lifetime_length[self.Id]))
        return(float(0))
    def medications_lifetime_dispenses(self):
        if self.Id in medications_lifetime_dispenses:
            return(float(medications_lifetime_dispenses[self.Id]))
        return(float(0))
    def medications_active(self):
        if self.Id in medications_active:
            return(float(medications_active[self.Id]))
        return(float(0))
    def procedures_lifetime(self):
        if self.Id in procedures_lifetime:
            return(float(procedures_lifetime[self.Id]))
        return(float(0))
    def procedures_lifetime_cost(self):
        if self.Id in procedures_lifetime_cost:
            return(float(procedures_lifetime_cost[self.Id]))
        return(float(0))

target_properties_names = ["covid_status",
                           "vent_status",
                           "covid_death_status",
                           "hospitalized_status",
                           "icu_status"]
target_invariants_names = ["hospital_days", "icu_days"]

```

```

properties_names= (
    allergy_names+
    cond_names+
    device_names+
    immunization_names+
    obs_props+
    procedure_names
)

invariants_names = [
    "healthcare_expenses",
    "healthcare_coverage",
    "latitude",
    "longitude",
    "age",
    "num_allergies",
    "active_care_plans",
    "lifetime_care_plans",
    "active_care_plan_length",
    "lifetime_care_plan_length",
    "active_conditions",
    "lifetime_conditions",
    "active_condition_length",
    "lifetime_condition_length",
    "device_lifetime_length",
    "encounters_count",
    "encounters_lifetime_total_cost",
    "encounters_lifetime_base_cost",
    "encounters_lifetime_payer_coverage",
    "encounters_lifetime_perc_covered",
    "imaging_studies_lifetime",
    "immunizations_lifetime",
    "immunizations_lifetime_cost",
    "medications_lifetime",
    "medications_lifetime_cost",
    "medications_lifetime_perc_covered",
    "medications_lifetime_length",
    "medications_lifetime_dispenses",
    "medications_active",
    "procedures_lifetime",
    "procedures_lifetime_cost"]

for name in obs_numeric:
    invariants_names.append(name)
for name in obs_numeric_mean:
    invariants_names.append(name)

# Build allergy properties

```



```

def build_allergy_prop(i):
    def prop(self):
        if (self.Id, allergy_names[i]) in allergy_tuples:
            return(True)
        return(False)
    prop.__name__ = convert_name(allergy_names[i])
    return prop

for i, name in enumerate(allergy_names):
    prop = build_allergy_prop(i)
    setattr(Patient, prop.__name__, prop)

# Build device properties
def build_device_prop(i):
    def prop(self):
        if (self.Id, device_names[i]) in device_tuples:
            return(True)
        return(False)
    prop.__name__ = convert_name(device_names[i])
    return prop

for i, name in enumerate(device_names):
    prop = build_device_prop(i)
    setattr(Patient, prop.__name__, prop)

# Build condition properties
def build_cond_prop(i):
    def prop(self):
        if (self.Id, cond_names[i]) in cond_tuples:
            return(True)
        return(False)
    prop.__name__ = convert_name(cond_names[i])
    return prop

for i, name in enumerate(cond_names):
    prop = build_cond_prop(i)
    setattr(Patient, prop.__name__, prop)

# Build immunization properties
def build_immunization_prop(i):
    def prop(self):
        if (self.Id, immunization_names[i]) in immunization_tuples:
            return(True)
        return(False)
    prop.__name__ = convert_name(immunization_names[i])
    return prop

```

```

for i, name in enumerate(immunization_names):
    prop = build_immunization_prop(i)
    setattr(Patient, prop.__name__, prop)

# Build observation properties
def build_obs_prop(i):
    def prop(self):
        if (self.Id, obs_props[i]) in obs_tuples:
            return(True)
        return(False)
    prop.__name__ = convert_name(obs_props[i])
    return prop

for i, name in enumerate(obs_props):
    prop = build_obs_prop(i)
    setattr(Patient, prop.__name__, prop)

# Build procedure properties
def build_procedure_prop(i):
    def prop(self):
        if (self.Id, procedure_names[i]) in procedure_tuples:
            return(True)
        return(False)
    prop.__name__ = convert_name(procedure_names[i])
    return prop

for i, name in enumerate(procedure_names):
    prop = build_procedure_prop(i)
    setattr(Patient, prop.__name__, prop)

# Build observation invariants
def build_obs_inv(i):
    def inv(self):
        try:
            return(float(obs_dict[self.Id,obs_numeric[i]]))
        except:
            return(float("NaN"))
    inv.__name__ = convert_name(obs_numeric[i])
    return inv

for i, name in enumerate(obs_numeric):
    inv = build_obs_inv(i)
    setattr(Patient, inv.__name__, inv)

def build_obs_mean_inv(i):
    def inv(self):
        try:

```

```

        return(float(obs_mean_dict[self.Id,obs_numeric_mean[i]]))
    except:
        return(float("NaN"))
    inv.__name__ = convert_name(obs_numeric_mean[i])
    return inv

for i, name in enumerate(obs_numeric_mean):
    inv = build_obs_mean_inv(i)
    setattr(Patient, inv.__name__, inv)

# Build observation nominal properties
def build_obs_nom_prop(i):
    def prop(self):
        try:
            return(str(obs_nominal_dict[self.Id, obs_nominal_names[i]]))
        except:
            return(float("NaN"))
    prop.__name__ = convert_name(obs_nominal_names[i])
    return prop

for i, name in enumerate(obs_nominal_names):
    prop = build_obs_nom_prop(i)
    setattr(Patient, prop.__name__, prop)

# remove special characters from property names; invariants and targets should
↳ be okay
for i, name in enumerate(properties_names):
    properties_names[i] = convert_name(properties_names[i])

```

Define examples - one for each patient.

```
[59]: p_examples = patients.apply(func=Patient,
                                axis='columns')
```

6 Write data.

Get list of invariants.

```
[60]: target_invariants = []
      target_properties = []
      invariants = []
      properties = []

      for i in target_invariants_names:
          target_invariants.append(Patient.__dict__[i])

```

```

for i in target_properties_names:
    target_properties.append(Patient.__dict__[i])
for i in invariants_names:
    invariants.append(Patient.__dict__[i])
for i in properties_names:
    properties.append(Patient.__dict__[i])
print(len(invariants))
print(len(properties))

```

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```

[61]: # out_data = []

# out_data_names = ["Id"]
# for j in target_properties:
#     out_data_names.append(j.__name__)
# for j in target_invariants:
#     out_data_names.append(j.__name__)
# for j in properties:
#     out_data_names.append(j.__name__)
# for j in invariants:
#     out_data_names.append(j.__name__)

# out_data.append(out_data_names)
# for i in range(len(patients)):
#     if i % 1000 == 0:
#         sys.stdout.write("%d " % int(i))
#         this_out = [p_examples.iloc[int(i)].Id]
#         for j in target_properties:
#             this_out.append(j(p_examples.iloc[int(i)]))
#         for j in target_invariants:
#             this_out.append(j(p_examples.iloc[int(i)]))
#         for j in properties:
#             this_out.append(j(p_examples.iloc[int(i)]))
#         for j in invariants:
#             this_out.append(j(p_examples.iloc[int(i)]))
#         sys.stdout.flush()
#         out_data.append(this_out)

# with open("train.csv", "w", newline="") as trainfile:
#     writer = csv.writer(trainfile)
#     writer.writerows(out_data)
# trainfile.close()

```

Write data with nominal features.

```

[62]: # properties_nom_names= (
#     allergy_names+
#     cond_names+
#     device_names+
#     immunization_names+
#     obs_nominal_names+
#     procedure_names
# )

# properties_nom = []

# for i in properties_nom_names:
#     for j in Patient.__dict__:
#         if i == j:
#             properties_nom.append(Patient.__dict__[j])

# out_data = []

# out_data_names = ["Id"]
# for j in target_properties:
#     out_data_names.append(j.__name__)
# for j in target_invariants:
#     out_data_names.append(j.__name__)
# for j in properties_nom:
#     out_data_names.append(j.__name__)
# for j in invariants:
#     out_data_names.append(j.__name__)

# out_data.append(out_data_names)
# for i in range(len(patients)):
#     if i % 1000 == 0:
#         sys.stdout.write("%d " % int(i))
#     this_out = [p_examples.iloc[int(i)].Id]
#     for j in target_properties:
#         this_out.append(j(p_examples.iloc[int(i)]))
#     for j in target_invariants:
#         this_out.append(j(p_examples.iloc[int(i)]))
#     for j in properties_nom:
#         this_out.append(j(p_examples.iloc[int(i)]))
#     for j in invariants:
#         this_out.append(j(p_examples.iloc[int(i)]))
#     sys.stdout.flush()
#     out_data.append(this_out)

# with open("train_nom.csv", "w", newline="") as trainfile:
#     writer = csv.writer(trainfile)
#     writer.writerows(out_data)

```

```
# trainfile.close()
```

7 Conjecturing

```
[63]: from sklearn.model_selection import train_test_split
      set_random_seed(12345)
```

```
[64]: p_examples_list = list(p_examples)
```

7.1 Covid Death Status among the Entire Population

```
[65]: covid_dead = [patient for patient in p_examples_list if (patient.
      ↪covid_death_status())]
      covid_alive= [patient for patient in p_examples_list if (not patient.
      ↪covid_death_status())]

      np.random.shuffle(covid_dead)
      np.random.shuffle(covid_alive)

      train_dead = covid_dead[0:100]
      train_alive = covid_alive[0:100]

      test_dead = covid_dead[100:]
      test_alive = covid_alive[100:]
```

```
[66]: covid_invariants = invariants

      covid_dead_properties = []
      covid_alive_properties = []
      use_operators = { '-1', '+1', '*2', '/2', '^2', '-()', '1/', 'sqrt', 'ln',
      ↪'log10', 'exp', '10^', 'ceil', 'floor', 'abs', '+', '*', 'max', 'min', '-',
      ↪'/', '^'}

      # not dead patients
      print("Alive")
      for inv in covid_invariants:
          print(inv.__name__)
          inv_of_interest = covid_invariants.index(inv)
```

```

# upper bounds
conjs = conjecture(train_alive,
                   covid_invariants,
                   inv_of_interest,
                   operators=use_operators,
                   upperBound=True,
                   debug=False,
                   skips=myskips)
convert_conjecture_names(conjs)
#for c in conjs:
#    print(c)
covid_alive_properties += conjs
# lower bounds
conjs = conjecture(train_alive,
                   covid_invariants,
                   inv_of_interest,
                   operators=use_operators,
                   upperBound=False,
                   debug=False,
                   skips=myskips)
convert_conjecture_names(conjs)
#for c in conjs:
#    print(c)
covid_alive_properties += conjs
count = 0
for conj in covid_alive_properties:
    count += 1
    #print(count, convert_name_back(conj.__name__))

# dead patients
print("Dead")
for inv in covid_invariants:
    print(inv.__name__)
    inv_of_interest = covid_invariants.index(inv)
    # upper bounds
    conjs = conjecture(train_dead,
                       covid_invariants,
                       inv_of_interest,
                       operators=use_operators,
                       upperBound=True,
                       debug=False,
                       skips=myskips)
    convert_conjecture_names(conjs)
    #for c in conjs:
    #    print(c)
    covid_dead_properties += conjs
# lower bounds

```

```

    conjs = conjecture(train_dead,
                        covid_invariants,
                        inv_of_interest,
                        operators=use_operators,
                        upperBound=False,
                        debug=False,
                        skips=myskips)
    convert_conjecture_names(conjs)
    #for c in conjs:
    #    print(c)
    covid_dead_properties += conjs
count = 0
for conj in covid_dead_properties:
    count +=1
    #print(count, convert_name_back(conj.__name__))

```

```

Alive
healthcare_expenses
healthcare_coverage
latitude
longitude
age
num_allergies
active_care_plans
lifetime_care_plans
active_care_plan_length
lifetime_care_plan_length
active_conditions
lifetime_conditions
active_condition_length
lifetime_condition_length
device_lifetime_length
encounters_count
encounters_lifetime_total_cost
encounters_lifetime_base_cost
encounters_lifetime_payer_coverage
encounters_lifetime_perc_covered
imaging_studies_lifetime
immunizations_lifetime
immunizations_lifetime_cost
medications_lifetime
medications_lifetime_cost
medications_lifetime_perc_covered
medications_lifetime_length
medications_lifetime_dispenses
medications_active
procedures_lifetime

```


procedures_lifetime_cost
 QOLS
 QALY
 DALY
 Respiratory_rate
 Heart_rate
 Systolic_Blood_Pressure
 Diastolic_Blood_Pressure
 Body_Mass_Index
 Body_Weight
 Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 Body_Height
 Triglycerides
 Low_Density_Lipoprotein_Cholesterol
 High_Density_Lipoprotein_Cholesterol
 Creatinine
 Sodium
 Potassium
 Hemoglobin_A1c_Hemoglobin_total_in_Blood
 Glucose
 Chloride
 Carbon_Dioxide
 Total_Cholesterol
 Urea_Nitrogen
 Calcium
 Glomerular_filtration_rate_1_73_sq_M_predicted
 Globulin__Mass_volume__in_Serum_by_calculation
 Albumin__Mass_volume__in_Serum_or_Plasma
 Protein__Mass_volume__in_Serum_or_Plasma
 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma
 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma
 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum_or_Plasma
 Bilirubin_total__Mass_volume__in_Serum_or_Plasma
 Body_temperature
 Prostate_specific_Ag__Mass_volume__in_Serum_or_Plasma
 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 Platelets____volume__in_Blood_by_Automated_count
 Leukocytes____volume__in_Blood_by_Automated_count
 Erythrocytes____volume__in_Blood_by_Automated_count
 Hemoglobin__Mass_volume__in_Blood
 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 MCV__Entitic_volume__by_Automated_count
 MCH__Entitic_mass__by_Automated_count
 MCHC__Mass_volume__by_Automated_count
 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 pH_of_Urine_by_Test_strip
 Specific_gravity_of_Urine_by_Test_strip

Bilirubin_total__Mass_volume__in_Urine_by_Test_strip
 Ketones__Mass_volume__in_Urine_by_Test_strip
 Protein__Mass_volume__in_Urine_by_Test_strip
 Estimated_Glomerular_Filtration_Rate
 Microalbumin_Creatinine_Ratio
 Glucose__Mass_volume__in_Urine_by_Test_strip
 Total_score__MMSE_
 FEV1_FVC
 DXA__T_score__Bone_density
 NT_proBNP
 Polyp_size_greatest_dimension_by_CAP_cancer_protocols
 Hemoglobin_gastrointestinal__Presence__in_Stool_by_Immunologic_method
 RBC_Auto__Bld____Vol_
 WBC_Auto__Bld____Vol_
 Hematocrit__Volume_Fraction__of_Blood
 RDW__Erythrocyte_distribution_width_Auto__RBC__Entitic_vol_
 Left_ventricular_Ejection_fraction
 Albumin
 Globulin
 Alkaline_Phosphatase
 Anion_Gap
 Protein
 White_Blood_Cell__Elevated_
 Red_Blood_Cell
 RBC_Distribution_Width
 Platelet_Count
 Total_Bilirubin__Elevated_
 ALT__Elevated_
 MCV
 AST__Elevated_
 Hematocrit
 Hemoglobin
 Size_maximum_dimension_in_Tumor
 Lymph_nodes_with_micrometastases____in_Cancer_specimen_by_Light_microscopy
 History_of_Hospitalizations_Outpatient_visits
 Mental_health_Outpatient_Note
 Mental_health_Telehealth_Note
 Oxygen_saturation_in_Arterial_blood
 Thyroxine__T4__free__Mass_volume__in_Serum_or_Plasma
 Thyrotropin__Units_volume__in_Serum_or_Plasma
 Egg_white_IgE_Ab_in_Serum
 Wheat_IgE_Ab_in_Serum
 Shrimp_IgE_Ab_in_Serum
 Codfish_IgE_Ab_in_Serum
 Latex_IgE_Ab_in_Serum
 Honey_bee_IgE_Ab_in_Serum
 Cladosporium_herbarum_IgE_Ab_in_Serum
 American_house_dust_mite_IgE_Ab_in_Serum

Cat_dander_IgE_Ab_in_Serum
 Common_Ragweed_IgE_Ab_in_Serum
 Cow_milk_IgE_Ab_in_Serum
 Soybean_IgE_Ab_in_Serum
 White_oak_IgE_Ab_in_Serum
 Peanut_IgE_Ab_in_Serum
 Walnut_IgE_Ab_in_Serum
 Lymph_nodes_with_macrometastases_____in_Cancer_specimen_by_Light_microscopy
 Percentage_area_affected_by_eczema_Head_and_Neck
 Percentage_area_affected_by_eczema_Upper_extremity___bilateral
 Percentage_area_affected_by_eczema_Trunk
 Percentage_area_affected_by_eczema_Lower_extremity___bilateral
 Lymph_nodes_with_isolated_tumor_cells_____in_Cancer_specimen_by_Light_microscopy
 PROMIS_10_Global_Mental_Health__GMH__score
 PROMIS_10_Global_Physical_Health__GPH__score
 PROMIS_29_Fatigue_score
 PROMIS_29_Depression_score
 PROMIS_29_Anxiety_score
 PROMIS_29_Pain_interference_score
 PROMIS_29_Physical_function_score
 PROMIS_29_Satisfaction_with_participation_in_social_roles_score
 PROMIS_29_Sleep_disturbance_score
 VR_36_Bodily_pain__BP__score___oblique_method
 VR_36_General_health__GH__score___oblique_method
 VR_36_Vitality__VT__score___oblique_method
 VR_36_Social_functioning__SF__score___oblique_method
 VR_36_Role_emotion__RE__score___oblique_method
 VR_36_Mental_health__MH__score___oblique_method
 VR_36_Role_physical__RP__score___oblique_method
 VR_36_Physical_functioning__PF__score___oblique_method
 VR_12_Physical_functioning__PF__score___oblique_method
 VR_12_Role_physical__RP__score___oblique_method
 VR_12_Bodily_pain__BP__score___oblique_method
 VR_12_General_health__GH__score___oblique_method
 VR_12_Vitality__VT__score___oblique_method
 VR_12_Social_functioning__SF__score___oblique_method
 VR_12_Role_emotion__RE__score___oblique_method
 VR_12_Mental_health__MH__score___oblique_method
 Quality_of_life_score__KOOS_
 Sport_recreation_score__KOOS_
 Activities_of_daily_living_score__KOOS_
 Pain_score__KOOS_
 Symptoms_score__KOOS_
 Weight_difference__Mass_difference____pre_dialysis__post_dialysis
 mean_Body_Height
 mean_Body_Mass_Index
 mean_Body_Weight
 mean_Calcium

mean_Carbon_Dioxide
 mean_Chloride
 mean_Creatinine
 mean_DALY
 mean_Diastolic_Blood_Pressure
 mean_Estimated_Glomerular_Filtration_Rate
 mean_Glucose
 mean_Heart_rate
 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 mean_High_Density_Lipoprotein_Cholesterol
 mean_Low_Density_Lipoprotein_Cholesterol
 mean_Microalbumin_Creatinine_Ratio
 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 mean_Potassium
 mean_QALY
 mean_QOLS
 mean_Respiratory_rate
 mean_Sodium
 mean_Systolic_Blood_Pressure
 mean_Total_Cholesterol
 mean_Triglycerides
 mean_Urea_Nitrogen
 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 mean_Erythrocytes____volume__in_Blood_by_Automated_count
 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 mean_Hemoglobin__Mass_volume__in_Blood
 mean_Leukocytes____volume__in_Blood_by_Automated_count
 mean_MCH__Entitic_mass__by_Automated_count
 mean_MCHC__Mass_volume__by_Automated_count
 mean_MCV__Entitic_volume__by_Automated_count
 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 mean_Platelets____volume__in_Blood_by_Automated_count
 mean_Body_temperature
 mean_Prostate_specific_Ag__Mass_volume__in_Serum_or_Plasma
 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma
 mean_Albumin__Mass_volume__in_Serum_or_Plasma
 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum_or_Plasma
 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma
 mean_Bilirubin_total__Mass_volume__in_Serum_or_Plasma
 mean_Globulin__Mass_volume__in_Serum_by_calculation
 mean_Glomerular_filtration_rate_1_73_sq_M_predicted
 mean_Protein__Mass_volume__in_Serum_or_Plasma
 mean_Total_score__MMSE_
 mean_Hematocrit__Volume_Fraction__of_Blood
 mean_RBC_Auto__Bld____Vol_
 mean_RDW___Erythrocyte_distribution_width_Auto__RBC___Entitic_vol_
 mean_WBC_Auto__Bld____Vol_

mean_FEV1_FVC
 mean_Bilirubin_total_Mass_volume__in_Urine_by_Test_strip
 mean_Glucose_Mass_volume__in_Urine_by_Test_strip
 mean_Ketones_Mass_volume__in_Urine_by_Test_strip
 mean_Protein_Mass_volume__in_Urine_by_Test_strip
 mean_Specific_gravity_of_Urine_by_Test_strip
 mean_pH_of_Urine_by_Test_strip
 mean_DXA_T_score__Bone_density
 mean_Weight_difference_Mass_difference___pre_dialysis___post_dialysis
 mean_History_of_Hospitalizations_Outpatient_visits
 mean_Hemoglobin_gastrointestinal_Presence__in_Stool_by_Immunologic_method
 mean_Polyp_size_greatest_dimension_by_CAP_cancer_protocols
 mean_Percentage_area_affected_by_eczema_Head_and_Neck
 mean_Percentage_area_affected_by_eczema_Lower_extremity___bilateral
 mean_Percentage_area_affected_by_eczema_Trunk
 mean_Percentage_area_affected_by_eczema_Upper_extremity___bilateral
 mean_Left_ventricular_Ejection_fraction
 mean_NT_proBNP
 mean_Oxygen_saturation_in_Arterial_blood
 mean_Mental_health_Outpatient_Note
 mean_Mental_health_Telehealth_Note
 mean_Lymph_nodes_with_isolated_tumor_cells_____in_Cancer_specimen_by_Light_microscopy
 mean_Size_maximum_dimension_in_Tumor
 mean_ALT_Elevated_
 mean_AST_Elevated_
 mean_Albumin
 mean_Alkaline_Phosphatase
 mean_Anion_Gap
 mean_Globulin
 mean_Hematocrit
 mean_Hemoglobin
 mean_MCV
 mean_Platelet_Count
 mean_Protein
 mean_RBC_Distribution_Width
 mean_Red_Blood_Cell
 mean_Total_Bilirubin_Elevated_
 mean_White_Blood_Cell_Elevated_
 mean_Thyrotropin__Units_volume__in_Serum_or_Plasma
 mean_Thyroxine_T4_free_Mass_volume__in_Serum_or_Plasma
 mean_American_house_dust_mite_IgE_Ab_in_Serum
 mean_Cat_dander_IgE_Ab_in_Serum
 mean_Cladosporium_herbarum_IgE_Ab_in_Serum
 mean_Codfish_IgE_Ab_in_Serum
 mean_Common_Ragweed_IgE_Ab_in_Serum
 mean_Cow_milk_IgE_Ab_in_Serum
 mean_Egg_white_IgE_Ab_in_Serum

mean_Honey_bee_IgE_Ab_in_Serum
 mean_Latex_IgE_Ab_in_Serum
 mean_Peanut_IgE_Ab_in_Serum
 mean_Shrimp_IgE_Ab_in_Serum
 mean_Soybean_IgE_Ab_in_Serum
 mean_Walnut_IgE_Ab_in_Serum
 mean_Wheat_IgE_Ab_in_Serum
 mean_White_oak_IgE_Ab_in_Serum
 mean_Lymph_nodes_with_micrometastases_____in_Cancer_specimen_by_Light_microscopy
 mean_Lymph_nodes_with_macrometastases_____in_Cancer_specimen_by_Light_microscopy
 mean_VR_12_Bodily_pain_BP__score___oblique_method
 mean_VR_12_General_health_GH__score___oblique_method
 mean_VR_12_Mental_health_MH__score___oblique_method
 mean_VR_12_Physical_functioning_PF__score___oblique_method
 mean_VR_12_Role_emotion_RE__score___oblique_method
 mean_VR_12_Role_physical_RP__score___oblique_method
 mean_VR_12_Social_functioning_SF__score___oblique_method
 mean_VR_12_Vitality_VT__score___oblique_method
 mean_PROMIS_10_Global_Mental_Health_GMH__score
 mean_PROMIS_10_Global_Physical_Health_GPH__score
 mean_PROMIS_29_Anxiety_score
 mean_PROMIS_29_Depression_score
 mean_PROMIS_29_Fatigue_score
 mean_PROMIS_29_Pain_interference_score
 mean_PROMIS_29_Physical_function_score
 mean_PROMIS_29_Satisfaction_with_participation_in_social_roles_score
 mean_PROMIS_29_Sleep_disturbance_score
 mean_Activities_of_daily_living_score__KOOS_
 mean_Pain_score__KOOS_
 mean_Quality_of_life_score__KOOS_
 mean_Sport_recreation_score__KOOS_
 mean_Symptoms_score__KOOS_
 mean_VR_36_Bodily_pain_BP__score___oblique_method
 mean_VR_36_General_health_GH__score___oblique_method
 mean_VR_36_Mental_health_MH__score___oblique_method
 mean_VR_36_Physical_functioning_PF__score___oblique_method
 mean_VR_36_Role_emotion_RE__score___oblique_method
 mean_VR_36_Role_physical_RP__score___oblique_method
 mean_VR_36_Social_functioning_SF__score___oblique_method
 mean_VR_36_Vitality_VT__score___oblique_method
 Dead
 healthcare_expenses
 healthcare_coverage
 latitude
 longitude
 age
 num_allergies
 active_care_plans

lifetime_care_plans
active_care_plan_length
lifetime_care_plan_length
active_conditions
lifetime_conditions
active_condition_length
lifetime_condition_length
device_lifetime_length
encounters_count
encounters_lifetime_total_cost
encounters_lifetime_base_cost
encounters_lifetime_payer_coverage
encounters_lifetime_perc_covered
imaging_studies_lifetime
immunizations_lifetime
immunizations_lifetime_cost
medications_lifetime
medications_lifetime_cost
medications_lifetime_perc_covered
medications_lifetime_length
medications_lifetime_dispenses
medications_active
procedures_lifetime
procedures_lifetime_cost
QOLS
QALY
DALY
Respiratory_rate
Heart_rate
Systolic_Blood_Pressure
Diastolic_Blood_Pressure
Body_Mass_Index
Body_Weight
Pain_severity___0_10_verbal_numeric_rating__Score____Reported
Body_Height
Triglycerides
Low_Density_Lipoprotein_Cholesterol
High_Density_Lipoprotein_Cholesterol
Creatinine
Sodium
Potassium
Hemoglobin_A1c_Hemoglobin_total_in_Blood
Glucose
Chloride
Carbon_Dioxide
Total_Cholesterol
Urea_Nitrogen
Calcium

Glomerular_filtration_rate_1_73_sq_M_predicted
 Globulin_Mass_volume__in_Serum_by_calculation
 Albumin_Mass_volume__in_Serum_or_Plasma
 Protein_Mass_volume__in_Serum_or_Plasma
 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma
 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma
 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum_or_Plasma
 Bilirubin_total__Mass_volume__in_Serum_or_Plasma
 Body_temperature
 Prostate_specific_Ag_Mass_volume__in_Serum_or_Plasma
 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 Platelets___volume__in_Blood_by_Automated_count
 Leukocytes___volume__in_Blood_by_Automated_count
 Erythrocytes___volume__in_Blood_by_Automated_count
 Hemoglobin_Mass_volume__in_Blood
 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 MCV__Entitic_volume__by_Automated_count
 MCH__Entitic_mass__by_Automated_count
 MCHC__Mass_volume__by_Automated_count
 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 pH_of_Urine_by_Test_strip
 Specific_gravity_of_Urine_by_Test_strip
 Bilirubin_total__Mass_volume__in_Urine_by_Test_strip
 Ketones__Mass_volume__in_Urine_by_Test_strip
 Protein_Mass_volume__in_Urine_by_Test_strip
 Estimated_Glomerular_Filtration_Rate
 Microalbumin_Creatinine_Ratio
 Glucose__Mass_volume__in_Urine_by_Test_strip
 Total_score__MMSE_
 FEV1_FVC
 DXA__T_score__Bone_density
 NT_proBNP
 Polyp_size_greatest_dimension_by_CAP_cancer_protocols
 Hemoglobin_gastrointestinal__Presence__in_Stool_by_Immunologic_method
 RBC_Auto__Bld_____Vol_
 WBC_Auto__Bld_____Vol_
 Hematocrit__Volume_Fraction__of_Blood
 RDW___Erythrocyte_distribution_width_Auto__RBC___Entitic_vol_
 Left_ventricular_Ejection_fraction
 Albumin
 Globulin
 Alkaline_Phosphatase
 Anion_Gap
 Protein
 White_Blood_Cell__Elevated_
 Red_Blood_Cell
 RBC_Distribution_Width

Platelet_Count
 Total_Bilirubin__Elevated_
 ALT__Elevated_
 MCV
 AST__Elevated_
 Hematocrit
 Hemoglobin
 Size_maximum_dimension_in_Tumor
 Lymph_nodes_with_micrometastases_____in_Cancer_specimen_by_Light_microscopy
 History_of_Hospitalizations_Outpatient_visits
 Mental_health_Outpatient_Note
 Mental_health_Telehealth_Note
 Oxygen_saturation_in_Arterial_blood
 Thyroxine__T4__free__Mass_volume__in_Serum_or_Plasma
 Thyrotropin__Units_volume__in_Serum_or_Plasma
 Egg_white_IgE_Ab_in_Serum
 Wheat_IgE_Ab_in_Serum
 Shrimp_IgE_Ab_in_Serum
 Codfish_IgE_Ab_in_Serum
 Latex_IgE_Ab_in_Serum
 Honey_bee_IgE_Ab_in_Serum
 Cladosporium_herbarum_IgE_Ab_in_Serum
 American_house_dust_mite_IgE_Ab_in_Serum
 Cat_dander_IgE_Ab_in_Serum
 Common_Ragweed_IgE_Ab_in_Serum
 Cow_milk_IgE_Ab_in_Serum
 Soybean_IgE_Ab_in_Serum
 White_oak_IgE_Ab_in_Serum
 Peanut_IgE_Ab_in_Serum
 Walnut_IgE_Ab_in_Serum
 Lymph_nodes_with_macrometastases_____in_Cancer_specimen_by_Light_microscopy
 Percentage_area_affected_by_eczema_Head_and_Neck
 Percentage_area_affected_by_eczema_Upper_extremity__bilateral
 Percentage_area_affected_by_eczema_Trunk
 Percentage_area_affected_by_eczema_Lower_extremity__bilateral
 Lymph_nodes_with_isolated_tumor_cells_____in_Cancer_specimen_by_Light_microscopy
 PROMIS_10_Global_Mental_Health__GMH__score
 PROMIS_10_Global_Physical_Health__GPH__score
 PROMIS_29_Fatigue_score
 PROMIS_29_Depression_score
 PROMIS_29_Anxiety_score
 PROMIS_29_Pain_interference_score
 PROMIS_29_Physical_function_score
 PROMIS_29_Satisfaction_with_participation_in_social_roles_score
 PROMIS_29_Sleep_disturbance_score
 VR_36_Bodily_pain__BP__score__oblique_method
 VR_36_General_health__GH__score__oblique_method
 VR_36_Vitality__VT__score__oblique_method

VR_36_Social_functioning__SF__score___oblique_method
 VR_36_Role_emotion__RE__score___oblique_method
 VR_36_Mental_health__MH__score___oblique_method
 VR_36_Role_physical__RP__score___oblique_method
 VR_36_Physical_functioning__PF__score___oblique_method
 VR_12_Physical_functioning__PF__score___oblique_method
 VR_12_Role_physical__RP__score___oblique_method
 VR_12_Bodily_pain__BP__score___oblique_method
 VR_12_General_health__GH__score___oblique_method
 VR_12_Vitality__VT__score___oblique_method
 VR_12_Social_functioning__SF__score___oblique_method
 VR_12_Role_emotion__RE__score___oblique_method
 VR_12_Mental_health__MH__score___oblique_method
 Quality_of_life_score__K00S_
 Sport_recreation_score__K00S_
 Activities_of_daily_living_score__K00S_
 Pain_score__K00S_
 Symptoms_score__K00S_
 Weight_difference__Mass_difference____pre_dialysis___post_dialysis
 mean_Body_Height
 mean_Body_Mass_Index
 mean_Body_Weight
 mean_Calcium
 mean_Carbon_Dioxide
 mean_Chloride
 mean_Creatinine
 mean_DALY
 mean_Diastolic_Blood_Pressure
 mean_Estimated_Glomerular_Filtration_Rate
 mean_Glucose
 mean_Heart_rate
 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 mean_High_Density_Lipoprotein_Cholesterol
 mean_Low_Density_Lipoprotein_Cholesterol
 mean_Microalbumin_Creatinine_Ratio
 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 mean_Potassium
 mean_QALY
 mean_QOLS
 mean_Respiratory_rate
 mean_Sodium
 mean_Systolic_Blood_Pressure
 mean_Total_Cholesterol
 mean_Triglycerides
 mean_Urea_Nitrogen
 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 mean_Erythrocytes____volume__in_Blood_by_Automated_count
 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count

mean_Hemoglobin_Mass_volume__in_Blood
 mean_Leukocytes___volume__in_Blood_by_Automated_count
 mean_MCH__Entitic_mass__by_Automated_count
 mean_MCHC__Mass_volume__by_Automated_count
 mean_MCV__Entitic_volume__by_Automated_count
 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 mean_Platelets___volume__in_Blood_by_Automated_count
 mean_Body_temperature
 mean_Prostate_specific_Ag__Mass_volume__in_Serum_or_Plasma
 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma
 mean_Albumin__Mass_volume__in_Serum_or_Plasma
 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum_or_Plasma
 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma
 mean_Bilirubin_total__Mass_volume__in_Serum_or_Plasma
 mean_Globulin__Mass_volume__in_Serum_by_calculation
 mean_Glomerular_filtration_rate_1_73_sq_M_predicted
 mean_Protein__Mass_volume__in_Serum_or_Plasma
 mean_Total_score__MMSE_
 mean_Hematocrit__Volume_Fraction__of_Blood
 mean_RBC_Auto__Bld_____Vol_
 mean_RDW___Erythrocyte_distribution_width_Auto__RBC___Entitic_vol_
 mean_WBC_Auto__Bld_____Vol_
 mean_FEV1_FVC
 mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip
 mean_Glucose__Mass_volume__in_Urine_by_Test_strip
 mean_Ketones__Mass_volume__in_Urine_by_Test_strip
 mean_Protein__Mass_volume__in_Urine_by_Test_strip
 mean_Specific_gravity_of_Urine_by_Test_strip
 mean_pH_of_Urine_by_Test_strip
 mean_DXA__T_score__Bone_density
 mean_Weight_difference__Mass_difference___pre_dialysis___post_dialysis
 mean_History_of_Hospitalizations_Outpatient_visits
 mean_Hemoglobin_gastrointestinal__Presence__in_Stool_by_Immunologic_method
 mean_Polyp_size_greatest_dimension_by_CAP_cancer_protocols
 mean_Percentage_area_affected_by_eczema_Head_and_Neck
 mean_Percentage_area_affected_by_eczema_Lower_extremity___bilateral
 mean_Percentage_area_affected_by_eczema_Trunk
 mean_Percentage_area_affected_by_eczema_Upper_extremity___bilateral
 mean_Left_ventricular_Ejection_fraction
 mean_NT_proBNP
 mean_Oxygen_saturation_in_Arterial_blood
 mean_Mental_health_Outpatient_Note
 mean_Mental_health_Telehealth_Note
 mean_Lymph_nodes_with_isolated_tumor_cells_____in_Cancer_specimen_by_Light_microscopy
 mean_Size_maximum_dimension_in_Tumor
 mean_ALT__Elevated_

mean_AST__Elevated_
 mean_Albumin
 mean_Alkaline_Phosphatase
 mean_Anion_Gap
 mean_Globulin
 mean_Hematocrit
 mean_Hemoglobin
 mean_MCV
 mean_Platelet_Count
 mean_Protein
 mean_RBC_Distribution_Width
 mean_Red_Blood_Cell
 mean_Total_Bilirubin__Elevated_
 mean_White_Blood_Cell__Elevated_
 mean_Thyrotropin__Units_volume__in_Serum_or_Plasma
 mean_Thyroxine__T4__free__Mass_volume__in_Serum_or_Plasma
 mean_American_house_dust_mite_IgE_Ab_in_Serum
 mean_Cat_dander_IgE_Ab_in_Serum
 mean_Cladosporium_herbarum_IgE_Ab_in_Serum
 mean_Codfish_IgE_Ab_in_Serum
 mean_Common_Ragweed_IgE_Ab_in_Serum
 mean_Cow_milk_IgE_Ab_in_Serum
 mean_Egg_white_IgE_Ab_in_Serum
 mean_Honey_bee_IgE_Ab_in_Serum
 mean_Latex_IgE_Ab_in_Serum
 mean_Peanut_IgE_Ab_in_Serum
 mean_Shrimp_IgE_Ab_in_Serum
 mean_Soybean_IgE_Ab_in_Serum
 mean_Walnut_IgE_Ab_in_Serum
 mean_Wheat_IgE_Ab_in_Serum
 mean_White_oak_IgE_Ab_in_Serum
 mean_Lymph_nodes_with_micrometastases_____in_Cancer_specimen_by_Light_microscopy
 mean_Lymph_nodes_with_macrometastases_____in_Cancer_specimen_by_Light_microscopy
 mean_VR_12_Bodily_pain__BP__score___oblique_method
 mean_VR_12_General_health__GH__score___oblique_method
 mean_VR_12_Mental_health__MH__score___oblique_method
 mean_VR_12_Physical_functioning__PF__score___oblique_method
 mean_VR_12_Role_emotion__RE__score___oblique_method
 mean_VR_12_Role_physical__RP__score___oblique_method
 mean_VR_12_Social_functioning__SF__score___oblique_method
 mean_VR_12_Vitality__VT__score___oblique_method
 mean_PROMIS_10_Global_Mental_Health__GMH__score
 mean_PROMIS_10_Global_Physical_Health__GPH__score
 mean_PROMIS_29_Anxiety_score
 mean_PROMIS_29_Depression_score
 mean_PROMIS_29_Fatigue_score
 mean_PROMIS_29_Pain_interference_score
 mean_PROMIS_29_Physical_function_score

```

mean_PROMIS_29_Satisfaction_with_participation_in_social_roles_score
mean_PROMIS_29_Sleep_disturbance_score
mean_Activities_of_daily_living_score__KOOS_
mean_Pain_score__KOOS_
mean_Quality_of_life_score__KOOS_
mean_Sport_recreation_score__KOOS_
mean_Symptoms_score__KOOS_
mean_VR_36_Bodily_pain__BP__score___oblique_method
mean_VR_36_General_health__GH__score___oblique_method
mean_VR_36_Mental_health__MH__score___oblique_method
mean_VR_36_Physical_functioning__PF__score___oblique_method
mean_VR_36_Role_emotion__RE__score___oblique_method
mean_VR_36_Role_physical__RP__score___oblique_method
mean_VR_36_Social_functioning__SF__score___oblique_method
mean_VR_36_Vitality__VT__score___oblique_method

```

```

[67]: print(len(covid_dead_properties), len(covid_alive_properties))
      print(len(covid_alive), len(covid_dead))

```

```

7174 4860
80376 5568

```

```

[68]: all_covid_properties = properties + covid_alive_properties +
      ↪ covid_dead_properties
      all_covid_properties.append(Patient.covid_death_status)

      target_prop = len(all_covid_properties)-1
      alive_conjs = propertyBasedConjecture(objects=train_alive+train_dead,
                                             properties = all_covid_properties,
                                             mainProperty=target_prop,
                                             sufficient=False,
                                             skips=myskips)

      dead_conjs = propertyBasedConjecture(objects=train_alive+train_dead,
                                             properties = all_covid_properties,
                                             mainProperty=target_prop,
                                             sufficient=True,
                                             skips=myskips)

      count = 0
      for p in alive_conjs:
          #print(count, ".", convert_name_back(p.__name__))
          count += 1
      for p in dead_conjs:
          #print(count, ".", convert_name_back(p.__name__))
          count += 1

```

```

./conjecturing.py:255: RuntimeWarning: overflow encountered in double_scalars
      return (lambda x: 10**x), 1

```

```

./conjecturing.py:153: RuntimeWarning: invalid value encountered in
double_scalars
    stack.append(op(left, right))
./conjecturing.py:108: RuntimeWarning: overflow encountered in exp
    stack.append(op(stack.pop()))

(covid_death_status)->(healthcare_expenses_leq_age_squared_times_encounters_life
time_total_cost)
(covid_death_status)->(healthcare_coverage_leq_open_bracket_logopen_bracket_enco
unters_lifetime_total_cost_close_bracket_divided_by_logopen_bracket_10_close_bra
cket_close_bracket_to_the_power_active_condition_length)
(covid_death_status)->(procedures_lifetime_cost_leq_e_to_the_power_open_bracket_
10_to_the_power_procedures_lifetime_close_bracket)
(covid_death_status)->(healthcare_expenses_leq_flooropen_bracket_Globulin_Mass_
volume__in_Serum_by_calculation_close_bracket_to_the_power_Carbon_Dioxide)
(covid_death_status)->(longitude_leq__minus_active_condition_length_plus_immuniz
ations_lifetime_cost_minus_1)
(covid_death_status)->(age_leq_ceilopen_bracket_QALY_close_bracket_divided_by_en
counters_lifetime_perc_covered)
(covid_death_status)->(healthcare_coverage_leq_10_to_the_power_DALY_divided_by_n
um_allergies)
(covid_death_status)->(age_leq_Body_Mass_Index_times_ceilopen_bracket_Hemoglobin
_A1c_Hemoglobin_total_in_Blood_close_bracket)
(covid_death_status)->(healthcare_coverage_geq_open_bracket_inverse_of_2_times_B
ody_Height_close_bracket_to_the_power_immunizations_lifetime)
(covid_death_status)->(healthcare_expenses_geq_minimumopen_bracket_medications_l
ifetime_cost_or_inverse_of_procedures_lifetime_close_bracket)
(covid_death_status)->(mean_Potassium_geq_ceilopen_bracket_Carbon_Dioxide_close_
bracket_minus_mean_Carbon_Dioxide)
(covid_death_status)->(latitude_leq__minus_Carbon_Dioxide_plus_ceilopen_bracket_
Glucose_close_bracket)
(covid_death_status)->(healthcare_coverage_geq_10_to_the_power_active_care_plans
_divided_by_QALY)
(covid_death_status)->(healthcare_coverage_geq_minimumopen_bracket_encounters_li
fetime_total_cost_or_e_to_the_power_active_conditions_close_bracket)
(covid_death_status)->(lifetime_care_plans_leq_maximumopen_bracket_Respiratory_r
ate_or_active_conditions_minus_1_close_bracket)
(covid_death_status)->(healthcare_coverage_geq_active_care_plans_times_sqrtopen_
bracket_healthcare_expenses_close_bracket)
(covid_death_status)->(latitude_leq_flooropen_bracket_Erythrocyte_distribution_w
idth__Entitic_volume__by_Automated_count_close_bracket_plus_medications_active)
(covid_death_status)->(latitude_leq_age_plus_immunizations_lifetime_cost_minus_1
)
(covid_death_status)->(latitude_geq_encounters_lifetime_perc_covered_times_floor
open_bracket_active_condition_length_close_bracket)
(covid_death_status)->(latitude_geq_sqrtopen_bracket_age_close_bracket_divided_b
y_QOLS)
(covid_death_status)->(longitude_leq__minus_QALY_times_medications_lifetime_perc

```

```

_covered)
(covid_death_status)->((Polyp_of_colon)->(Anemia_disorder_))
(covid_death_status)->(age_geq_logopen_bracket_active_conditions_close_bracket_d
ivided_by_logopen_bracket_10_close_bracket_plus_active_condition_length)
(covid_death_status)->(lifetime_care_plans_leq_flooropen_bracket_Prostate_specif
ic_Ag_Mass_volume__in_Serum_or_Plasma_close_bracket_plus_immunizations_lifetime
_cost)
(covid_death_status)->((Major_depression_disorder)->(lifetime_care_plan_length_g
eq_minimumopen_bracket_Microalbumin_Creatinine_Ratio_or_absopen_bracket_age_clos
e_bracket_close_bracket))
(covid_death_status)->(lifetime_condition_length_leq_sqrtopen_bracket_healthcare
_coverage_close_bracket_divided_by_medications_lifetime_perc_covered)
(covid_death_status)->(lifetime_condition_length_leq_e_to_the_power_encounters_c
ount_divided_by_medications_active)
(covid_death_status)->(active_care_plan_length_geq_ceilopen_bracket_Carbon_Dioxi
de_close_bracket_divided_by_Creatinine)
(covid_death_status)->(lifetime_care_plans_leq_medications_lifetime_plus_procedu
res_lifetime_cost)
(covid_death_status)->(lifetime_condition_length_geq_active_conditions_squared_p
lus_lifetime_conditions)
(covid_death_status)->(lifetime_condition_length_geq_ceilopen_bracket_e_to_the_p
ower_Creatinine_close_bracket)
(covid_death_status)->(medications_lifetime_dispenses_geq_lifetime_condition_len
gth_times_sqrtopen_bracket_medications_active_close_bracket)
(covid_death_status)->(Potassium_geq_ceilopen_bracket_Chloride_close_bracket_min
us_mean_Chloride)
(covid_death_status)->(~(Intramuscular_injection))
(covid_death_status)->(~(Insertion_of_subcutaneous))
(covid_death_status)->((Smokes_tobacco_daily)->(mean_Pain_severity__0_10_verbal
_numeric_rating__Score___Reported_leq_Pain_severity__0_10_verbal_numeric_ratin
g__Score___Reported_times_e_to_the_power_medications_lifetime_dispenses))
(covid_death_status)->((Chronic_sinusitis_disord)->(lifetime_care_plan_length_g
eq_minimumopen_bracket_Microalbumin_Creatinine_Ratio_or_absopen_bracket_latitude
_close_bracket_close_bracket))
(~(healthcare_expenses_geq_e_to_the_power_QOLS_times_healthcare_coverage))->(cov
id_death_status)
((Coronary_Heart_Disease)&(Hypertension))->(covid_death_status)
((Malignant_neoplasm_of_bre)&(Alcoholism))->(covid_death_status)
(~(immunizations_lifetime_cost_geq_inverse_of_2_times_encounters_count_times_imm
unizations_lifetime))->(covid_death_status)
((Hyperglycemia_disorder)&(Alcoholism))->(covid_death_status)
(Triglycerides_leq_Prostate_specific_Ag_Mass_volume__in_Serum_or_Plasma_squared
_plus_mean_Sodium)->(covid_death_status)
(~(healthcare_coverage_geq_inverse_of_2_times_active_care_plans_times_encounters
_lifetime_payer_coverage))->(covid_death_status)
((Osteoarthritis_of_hip)&(Anemia_disorder_))->(covid_death_status)
(~(healthcare_coverage_geq_2_times_encounters_lifetime_payer_coverage_plus_medic
ations_lifetime))->(covid_death_status)

```

```

(Episiotomy)->(covid_death_status)
((Tubal_pregnancy)&(Smokes_tobacco_daily))->(covid_death_status)
((Physical_findings_of_ProstateProstate_enlarged_on_PR)&(Chronic_sinusitis__diso
rd))->(covid_death_status)
((Neuropathy_due_to_type_2_)&(Smokes_tobacco_daily))->(covid_death_status)
(~(procedures_lifetime_leq_minus_Triglycerides_plus_ceilopen_bracket_Total_Chol
esterol_close_bracket))->(covid_death_status)
(imaging_studies_lifetime_leq_immunizations_lifetime_cost_to_the_power_Platelet_
distribution_width__Entitic_volume__in_Blood_by_Automated_count)->(covid_death_s
tatus)
(medications_lifetime_cost_leq_e_to_the_power_medications_lifetime_length_divide
d_by_Prostate_specific_Ag__Mass_volume__in_Serum_or_Plasma)->(covid_death_status
)
(medications_active_geq_minimumopen_bracket_Pain_severity___0_10_verbal_numeric_
rating__Score___Reported_or_logopen_bracket_device_lifetime_length_close_bracke
t_divided_by_logopen_bracket_10_close_bracket_close_bracket)->(covid_death_statu
s)
(~(healthcare_expenses_geq_num_allergies_to_the_power_DALY))->(covid_death_statu
s)
(~(active_care_plans_geq_ceilopen_bracket_logopen_bracket_medications_active_clo
se_bracket_close_bracket))->(covid_death_status)
(~(healthcare_expenses_geq_flooropen_bracket_Aspartate_aminotransferase__Enzymat
ic_activity_volume__in_Serum_or_Plasma_close_bracket_to_the_power_medications_ac
tive))->(covid_death_status)
(~(latitude_leq_minus_active_care_plan_length_plus_flooropen_bracket_Triglyceri
des_close_bracket))->(covid_death_status)
(~(Respiratory_rate_leq_ceilopen_bracket_mean_Respiratory_rate_close_bracket))->
(covid_death_status)
(~(num_allergies_geq_imaging_studies_lifetime_minus_procedures_lifetime))->(covi
d_death_status)
(~(latitude_geq_minus_active_care_plan_length_plus_active_condition_length_plus
_1))->(covid_death_status)
(~(longitude_leq_minus_age_plus_logopen_bracket_healthcare_expenses_close_brack
et))->(covid_death_status)
(~(longitude_leq_maximumopen_bracket_Respiratory_rate_or__minus_active_care_plan
_length_close_bracket))->(covid_death_status)
(~(longitude_leq_10_to_the_power_QOLS_minus_QALY))->(covid_death_status)
((Drug_overdose)&(Hypertension))->(covid_death_status)
(~(age_leq_minus_immunizations_lifetime_plus_2_times_latitude))->(covid_death_s
tatus)
((Colonoscopy)&(Localized__primary_osteoa))->(covid_death_status)
(~(active_care_plans_geq_ceilopen_bracket_inverse_of_2_times_Creatinine_close_br
acket))->(covid_death_status)
((healthcare_coverage_geq_inverse_of_2_times_Potassium_times_encounters_lifetime
_payer_coverage)^(healthcare_expenses_leq_open_bracket_latitude_minus_1_close_br
acket_to_the_power_mean_Potassium))->(covid_death_status)
(~(lifetime_care_plans_leq_ceilopen_bracket_inverse_of_2_times_encounters_count_
close_bracket))->(covid_death_status)

```



```
(~(medications_lifetime_cost_leq_medications_lifetime_length_squared))->(covid_death_status)
(~(imaging_studies_lifetime_geq_flooropen_bracket_logopen_bracket_mean_Calcium_close_bracket_divided_by_logopen_bracket_10_close_bracket_close_bracket))->(covid_death_status)
```

```
[69]: print(len(alive_conjs))
      for p in alive_conjs:
          my_conclusion = get_conclusion(p)
          num_false = 0
          num_alive = 0
          for patient in test_dead+test_alive:
              try:# deal with missing values
                  if my_conclusion(patient) == False:
                      num_false += 1
                  if patient.covid_death_status() == False:
                      num_alive += 1
              except:
                  continue
          print(convert_name_back(p.__name__))
          print(num_false, num_alive/float(num_false))

      print(len(dead_conjs))
      for p in dead_conjs:
          my_premise = get_premise(p)
          num_true = 0
          num_dead = 0
          for patient in test_dead+test_alive:
              try:# deal with missing values
                  if my_premise(patient) == True:
                      num_true += 1
                  if patient.covid_death_status() == True:
                      num_dead += 1
              except:
                  continue
          print(convert_name_back(p.__name__))
          print(num_true, num_dead/float(num_true))
```

37

```
healthcare_expenses_leq_age_squared_times_encounters_lifetime_total_cost
(covid_death_status)->(healthcare_expenses<=age^2*encounters_lifetime_total_cost
)
0.9927148725102689
healthcare_coverage_leq_open_bracket_logopen_bracket_encounters_lifetime_total_cost_close_bracket_divided_by_logopen_bracket_10_close_bracket_close_bracket_to_the_power_active_condition_length
(covid_death_status)->(healthcare_coverage<=(log(encounters_lifetime_total_cost)
```

```

/log(10))^active_condition_length)
0.9934646539027983
procedures_lifetime_cost_leq_e_to_the_power_open_bracket_10_to_the_power_procedu
res_lifetime_close_bracket
(covid_death_status)->(procedures_lifetime_cost<=e^(10^procedures_lifetime))
0.8490566037735849
healthcare_expenses_leq_flooropen_bracket_Globulin__Mass_volume__in_Serum_by_cal
culation_close_bracket_to_the_power_Carbon_Dioxide
(covid_death_status)->(healthcare_expenses<=floor(Globulin__Mass_volume__in_Seru
m_by_calculation)^Carbon_Dioxide)
0.8258064516129032
longitude_leq__minus_active_condition_length_plus_immunizations_lifetime_cost_mi
nus_1
(covid_death_status)->(longitude<=-active_condition_length+immunizations_lifetim
e_cost-1)
0.8710562414266118
age_leq_ceilopen_bracket_QALY_close_bracket_divided_by_encounters_lifetime_perc_
covered
(covid_death_status)->(age<=ceil(QALY)/encounters_lifetime_perc_covered)
0.9541456110799177
healthcare_coverage_leq_10_to_the_power_DALY_divided_by_num_allergies
(covid_death_status)->(healthcare_coverage<=10^DALY/num_allergies)
0.9653302343598683
age_leq_Body_Mass_Index_times_ceilopen_bracket_Hemoglobin_A1c_Hemoglobin_total_i
n_Blood_close_bracket
(covid_death_status)->(age<=Body_Mass_Index*ceil(Hemoglobin_A1c_Hemoglobin_total
_in_Blood))
0.6928571428571428
healthcare_coverage_geq_open_bracket_inverse_of_2_times_Body_Height_close_bracke
t_to_the_power_immunizations_lifetime
(covid_death_status)->(healthcare_coverage>=(1/2*Body_Height)^immunizations_lif
etime)
0.9674019952227062
healthcare_expenses_geq_minimumopen_bracket_medications_lifetime_cost_or_inverse
_of_procedures_lifetime_close_bracket
(covid_death_status)->(healthcare_expenses>=minimum(medications_lifetime_cost,1/
procedures_lifetime))
0.9423592493297587
mean_Potassium_geq_ceilopen_bracket_Carbon_Dioxide_close_bracket_minus_mean_Carb
on_Dioxide
(covid_death_status)->(mean_Potassium>=ceil(Carbon_Dioxide)-mean_Carbon_Dioxide)
0.8635235732009926
latitude_leq__minus_Carbon_Dioxide_plus_ceilopen_bracket_Glucose_close_bracket
(covid_death_status)->(latitude<=-Carbon_Dioxide+ceil(Glucose))
0.8976293103448276
healthcare_coverage_geq_10_to_the_power_active_care_plans_divided_by_QALY
(covid_death_status)->(healthcare_coverage>=10^active_care_plans/QALY)
0.9349514563106797

```

```

healthcare_coverage_geq_minimumopen_bracket_encounters_lifetime_total_cost_or_e_
to_the_power_active_conditions_close_bracket
(covid_death_status)->(healthcare_coverage>=minimum(encounters_lifetime_total_co
st,e^active_conditions))
0.9458874458874459
lifetime_care_plans_leq_maximumopen_bracket_Respiratory_rate_or_active_condition
s_minus_1_close_bracket
(covid_death_status)->(lifetime_care_plans<=maximum(Respiratory_rate,active_cond
itions-1))
0.9903508771929824
healthcare_coverage_geq_active_care_plans_times_sqrtopen_bracket_healthcare_expe
nses_close_bracket
(covid_death_status)->(healthcare_coverage>=active_care_plans*sqrt(healthcare_ex
penses))
0.966113660430639
latitude_leq_flooropen_bracket_Erythrocyte_distribution_width__Entitic_volume__b
y_Automated_count_close_bracket_plus_medications_active
(covid_death_status)->(latitude<=floor(Erythrocyte_distribution_width__Entitic_v
olume__by_Automated_count)+medications_active)
0.9509499136442142
latitude_leq_age_plus_immunizations_lifetime_cost_minus_1
(covid_death_status)->(latitude<=age+immunizations_lifetime_cost-1)
0.9953993904192305
latitude_geq_encounters_lifetime_perc_covered_times_flooropen_bracket_active_con
dition_length_close_bracket
(covid_death_status)->(latitude>=encounters_lifetime_perc_covered*floor(active_c
ondition_length))
0.8236590742101396
latitude_geq_sqrtopen_bracket_age_close_bracket_divided_by_QOLS
(covid_death_status)->(latitude>=sqrt(age)/QOLS)
0.9524001613553852
longitude_leq_minus_QALY_times_medications_lifetime_perc_covered
(covid_death_status)->(longitude<=-QALY*medications_lifetime_perc_covered)
0.8513931888544891
Polyp_of_colon->Anemia__disorder_
(covid_death_status)->((Polyp_of_colon)->(Anemia__disorder_))
0.8575129533678757
age_geq_logopen_bracket_active_conditions_close_bracket_divided_by_logopen_brack
et_10_close_bracket_plus_active_condition_length
(covid_death_status)->(age>=log(active_conditions)/log(10)+active_condition_leng
th)
0.9823126981478392
lifetime_care_plans_leq_flooropen_bracket_Prostate_specific_Ag__Mass_volume__in_
Serum_or_Plasma_close_bracket_plus_immunizations_lifetime_cost
(covid_death_status)->(lifetime_care_plans<=floor(Prostate_specific_Ag__Mass_vol
ume__in_Serum,Plasma)+immunizations_lifetime_cost)
0.8540925266903915
Major_depression_disorder->lifetime_care_plan_length_geq_minimumopen_bracket_Mic

```

```

roalbumin_Creatinine_Ratio_or_absopen_bracket_age_close_bracket_close_bracket
(covid_death_status)->((Major_depression_disorder)->(lifetime_care_plan_length>=
minimum(Microalbumin_Creatinine_Ratio,abs(age))))
0.9914255091103966
lifetime_condition_length_leq_sqrtopen_bracket_healthcare_coverage_close_bracket
_divided_by_medications_lifetime_perc_covered
(covid_death_status)->(lifetime_condition_length<=sqrt(healthcare_coverage)/medi
cations_lifetime_perc_covered)
0.8892575694732476
lifetime_condition_length_leq_e_to_the_power_encounters_count_divided_by_medicat
ions_active
(covid_death_status)->(lifetime_condition_length<=e^encounters_count/medications
_active)
0.9643879173290938
active_care_plan_length_geq_ceilopen_bracket_Carbon_Dioxide_close_bracket_divide
d_by_Creatinine
(covid_death_status)->(active_care_plan_length>=ceil(Carbon_Dioxide)/Creatinine)
0.9489939992940346
lifetime_care_plans_leq_medications_lifetime_plus_procedures_lifetime_cost
(covid_death_status)->(lifetime_care_plans<=medications_lifetime+procedures_lif
e_time_cost)
0.9840906614361992
lifetime_condition_length_geq_active_conditions_squared_plus_lifetime_conditions
(covid_death_status)->(lifetime_condition_length>=active_conditions^2+lifetime_c
onditions)
0.986183355006502
lifetime_condition_length_geq_ceilopen_bracket_e_to_the_power_Creatinine_close_b
racket
(covid_death_status)->(lifetime_condition_length>=ceil(e^Creatinine))
0.9138655462184874
medications_lifetime_dispenses_geq_lifetime_condition_length_times_sqrtopen_brac
ket_medications_active_close_bracket
(covid_death_status)->(medications_lifetime_dispenses>=lifetime_condition_length
*sqrt(medications_active))
0.9302657902257788
Potassium_geq_ceilopen_bracket_Chloride_close_bracket_minus_mean_Chloride
(covid_death_status)->(Potassium>=ceil(Chloride)-mean_Chloride)
0.8391123439667129
~Intramuscular_injection
(covid_death_status)->(~(Intramuscular_injection))
0.9927821522309711
~Insertion_of_subcutaneous
(covid_death_status)->(~(Insertion_of_subcutaneous))
0.9901129943502824
Smokes_tobacco_daily->mean_Pain_severity___0_10_verbal_numeric_rating__Score____
Reported_leq_Pain_severity___0_10_verbal_numeric_rating__Score____Reported_times
_e_to_the_power_medications_lifetime_dispenses
(covid_death_status)->((Smokes_tobacco_daily)->(mean_Pain_severity___0_10_verbal

```

```

_numeric_rating__Score___Reported<=Pain_severity___0_10_verbal_numeric_rating__
Score___Reported*e^medications_lifetime_dispenses))
0.9791473586654309
Chronic_sinusitis__disord->lifetime_care_plan_length_geq_minimumopen_bracket_Mic
roalbumin_Creatinine_Ratio_or_absopen_bracket_latitude_close_bracket_close_brack
et
(covid_death_status)->((Chronic_sinusitis__disord)->(lifetime_care_plan_length>=
minimum(Microalbumin_Creatinine_Ratio,abs(latitude))))
0.972632382892057
35
~healthcare_expenses_geq_e_to_the_power_QOLS_times_healthcare_coverage
(~(healthcare_expenses>=e^QOLS*healthcare_coverage))->(covid_death_status)
0.16390728476821192
Coronary_Heart_Disease&Hypertension
((Coronary_Heart_Disease)&(Hypertension))->(covid_death_status)
0.17848036715961244
Malignant_neoplasm_of_bre&Alcoholism
((Malignant_neoplasm_of_bre)&(Alcoholism))->(covid_death_status)
0.14802631578947367
~immunizations_lifetime_cost_geq_inverse_of_2_times_encounters_count_times_immun
izations_lifetime
(~(immunizations_lifetime_cost>=1/2*encounters_count*immunizations_lifetime))->(
covid_death_status)
0.2465642683912692
Hyperglycemia__disorder_&Alcoholism
((Hyperglycemia__disorder_)&(Alcoholism))->(covid_death_status)
0.12167689161554192
Triglycerides_leq_Prostate_specific_Ag__Mass_volume__in_Serum_or_Plasma_squared_
plus_mean_Sodium
(Triglycerides<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2+mean_Sodium
)->(covid_death_status)
0.17276814386640976
~healthcare_coverage_geq_inverse_of_2_times_active_care_plans_times_encounters_l
ifetime_payer_coverage
(~(healthcare_coverage>=1/2*active_care_plans*encounters_lifetime_payer_coverage
))->(covid_death_status)
0.098568281938326
Osteoarthritis_of_hip&Anemia__disorder_
((Osteoarthritis_of_hip)&(Anemia__disorder_))->(covid_death_status)
0.11278195488721804
~healthcare_coverage_geq_2_times_encounters_lifetime_payer_coverage_plus_medicat
ions_lifetime
(~(healthcare_coverage>=2*encounters_lifetime_payer_coverage+medications_lifetim
e))->(covid_death_status)
0.05862679519968522
Episiotomy
(Episiotomy)->(covid_death_status)
0.009433962264150943

```

Tubal_pregnancy&Smokes_tobacco_daily
 ((Tubal_pregnancy)&(Smokes_tobacco_daily))->(covid_death_status)
 0.10913705583756345
 Physical_findings_of_ProstateProstate_enlarged_on_PR&Chronic_sinusitis__disord
 ((Physical_findings_of_ProstateProstate_enlarged_on_PR)&(Chronic_sinusitis__diso
 rd))->(covid_death_status)
 0.17488789237668162
 Neuropathy_due_to_type_2_&Smokes_tobacco_daily
 ((Neuropathy_due_to_type_2_)&(Smokes_tobacco_daily))->(covid_death_status)
 0.13582089552238805
 ~procedures_lifetime_leq_minus_Triglycerides_plus_ceilopen_bracket_Total_Choles
 terol_close_bracket
 (~(procedures_lifetime<=-Triglycerides+ceil(Total_Cholesterol)))->(covid_death_s
 tatus)
 0.13774205334307635
 imaging_studies_lifetime_leq_immunizations_lifetime_cost_to_the_power_Platelet_d
 istribution_width__Entitic_volume__in_Blood_by_Automated_count
 (imaging_studies_lifetime<=immunizations_lifetime_cost^Platelet_distribution_wid
 th__Entitic_volume__in_Blood_by_Automated_count)->(covid_death_status)
 0.09213759213759214
 medications_lifetime_cost_leq_e_to_the_power_medications_lifetime_length_divided
 _by_Prostate_specific_Ag__Mass_volume__in_Serum_or_Plasma
 (medications_lifetime_cost<=e^medications_lifetime_length/Prostate_specific_Ag__
 Mass_volume__in_Serum,Plasma)->(covid_death_status)
 0.06684856753069578
 medications_active_geq_minimumopen_bracket_Pain_severity__0_10_verbal_numeric_r
 ating__Score____Reported_or_logopen_bracket_device_lifetime_length_close_bracket
 _divided_by_logopen_bracket_10_close_bracket_close_bracket
 (medications_active>=minimum(Pain_severity__0_10_verbal_numeric_rating__Score__
 __Reported,log(device_lifetime_length)/log(10)))->(covid_death_status)
 0.14307931570762053
 ~healthcare_expenses_geq_num_allergies_to_the_power_DALY
 (~(healthcare_expenses>=num_allergies^DALY))->(covid_death_status)
 0.0798004987531172
 ~active_care_plans_geq_ceilopen_bracket_logopen_bracket_medications_active_close
 _bracket_close_bracket
 (~(active_care_plans>=ceil(log(medications_active))))->(covid_death_status)
 0.08629441624365482
 ~healthcare_expenses_geq_flooropen_bracket_Aspartate_aminotransferase__Enzymatic
 _activity_volume__in_Serum_or_Plasma_close_bracket_to_the_power_medications_acti
 ve
 (~(healthcare_expenses>=floor(Aspartate_aminotransferase__Enzymatic_activity_vol
 ume__in_Serum,Plasma)^medications_active))->(covid_death_status)
 0.2153991497401984
 ~latitude_leq_minus_active_care_plan_length_plus_flooropen_bracket_Triglyceride
 s_close_bracket
 (~(latitude<=-active_care_plan_length+floor(Triglycerides)))->(covid_death_statu
 s)

```

0.21818181818181817
~Respiratory_rate_leq_ceilopen_bracket_mean_Respiratory_rate_close_bracket
(~(Respiratory_rate<=ceil(mean_Respiratory_rate)))->(covid_death_status)
0.12800620636152055
~num_allergies_geq_imaging_studies_lifetime_minus_procedures_lifetime
(~(num_allergies>=imaging_studies_lifetime-
procedures_lifetime))->(covid_death_status)
0.12
~latitude_geq_minus_active_care_plan_length_plus_active_condition_length_plus_1
(~(latitude>=-active_care_plan_length+active_condition_length+1))->(covid_death_
status)
0.0725925925925926
~longitude_leq_minus_age_plus_logopen_bracket_healthcare_expenses_close_bracket
(~(longitude<=-age+log(healthcare_expenses)))->(covid_death_status)
0.24567474048442905
~longitude_leq_maximumopen_bracket_Respiratory_rate_or_minus_active_care_plan_l
ength_close_bracket
(~(longitude<=maximum(Respiratory_rate,-active_care_plan_length)))->(covid_death
_status)
0.11363636363636363
~longitude_leq_10_to_the_power_QOLS_minus_QALY
(~(longitude<=10^QOLS-QALY))->(covid_death_status)
0.1714614499424626
Drug_overdose&Hypertension
((Drug_overdose)&(Hypertension))->(covid_death_status)
0.09946236559139784
~age_leq_minus_immunizations_lifetime_plus_2_times_latitude
(~(age<=-immunizations_lifetime+2*latitude))->(covid_death_status)
0.25617792421746294
Colonoscopy&Localized__primary_osteoarthritis
((Colonoscopy)&(Localized__primary_osteoarthritis))->(covid_death_status)
0.15346534653465346
~active_care_plans_geq_ceilopen_bracket_inverse_of_2_times_Creatinine_close_brac
ket
(~(active_care_plans>=ceil(1/2*Creatinine)))->(covid_death_status)
0.07538940809968847
healthcare_coverage_geq_inverse_of_2_times_Potassium_times_encounters_lifetime_p
ayer_coverage^healthcare_expenses_leq_open_bracket_latitude_minus_1_close_bracke
t_to_the_power_mean_Potassium
((healthcare_coverage>=1/2*Potassium*encounters_lifetime_payer_coverage)^(health
care_expenses<=(latitude-1)^mean_Potassium))->(covid_death_status)
0.09913793103448276
~lifetime_care_plans_leq_ceilopen_bracket_inverse_of_2_times_encounters_count_cl
ose_bracket
(~(lifetime_care_plans<=ceil(1/2*encounters_count)))->(covid_death_status)
0.01815766164747564
~medications_lifetime_cost_leq_medications_lifetime_length_squared
(~(medications_lifetime_cost<=medications_lifetime_length^2))->(covid_death_stat

```

```

us)
0.02247557003257329
~imaging_studies_lifetime_geq_flooropen_bracket_logopen_bracket_mean_Calcium_close_bracket_divided_by_logopen_bracket_10_close_bracket_close_bracket
(~(imaging_studies_lifetime>=floor(log(mean_Calcium)/log(10))))->(covid_death_status)
0.08741594620557157

```

7.2 Covid Death Status among Those with Covid

```

[70]: # only pick people with covid
covid_dead = [patient for patient in p_examples_list if (patient.
    ↳ covid_death_status() and patient.covid_status())]
covid_alive = [patient for patient in p_examples_list if (not patient.
    ↳ covid_death_status() and patient.covid_status())]

print(len(covid_dead), len(covid_alive))

np.random.shuffle(covid_dead)
np.random.shuffle(covid_alive)

train_dead = covid_dead[0:100]
train_alive = covid_alive[0:100]

test_dead = covid_dead[100:]
test_alive = covid_alive[100:]

```

5568 68129

```

[71]: covid_invariants = invariants

covid_dead_properties = []
covid_alive_properties = []
use_operators = { '-1', '+1', '*2', '/2', '^2', '-( )', '1/', 'sqrt', 'ln',
    ↳ 'log10', 'exp', '10^', 'ceil', 'floor', 'abs', '+', '*', 'max', 'min', '-',
    ↳ '/', '^'}

# not dead patients
print("Alive")
for inv in covid_invariants:
    #print(inv.__name__)
    inv_of_interest = covid_invariants.index(inv)
    # upper bounds
    conjs = conjecture(train_alive,

```



```

        covid_invariants,
        inv_of_interest,
        operators=use_operators,
        upperBound=True,
        debug=False,
        skips=myskips)
convert_conjecture_names(conjs)
#for c in conjs:
#    print(c)
covid_alive_properties += conjs
# lower bounds
conjs = conjecture(train_alive,
                   covid_invariants,
                   inv_of_interest,
                   operators=use_operators,
                   upperBound=False,
                   debug=False,
                   skips=myskips)
convert_conjecture_names(conjs)
#for c in conjs:
#    print(c)
covid_alive_properties += conjs
count = 0
#for conj in covid_alive_properties:
#    count +=1
#    print(count, convert_name_back(conj.__name__))

# dead patients
print("Dead")
for inv in covid_invariants:
    #print(inv.__name__)
    inv_of_interest = covid_invariants.index(inv)
    # upper bounds
    conjs = conjecture(train_dead,
                       covid_invariants,
                       inv_of_interest,
                       operators=use_operators,
                       upperBound=True,
                       debug=False,
                       skips=myskips)
    convert_conjecture_names(conjs)
    #for c in conjs:
    #    print(c)
    covid_dead_properties += conjs
    # lower bounds
    conjs = conjecture(train_dead,
                       covid_invariants,

```

```

        inv_of_interest,
        operators=use_operators,
        upperBound=False,
        debug=False,
        skips=myskips)
    convert_conjecture_names(conjs)
    #for c in conjs:
    #    print(c)
    covid_dead_properties += conjs
count = 0
#for conj in covid_dead_properties:
#    count +=1
#    print(count, convert_name_back(conj.__name__))
print("Number of dead, alive properties")
print(len(covid_dead_properties), len(covid_alive_properties))

all_covid_properties = properties + covid_alive_properties +
    covid_dead_properties
all_covid_properties.append(Patient.covid_death_status)

target_prop = len(all_covid_properties)-1
alive_conjs = propertyBasedConjecture(objects=train_alive+train_dead,
        properties = all_covid_properties,
        mainProperty=target_prop,
        sufficient=False,
        skips=myskips)

dead_conjs = propertyBasedConjecture(objects=train_alive+train_dead,
        properties = all_covid_properties,
        mainProperty=target_prop,
        sufficient=True,
        skips=myskips)

count = 0
for p in alive_conjs:
    #print(count, ".", convert_name_back(p.__name__))
    count += 1
for p in dead_conjs:
    #print(count, ".", convert_name_back(p.__name__))
    count += 1

print("Property Conjectures")
print(len(alive_conjs))
for p in alive_conjs:
    print(convert_name_back(p.__name__))
    my_conclusion = get_conclusion(p)

```

```

num_false = 0
num_alive = 0
for patient in test_dead+test_alive:
    try: # deal with missing values
        if my_conclusion(patient) == False:
            num_false += 1
            if patient.covid_death_status() == False:
                num_alive += 1
    except:
        continue
print(num_false, num_alive/float(num_false))
print(len(dead_conjs))
for p in dead_conjs:
    print(convert_name_back(p.__name__))
    my_premise = get_premise(p)
    num_true = 0
    num_dead = 0
    for patient in test_dead+test_alive:
        try: # deal with missing values
            if my_premise(patient) == True:
                num_true += 1
                if patient.covid_death_status() == True:
                    num_dead += 1
        except:
            continue
    print(num_true, num_dead/float(num_true))

```

Alive

```

1 healthcare_expenses<=latitude^4
2 healthcare_expenses<=10^sqrt(latitude)
3 healthcare_expenses<=Body_Height*Systolic_Blood_Pressure^2
4 healthcare_expenses<=(log(Hemoglobin_Mass_volume_in_Blood)/log(10))^Systolic
_Blood_Pressure
5
healthcare_expenses<=Hematocrit_Volume_Fraction_of_Blood_by_Automated_count^4
6 healthcare_expenses<=Systolic_Blood_Pressure^2*encounters_lifetime_total_cost
7 healthcare_expenses<=(Potassium+1)^Calcium
8 healthcare_expenses<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^mean_Esti
mated_Glomerular_Filtration_Rate
9 healthcare_expenses<=2*healthcare_coverage*mean_Alkaline_phosphatase__Enzymati
c_activity_volume_in_Serum,Plasma
10 healthcare_expenses<=log(Heart_rate)^Platelet_mean_volume__Entitic_volume_in
_Blood_by_Automated_count
11 healthcare_expenses<=10^active_care_plan_length/Calcium
12 healthcare_expenses<=10^Urea_Nitrogen/Respiratory_rate
13 healthcare_expenses<=healthcare_coverage^2/medications_active
14 healthcare_expenses<=10^Erythrocytes___volume_in_Blood_by_Automated_count*m

```

```

ean_MCV__Entitic_volume__by_Automated_count
15 healthcare_expenses<=age^Leukocytes___volume__in_Blood_by_Automated_count
16 healthcare_expenses<=(2*encounters_lifetime_total_cost)^Microalbumin_Creatini
ne_Ratio
17 healthcare_expenses<=medications_lifetime_length^2-Glomerular_filtration_rate
_1_73_sq_M_predicted
18 healthcare_expenses<=Sodium*Systolic_Blood_Pressure^2
19 healthcare_expenses<=Total_Cholesterol^2*age
20 healthcare_expenses<=e^age/medications_lifetime_length
21 healthcare_expenses<=mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood^Respirator
y_rate
22 healthcare_expenses<=e^QALY/procedures_lifetime_cost
23 healthcare_expenses<=(log(Glucose)/log(10))^Alanine_aminotransferase__Enzymat
ic_activity_volume__in_Serum,Plasma
24 healthcare_expenses<=(log(age)/log(10))^High_Density_Lipoprotein_Cholesterol
25 healthcare_expenses<=log(lifetime_conditions)^Chloride
26 healthcare_expenses<=Body_Height*Chloride^2
27
healthcare_expenses<=e^active_condition_length/medications_lifetime_perc_covered
28 healthcare_expenses<=10^encounters_count*Carbon_Dioxide
29 healthcare_expenses<=Chloride*Sodium^2
30 healthcare_expenses<=sqrt(encounters_lifetime_payer_coverage)^Albumin__Mass_v
olume__in_Serum,Plasma
31 healthcare_expenses<=e^Carbon_Dioxide/lifetime_condition_length
32 healthcare_expenses<=Body_Height*Triglycerides^2
33 healthcare_expenses<=(log(QALY)/log(10))^Hematocrit__Volume_Fraction__of_Bloo
d_by_Automated_count
34 healthcare_expenses<=medications_lifetime_length^2/num_allergies
35 healthcare_expenses<=medications_lifetime_length^2/medications_lifetime_perc_
covered
36 healthcare_expenses<=(log(medications_lifetime_length)/log(10))^Hemoglobin__M
ass_volume__in_Blood
37 healthcare_expenses<=10^medications_lifetime_dispenses/medications_active
38 healthcare_expenses<=Body_Height^2*Diastolic_Blood_Pressure
39 healthcare_expenses<=e^QALY/device_lifetime_length
40 healthcare_expenses<=e^Respiratory_rate*mean_Respiratory_rate
41 healthcare_expenses<=(Heart_rate+1)^mean_Leukocytes___volume__in_Blood_by_Au
tomated_count
42 healthcare_expenses<=Body_Height^2*Low_Density_Lipoprotein_Cholesterol
43 healthcare_expenses<=10^Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma/procedures_lifetime_cost
44 healthcare_expenses<=Body_Height^2*mean_Diastolic_Blood_Pressure
45 healthcare_expenses<=log(Body_Height)^mean_Calcium
46
healthcare_expenses<=log(MCH__Entitic_mass__by_Automated_count)^Respiratory_rate
47
healthcare_expenses<=sqrt(Potassium)^mean_Estimated_Glomerular_Filtration_Rate
48 healthcare_expenses<=(Alanine_aminotransferase__Enzymatic_activity_volume__in

```

```

_Serum,Plasma-1)^mean_Potassium
49 healthcare_expenses<=Protein__Mass_volume__in_Serum,Plasma^2*medications_life
time_dispenses
50 healthcare_expenses<=Low_Density_Lipoprotein_Cholesterol*e^Platelet_mean_volu
me__Entitic_volume__in_Blood_by_Automated_count
51 healthcare_expenses<=Platelets___volume__in_Blood_by_Automated_count^2*QALY
52 healthcare_expenses<=e^Estimated_Glomerular_Filtration_Rate/mean_Potassium
53 healthcare_expenses>=e^encounters_lifetime_perc_covered*healthcare_coverage
54
healthcare_expenses>=log(medications_lifetime_cost)*medications_lifetime_length
55 healthcare_expenses>=4*latitude^2
56 healthcare_expenses>=2*e^lifetime_care_plans
57 healthcare_expenses>=(lifetime_condition_length+1)^2
58 healthcare_expenses>=1/2*encounters_lifetime_payer_coverage*latitude
59 healthcare_expenses>=(MCH__Entitic_mass__by_Automated_count^2)^immunizations_
lifetime
60 healthcare_expenses>=Heart_rate^2*procedures_lifetime
61 healthcare_expenses>=2*medications_lifetime_cost/encounters_count
62 healthcare_expenses>=Glucose*Urea_Nitrogen^2
63 healthcare_expenses>=ceil(medications_lifetime_cost)/medications_lifetime
64 healthcare_expenses>=Heart_rate*High_Density_Lipoprotein_Cholesterol^2
65 healthcare_expenses>=sqrt(Systolic_Blood_Pressure)^Erythrocytes___volume__in
_Blood_by_Automated_count
66 healthcare_expenses>=medications_lifetime_cost*medications_lifetime_perc_cove
red^2
67 healthcare_expenses>=active_conditions*age^2
68 healthcare_expenses>=log(Erythrocyte_distribution_width__Entitic_volume__by_A
utomated_count)*medications_lifetime_cost/log(10)
69 healthcare_expenses>=(active_care_plans^2)^mean_Creatinine
70 healthcare_expenses>=(log(Glucose)/log(10))^lifetime_conditions
71 healthcare_expenses>=(healthcare_coverage+1)/Bilirubin_total__Mass_volume__in
_Serum,Plasma
72 healthcare_expenses>=(active_condition_length+1)^Globulin__Mass_volume__in_Se
rum_by_calculation
73 healthcare_expenses>=2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_cou
nt*medications_lifetime_length
74 healthcare_expenses>=Estimated_Glomerular_Filtration_Rate^2*Systolic_Blood_Pr
essure
75 healthcare_expenses>=(Body_Mass_Index+1)^num_allergies
76 healthcare_expenses>=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*encounters_li
fetime_total_cost
77 healthcare_expenses>=active_conditions^mean_Potassium
78 healthcare_expenses>=encounters_lifetime_payer_coverage^2/mean_Glomerular_fil
tration_rate_1_73_sq_M_predicted
79 healthcare_expenses>=10^Pain_severity___0_10_verbal_numeric_rating__Score____
Reported*encounters_count
80 healthcare_expenses>=10^imaging_studies_lifetime*healthcare_coverage
81 healthcare_expenses>=sqrt(device_lifetime_length)*medications_lifetime_cost

```

```

82 healthcare_expenses>=10^device_lifetime_length*Platelets___volume__in_Blood_
by_Automated_count
83 healthcare_expenses>=10^medications_active+Hemoglobin_A1c_Hemoglobin_total_in
_Blood
84 healthcare_expenses>=encounters_count*medications_lifetime
85 healthcare_expenses>=High_Density_Lipoprotein_Cholesterol*QALY^2
86 healthcare_expenses>=(e^immunizations_lifetime)^Hemoglobin_gastrointestinal__
Presence__in_Stool_by_Immunologic_method
87 healthcare_expenses>=sqrt(Estimated_Glomerular_Filtration_Rate)*procedures_li
fetime_cost
88 healthcare_expenses>=log(MCH__Entitic_mass__by_Automated_count)^Leukocytes___
_volume__in_Blood_by_Automated_count
89 healthcare_expenses>=(procedures_lifetime^2)^Globulin__Mass_volume__in_Serum_
by_calculation
90 healthcare_expenses>=(Body_Mass_Index^2)^immunizations_lifetime
91 healthcare_expenses>=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Se
rum,Plasma*encounters_lifetime_payer_coverage
92 healthcare_expenses>=Body_Height*DALY^2
93 healthcare_expenses>=longitude^2+healthcare_coverage
94 healthcare_expenses>=(log(Chloride)/log(10))^mean_Urea_Nitrogen
95 healthcare_expenses>=DALY*latitude^2
96 healthcare_expenses>=minimum(medications_lifetime_cost,1/active_conditions)
97 healthcare_expenses>=e^QOLS*healthcare_coverage
98 healthcare_expenses>=(log(Urea_Nitrogen)/log(10))^Estimated_Glomerular_Filtra
tion_Rate
99
healthcare_expenses>=Albumin__Mass_volume__in_Serum,Plasma^procedures_lifetime
100 healthcare_expenses>=10^Pain_severity___0_10_verbal_numeric_rating__Score___
_Reported*medications_lifetime
101 healthcare_expenses>=e^Pain_severity___0_10_verbal_numeric_rating__Score____
_Reported*medications_lifetime_length
102 healthcare_expenses>=sqrt(High_Density_Lipoprotein_Cholesterol)^active_care_
plans
103 healthcare_expenses>=age^2*lifetime_conditions
104 healthcare_expenses>=sqrt(lifetime_conditions)*procedures_lifetime_cost
105 healthcare_expenses>=1/4*medications_lifetime_cost
106
healthcare_expenses>=10^Albumin__Mass_volume__in_Serum,Plasma*active_care_plans
107 healthcare_expenses>=MCH__Entitic_mass__by_Automated_count*MCV__Entitic_volu
me__by_Automated_count^2
108 healthcare_expenses>=(1/2*Estimated_Glomerular_Filtration_Rate)^medications_
active
109 healthcare_expenses>=10^num_allergies*Chloride
110 healthcare_expenses>=(1/2*num_allergies)^DALY
111 healthcare_expenses>=Body_Height^2*device_lifetime_length
112 healthcare_expenses>=(1/2*Calcium)^medications_active
113 healthcare_expenses>=sqrt(active_conditions)^Hemoglobin_gastrointestinal__Pr
esence__in_Stool_by_Immunologic_method

```

```

114 healthcare_expenses>=log(active_condition_length)*procedures_lifetime_cost
115 healthcare_expenses>=lifetime_condition_length^2+medications_lifetime_length
116 healthcare_expenses>=Glomerular_filtration_rate_1_73_sq_M_predicted^2*encoun
ters_count
117 healthcare_expenses>=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^device_
lifetime_length
118 healthcare_expenses>=medications_active^2*medications_lifetime_length
119 healthcare_expenses>=Pain_severity___0_10_verbal_numeric_rating__Score____Re
ported*e^Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
120 healthcare_expenses>=(1/Creatinine)^Carbon_Dioxide
121 healthcare_expenses>=minimum(medications_lifetime_cost,1/medications_active)
122 healthcare_expenses>=10^Erythrocytes___volume__in_Blood_by_Automated_count*
active_care_plans
123 healthcare_coverage<=encounters_lifetime_total_cost+1/2*healthcare_expenses
124 healthcare_coverage<=Heart_rate^2*encounters_count
125 healthcare_coverage<=(Low_Density_Lipoprotein_Cholesterol-1)*Platelet_distri
bution_width__Entitic_volume__in_Blood_by_Automated_count
126 healthcare_coverage<=e^Hemoglobin__Mass_volume__in_Blood/Diastolic_Blood_Pre
ssure
127 healthcare_coverage<=1/2*Platelets___volume__in_Blood_by_Automated_count^2
128 healthcare_coverage<=(2*Glomerular_filtration_rate_1_73_sq_M_predicted)^Glob
ulin__Mass_volume__in_Serum_by_calculation
129 healthcare_coverage<=e^(mean_Respiratory_rate-1)
130
healthcare_coverage<=encounters_lifetime_payer_coverage+1/2*healthcare_expenses
131 healthcare_coverage<=(healthcare_expenses-1)/num_allergies
132 healthcare_coverage<=encounters_lifetime_total_cost^2/DALY
133 healthcare_coverage<=1/2*healthcare_expenses/imaging_studies_lifetime
134 healthcare_coverage<=(healthcare_expenses-1)/device_lifetime_length
135 healthcare_coverage<=encounters_lifetime_payer_coverage*floor(High_Density_L
ipoprotein_Cholesterol)
136 healthcare_coverage<=(healthcare_expenses-1)/mean_Pain_severity___0_10_verba
l_numeric_rating__Score____Reported
137 healthcare_coverage<=active_care_plan_length^Potassium
138
healthcare_coverage<=mean_Glucose^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
139 healthcare_coverage<=medications_lifetime_length^2/Glomerular_filtration_rat
e_1_73_sq_M_predicted
140 healthcare_coverage<=encounters_lifetime_payer_coverage*e^Potassium
141 healthcare_coverage<=encounters_lifetime_payer_coverage^Sodium
142 healthcare_coverage<=10^Microalbumin_Creatinine_Ratio*Total_Cholesterol
143 healthcare_coverage<=floor(medications_lifetime_cost)/medications_lifetime_p
erc_covered
144 healthcare_coverage<=Carbon_Dioxide*e^Calcium
145 healthcare_coverage<=Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma^2*lifetime_care_plan_length
146 healthcare_coverage<=Calcium*e^active_care_plan_length
147 healthcare_coverage<=(encounters_lifetime_payer_coverage-1)*mean_Estimated_G

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lomerular_Filtration_Rate
148 healthcare_coverage<=MCHC__Mass_volume__by_Automated_count^2*mean_High_Densi
ty_Lipoprotein_Cholesterol
149 healthcare_coverage<=(10^Calcium)^Creatinine
150
healthcare_coverage<=(2*latitude)^Globulin__Mass_volume__in_Serum_by_calculation
151 healthcare_coverage<=(log(medications_lifetime_cost)/log(10))^Body_Weight
152 healthcare_coverage<=encounters_lifetime_total_cost^2/active_care_plans
153 healthcare_coverage<=(1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^QALY
154 healthcare_coverage<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count^Erythrocytes___volume__in_Blood_by_Automated_count
155 healthcare_coverage<=10^Potassium*mean_Estimated_Glomerular_Filtration_Rate
156 healthcare_coverage<=encounters_lifetime_total_cost^2/active_conditions
157 healthcare_coverage<=Body_Weight^2*mean_Microalbumin_Creatinine_Ratio
158 healthcare_coverage<=10^sqrt(age)
159 healthcare_coverage<=e^QALY/Respiratory_rate
160 healthcare_coverage<=maximum(medications_lifetime_cost,Body_Height^2)
161 healthcare_coverage<=e^Hemoglobin__Mass_volume__in_Blood/encounters_count
162 healthcare_coverage<=(1/2*Leukocytes___volume__in_Blood_by_Automated_count)
^Respiratory_rate
163
healthcare_coverage<=maximum(medications_lifetime_cost,1/2*healthcare_expenses)
164 healthcare_coverage<=2*healthcare_expenses/procedures_lifetime
165 healthcare_coverage<=10^active_conditions*Potassium
166 healthcare_coverage<=10^active_conditions-
Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
167 healthcare_coverage<=(log(latitude)/log(10))^age
168 healthcare_coverage<=age*longitude^2
169 healthcare_coverage<=Diastolic_Blood_Pressure^2*High_Density_Lipoprotein_Cho
lesterol
170 healthcare_coverage<=encounters_lifetime_payer_coverage^2/num_allergies
171 healthcare_coverage<=Heart_rate*age^2
172 healthcare_coverage<=log(active_condition_length)^Platelet_mean_volume__Enti
tic_volume__in_Blood_by_Automated_count
173 healthcare_coverage<=e^Calcium+medications_lifetime_cost
174 healthcare_coverage<=encounters_lifetime_total_cost^2/Carbon_Dioxide
175
healthcare_coverage<=e^active_care_plan_length/medications_lifetime_perc_covered
176 healthcare_coverage<=e^lifetime_care_plan_length/device_lifetime_length
177
healthcare_coverage<=(log(procedures_lifetime_cost)/log(10))^mean_Urea_Nitrogen
178 healthcare_coverage<=medications_lifetime_length^2/Alkaline_phosphatase__Enz
ymatic_activity_volume__in_Serum,Plasma
179 healthcare_coverage<=log(device_lifetime_length)^MCHC__Mass_volume__by_Autom
ated_count
180 healthcare_coverage<=Sodium*e^encounters_count
181 healthcare_coverage<=e^encounters_count/device_lifetime_length
182 healthcare_coverage<=e^Carbon_Dioxide/procedures_lifetime_cost

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183 healthcare_coverage<=encounters_lifetime_total_cost^2/lifetime_conditions
184 healthcare_coverage<=encounters_lifetime_total_cost^2/medications_lifetime
185 healthcare_coverage<=encounters_lifetime_total_cost^2/procedures_lifetime
186 healthcare_coverage<=Diastolic_Blood_Pressure^2*encounters_count
187 healthcare_coverage<=1/2*Triglycerides*encounters_lifetime_payer_coverage
188
healthcare_coverage<=10^medications_lifetime/medications_lifetime_perc_covered
189 healthcare_coverage<=2*medications_lifetime_cost/num_allergies
190
healthcare_coverage<=log(Leukocytes___volume__in_Blood_by_Automated_count)^QALY
191
healthcare_coverage<=medications_lifetime_dispenses^2/imaging_studies_lifetime
192 healthcare_coverage<=Body_Weight^2*encounters_count
193 healthcare_coverage<=e^Hemoglobin__Mass_volume__in_Blood/mean_Diastolic_Bloo
d_Pressure
194 healthcare_coverage<=minimum(healthcare_expenses,10^Polyp_size_greatest_dime
nsion_by_CAP_cancer_protocols)
195 healthcare_coverage>=num_allergies
196 healthcare_coverage>=1/2*encounters_lifetime_total_cost*num_allergies
197 healthcare_coverage>=minimum(medications_lifetime_dispenses,procedures_lifet
ime_cost+1)
198 healthcare_coverage>=log(MCHC__Mass_volume__by_Automated_count)*medications_
lifetime_length/log(10)
199 healthcare_coverage>=(age+1)*MCV__Entitic_volume__by_Automated_count
200 healthcare_coverage>=sqrt(healthcare_expenses)-immunizations_lifetime_cost
201
healthcare_coverage>=minimum(medications_lifetime_length,10^medications_active)
202 healthcare_coverage>=1/2*QALY*Total_Cholesterol
203 healthcare_coverage>=Glomerular_filtration_rate_1_73_sq_M_predicted^2+Total_
Cholesterol
204 healthcare_coverage>=e^(Leukocytes___volume__in_Blood_by_Automated_count-1)
205 healthcare_coverage>=(encounters_count+1)*MCV__Entitic_volume__by_Automated_
count
206
healthcare_coverage>=sqrt(healthcare_expenses)-encounters_lifetime_total_cost
207 healthcare_coverage>=imaging_studies_lifetime*latitude^2
208 healthcare_coverage>=minimum(medications_lifetime_length,Respiratory_rate)
209 healthcare_coverage>=lifetime_conditions^Polyp_size_greatest_dimension_by_CA
P_cancer_protocols
210 healthcare_coverage>=(immunizations_lifetime_cost+1)*mean_Microalbumin_Creat
inine_Ratio
211 healthcare_coverage>=DALY^2*device_lifetime_length
212 healthcare_coverage>=(medications_lifetime^2)^Bilirubin_total__Mass_volume__
in_Serum,Plasma
213
healthcare_coverage>=Systolic_Blood_Pressure^2*medications_lifetime_perc_covered
214 healthcare_coverage>=10^Pain_severity___0_10_verbal_numeric_rating__Score___
_Reported+Total_Cholesterol

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215 healthcare_coverage>=encounters_lifetime_payer_coverage*log(latitude)/log(10)
216 healthcare_coverage>=ceil(encounters_lifetime_payer_coverage)/Creatinine
217 healthcare_coverage>=(log(Hemoglobin__Mass_volume__in_Blood)/log(10))^Hemato
crit__Volume_Fraction__of_Blood_by_Automated_count
218 healthcare_coverage>=encounters_lifetime_perc_covered*latitude^2
219 healthcare_coverage>=Diastolic_Blood_Pressure^2*imaging_studies_lifetime
220 healthcare_coverage>=e^Calcium*medications_lifetime_perc_covered
221 healthcare_coverage>=(-Glucose)^immunizations_lifetime
222 healthcare_coverage>=longitude^2*medications_lifetime_perc_covered
223 healthcare_coverage>=age^2*encounters_lifetime_perc_covered
224 healthcare_coverage>=(Triglycerides+1)*Carbon_Dioxide
225 healthcare_coverage>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*sqrt(medicatio
ns_lifetime_cost)
226 healthcare_coverage>=2*QALY*mean_Protein__Mass_volume__in_Serum,Plasma
227 healthcare_coverage>=(1/Bilirubin_total__Mass_volume__in_Serum,Plasma)^activ
e_care_plans
228 healthcare_coverage>=Erythrocyte_distribution_width__Entitic_volume__by_Auto
mated_count*sqrt(procedures_lifetime_cost)
229 healthcare_coverage>=lifetime_care_plan_length^2/Erythrocytes___volume__in_
Blood_by_Automated_count
230 healthcare_coverage>=Total_Cholesterol*floor(DALY)
231 healthcare_coverage>=encounters_count^2-procedures_lifetime_cost
232 healthcare_coverage>=1/2*Diastolic_Blood_Pressure*High_Density_Lipoprotein_C
holesterol
233 healthcare_coverage>=(medications_lifetime+1)*Glomerular_filtration_rate_1_7
3_sq_M_predicted
234 healthcare_coverage>=sqrt(healthcare_expenses)*num_allergies
235 healthcare_coverage>=(Platelet_mean_volume__Entitic_volume__in_Blood_by_Auto
mated_count-1)*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automate
d_count
236 healthcare_coverage>=Diastolic_Blood_Pressure*sqrt(encounters_lifetime_payer
_coverage)
237 healthcare_coverage>=(procedures_lifetime+1)*Platelets___volume__in_Blood_b
y_Automated_count
238 healthcare_coverage>=1/2*MCHC__Mass_volume__by_Automated_count*Platelets___
volume__in_Blood_by_Automated_count
239 healthcare_coverage>=Estimated_Glomerular_Filtration_Rate*Heart_rate
240 healthcare_coverage>=log(Estimated_Glomerular_Filtration_Rate)^Hemoglobin_A1
c_Hemoglobin_total_in_Blood
241 healthcare_coverage>=Heart_rate*sqrt(encounters_lifetime_payer_coverage)
242 healthcare_coverage>=encounters_lifetime_total_cost*sqrt(num_allergies)
243 healthcare_coverage>=e^active_care_plans*mean_Microalbumin_Creatinine_Ratio
244 healthcare_coverage>=Total_Cholesterol*active_care_plans^2
245 healthcare_coverage>=sqrt(medications_active)^lifetime_conditions
246
healthcare_coverage>=encounters_lifetime_payer_coverage*log(lifetime_care_plans)
247 healthcare_coverage>=minimum(medications_lifetime_cost,active_care_plan_leng

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th^2)
248 healthcare_coverage>=active_condition_length^2/mean_Bilirubin_total__Mass_vo
lume__in_Serum,Plasma
249 healthcare_coverage>=minimum(encounters_lifetime_total_cost,2*encounters_lif
etime_payer_coverage)
250 healthcare_coverage>=DALY^2*medications_active
251 healthcare_coverage>=sqrt(Albumin__Mass_volume__in_Serum,Plasma)^active_cond
itions
252 healthcare_coverage>=sqrt(device_lifetime_length)^Hemoglobin__Mass_volume__i
n_Blood
253 healthcare_coverage>=minimum(medications_lifetime_cost,active_condition_leng
th^2)
254 healthcare_coverage>=lifetime_condition_length*medications_active^2
255 healthcare_coverage>=active_conditions*device_lifetime_length^2
256 healthcare_coverage>=encounters_count^2*imaging_studies_lifetime
257 healthcare_coverage>=2*encounters_lifetime_total_cost*medications_lifetime_p
erc_covered
258
healthcare_coverage>=minimum(encounters_lifetime_total_cost,-Respiratory_rate)
259 healthcare_coverage>=Body_Weight*sqrt(encounters_lifetime_payer_coverage)
260 healthcare_coverage>=encounters_lifetime_payer_coverage*log(Hemoglobin_A1c_H
emoglobin_total_in_Blood)
261 healthcare_coverage>=(encounters_lifetime_perc_covered+1)*encounters_lifetim
e_payer_coverage
262
healthcare_coverage>=2*medications_lifetime_cost/medications_lifetime_dispenses
263 healthcare_coverage>=minimum(medications_lifetime_length,2*encounters_lifeti
me_payer_coverage)
264 healthcare_coverage>=(medications_lifetime^2)^QOLS
265 healthcare_coverage>=e^Creatinine*medications_lifetime
266 healthcare_coverage>=1/2*Body_Weight*High_Density_Lipoprotein_Cholesterol
267 healthcare_coverage>=Glucose^2*encounters_lifetime_perc_covered
268 healthcare_coverage>=Platelet_distribution_width__Entitic_volume__in_Blood_b
y_Automated_count^2-healthcare_expenses
269 healthcare_coverage>=age*ceil(Microalbumin_Creatinine_Ratio)
270 latitude<=-lifetime_conditions-longitude
271 latitude<=1/2*Heart_rate+Respiratory_rate
272 latitude<=log(e^Systolic_Blood_Pressure)/log(10)
273 latitude<=Globulin__Mass_volume__in_Serum_by_calculation^2+QALY
274 latitude<=1/2*Body_Height-Body_Mass_Index
275 latitude<=10^Pain_severity__0_10_verbal_numeric_rating__Score____Reported*H
ematocrit__Volume_Fraction__of_Blood_by_Automated_count
276 latitude<=2*floor(Alanine_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma)
277 latitude<=Heart_rate-Urea_Nitrogen
278 latitude<=QALY+age+1
279 latitude<=2*Sodium/Hemoglobin_A1c_Hemoglobin_total_in_Blood
280 latitude<=1/2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,

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Plasma*active_care_plans
 281 latitude<=10^lifetime_care_plan_length/active_care_plans
 282 latitude<=MCHC__Mass_volume__by_Automated_count+floor(Platelet_mean_volume__
 Entitic_volume__in_Blood_by_Automated_count)
 283 latitude<=Chloride^2/immunizations_lifetime_cost
 284 latitude<=(active_care_plan_length+1)/Bilirubin_total__Mass_volume__in_Serum
 ,Plasma
 285 latitude<=sqrt(healthcare_expenses)/num_allergies
 286 latitude<=floor(encounters_lifetime_total_cost)/procedures_lifetime
 287 latitude<=sqrt(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_c
 ount)+Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 288 latitude<=maximum(age,ceil(Hematocrit__Volume_Fraction__of_Blood_by_Automate
 d_count))
 289 latitude<=(Microalbumin_Creatinine_Ratio^2)^Hemoglobin_A1c_Hemoglobin_total_
 in_Blood
 290 latitude<=Calcium*log(Body_Height)
 291 latitude<=-QALY+floor(Triglycerides)
 292 latitude<=1/2*Diastolic_Blood_Pressure/medications_lifetime_perc_covered
 293 latitude<=2*encounters_lifetime_total_cost/DALY
 294 latitude<=Diastolic_Blood_Pressure^2/mean_Glucose
 295 latitude<=Body_Mass_Index+QALY
 296 latitude<=(Body_Height-1)/num_allergies
 297 latitude<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*Urea_Nitrogen
 298 latitude<=sqrt(Calcium)+lifetime_condition_length
 299 latitude<=minimum(Protein__Mass_volume__in_Serum,Plasma,sqrt(medications_lif
 etime_length))
 300 latitude<=Respiratory_rate*log(age)
 301 latitude<=e^Potassium+mean_Pain_severity___0_10_verbal_numeric_rating__Score
 ___Reported
 302 latitude<=Calcium^2-Body_Mass_Index
 303 latitude<=sqrt(healthcare_coverage)+encounters_lifetime_total_cost
 304 latitude<=encounters_count^2/imaging_studies_lifetime
 305 latitude<=sqrt(Low_Density_Lipoprotein_Cholesterol)+mean_MCHC__Mass_volume__
 by_Automated_count
 306 latitude<=2*Carbon_Dioxide+active_care_plans
 307 latitude<=2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-
 procedures_lifetime
 308 latitude<=-active_conditions-longitude
 309 latitude<=1/2*encounters_lifetime_total_cost/encounters_count
 310 latitude<=Protein__Mass_volume__in_Serum,Plasma*log(medications_active)
 311 latitude<=2*age-num_allergies
 312 latitude<=longitude^2/Body_Weight
 313 latitude<=Potassium*sqrt(Sodium)
 314 latitude<=-active_care_plans+2*age
 315 latitude<=log(Heart_rate)^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 316 latitude<=-active_conditions+2*age
 317 latitude<=2*age-lifetime_conditions
 318 latitude<=Glucose^2/mean_Chloride

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319 latitude<=1/2*Microalbumin_Creatinine_Ratio*lifetime_care_plan_length
320 latitude<=sqrt(Total_Cholesterol)+age
321 latitude<=QALY^2/mean_Urea_Nitrogen
322 latitude<=2*encounters_count/medications_lifetime_perc_covered
323 latitude<=1/2*encounters_lifetime_total_cost/active_conditions
324 latitude<=1/2*encounters_lifetime_total_cost/lifetime_conditions
325 latitude<=1/2*encounters_lifetime_payer_coverage/num_allergies
326 latitude<=maximum(lifetime_care_plan_length,2*Body_Mass_Index)
327 latitude<=-QALY+Systolic_Blood_Pressure+1
328 latitude<=immunizations_lifetime_cost+mean_High_Density_Lipoprotein_Cholesterol-1
329 latitude<=Carbon_Dioxide+ceil(Estimated_Glomerular_Filtration_Rate)
330 latitude<=medications_lifetime_length^2/medications_active
331 latitude<=10^medications_active*Estimated_Glomerular_Filtration_Rate
332 latitude<=log(Estimated_Glomerular_Filtration_Rate)/log(10)+High_Density_Lipoprotein_Cholesterol
333 latitude<=2*QALY/medications_lifetime_perc_covered
334 latitude<=MCH__Entitic_mass__by_Automated_count+ceil(Hemoglobin__Mass_volume__in_Blood)
335 latitude<=log(Systolic_Blood_Pressure)*mean_Carbon_Dioxide/log(10)
336 latitude<=2*Systolic_Blood_Pressure/Erythrocytes___volume__in_Blood_by_Automated_count
337 latitude<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+floor(MCHC__Mass_volume__by_Automated_count)
338 latitude<=2*Triglycerides/Potassium
339 latitude<=1/2*MCH__Entitic_mass__by_Automated_count+age
340 latitude<=QALY*log(High_Density_Lipoprotein_Cholesterol)/log(10)
341 latitude<=maximum(QALY,2*Estimated_Glomerular_Filtration_Rate)
342 latitude<=minimum(healthcare_expenses,e^Polyp_size_greatest_dimension_by_CAP_cancer_protocols)
343 latitude>=-1/2*longitude
344 latitude>=1/2*ceil(age)
345 latitude>=(Body_temperature+1)^QOLS
346 latitude>=log(healthcare_expenses)^2/log(10)^2
347 latitude>=sqrt(age)*num_allergies
348 latitude>=log(DALY)+procedures_lifetime
349 latitude>=1/4*lifetime_care_plans^2
350 latitude>=1/2*High_Density_Lipoprotein_Cholesterol+Pain_severity___0_10_verbal_numeric_rating__Score___Reported
351 latitude>=sqrt(Systolic_Blood_Pressure)+Body_Mass_Index
352 latitude>=ceil(Potassium)*lifetime_care_plans
353 latitude>=mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
354 latitude>=medications_active^2+Hemoglobin_A1c_Hemoglobin_total_in_Blood
355 latitude>=Urea_Nitrogen*log(Systolic_Blood_Pressure)/log(10)
356 latitude>=sqrt(Body_Weight)+MCH__Entitic_mass__by_Automated_count
357 latitude>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+Pain_severity___0_10_verbal_numeric_rating__Score___Reported

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358 latitude>=sqrt(High_Density_Lipoprotein_Cholesterol)*mean_Potassium
359 latitude>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted-1/2
360 latitude>=(Albumin__Mass_volume__in_Serum,Plasma+1)^2
361 latitude>=-MCHC__Mass_volume__by_Automated_count+age-1
362 latitude>=sqrt(Heart_rate)+MCH__Entitic_mass__by_Automated_count
363 latitude>=1/2*Diastolic_Blood_Pressure-encounters_lifetime_payer_coverage
364
latitude>=log(healthcare_expenses)/log(10)+MCHC__Mass_volume__by_Automated_count
365 latitude>=e^imaging_studies_lifetime*mean_Urea_Nitrogen
366 latitude>=1/2*Body_Weight-active_care_plan_length
367 latitude>=Microalbumin_Creatinine_Ratio^medications_lifetime_perc_covered
368 latitude>=(log(lifetime_conditions)/log(10))^mean_Urea_Nitrogen
369 latitude>=1/2*Low_Density_Lipoprotein_Cholesterol-
MCHC__Mass_volume__by_Automated_count
370 latitude>=-Respiratory_rate+device_lifetime_length+1
371 latitude>=(Estimated_Glomerular_Filtration_Rate-1)*num_allergies
372 latitude>=floor(Globulin__Mass_volume__in_Serum_by_calculation)^mean_Globuli
n__Mass_volume__in_Serum_by_calculation
373 latitude>=Creatinine*log(procedures_lifetime_cost)
374 latitude>=log(Platelet_distribution_width__Entitic_volume__in_Blood_by_Autom
ated_count)/log(10)+procedures_lifetime
375 latitude>=sqrt(MCV__Entitic_volume__by_Automated_count)+MCH__Entitic_mass__b
y_Automated_count
376 latitude>=-Glucose+floor(Alkaline_phosphatase__Enzymatic_activity_volume__in
_Serum,Plasma)
377 latitude>=1/2*age+medications_lifetime_perc_covered
378 latitude>=minimum(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count,1
/DALY)
379 latitude>=2*age/mean_Albumin__Mass_volume__in_Serum,Plasma
380 latitude>=log(encounters_lifetime_payer_coverage)*mean_Creatinine
381 latitude>=age^2/Body_Height
382 latitude>=MCH__Entitic_mass__by_Automated_count+2*active_care_plans
383 latitude>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma+1/2*Carbon_Dioxide
384 latitude>=e^num_allergies/QALY
385 latitude>=Respiratory_rate*e^QOLS
386 latitude>=High_Density_Lipoprotein_Cholesterol-age
387 latitude>=e^num_allergies/Creatinine
388 latitude>=Erythrocytes____volume__in_Blood_by_Automated_count+MCHC__Mass_vol
ume__by_Automated_count+1
389 latitude>=active_care_plans^2-active_conditions
390
latitude>=Estimated_Glomerular_Filtration_Rate*log(active_care_plans)/log(10)
391 latitude>=-Glucose+floor(Chloride)
392 latitude>=active_care_plan_length-medications_lifetime_cost-1
393 latitude>=minimum(Estimated_Glomerular_Filtration_Rate,active_care_plan_leng
th-1)
394 latitude>=sqrt(lifetime_conditions)*mean_Calcium

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395 latitude>=(MCV__Entitic_volume__by_Automated_count-1)^medications_lifetime_p
erc_covered
396
latitude>=(Hemoglobin__Mass_volume__in_Blood-1)/encounters_lifetime_perc_covered
397 latitude>=1/2*QALY+active_care_plans
398 latitude>=1/2*Glucose*encounters_lifetime_perc_covered
399 latitude>=1/2*Estimated_Glomerular_Filtration_Rate-Potassium
400 latitude>=log(procedures_lifetime_cost)/log(10)+DALY
401 latitude>=sqrt(medications_lifetime_dispenses)^QOLS
402 latitude>=sqrt(medications_lifetime_dispenses)-DALY
403 latitude>=-medications_lifetime_dispenses+2*procedures_lifetime
404 latitude>=Calcium*log(QALY)
405 longitude<=-latitude-1
406 longitude<=Respiratory_rate-age-1
407
longitude<=-active_condition_length+log(Protein__Mass_volume__in_Serum,Plasma)
408 longitude<=-Chloride+latitude-1
409 longitude<=-2*Body_Mass_Index
410 longitude<=-MCHC__Mass_volume__by_Automated_count-
MCH__Entitic_mass__by_Automated_count
411 longitude<=-Heart_rate+age-1
412 longitude<=10^DALY-encounters_count
413 longitude<=-Body_Weight+1/2*Heart_rate
414 longitude<=-Respiratory_rate-latitude
415 longitude<=sqrt(encounters_lifetime_total_cost)-MCV__Entitic_volume__by_Auto
mated_count
416 longitude<=age-mean_Glucose-1
417 longitude<=-age+encounters_count-1
418 longitude<=-latitude-lifetime_conditions
419 longitude<=sqrt(QALY)-active_care_plan_length
420 longitude<=-Respiratory_rate*num_allergies
421 longitude<=-High_Density_Lipoprotein_Cholesterol+active_condition_length-1
422 longitude<=2*Respiratory_rate-mean_Heart_rate
423 longitude<=encounters_lifetime_payer_coverage-lifetime_condition_length-1
424 longitude<=-latitude-num_allergies
425 longitude<=-QALY+immunizations_lifetime_cost-1
426 longitude<=-latitude-medications_active
427 longitude<=Diastolic_Blood_Pressure-
mean_Low_Density_Lipoprotein_Cholesterol+1
428 longitude<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood-QALY
429 longitude<=10^encounters_count-MCV__Entitic_volume__by_Automated_count
430 longitude<=-Low_Density_Lipoprotein_Cholesterol+floor(medications_lifetime_l
ength)
431 longitude<=(-age)^QOLS
432 longitude<=-active_condition_length+2*medications_lifetime
433 longitude<=2*active_care_plan_length-mean_Glucose
434 longitude<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood-
High_Density_Lipoprotein_Cholesterol

```

```

435 longitude<=-Bilirubin_total__Mass_volume__in_Serum,Plasma*QALY
436 longitude<=sqrt(healthcare_coverage)-Low_Density_Lipoprotein_Cholesterol
437 longitude<=1/2*Chloride-Glucose
438 longitude<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported-
High_Density_Lipoprotein_Cholesterol
439 longitude<=-encounters_count+floor(Hematocrit__Volume_Fraction__of_Blood_by_
Automated_count)
440 longitude<=-Heart_rate+MCH__Entitic_mass__by_Automated_count
441 longitude<=-Diastolic_Blood_Pressure+Hematocrit__Volume_Fraction__of_Blood_b
y_Automated_count+1
442 longitude<=-Diastolic_Blood_Pressure+Microalbumin_Creatinine_Ratio
443 longitude<=-age+log(healthcare_expenses)
444 longitude<=-Glomerular_filtration_rate_1_73_sq_M_predicted+log(healthcare_ex
penses)
445 longitude<=1/imaging_studies_lifetime-High_Density_Lipoprotein_Cholesterol
446 longitude<=1/num_allergies-age
447 longitude<=-active_care_plans-latitude
448 longitude<=-active_conditions-latitude
449 longitude<=Calcium-High_Density_Lipoprotein_Cholesterol-1
450 longitude<=10^active_care_plans-age
451 longitude<=-active_care_plans*lifetime_care_plans
452 longitude<=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma-active_conditions
453 longitude<=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma/Creatinine
454 longitude<=2*Calcium-Diastolic_Blood_Pressure
455 longitude<=e^active_conditions-medications_lifetime
456 longitude<=2*encounters_lifetime_total_cost-medications_lifetime_dispenses
457 longitude<=(encounters_lifetime_perc_covered-1)*age
458
longitude<=-immunizations_lifetime_cost/Hemoglobin_A1c_Hemoglobin_total_in_Blood
459 longitude<=-immunizations_lifetime_cost/Leukocytes___volume__in_Blood_by_Au
tomated_count
460 longitude<=10^medications_lifetime-age
461 longitude<=-MCV__Entitic_volume__by_Automated_count+ceil(Body_Mass_Index)
462 longitude<=-Protein__Mass_volume__in_Serum,Plasma+log(medications_lifetime_l
ength)
463 longitude<=e^Albumin__Mass_volume__in_Serum,Plasma-mean_Glucose
464 longitude<=-Body_Weight+1/2*Diastolic_Blood_Pressure
465 longitude<=-active_care_plan_length+log(Alanine_aminotransferase__Enzymatic_
activity_volume__in_Serum,Plasma)
466 longitude<=sqrt(High_Density_Lipoprotein_Cholesterol)-mean_High_Density_Lipo
protein_Cholesterol
467 longitude<=sqrt(Sodium)-age
468 longitude<=-Sodium/active_conditions
469 longitude<=-Chloride+e^Potassium
470 longitude<=-Total_Cholesterol/mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
471 longitude<=Calcium^2-Sodium

```



```

472 longitude>=-2*latitude
473 longitude>=1/2*QALY-Systolic_Blood_Pressure
474 longitude>=2*Erythrocytes___volume__in_Blood_by_Automated_count-
MCV__Entitic_volume__by_Automated_count
475 longitude>=2*Respiratory_rate-Triglycerides
476 longitude>=Body_Mass_Index-Chloride
477 longitude>=Body_Mass_Index-mean_Chloride
478
longitude>=-Erythrocyte_distribution_width__Entitic_volume__by_Automated_count-
MCHC__Mass_volume__by_Automated_count
479 longitude>=-Body_Height+Body_Weight+1
480 longitude>=-Sodium+1/2*Systolic_Blood_Pressure
481 longitude>=-Diastolic_Blood_Pressure-active_care_plans
482 longitude>=MCV__Entitic_volume__by_Automated_count-
Platelets___volume__in_Blood_by_Automated_count+1
483 longitude>=-Calcium^2
484 longitude>=-Body_Weight-active_care_plan_length
485 longitude>=MCV__Entitic_volume__by_Automated_count-
Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+1
486 longitude>=1/2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum
,Plasma-lifetime_condition_length
487 longitude>=active_care_plans^2-Triglycerides
488 longitude>=sqrt(lifetime_care_plan_length)-MCV__Entitic_volume__by_Automated
_count
489 longitude>=-Chloride+mean_Body_Mass_Index
490 longitude>=-Glucose-Hemoglobin_A1c_Hemoglobin_total_in_Blood
491 longitude>=MCH__Entitic_mass__by_Automated_count-Triglycerides-1
492 longitude>=sqrt(Low_Density_Lipoprotein_Cholesterol)-MCV__Entitic_volume__by
_Automated_count
493 longitude>=-1/2*Body_Height
494 longitude>=-Protein__Mass_volume__in_Serum,Plasma-encounters_count
495 longitude>=log(num_allergies)/log(10)-Protein__Mass_volume__in_Serum,Plasma
496
longitude>=-Erythrocyte_distribution_width__Entitic_volume__by_Automated_count-
age
497 longitude>=log(num_allergies)-mean_Heart_rate
498 longitude>=-Heart_rate/encounters_lifetime_perc_covered
499 longitude>=1/2*Systolic_Blood_Pressure-mean_Sodium
500 longitude>=-Diastolic_Blood_Pressure-active_conditions
501 longitude>=-Glucose-active_conditions
502 longitude>=-Carbon_Dioxide*lifetime_conditions
503 longitude>=2*lifetime_conditions-mean_Systolic_Blood_Pressure
504 longitude>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma*mean_Globulin__Mass_volume__in_Serum_by_calculation
505 longitude>=-encounters_lifetime_payer_coverage/device_lifetime_length
506 longitude>=-Heart_rate-QALY
507 longitude>=log(imaging_studies_lifetime)-medications_lifetime_dispenses
508 longitude>=-Diastolic_Blood_Pressure+log(imaging_studies_lifetime)

```

```

509 longitude>=-Body_Weight+log(imaging_studies_lifetime)
510 longitude>=-Body_Weight/encounters_lifetime_perc_covered
511 longitude>=log(medications_lifetime_perc_covered)*medications_lifetime_length/log(10)
512 longitude>=1/2*High_Density_Lipoprotein_Cholesterol-
mean_Systolic_Blood_Pressure
513
longitude>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime_cost
514
longitude>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-Systolic_Blood_Pressure
515 longitude>=-Glucose/mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
516 longitude>=-Protein__Mass_volume__in_Serum,Plasma/medications_lifetime_perc_
covered
517
longitude>=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-
mean_Heart_rate
518 longitude>=log(Estimated_Glomerular_Filtration_Rate)-mean_Heart_rate
519 longitude>=Microalbumin_Creatinine_Ratio-medications_lifetime_dispenses+1
520 age<=1/medications_lifetime_perc_covered+lifetime_condition_length
521 age<=e^DALY+mean_Protein__Mass_volume__in_Serum,Plasma
522 age<=maximum(lifetime_condition_length,2*QALY)
523 age<=Sodium^2/immunizations_lifetime_cost
524 age<=encounters_count-longitude-1
525 age<=Body_Weight+1/2*Hemoglobin__Mass_volume__in_Blood
526 age<=Low_Density_Lipoprotein_Cholesterol+mean_Urea_Nitrogen-1
527 age<=(healthcare_expenses-1)/Body_Height
528 age<=(healthcare_coverage-1)/High_Density_Lipoprotein_Cholesterol
529 age<=Potassium^2*active_conditions
530 age<=-Estimated_Glomerular_Filtration_Rate+Sodium-1
531 age<=(healthcare_coverage-1)/Microalbumin_Creatinine_Ratio
532 age<=maximum(encounters_lifetime_payer_coverage,2*QALY)
533 age<=floor(lifetime_condition_length)/imaging_studies_lifetime
534 age<=2*active_care_plan_length/medications_lifetime_perc_covered
535 age<=DALY*e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
536 age<=Glomerular_filtration_rate_1_73_sq_M_predicted+immunizations_lifetime_c
ost-1
537 age<=encounters_lifetime_total_cost+latitude-1
538 age<=floor(encounters_lifetime_total_cost)/procedures_lifetime
539 age<=Body_Weight+encounters_lifetime_payer_coverage-1
540 age<=2*QALY+active_condition_length
541 age<=maximum(lifetime_care_plan_length,Diastolic_Blood_Pressure-1)
542 age<=Chloride*log(lifetime_conditions)/log(10)
543 age<=(2*Total_Cholesterol)^Creatinine
544 age<=10^QOLS*High_Density_Lipoprotein_Cholesterol
545 age<=Heart_rate+QALY-1
546 age<=Heart_rate+2*active_conditions
547 age<=2*Body_Weight/immunizations_lifetime

```

```

548 age<=floor(active_condition_length)+mean_Estimated_Glomerular_Filtration_Rate
549 age<=-Heart_rate+ceil(Platelets___volume__in_Blood_by_Automated_count)
550 age<=log(healthcare_expenses)-longitude
551 age<=Diastolic_Blood_Pressure+active_conditions+1
552 age<=High_Density_Lipoprotein_Cholesterol+active_care_plan_length-1
553
554 age<=maximum(lifetime_condition_length,High_Density_Lipoprotein_Cholesterol-1)
555 age<=Body_Weight+medications_lifetime_cost-1
556 age<=sqrt(Potassium)*active_condition_length
557 age<=-longitude/QOLS
558 age<=log(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)*mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
559 age<=-MCHC__Mass_volume__by_Automated_count+ceil(Triglycerides)
560 age<=log(Estimated_Glomerular_Filtration_Rate)+mean_Diastolic_Blood_Pressure
561 age<=sqrt(Body_Mass_Index)^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
562 age<=encounters_lifetime_total_cost^2/medications_lifetime_length
563 age<=maximum(Triglycerides,Calcium^2)
564 age<=medications_lifetime_length^2/medications_active
565 age<=Leukocytes___volume__in_Blood_by_Automated_count^2+QALY
566 age<=2*Platelets___volume__in_Blood_by_Automated_count/active_conditions
567 age<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Heart_rate+1
568 age<=sqrt(Protein__Mass_volume__in_Serum,Plasma)-longitude
569 age<=e^DALY+mean_Estimated_Glomerular_Filtration_Rate
570 age<=Diastolic_Blood_Pressure+2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
571 age<=QALY*log(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)/log(10)
572 age<=2*QALY+medications_lifetime_cost
573 age<=2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-
active_conditions
574 age<=sqrt(healthcare_coverage)/encounters_lifetime_perc_covered
575 age<=1/2*medications_lifetime_dispenses/imaging_studies_lifetime
576 age<=sqrt(healthcare_coverage)-Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
577 age<=MCHC__Mass_volume__by_Automated_count+ceil(QALY)
578 age<=Body_Weight+2*DALY
579 age<=MCHC__Mass_volume__by_Automated_count+latitude+1
580 age<=1/num_allergies-longitude
581 age<=-QOLS+2*latitude
582 age<=10^active_care_plans-longitude
583 age<=2*QALY/QOLS
584 age<=10^lifetime_care_plan_length/active_care_plans
585 age<=active_conditions^2+Microalbumin_Creatinine_Ratio
586 age<=2*encounters_lifetime_total_cost/Leukocytes___volume__in_Blood_by_Automated_count
587 age<=Protein__Mass_volume__in_Serum,Plasma+encounters_count+1
588 age<=2*encounters_count/medications_lifetime_perc_covered

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```

589 age<=1/2*encounters_lifetime_payer_coverage/num_allergies
590 age<=DALY+2*QALY
591 age<=e^medications_lifetime-longitude
592 age<=maximum(lifetime_condition_length,Heart_rate-1)
593 age<=Calcium+floor(Glucose)
594 age<=sqrt(Body_Height)+Heart_rate
595 age<=2*Estimated_Glomerular_Filtration_Rate+QALY
596 age<=ceil(Low_Density_Lipoprotein_Cholesterol)+encounters_count
597 age>=QALY+1
598 age>=ceil(active_care_plan_length)-encounters_lifetime_perc_covered
599
age>=log(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)/log(10)+QALY
600 age>=ceil(active_condition_length)
601 age>=DALY+QALY
602 age>=-QALY+latitude-1
603
age>=Leukocytes___volume__in_Blood_by_Automated_count+1/2*medications_lifetime
604
age>=(Total_Cholesterol+1)/Erythrocytes___volume__in_Blood_by_Automated_count
605 age>=High_Density_Lipoprotein_Cholesterol-latitude
606 age>=DALY+ceil(QALY)
607 age>=Diastolic_Blood_Pressure*log(Creatinine)/log(10)
608 age>=longitude+mean_Glucose+1
609 age>=sqrt(Albumin__Mass_volume__in_Serum,Plasma)*Aspartate_aminotransferase_
_Enzymatic_activity_volume__in_Serum,Plasma
610 age>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+1/
2*DALY
611
age>=active_care_plan_length+log(Globulin__Mass_volume__in_Serum_by_calculation)
612 age>=-Hemoglobin__Mass_volume__in_Blood+floor(latitude)
613 age>=active_condition_length+imaging_studies_lifetime
614 age>=1/2*Microalbumin_Creatinine_Ratio-mean_Body_Mass_Index
615 age>=active_care_plan_length+medications_lifetime_perc_covered
616 age>=medications_active^2-Albumin__Mass_volume__in_Serum,Plasma
617 age>=4*num_allergies
618 age>=(procedures_lifetime+1)*encounters_lifetime_perc_covered
619 age>=DALY+log(healthcare_expenses)
620 age>=ceil(QALY+1)
621 age>=floor(1/2*Estimated_Glomerular_Filtration_Rate)
622 age>=encounters_lifetime_perc_covered+1/2*latitude
623
age>=1/2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count*num_allergies
624 age>=sqrt(num_allergies)+active_condition_length
625 age>=QALY+1/2*active_care_plans
626 age>=minimum(Triglycerides,active_care_plan_length+1)
627 age>=1/2*Potassium+active_condition_length
628 age>=DALY^2/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,
Plasma

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```

629 age>=minimum(Estimated_Glomerular_Filtration_Rate,encounters_count+1)
630 age>=(1/2*lifetime_care_plan_length)^QOLS
631 age>=sqrt(device_lifetime_length)+QALY
632 age>=QALY+ceil(DALY)
633 age>=Body_Mass_Index-procedures_lifetime_cost+1
634 age>=sqrt(encounters_lifetime_total_cost)-medications_lifetime_length
635 age>=active_care_plans*log(encounters_lifetime_payer_coverage)
636 age>=1/2*Pain_severity___0_10_verbal_numeric_rating__Score___Reported+QALY
637 age>=log(Pain_severity___0_10_verbal_numeric_rating__Score___Reported)/log(
10)+active_care_plan_length
638 age>=e^medications_active/Hemoglobin_A1c_Hemoglobin_total_in_Blood
639 age>=2*immunizations_lifetime_cost/Calcium
640 age>=sqrt(Chloride)*mean_Creatinine
641 age>=sqrt(medications_lifetime_dispenses)-Pain_severity___0_10_verbal_numeri
c_rating__Score___Reported
642 age>=log(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)
/log(10)+QALY
643 age>=High_Density_Lipoprotein_Cholesterol^2/Total_Cholesterol
644 age>=2*Carbon_Dioxide-healthcare_coverage
645 age>=2*Urea_Nitrogen/Creatinine
646 age>=(Leukocytes___volume__in_Blood_by_Automated_count^2)^QOLS
647 num_allergies<=healthcare_coverage
648 num_allergies<=floor(e^medications_active)
649 num_allergies<=active_care_plan_length
650 num_allergies<=medications_lifetime+2
651 num_allergies<=encounters_lifetime_payer_coverage
652 num_allergies<=medications_lifetime_cost
653 num_allergies<=-medications_lifetime+medications_lifetime_dispenses
654 num_allergies<=ceil(sqrt(latitude))
655 num_allergies<=active_conditions/immunizations_lifetime
656 num_allergies<=(1/procedures_lifetime_cost)^Microalbumin_Creatinine_Ratio
657 num_allergies<=floor(Globulin_Mass_volume__in_Serum_by_calculation)
658 num_allergies<=procedures_lifetime_cost^Platelet_distribution_width__Entitic
_volume__in_Blood_by_Automated_count
659 num_allergies<=floor(1/device_lifetime_length)
660 num_allergies<=Estimated_Glomerular_Filtration_Rate*medications_lifetime_per
c_covered
661
num_allergies<=Pain_severity___0_10_verbal_numeric_rating__Score___Reported^2
662 num_allergies<=floor(1/2*active_care_plan_length)
663 num_allergies<=floor(active_care_plan_length)
664 num_allergies<=10^active_conditions
665 num_allergies<=active_conditions^active_condition_length
666 num_allergies<=device_lifetime_length/imaging_studies_lifetime
667 num_allergies<=medications_lifetime^2
668 num_allergies<=(e^medications_active)^QOLS
669 num_allergies<=healthcare_expenses*medications_active
670 num_allergies<=ceil(log(Estimated_Glomerular_Filtration_Rate)/log(10))

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```

671 num_allergies<=Creatinine^healthcare_expenses
672 num_allergies<=ceil(Potassium)
673 num_allergies<=MCV__Entitic_volume__by_Automated_count-
mean_MCV__Entitic_volume__by_Automated_count
674 num_allergies<=encounters_count-immunizations_lifetime
675 num_allergies<=maximum(medications_active,Bilirubin_total__Mass_volume__in_S
erum,Plasma)
676
num_allergies<=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^healthcare_expenses
677
num_allergies<=procedures_lifetime/Bilirubin_total__Mass_volume__in_Serum,Plasma
678 num_allergies<=QOLS*healthcare_expenses
679 num_allergies<=10^DALY*medications_active
680 num_allergies<=log(Globulin__Mass_volume__in_Serum_by_calculation)^healthcar
e_expenses
681 num_allergies<=(procedures_lifetime-1)^Low_Density_Lipoprotein_Cholesterol
682 num_allergies<=encounters_count-lifetime_conditions+1
683 num_allergies<=10^medications_active/active_conditions
684 num_allergies<=(1/longitude)^medications_lifetime_cost
685 num_allergies<=2*medications_lifetime_cost/procedures_lifetime_cost
686 num_allergies<=-active_conditions+encounters_count+1
687 num_allergies<=imaging_studies_lifetime/device_lifetime_length
688 num_allergies<=DALY^Triglycerides
689 num_allergies<=10^medications_lifetime_dispenses*device_lifetime_length
690 num_allergies<=DALY^Platelet_distribution_width__Entitic_volume__in_Blood_by
_Automated_count
691 num_allergies<=-active_care_plan_length+lifetime_care_plan_length+1
692 num_allergies<=log(active_conditions)^Body_Height
693 num_allergies<=(1/2*immunizations_lifetime)^Polyp_size_greatest_dimension_by
_CAP_cancer_protocols
694 num_allergies<=log(encounters_count)^active_condition_length
695 num_allergies<=log(medications_active)^Body_Mass_Index
696 num_allergies<=QOLS*e^medications_active
697 num_allergies>=imaging_studies_lifetime-1
698 num_allergies>=-healthcare_coverage
699 num_allergies>=-active_care_plans
700 num_allergies>=-active_conditions
701 num_allergies>=-device_lifetime_length
702 num_allergies>=-imaging_studies_lifetime
703 num_allergies>=(Bilirubin_total__Mass_volume__in_Serum,Plasma-1)*active_cond
itions
704 num_allergies>=sqrt(Total_Cholesterol)-mean_Glomerular_filtration_rate_1_73_
sq_M_predicted
705 num_allergies>=floor(log(lifetime_care_plans)/log(10))
706 num_allergies>=log(Microalbumin_Creatinine_Ratio)/log(10)-procedures_lifetim
e_cost
707 num_allergies>=-active_conditions+log(active_care_plans)
708 num_allergies>=-age+ceil(active_care_plan_length)

```

```

709 active_care_plans<=lifetime_care_plans
710 active_care_plans<=ceil(active_care_plan_length)
711 active_care_plans<=active_conditions+medications_lifetime
712 active_care_plans<=10^active_conditions
713 active_care_plans<=ceil(sqrt(active_care_plan_length))
714 active_care_plans<=floor(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
715 active_care_plans<=maximum(active_conditions,Globulin__Mass_volume__in_Serum
_by_calculation)
716 active_care_plans<=ceil(Potassium)+immunizations_lifetime_cost
717 active_care_plans<=2/imaging_studies_lifetime
718 active_care_plans<=-active_conditions+floor(Carbon_Dioxide)
719 active_care_plans<=ceil(Urea_Nitrogen)-medications_active
720 active_care_plans<=-DALY+MCHC__Mass_volume__by_Automated_count+1
721 active_care_plans<=maximum(active_conditions,10^DALY)
722 active_care_plans>=imaging_studies_lifetime
723 active_care_plans>=ceil(medications_lifetime_perc_covered)
724 active_care_plans>=minimum(lifetime_care_plans,device_lifetime_length)
725 active_care_plans>=active_care_plan_length/lifetime_care_plan_length
726 active_care_plans>=minimum(num_allergies,lifetime_care_plans)
727 active_care_plans>=floor(log(lifetime_care_plans))
728 active_care_plans>=longitude^QOLS
729 active_care_plans>=2*imaging_studies_lifetime
730 active_care_plans>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,lifetime
_care_plans-1)
731 active_care_plans>=floor(Globulin__Mass_volume__in_Serum_by_calculation)
732 active_care_plans>=ceil(log(Estimated_Glomerular_Filtration_Rate)/log(10))
733 active_care_plans>=-encounters_lifetime_payer_coverage+lifetime_care_plans
734 active_care_plans>=(Microalbumin_Creatinine_Ratio+1)/active_condition_length
735 active_care_plans>=minimum(Albumin__Mass_volume__in_Serum,Plasma,floor(lifet
ime_care_plans))
736 active_care_plans>=sqrt(lifetime_care_plans)-procedures_lifetime
737 active_care_plans>=floor(1/2*medications_active)
738 active_care_plans>=minimum(lifetime_care_plans,immunizations_lifetime)
739 active_care_plans>=medications_active-2
740 active_care_plans>=-active_condition_length+num_allergies
741 active_care_plans>=lifetime_care_plans-medications_lifetime_cost
742 active_care_plans>=Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted^2-Respiratory_rate
743 active_care_plans>=minimum(lifetime_care_plans,2*num_allergies)
744 active_care_plans>=-healthcare_coverage+lifetime_care_plans
745 active_care_plans>=1/2*lifetime_care_plans/Creatinine
746 active_care_plans>=-Pain_severity___0_10_verbal_numeric_rating__Score____Rep
orted+lifetime_care_plans-1
747 active_care_plans>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,li
fetime_care_plans-1)
748 active_care_plans>=lifetime_care_plans-procedures_lifetime-1
749 active_care_plans>=ceil(lifetime_care_plan_length)/Hematocrit__Volume_Fracti
on__of_Blood_by_Automated_count

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```

750 active_care_plans>=log(Body_Weight)/Microalbumin_Creatinine_Ratio
751 active_care_plans>=(lifetime_care_plans-1)*Bilirubin_total__Mass_volume__in_Serum,Plasma
752 active_care_plans>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported*log(medications_active)/log(10)
753 active_care_plans>=-Respiratory_rate+lifetime_conditions
754 active_care_plans>=minimum(lifetime_care_plans,device_lifetime_length^2)
755 active_care_plans>=1/2*DALY-Urea_Nitrogen
756 active_care_plans>=minimum(medications_active,lifetime_care_plans-1)
757 active_care_plans>=-Diastolic_Blood_Pressure+QALY+1
758 active_care_plans>=floor(log(medications_lifetime)/log(10))
759 active_care_plans>=-encounters_count+2*lifetime_care_plans
760 active_care_plans>=log(High_Density_Lipoprotein_Cholesterol)/(Creatinine*log(10))
761 active_care_plans>=floor(Creatinine)-1
762 active_care_plans>=Estimated_Glomerular_Filtration_Rate*log(num_allergies)/log(10)
763 active_care_plans>=minimum(lifetime_care_plans,num_allergies^2)
764 active_care_plans>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,medications_active-1)
765 active_care_plans>=-immunizations_lifetime+medications_active-1
766 active_care_plans>=minimum(lifetime_care_plans,log(DALY)/log(10))
767 active_care_plans>=Hemoglobin_A1c_Hemoglobin_total_in_Blood-procedures_lifetime_cost-1
768 active_care_plans>=log(MCV__Entitic_volume__by_Automated_count)/log(10)-procedures_lifetime_cost
769 lifetime_care_plans<=floor(log(healthcare_expenses))
770 lifetime_care_plans<=encounters_count
771 lifetime_care_plans<=active_care_plans+procedures_lifetime+1
772 lifetime_care_plans<=-Potassium+Respiratory_rate
773 lifetime_care_plans<=floor(Urea_Nitrogen)-1
774 lifetime_care_plans<=floor(2*Potassium)
775 lifetime_care_plans<=maximum(lifetime_conditions,active_care_plans+1)
776
lifetime_care_plans<=sqrt(floor(Glomerular_filtration_rate_1_73_sq_M_predicted))
777 lifetime_care_plans<=10^healthcare_coverage
778 lifetime_care_plans<=lifetime_conditions+medications_active
779 lifetime_care_plans<=10^active_care_plans
780 lifetime_care_plans<=2*lifetime_care_plan_length
781 lifetime_care_plans<=floor(Calcium)-1
782 lifetime_care_plans<=(active_care_plans+1)/encounters_lifetime_perc_covered
783 lifetime_care_plans<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+active_care_plans+1
784 lifetime_care_plans<=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-1)^active_care_plans
785 lifetime_care_plans<=maximum(active_care_plans,1/device_lifetime_length)
786 lifetime_care_plans<=-Body_Weight+Chloride+1
787 lifetime_care_plans<=2*Microalbumin_Creatinine_Ratio

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788 lifetime_care_plans<=maximum(Sodium,1/2*Leukocytes___volume__in_Blood_by_Au
tomated_count)
789 lifetime_care_plans<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood^2)
790 lifetime_care_plans<=Pain_severity___0_10_verbal_numeric_rating__Score____Re
ported+active_condition_length
791 lifetime_care_plans<=(encounters_count+1)/Pain_severity___0_10_verbal_numeri
c_rating__Score____Reported
792 lifetime_care_plans<=Pain_severity___0_10_verbal_numeric_rating__Score____Re
ported+active_conditions+1
793 lifetime_care_plans<=log(Polyp_size_greatest_dimension_by_CAP_cancer_protoco
ls)^active_care_plans
794 lifetime_care_plans<=maximum(lifetime_conditions,medications_lifetime)
795 lifetime_care_plans<=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Se
rum,Plasma+Sodium
796 lifetime_care_plans<=encounters_count/immunizations_lifetime
797 lifetime_care_plans<=(active_care_plans+1)/imaging_studies_lifetime
798 lifetime_care_plans<=ceil(Hemoglobin__Mass_volume__in_Blood)*encounters_life
time_perc_covered
799 lifetime_care_plans<=-Alanine_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma+lifetime_care_plan_length
800 lifetime_care_plans<=minimum(Platelet_distribution_width__Entitic_volume__in
_Blood_by_Automated_count,active_care_plans+1)
801 lifetime_care_plans<=maximum(procedures_lifetime,active_care_plans^2)
802 lifetime_care_plans<=10^DALY/medications_lifetime_perc_covered
803 lifetime_care_plans<=2*Creatinine*active_care_plans
804 lifetime_care_plans<=active_care_plans^2+procedures_lifetime
805 lifetime_care_plans<=-active_care_plan_length+2*latitude
806 lifetime_care_plans<=sqrt(medications_lifetime_cost)/Microalbumin_Creatinine
_Ratio
807 lifetime_care_plans<=sqrt(active_care_plan_length)+procedures_lifetime
808 lifetime_care_plans<=ceil(sqrt(Hematocrit__Volume_Fraction__of_Blood_by_Auto
mated_count))
809 lifetime_care_plans<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(active_c
are_plan_length)
810 lifetime_care_plans<=active_care_plans+encounters_lifetime_payer_coverage
811 lifetime_care_plans<=medications_lifetime/imaging_studies_lifetime
812 lifetime_care_plans<=active_care_plans+medications_lifetime_cost
813
lifetime_care_plans<=maximum(active_care_plans,medications_lifetime_dispenses)
814 lifetime_care_plans<=maximum(active_conditions,1/medications_lifetime_perc_c
overed)
815 lifetime_care_plans<=maximum(DALY,Potassium)
816 lifetime_care_plans<=2*lifetime_care_plan_length/DALY
817 lifetime_care_plans<=QALY^2/age
818 lifetime_care_plans<=1/2*DALY+mean_Globulin__Mass_volume__in_Serum_by_calcul
ation
819
lifetime_care_plans<=maximum(DALY,Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)

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820 lifetime_care_plans<=-Systolic_Blood_Pressure+mean_Sodium
821 lifetime_care_plans<=1/2*Respiratory_rate+1
822 lifetime_care_plans<=maximum(DALY,log(Diastolic_Blood_Pressure))
823 lifetime_care_plans<=1/2*Body_Height+longitude
824 lifetime_care_plans<=floor(2*lifetime_care_plan_length)
825 lifetime_care_plans<=log(Triglycerides)^mean_Creatinine
826 lifetime_care_plans<=ceil(Globulin__Mass_volume__in_Serum_by_calculation)+pr
cedures_lifetime_cost
827 lifetime_care_plans<=1/num_allergies+active_condition_length
828 lifetime_care_plans<=log(Estimated_Glomerular_Filtration_Rate)^Creatinine
829 lifetime_care_plans>=active_care_plans
830 lifetime_care_plans>=ceil(log(medications_active))
831 lifetime_care_plans>=ceil(log(mean_Microalbumin_Creatinine_Ratio)/log(10))
832 lifetime_care_plans>=floor(log(encounters_count)/log(10))
833 lifetime_care_plans>=1/2*active_care_plans/active_care_plan_length
834 lifetime_care_plans>=log(MCHC__Mass_volume__by_Automated_count)*medications_
lifetime_perc_covered
835 lifetime_care_plans>=-immunizations_lifetime_cost+log(Platelet_distribution_
width__Entitic_volume__in_Blood_by_Automated_count)
836 lifetime_care_plans>=1/2*imaging_studies_lifetime*mean_Hemoglobin_A1c_Hemogl
obin_total_in_Blood
837 lifetime_care_plans>=-Respiratory_rate+lifetime_conditions+1
838 lifetime_care_plans>=-active_conditions+lifetime_conditions-1
839 lifetime_care_plans>=minimum(active_care_plan_length,log(procedures_lifetime
)/log(10))
840 lifetime_care_plans>=medications_active-procedures_lifetime-1
841 lifetime_care_plans>=(1/Creatinine)^Albumin__Mass_volume__in_Serum,Plasma
842 active_care_plan_length<=encounters_lifetime_perc_covered+floor(age)
843 active_care_plan_length<=lifetime_care_plan_length
844
active_care_plan_length<=High_Density_Lipoprotein_Cholesterol*mean_Creatinine
845 active_care_plan_length<=active_care_plans*healthcare_expenses
846 active_care_plan_length<=1/2*Platelets___volume__in_Blood_by_Automated_coun
t/device_lifetime_length
847 active_care_plan_length<=active_condition_length*ceil(Creatinine)
848 active_care_plan_length<=lifetime_conditions^2+latitude
849 active_care_plan_length<=-MCHC__Mass_volume__by_Automated_count+1/2*Platelet
_distribution_width__Entitic_volume__in_Blood_by_Automated_count
850 active_care_plan_length<=maximum(active_condition_length,Microalbumin_Creati
nine_Ratio)
851 active_care_plan_length<=maximum(active_condition_length,10^Pain_severity___
0_10_verbal_numeric_rating__Score___Reported)
852 active_care_plan_length<=10^Pain_severity___0_10_verbal_numeric_rating__Scor
e___Reported*mean_High_Density_Lipoprotein_Cholesterol
853 active_care_plan_length<=2*Glucose/device_lifetime_length
854 active_care_plan_length<=sqrt(QALY)-longitude
855 active_care_plan_length<=age-medications_lifetime_perc_covered
856 active_care_plan_length<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+age

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```

857 active_care_plan_length<=2*encounters_count/imaging_studies_lifetime
858 active_care_plan_length<=maximum(active_condition_length,mean_Alkaline_phosp
hatase__Enzymatic_activity_volume__in_Serum,Plasma)
859 active_care_plan_length<=active_condition_length/imaging_studies_lifetime
860 active_care_plan_length<=floor(age)+num_allergies
861 active_care_plan_length<=Aspartate_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma*active_care_plans
862 active_care_plan_length<=active_condition_length+encounters_lifetime_payer_c
overage
863 active_care_plan_length<=1/2*Platelet_distribution_width__Entitic_volume__in
_Blood_by_Automated_count-mean_MCHC__Mass_volume__by_Automated_count
864 active_care_plan_length<=latitude+medications_lifetime_cost+1
865 active_care_plan_length<=maximum(active_condition_length,1/2*Triglycerides)
866 active_care_plan_length<=floor(MCH__Entitic_mass__by_Automated_count)/medica
tions_lifetime_perc_covered
867 active_care_plan_length<=(medications_lifetime_length-1)/Microalbumin_Creati
nine_Ratio
868 active_care_plan_length<=Erythrocyte_distribution_width__Entitic_volume__by_
Automated_count*log(Heart_rate)/log(10)
869 active_care_plan_length<=Heart_rate+Leukocytes___volume__in_Blood_by_Automa
ted_count-1
870 active_care_plan_length<=maximum(Microalbumin_Creatinine_Ratio,Estimated_Glo
merular_Filtration_Rate+1)
871 active_care_plan_length<=e^active_condition_length/lifetime_conditions
872 active_care_plan_length<=(Chloride-1)/immunizations_lifetime
873 active_care_plan_length<=QALY*log(Heart_rate)
874 active_care_plan_length<=Glucose^2/age
875 active_care_plan_length<=maximum(lifetime_condition_length,Leukocytes___vol
ume__in_Blood_by_Automated_count)
876 active_care_plan_length<=maximum(lifetime_condition_length,age-1)
877 active_care_plan_length<=lifetime_care_plan_length
878 active_care_plan_length<=2*sqrt(encounters_lifetime_total_cost)
879 active_care_plan_length<=minimum(Systolic_Blood_Pressure,floor(age))
880 active_care_plan_length<=age+medications_active-1
881 active_care_plan_length<=Heart_rate+ceil(Hemoglobin_A1c_Hemoglobin_total_in_
Blood)
882 active_care_plan_length<=minimum(Triglycerides,2*lifetime_condition_length)
883 active_care_plan_length<=maximum(active_condition_length,1/device_lifetime_l
ength)
884 active_care_plan_length<=2*medications_lifetime_length/Glomerular_filtration
_rate_1_73_sq_M_predicted
885 active_care_plan_length>=num_allergies
886 active_care_plan_length>=10^imaging_studies_lifetime-1
887 active_care_plan_length>=longitude+2*procedures_lifetime
888 active_care_plan_length>=sqrt(encounters_lifetime_payer_coverage)/Potassium
889 active_care_plan_length>=(QALY-1)/Microalbumin_Creatinine_Ratio
890
active_care_plan_length>=sqrt(High_Density_Lipoprotein_Cholesterol)-Creatinine

```

891 active_care_plan_length>=active_condition_length+mean_Bilirubin_total__Mass__volume__in_Serum,Plasma-1
 892 active_care_plan_length>=-Urea_Nitrogen+e^Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 893 active_care_plan_length>=1/2*age*medications_lifetime_perc_covered
 894 active_care_plan_length>=(log(Respiratory_rate)/log(10))^Urea_Nitrogen
 895 active_care_plan_length>=-Body_Weight+2*DALY
 896 active_care_plan_length>=2*num_allergies/encounters_lifetime_perc_covered
 897 active_care_plan_length>=-Body_Mass_Index+e^Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 898 active_care_plan_length>=(device_lifetime_length+1)*imaging_studies_lifetime
 899 active_care_plan_length>=imaging_studies_lifetime*sqrt(medications_lifetime_dispenses)
 900 active_care_plan_length>=age-mean_High_Density_Lipoprotein_Cholesterol+1
 901 active_care_plan_length>=active_care_plans*medications_active
 902 active_care_plan_length>=(lifetime_care_plans-1)/QALY
 903 active_care_plan_length>=1/2*mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count*num_allergies
 904 active_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-procedures_lifetime_cost
 905 active_care_plan_length>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,abs(active_condition_length))
 906 active_care_plan_length>=minimum(MCH__Entitic_mass__by_Automated_count,1/2*medications_lifetime)
 907 active_care_plan_length>=Microalbumin_Creatinine_Ratio*log(num_allergies)
 908 active_care_plan_length>=minimum(Sodium,e^num_allergies)
 909 active_care_plan_length>=sqrt(lifetime_care_plan_length)-procedures_lifetime
 910 active_care_plan_length>=1/2*medications_lifetime_length/mean_Sodium
 911 active_care_plan_length>=1/2*DALY*num_allergies
 912 active_care_plan_length>=sqrt(lifetime_care_plan_length)-active_conditions
 913 active_care_plan_length>=minimum(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count,medications_lifetime-1)
 914 active_care_plan_length>=log(num_allergies)/log(10)+Body_Mass_Index
 915 active_care_plan_length>=2*num_allergies*procedures_lifetime
 916 active_care_plan_length>=-healthcare_coverage+lifetime_care_plan_length
 917 active_care_plan_length>=sqrt(encounters_count)*num_allergies
 918 active_care_plan_length>=(1/2*active_care_plans)^mean_Creatinine
 919 active_care_plan_length>=DALY*log(device_lifetime_length)/log(10)
 920 active_care_plan_length>=2*device_lifetime_length/active_care_plans
 921 active_care_plan_length>=-encounters_lifetime_payer_coverage+1/2*lifetime_care_plan_length
 922 active_care_plan_length>=1/2*lifetime_care_plan_length-medications_lifetime_cost
 923 active_care_plan_length>=Globulin__Mass_volume__in_Serum_by_calculation^mean_Globulin__Mass_volume__in_Serum_by_calculation
 924 active_care_plan_length>=log(immunizations_lifetime_cost)-procedures_lifetime_cost
 925 active_care_plan_length>=1/2*Pain_severity___0_10_verbal_numeric_rating__Score

```

re___Reported*Urea_Nitrogen
926 active_care_plan_length>=floor(encounters_lifetime_perc_covered)*lifetime_care_plan_length
927 active_care_plan_length>=active_care_plans^2-procedures_lifetime
928 active_care_plan_length>=(immunizations_lifetime-1)*Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
929 active_care_plan_length>=2*medications_lifetime_dispenses/MCV__Entitic_volume__by_Automated_count
930 active_care_plan_length>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,abs(active_condition_length))
931 active_care_plan_length>=sqrt(medications_lifetime_dispenses)*medications_lifetime_perc_covered
932 active_care_plan_length>=ceil(DALY)-mean_Creatinine
933 active_care_plan_length>=minimum(Carbon_Dioxide,-Estimated_Glomerular_Filtration_Rate)
934 active_care_plan_length>=Body_Weight-Glucose+1
935 active_care_plan_length>=-Chloride+1/2*lifetime_care_plan_length
936 active_care_plan_length>=(MCH__Entitic_mass__by_Automated_count+1)*medications_lifetime_perc_covered
937 active_care_plan_length>=log(active_care_plans)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
938 active_care_plan_length>=(Hemoglobin__Mass_volume__in_Blood-1)*device_lifetime_length
939 active_care_plan_length>=sqrt(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)*active_care_plans
940 active_care_plan_length>=sqrt(encounters_lifetime_payer_coverage)+longitude
941 active_care_plan_length>=Respiratory_rate*sqrt(medications_lifetime_perc_covered)
942 active_care_plan_length>=sqrt(medications_lifetime_length)+longitude
943 active_care_plan_length>=minimum(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count,1/2*lifetime_care_plan_length)
944 active_care_plan_length>=MCH__Entitic_mass__by_Automated_count*log(medications_active)/log(10)
945 active_care_plan_length>=e^medications_active/Chloride
946 active_care_plan_length>=active_condition_length*mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
947 active_care_plan_length>=maximum(Hemoglobin_gastrointestinal__Presence__in_Stool_by_Immunologic_method,-healthcare_expenses)
948 active_care_plan_length>=medications_active^2-procedures_lifetime_cost
949 active_care_plan_length>=log(lifetime_care_plans)^Potassium
950 active_care_plan_length>=Carbon_Dioxide*log(medications_active)
951 active_care_plan_length>=sqrt(DALY)*active_care_plans
952 active_care_plan_length>=1/2*Body_Weight-latitude
953 lifetime_care_plan_length<=encounters_lifetime_total_cost
954 lifetime_care_plan_length<=(age-1)*Potassium
955 lifetime_care_plan_length<=active_condition_length^2/Potassium
956 lifetime_care_plan_length<=Body_Weight*Potassium
957 lifetime_care_plan_length<=floor(age)*lifetime_care_plans

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958 lifetime_care_plan_length<=active_care_plan_length+healthcare_coverage
959 lifetime_care_plan_length<=Systolic_Blood_Pressure+e^active_conditions
960 lifetime_care_plan_length<=(active_care_plan_length+1)*lifetime_care_plans
961 lifetime_care_plan_length<=2*active_care_plan_length+encounters_lifetime_pay
er_coverage
962 lifetime_care_plan_length<=floor(lifetime_condition_length)/imaging_studies_
lifetime
963 lifetime_care_plan_length<=mean_Microalbumin_Creatinine_Ratio+mean_Systolic_
Blood_Pressure
964 lifetime_care_plan_length<=floor(encounters_lifetime_payer_coverage)/num_all
ergies
965 lifetime_care_plan_length<=healthcare_expenses^active_care_plans
966 lifetime_care_plan_length<=(latitude^2)^active_care_plan_length
967 lifetime_care_plan_length<=maximum(active_care_plan_length,10^lifetime_care_
plans)
968 lifetime_care_plan_length<=e^active_care_plan_length/Sodium
969 lifetime_care_plan_length<=QALY^2/device_lifetime_length
970 lifetime_care_plan_length<=10^Albumin_Mass_volume__in_Serum,Plasma/DALY
971 lifetime_care_plan_length<=10^medications_active*High_Density_Lipoprotein_Ch
olesterol
972 lifetime_care_plan_length<=healthcare_expenses*lifetime_care_plans
973
lifetime_care_plan_length<=2*active_care_plan_length/imaging_studies_lifetime
974
lifetime_care_plan_length<=2*active_care_plan_length+medications_lifetime_cost
975 lifetime_care_plan_length<=(log(Diastolic_Blood_Pressure)/log(10))^active_ca
re_plan_length
976 lifetime_care_plan_length<=maximum(latitude,active_condition_length^2)
977 lifetime_care_plan_length<=2*medications_lifetime_length/MCHC_Mass_volume__
by_Automated_count
978 lifetime_care_plan_length<=medications_lifetime_dispenses/medications_active
979
lifetime_care_plan_length<=Body_Mass_Index*ceil(Microalbumin_Creatinine_Ratio)
980 lifetime_care_plan_length<=-Globulin_Mass_volume__in_Serum_by_calculation+e
^active_conditions
981
lifetime_care_plan_length<=10^DALY*mean_MCHC_Mass_volume__by_Automated_count
982 lifetime_care_plan_length<=10^DALY+Heart_rate
983 lifetime_care_plan_length<=maximum(age,10^lifetime_care_plans)
984 lifetime_care_plan_length<=DALY*e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
985 lifetime_care_plan_length<=mean_Platelet_distribution_width__Entitic_volume_
_in_Blood_by_Automated_count/num_allergies
986 lifetime_care_plan_length<=Glucose*ceil(Globulin_Mass_volume__in_Serum_by_c
alculation)
987 lifetime_care_plan_length<=10^immunizations_lifetime*Total_Cholesterol
988 lifetime_care_plan_length<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_U
rea_Nitrogen
989 lifetime_care_plan_length<=sqrt(healthcare_expenses)/num_allergies

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990 $\text{lifetime_care_plan_length} \leq (\log(\text{medications_lifetime_dispenses}) / \log(10))^{\text{Leukocytes_volume_in_Blood_by_Automated_count}}$
 991 $\text{lifetime_care_plan_length} \leq 10^{\text{active_care_plans} + \text{active_care_plan_length}}$
 992 $\text{lifetime_care_plan_length} \leq (\text{Hematocrit_Volume_Fraction_of_Blood_by_Automated_count} - 1) * \text{Leukocytes_volume_in_Blood_by_Automated_count}$
 993 $\text{lifetime_care_plan_length} \leq (2 * \text{Glucose_Mass_volume_in_Urine_by_Test_strip})^{\text{active_care_plan_length}}$
 994 $\text{lifetime_care_plan_length} \leq \sqrt{\text{MCHC_Mass_volume_by_Automated_count}} * \text{QALY}$
 995 $\text{lifetime_care_plan_length} \leq \text{Body_Height}^2 / \text{Diastolic_Blood_Pressure}$
 996 $\text{lifetime_care_plan_length} \leq \text{Respiratory_rate} + 2 * \text{lifetime_condition_length}$
 997 $\text{lifetime_care_plan_length} \leq \text{minimum}(\text{Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count}, 2 * \text{lifetime_condition_length})$
 998 $\text{lifetime_care_plan_length} \leq \text{minimum}(\text{Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count}, 10^{\text{active_care_plans}})$
 999 $\text{lifetime_care_plan_length} \leq -\text{lifetime_care_plans} * \text{longitude}$
 1000 $\text{lifetime_care_plan_length} \leq \text{QALY}^2 - \text{age}$
 1001 $\text{lifetime_care_plan_length} \leq \text{age}^2 / \text{Respiratory_rate}$
 1002 $\text{lifetime_care_plan_length} \leq 2 * \text{age} + \text{lifetime_condition_length}$
 1003 $\text{lifetime_care_plan_length} \leq 10^{\text{encounters_count} / \text{Body_Mass_Index}}$
 1004 $\text{lifetime_care_plan_length} \leq 2 * \text{encounters_lifetime_total_cost} / \text{mean_Microalbumin_Creatinine_Ratio}$
 1005 $\text{lifetime_care_plan_length} \leq 1 / \text{imaging_studies_lifetime} + \text{mean_Chloride}$
 1006 $\text{lifetime_care_plan_length} \leq 2 * \text{QALY} + \text{medications_lifetime_cost}$
 1007 $\text{lifetime_care_plan_length} \leq \text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count} * e^{\text{active_care_plans}}$
 1008 $\text{lifetime_care_plan_length} \leq 1 / 2 * \text{medications_lifetime_dispenses} / \text{Globulin_Mass_volume_in_Serum_by_calculation}$
 1009 $\text{lifetime_care_plan_length} \leq \text{DALY}^2 + \text{Systolic_Blood_Pressure}$
 1010
 $\text{lifetime_care_plan_length} \leq e^{\text{Calcium} / \text{mean_Estimated_Glomerular_Filtration_Rate}}$
 1011 $\text{lifetime_care_plan_length} \leq 2 * \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum}, \text{Plasma} + \text{procedures_lifetime_cost}$
 1012 $\text{lifetime_care_plan_length} \leq 10^{\text{Leukocytes_volume_in_Blood_by_Automated_count} / \text{Body_Height}}$
 1013 $\text{lifetime_care_plan_length} \geq \text{num_allergies}$
 1014 $\text{lifetime_care_plan_length} \geq 1 / 2 * \text{lifetime_care_plans}$
 1015 $\text{lifetime_care_plan_length} \geq \text{active_care_plan_length}$
 1016 $\text{lifetime_care_plan_length} \geq 1 / 2 * \text{device_lifetime_length} * \text{mean_Creatinine}$
 1017 $\text{lifetime_care_plan_length} \geq \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum}, \text{Plasma} + \text{active_care_plans}$
 1018 $\text{lifetime_care_plan_length} \geq \sqrt{(\text{Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count}) - \text{procedures_lifetime_cost}}$
 1019
 $\text{lifetime_care_plan_length} \geq 10^{\text{medications_lifetime_perc_covered} * \text{mean_Potassium}}$
 1020 $\text{lifetime_care_plan_length} \geq e^{\text{active_care_plans} / \text{Albumin_Mass_volume_in_Serum}, \text{Plasma}}$
 1021 $\text{lifetime_care_plan_length} \geq (\text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum}, \text{Plasma} + 1) * \text{num_allergies}$

1022 $\text{lifetime_care_plan_length} \geq 2 * \text{latitude} / \text{Microalbumin_Creatinine_Ratio}$
 1023
 $\text{lifetime_care_plan_length} \geq 1/2 * \text{medications_lifetime_dispenses} / \text{mean_Urea_Nitrogen}$
 1024 $\text{lifetime_care_plan_length} \geq 2 * \text{medications_lifetime_dispenses} / \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}$
 1025 $\text{lifetime_care_plan_length} \geq \text{Low_Density_Lipoprotein_Cholesterol} * \sqrt{\text{num_allergies}}$
 1026 $\text{lifetime_care_plan_length} \geq \text{Chloride-procedures_lifetime_cost} - 1$
 1027
 $\text{lifetime_care_plan_length} \geq (\text{medications_lifetime_dispenses} + 1) / \text{Carbon_Dioxide}$
 1028 $\text{lifetime_care_plan_length} \geq \text{active_care_plans} * \sqrt{\text{medications_lifetime}}$
 1029 $\text{lifetime_care_plan_length} \geq \text{minimum}(\text{Glucose}, e^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}})$
 1030 $\text{lifetime_care_plan_length} \geq (1/2 * \text{lifetime_care_plans})^{\text{QOLS}}$
 1031 $\text{lifetime_care_plan_length} \geq \text{active_care_plan_length} + \text{imaging_studies_lifetime}$
 1032 $\text{lifetime_care_plan_length} \geq -\text{Triglycerides} + e^{\text{Erythrocytes_volume_in_Blood_by_Automated_count}}$
 1033 $\text{lifetime_care_plan_length} \geq \text{encounters_count} * \log(\text{medications_active}) / \log(10)$
 1034 $\text{lifetime_care_plan_length} \geq (\text{active_condition_length} + 1) * \text{medications_lifetime_perc_covered}$
 1035 $\text{lifetime_care_plan_length} \geq \text{active_care_plans}^2 * \text{num_allergies}$
 1036 $\text{lifetime_care_plan_length} \geq (\text{DALY} + 1) * \text{imaging_studies_lifetime}$
 1037 $\text{lifetime_care_plan_length} \geq \text{minimum}(\text{Glucose}, \text{procedures_lifetime}^2)$
 1038
 $\text{lifetime_care_plan_length} \geq 2 * \text{Protein_Mass_volume_in_Serum,Plasma} / \text{Creatinine}$
 1039 $\text{lifetime_care_plan_length} \geq 1/2 * \text{immunizations_lifetime} * \text{mean_Microalbumin_Creatinine_Ratio}$
 1040
 $\text{lifetime_care_plan_length} \geq (\text{active_care_plans} - 1)^{\text{mean_pH_of_Urine_by_Test_strip}}$
 1041 $\text{lifetime_care_plan_length} \geq 1/2 * \text{DALY} * \text{active_care_plans}$
 1042 $\text{lifetime_care_plan_length} \geq (\text{DALY} + 1) * \text{Creatinine}$
 1043 $\text{lifetime_care_plan_length} \geq \text{Leukocytes_volume_in_Blood_by_Automated_count} * \text{device_lifetime_length}^2$
 1044 $\text{lifetime_care_plan_length} \geq \sqrt{\text{age}} * \text{num_allergies}$
 1045 $\text{lifetime_care_plan_length} \geq 10^{\log(\text{active_care_plans})}$
 1046 $\text{lifetime_care_plan_length} \geq \text{Sodium} * \log(\text{num_allergies}) / \log(10)$
 1047 $\text{lifetime_care_plan_length} \geq \sqrt{\text{Systolic_Blood_Pressure}} * \text{num_allergies}$
 1048 $\text{lifetime_care_plan_length} \geq \text{active_care_plan_length} + \text{num_allergies} - 1$
 1049 $\text{lifetime_care_plan_length} \geq \log(\text{num_allergies}) * \text{medications_lifetime} / \log(10)$
 1050 $\text{lifetime_care_plan_length} \geq e^{\text{active_care_plans} / \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}}$
 1051 $\text{lifetime_care_plan_length} \geq \text{lifetime_care_plans}^2 - \text{age}$
 1052 $\text{lifetime_care_plan_length} \geq \text{minimum}(\text{QALY}, 2 * \text{device_lifetime_length})$
 1053 $\text{lifetime_care_plan_length} \geq \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} * \text{active_care_plans}^2$
 1054 $\text{lifetime_care_plan_length} \geq \text{floor}(\text{active_care_plan_length}) + \text{medications_lifetime_perc_covered}$
 1055 $\text{lifetime_care_plan_length} \geq 2 * \text{medications_lifetime_perc_covered} * \text{procedures_l}$


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ifetime
1056 lifetime_care_plan_length>=2*active_care_plan_length+longitude
1057 lifetime_care_plan_length>=active_conditions^2-Protein__Mass_volume__in_Ser
um,Plasma
1058 lifetime_care_plan_length>=-Body_Height+1/2*lifetime_condition_length
1059 lifetime_care_plan_length>=floor(Body_Weight)/Microalbumin_Creatinine_Ratio
1060 lifetime_care_plan_length>=e^Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported/Creatinine
1061 lifetime_care_plan_length>=minimum(mean_Chloride,1/2*encounters_count)
1062 lifetime_care_plan_length>=sqrt(encounters_lifetime_total_cost)-encounters_
lifetime_payer_coverage
1063 lifetime_care_plan_length>=sqrt(encounters_lifetime_payer_coverage)-MCH__En
titic_mass__by_Automated_count
1064 lifetime_care_plan_length>=10^immunizations_lifetime-
Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
1065 lifetime_care_plan_length>=-encounters_lifetime_total_cost+1/2*medications_
lifetime_dispenses
1066 lifetime_care_plan_length>=e^medications_active/Carbon_Dioxide
1067 active_conditions<=lifetime_conditions
1068 active_conditions<=floor(lifetime_condition_length)
1069 active_conditions<=ceil(Platelet_mean_volume__Entitic_volume__in_Blood_by_A
utomated_count)
1070 active_conditions<=ceil(Estimated_Glomerular_Filtration_Rate)
1071 active_conditions<=2*floor(mean_Leukocytes____volume__in_Blood_by_Automated
_count)
1072 active_conditions<=10^(1/imaging_studies_lifetime)
1073 active_conditions<=2*age/lifetime_care_plans
1074 active_conditions<=medications_active^2+Respiratory_rate
1075 active_conditions<=maximum(procedures_lifetime,floor(Platelet_mean_volume__
Entitic_volume__in_Blood_by_Automated_count))
1076 active_conditions<=2*Calcium+2
1077 active_conditions<=Bilirubin_total__Mass_volume__in_Serum,Plasma+1/2*encoun
ters_count
1078 active_conditions<=10^floor(Microalbumin_Creatinine_Ratio)
1079
active_conditions<=maximum(encounters_count,log(healthcare_expenses)/log(10))
1080 active_conditions<=minimum(healthcare_expenses,Polyp_size_greatest_dimensio
n_by_CAP_cancer_protocols)
1081 active_conditions<=10^healthcare_coverage+1
1082 active_conditions<=10^active_care_plans+DALY
1083 active_conditions<=active_care_plans+mean_Urea_Nitrogen+1
1084 active_conditions<=ceil(lifetime_care_plan_length)^Sodium
1085 active_conditions<=1/medications_lifetime+medications_lifetime_dispenses
1086 active_conditions<=(log(Estimated_Glomerular_Filtration_Rate)/log(10))^life
time_conditions
1087 active_conditions>=imaging_studies_lifetime
1088 active_conditions>=minimum(DALY,sqrt(lifetime_conditions))
1089 active_conditions>=(active_care_plans-1)/mean_Creatinine

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```

1090 active_conditions>=-lifetime_care_plans+lifetime_conditions-1
1091 active_conditions>=-encounters_count+1/2*procedures_lifetime
1092 active_conditions>=minimum(num_allergies,lifetime_conditions)
1093 active_conditions>=active_condition_length/lifetime_condition_length
1094 active_conditions>=minimum(lifetime_conditions,device_lifetime_length)
1095 active_conditions>=(active_care_plans+1)*imaging_studies_lifetime
1096 active_conditions>=immunizations_lifetime-1
1097 active_conditions>=2*ceil(medications_lifetime_perc_covered)
1098 active_conditions>=ceil(log(lifetime_conditions))
1099 active_conditions>=ceil(Creatinine)
1100 active_conditions>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+log(medications
_lifetime_perc_covered)
1101 active_conditions>=2*floor(Globulin_Mass_volume_in_Serum_by_calculation)
1102 active_conditions>=lifetime_conditions-medications_lifetime_cost-1
1103 active_conditions>=Glomerular_filtration_rate_1_73_sq_M_predicted-
mean_Glomerular_filtration_rate_1_73_sq_M_predicted
1104 active_conditions>=sqrt(Estimated_Glomerular_Filtration_Rate)/Creatinine
1105 active_conditions>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+lifetime_condi
tions+1
1106 active_conditions>=-Heart_rate+ceil(active_care_plan_length)
1107 active_conditions>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,l
ifetime_conditions-1)
1108 active_conditions>=lifetime_conditions*medications_lifetime_perc_covered
1109 active_conditions>=minimum(Platelet_distribution_width_Entitic_volume_in_
Blood_by_Automated_count,lifetime_conditions-1)
1110 active_conditions>=(Respiratory_rate-1)/Microalbumin_Creatinine_Ratio
1111 active_conditions>=lifetime_conditions-
mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood+1
1112 active_conditions>=-Heart_rate+active_condition_length+1
1113 active_conditions>=active_care_plans-medications_lifetime
1114 active_conditions>=active_care_plans-medications_active
1115 active_conditions>=minimum(Triglycerides,medications_active-1)
1116 active_conditions>=Hemoglobin_Mass_volume_in_Blood*log(immunizations_life
time)/log(10)
1117 active_conditions>=active_care_plan_length+longitude+1
1118 active_conditions>=floor(log(DALY))
1119 active_conditions>=Alanine_aminotransferase_Enzymatic_activity_volume_in_
Serum,Plasma-QALY
1120 active_conditions>=minimum(Leukocytes___volume_in_Blood_by_Automated_coun
t,floor(lifetime_conditions))
1121 active_conditions>=log(medications_lifetime)-medications_active
1122 active_conditions>=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)/log(10)+me
dications_active
1123 active_conditions>=1/Bilirubin_total_Mass_volume_in_Serum,Plasma+1
1124 active_conditions>=minimum(lifetime_conditions,immunizations_lifetime)
1125 active_conditions>=lifetime_conditions-
mean_Pain_severity___0_10_verbal_numeric_rating_Score___Reported-1
1126 active_conditions>=minimum(Estimated_Glomerular_Filtration_Rate,2*Pain_seve

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rity__0_10_verbal_numeric_rating__Score____Reported)
1127 active_conditions>=sqrt(encounters_lifetime_total_cost)/mean_Estimated_Glomerular_Filtration_Rate
1128 active_conditions>=medications_lifetime^Total_score__MMSE_
1129 active_conditions>=minimum(lifetime_conditions,sqrt(DALY))
1130 active_conditions>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+Glomerular_filtration_rate_1_73_sq_M_predicted
1131 active_conditions>=maximum(active_care_plans,Globulin__Mass_volume__in_Serum_by_calculation)
1132 active_conditions>=-Chloride+Glucose-1
1133
active_conditions>=minimum(active_care_plan_length,sqrt(lifetime_conditions))
1134 active_conditions>=ceil(Calcium)-immunizations_lifetime_cost
1135 active_conditions>=sqrt(lifetime_condition_length)-Urea_Nitrogen
1136 active_conditions>=maximum(Polyp_size_greatest_dimension_by_CAP_cancer_protocols,mean_Creatinine)
1137 active_conditions>=floor(sqrt(mean_Estimated_Glomerular_Filtration_Rate))
1138 active_conditions>=minimum(lifetime_conditions,active_care_plans-1)
1139 active_conditions>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+floor(Calcium)
1140 active_conditions>=minimum(lifetime_conditions,device_lifetime_length^2)
1141 active_conditions>=(2*encounters_lifetime_perc_covered)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
1142 active_conditions>=-Diastolic_Blood_Pressure+floor(age)
1143 active_conditions>=minimum(lifetime_conditions,2*num_allergies)
1144 active_conditions>=minimum(medications_active,lifetime_conditions-1)
1145 active_conditions>=minimum(medications_lifetime,1/2*lifetime_conditions)
1146 active_conditions>=2*imaging_studies_lifetime/QOLS
1147 active_conditions>=Pain_severity__0_10_verbal_numeric_rating__Score____Reported*ceil(medications_lifetime_perc_covered)
1148 active_conditions>=Creatinine^2-mean_Calcium
1149 active_conditions>=sqrt(Glucose)-immunizations_lifetime_cost
1150 lifetime_conditions<=log(healthcare_expenses)+procedures_lifetime_cost
1151 lifetime_conditions<=floor(QALY)
1152 lifetime_conditions<=encounters_lifetime_total_cost
1153 lifetime_conditions<=active_conditions^2+1
1154 lifetime_conditions<=Respiratory_rate+active_care_plans
1155 lifetime_conditions<=ceil(2*mean_Leukocytes____volume__in_Blood_by_Automated_count)
1156 lifetime_conditions<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,ceil(Urea_Nitrogen))
1157 lifetime_conditions<=active_conditions+ceil(Creatinine)
1158 lifetime_conditions<=10^active_conditions
1159 lifetime_conditions<=active_conditions+lifetime_care_plans+1
1160 lifetime_conditions<=floor(e^active_conditions)
1161 lifetime_conditions<=encounters_count^2
1162 lifetime_conditions<=encounters_count+1
1163 lifetime_conditions<=active_conditions/medications_lifetime_perc_covered
1164 lifetime_conditions<=floor(Potassium^2)

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1165 lifetime_conditions<=minimum(Platelet_distribution_width__Entitic_volume__i
n_Blood_by_Automated_count,active_conditions+1)
1166
lifetime_conditions<=floor(e^Globulin__Mass_volume__in_Serum_by_calculation)
1167 lifetime_conditions<=ceil(Platelet_mean_volume__Entitic_volume__in_Blood_by
_Automated_count+1)
1168 lifetime_conditions<=floor(1/2*Alanine_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma)
1169 lifetime_conditions<=ceil(Estimated_Glomerular_Filtration_Rate+1)
1170 lifetime_conditions<=maximum(active_conditions,1/device_lifetime_length)
1171 lifetime_conditions<=10^Creatinine/num_allergies
1172 lifetime_conditions<=maximum(active_conditions,2*Albumin__Mass_volume__in_S
erum,Plasma)
1173 lifetime_conditions<=floor(Urea_Nitrogen)+procedures_lifetime_cost
1174 lifetime_conditions<=active_condition_length/num_allergies
1175 lifetime_conditions<=minimum(Platelet_distribution_width__Entitic_volume__i
n_Blood_by_Automated_count,floor(encounters_count))
1176 lifetime_conditions<=active_condition_length/immunizations_lifetime
1177 lifetime_conditions<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted
,active_conditions+1)
1178 lifetime_conditions<=floor(active_condition_length)/Pain_severity___0_10_ve
rbal_numeric_rating__Score____Reported
1179 lifetime_conditions<=active_conditions+mean_Pain_severity___0_10_verbal_num
eric_rating__Score____Reported+1
1180 lifetime_conditions<=lifetime_condition_length^2/active_care_plan_length
1181 lifetime_conditions<=minimum(Heart_rate,active_conditions^2)
1182 lifetime_conditions<=encounters_count+healthcare_coverage
1183 lifetime_conditions<=active_care_plans+encounters_count
1184 lifetime_conditions<=maximum(active_care_plan_length,encounters_count)
1185 lifetime_conditions<=encounters_count^active_conditions
1186 lifetime_conditions<=encounters_count/imaging_studies_lifetime
1187 lifetime_conditions<=Body_Mass_Index-
Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
1188 lifetime_conditions<=Pain_severity___0_10_verbal_numeric_rating__Score____R
eported+encounters_count-1
1189 lifetime_conditions<=1/2*lifetime_condition_length/num_allergies
1190 lifetime_conditions<=active_conditions+medications_lifetime_cost+1
1191 lifetime_conditions<=encounters_lifetime_perc_covered^longitude
1192 lifetime_conditions<=(active_care_plan_length-1)^High_Density_Lipoprotein_C
holesterol
1193 lifetime_conditions<=Respiratory_rate+procedures_lifetime_cost-1
1194 lifetime_conditions<=Respiratory_rate/imaging_studies_lifetime
1195 lifetime_conditions<=1/2*lifetime_care_plan_length/num_allergies
1196 lifetime_conditions<=10^(2*Creatinine)
1197 lifetime_conditions<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted
,ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma))
1198 lifetime_conditions<=active_conditions^2+encounters_lifetime_payer_coverage
1199 lifetime_conditions<=Bilirubin_total__Mass_volume__in_Serum,Plasma*sqrt(enc

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ounters_lifetime_payer_coverage)
1200 lifetime_conditions<=(log(MCH__Entitic_mass__by_Automated_count)/log(10))^a
ctive_conditions
1201 lifetime_conditions<=10^active_care_plans-Potassium
1202 lifetime_conditions<=active_care_plans^2+Urea_Nitrogen
1203 lifetime_conditions<=minimum(Protein__Mass_volume__in_Serum,Plasma,active_c
are_plans^2)
1204 lifetime_conditions<=Calcium+Microalbumin_Creatinine_Ratio
1205 lifetime_conditions<=maximum(active_conditions,1/2*QALY)
1206 lifetime_conditions<=mean_Platelet_distribution_width__Entitic_volume__in_B
lood_by_Automated_count/MCH__Entitic_mass__by_Automated_count
1207 lifetime_conditions<=ceil(2*lifetime_condition_length)
1208
lifetime_conditions<=maximum(medications_lifetime_length,active_conditions+1)
1209 lifetime_conditions<=lifetime_care_plan_length+log(Body_Height)
1210 lifetime_conditions<=encounters_count-num_allergies+1
1211 lifetime_conditions<=maximum(encounters_count,log(healthcare_coverage))
1212 lifetime_conditions<=1/2*Erythrocyte_distribution_width__Entitic_volume__by
_Automated_count*encounters_lifetime_perc_covered
1213 lifetime_conditions<=maximum(encounters_count,sqrt(age))
1214 lifetime_conditions<=2*age-latitude
1215
lifetime_conditions<=1/medications_lifetime_perc_covered+medications_lifetime
1216 lifetime_conditions<=2*QALY/Creatinine
1217 lifetime_conditions<=(log(Heart_rate)/log(10))^active_conditions
1218 lifetime_conditions<=(log(Body_Mass_Index)/log(10))^Calcium
1219 lifetime_conditions<=(log(High_Density_Lipoprotein_Cholesterol)/log(10))^ac
tive_conditions
1220 lifetime_conditions>=active_conditions
1221 lifetime_conditions>=encounters_count-healthcare_coverage
1222 lifetime_conditions>=(lifetime_condition_length-1)/active_condition_length
1223 lifetime_conditions>=lifetime_care_plans-medications_lifetime
1224 lifetime_conditions>=maximum(lifetime_care_plans,Globulin__Mass_volume__in_
Serum_by_calculation)
1225 lifetime_conditions>=(num_allergies-1)*Creatinine
1226 lifetime_conditions>=minimum(QOLS,ceil(lifetime_condition_length))
1227
lifetime_conditions>=-Estimated_Glomerular_Filtration_Rate+mean_Body_Mass_Index
1228
lifetime_conditions>=active_conditions^2/Estimated_Glomerular_Filtration_Rate
1229 lifetime_conditions>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Auto
mated_count-immunizations_lifetime_cost+1
1230 lifetime_conditions>=ceil(DALY)-mean_Microalbumin_Creatinine_Ratio
1231 lifetime_conditions>=(Estimated_Glomerular_Filtration_Rate+1)/Urea_Nitrogen
1232 lifetime_conditions>=e^active_care_plans/Sodium
1233 lifetime_conditions>=(active_care_plans-1)*immunizations_lifetime
1234
lifetime_conditions>=log(medications_lifetime_cost)-medications_lifetime_length

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1235 lifetime_conditions>=encounters_count-medications_lifetime_cost-1
1236 lifetime_conditions>=-lifetime_care_plan_length+log(encounters_count)
1237 lifetime_conditions>=log(encounters_count)-medications_active
1238 lifetime_conditions>=(2*encounters_lifetime_perc_covered)^mean_Hemoglobin_A
1c_Hemoglobin_total_in_Blood
1239 lifetime_conditions>=Diastolic_Blood_Pressure-
mean_Diastolic_Blood_Pressure-1
1240 lifetime_conditions>=1/2*Body_Mass_Index-Respiratory_rate
1241 lifetime_conditions>=Glucose-mean_Chloride-1
1242
lifetime_conditions>=-Heart_rate+floor(Estimated_Glomerular_Filtration_Rate)
1243 active_condition_length<=floor(age)
1244 active_condition_length<=lifetime_condition_length
1245 active_condition_length<=2*Microalbumin_Creatinine_Ratio+immunizations_lif
time_cost
1246 active_condition_length<=active_conditions*healthcare_expenses
1247 active_condition_length<=floor(High_Density_Lipoprotein_Cholesterol)+mean_E
stimated_Glomerular_Filtration_Rate
1248 active_condition_length<=active_care_plan_length-
mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+1
1249
active_condition_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2*mean_Calcium
1250 active_condition_length<=-MCHC__Mass_volume__by_Automated_count+1/2*Platele
t_distribution_width__Entitic_volume__in_Blood_by_Automated_count
1251 active_condition_length<=maximum(active_care_plan_length,2*Alanine_aminotra
nsferase__Enzymatic_activity_volume__in_Serum,Plasma)
1252 active_condition_length<=maximum(active_care_plan_length,e^Microalbumin_Cre
atinine_Ratio)
1253 active_condition_length<=sqrt(healthcare_coverage-1)
1254 active_condition_length<=(healthcare_coverage-1)/Low_Density_Lipoprotein_Ch
olesterol
1255 active_condition_length<=active_care_plan_length+mean_Estimated_Glomerular_
Filtration_Rate+1
1256 active_condition_length<=active_care_plan_length+healthcare_coverage
1257 active_condition_length<=age-imaging_studies_lifetime
1258 active_condition_length<=Platelets___volume__in_Blood_by_Automated_count-
Systolic_Blood_Pressure
1259 active_condition_length<=active_care_plan_length/mean_Bilirubin_total__Mass
_volume__in_Serum,Plasma
1260 active_condition_length<=floor(lifetime_care_plan_length)/medications_lifet
ime_perc_covered
1261 active_condition_length<=Glucose-active_care_plans
1262 active_condition_length<=-device_lifetime_length+lifetime_condition_length
1263 active_condition_length<=-Urea_Nitrogen+lifetime_condition_length-1
1264 active_condition_length<=(encounters_lifetime_total_cost-1)/Calcium
1265
active_condition_length<=(Hemoglobin__Mass_volume__in_Blood-1)*active_conditions
1266 active_condition_length<=immunizations_lifetime_cost-longitude-1

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1267 active_condition_length<=-active_conditions+lifetime_condition_length+1
1268 active_condition_length<=2*Bilirubin_total__Mass_volume__in_Serum,Plasma+ac
tive_care_plan_length
1269 active_condition_length<=2*Carbon_Dioxide/mean_Bilirubin_total__Mass_volume
__in_Serum,Plasma
1270 active_condition_length<=lifetime_conditions^2+latitude
1271
active_condition_length<=(encounters_count-1)*Hemoglobin__Mass_volume__in_Blood
1272 active_condition_length<=1/2*Triglycerides+active_conditions
1273
active_condition_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^mean_Potassium
1274 active_condition_length<=(Systolic_Blood_Pressure-1)/immunizations_lifetime
1275 active_condition_length<=DALY^2+mean_Estimated_Glomerular_Filtration_Rate
1276 active_condition_length<=1/num_allergies+mean_High_Density_Lipoprotein_Chol
esterol
1277 active_condition_length<=Hemoglobin__Mass_volume__in_Blood+mean_High_Densit
y_Lipoprotein_Cholesterol+1
1278 active_condition_length<=2*encounters_lifetime_total_cost/Estimated_Glomeru
lar_Filtration_Rate
1279 active_condition_length<=Total_Cholesterol-
mean_Low_Density_Lipoprotein_Cholesterol-1
1280 active_condition_length<=2*DALY+Heart_rate
1281 active_condition_length<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/proced
ures_lifetime
1282 active_condition_length<=minimum(Triglycerides,age-1)
1283 active_condition_length<=ceil(active_care_plan_length)^Sodium
1284 active_condition_length<=maximum(latitude,e^encounters_count)
1285 active_condition_length<=encounters_count+e^Potassium
1286 active_condition_length<=2*Total_Cholesterol-immunizations_lifetime_cost
1287 active_condition_length<=1/2*Chloride*active_care_plans
1288 active_condition_length<=Body_Mass_Index+e^active_conditions
1289 active_condition_length<=QALY+1/2*encounters_lifetime_payer_coverage
1290 active_condition_length<=age+medications_lifetime-1
1291 active_condition_length<=Pain_severity__0_10_verbal_numeric_rating__Score_
__Reported+age-1
1292 active_condition_length<=2*Body_Weight/num_allergies
1293 active_condition_length<=2*age-procedures_lifetime
1294 active_condition_length<=2*Body_Mass_Index+active_care_plan_length
1295 active_condition_length<=1/num_allergies+active_care_plan_length
1296 active_condition_length<=(active_conditions+1)*Respiratory_rate
1297 active_condition_length<=1/2*lifetime_condition_length/medications_lifetime
_perc_covered
1298 active_condition_length<=QOLS+floor(lifetime_condition_length)
1299 active_condition_length<=Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma+ceil(QALY)
1300 active_condition_length<=lifetime_condition_length-num_allergies+1
1301 active_condition_length<=medications_lifetime^2/medications_lifetime_perc_c
overed

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1302 active_condition_length<=Body_Mass_Index*log(QALY)
1303 active_condition_length<=2*medications_lifetime_length/Alkaline_phosphatase
__Enzymatic_activity_volume__in_Serum,Plasma
1304 active_condition_length<=2*MCV__Entitic_volume__by_Automated_count-
encounters_count
1305 active_condition_length<=QALY^2/device_lifetime_length
1306 active_condition_length<=10^DALY*QALY
1307 active_condition_length<=(2*Low_Density_Lipoprotein_Cholesterol)^Creatinine
1308 active_condition_length<=sqrt(Urea_Nitrogen)^Potassium
1309 active_condition_length<=log(Globulin__Mass_volume__in_Serum_by_calculation
)/log(10)+active_care_plan_length
1310 active_condition_length>=device_lifetime_length
1311 active_condition_length>=(lifetime_condition_length-1)/lifetime_conditions
1312 active_condition_length>=log(lifetime_condition_length)*num_allergies
1313 active_condition_length>=e^Calcium/encounters_lifetime_total_cost
1314 active_condition_length>=1/2*mean_Hematocrit__Volume_Fraction__of_Blood_by_
Automated_count*num_allergies
1315 active_condition_length>=log(lifetime_condition_length)*medications_active
1316 active_condition_length>=Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma+e^Globulin__Mass_volume__in_Serum_by_calculation
1317 active_condition_length>=QALY*log(num_allergies)/log(10)
1318
active_condition_length>=minimum(active_care_plan_length,2*active_conditions)
1319 active_condition_length>=active_care_plan_length*imaging_studies_lifetime
1320 active_condition_length>=active_care_plan_length^2/Triglycerides
1321 active_condition_length>=log(procedures_lifetime)/log(10)-1
1322
active_condition_length>=ceil(age)-mean_Estimated_Glomerular_Filtration_Rate
1323 active_condition_length>=-Albumin__Mass_volume__in_Serum,Plasma+1/2*Glucose
1324 active_condition_length>=active_care_plan_length*floor(encounters_lifetime_
perc_covered)
1325
active_condition_length>=e^lifetime_care_plans/Microalbumin_Creatinine_Ratio
1326 active_condition_length>=2*Glucose-Total_Cholesterol
1327 active_condition_length>=active_care_plan_length-
encounters_lifetime_payer_coverage
1328 active_condition_length>=2*QALY-mean_Glucose
1329 active_condition_length>=-Erythrocytes___volume__in_Blood_by_Automated_cou
nt+1/2*encounters_count
1330 active_condition_length>=active_care_plan_length-medications_lifetime_cost
1331 active_condition_length>=age*medications_lifetime_perc_covered^2
1332 active_condition_length>=minimum(active_care_plan_length,device_lifetime_le
ngth^2)
1333 active_condition_length>=2*medications_lifetime_dispenses-
medications_lifetime_length
1334 active_condition_length>=minimum(Platelet_mean_volume__Entitic_volume__in_B
lood_by_Automated_count,abs(active_care_plan_length))
1335 active_condition_length>=active_care_plan_length-healthcare_coverage

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1336 active_condition_length>=1/2*active_care_plan_length/Creatinine
1337 active_condition_length>=sqrt(Erythrocyte_distribution_width__Entitic_volum
e__by_Automated_count)*medications_active
1338 active_condition_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-procedu
res_lifetime_cost
1339 active_condition_length>=minimum(Hematocrit__Volume_Fraction__of_Blood_by_A
utomated_count,abs(active_care_plan_length))
1340 active_condition_length>=1/2*Estimated_Glomerular_Filtration_Rate-
medications_lifetime
1341 active_condition_length>=(log(Sodium)/log(10))^mean_Creatinine
1342 active_condition_length>=(active_care_plan_length+1)*medications_lifetime_p
erc_covered
1343 active_condition_length>=lifetime_care_plans*log(DALY)
1344 active_condition_length>=longitude+2*procedures_lifetime
1345 active_condition_length>=log(DALY)+mean_DALY
1346 active_condition_length>=Platelet_mean_volume__Entitic_volume__in_Blood_by_
Automated_count*log(encounters_count)/log(10)
1347 active_condition_length>=1/2*Respiratory_rate*mean_Creatinine
1348 active_condition_length>=sqrt(Body_Weight)-procedures_lifetime_cost
1349 active_condition_length>=log(lifetime_care_plan_length)*mean_Urea_Nitrogen/
log(10)
1350
active_condition_length>=minimum(Carbon_Dioxide,abs(active_care_plan_length))
1351 active_condition_length>=MCV__Entitic_volume__by_Automated_count*log(device
_lifetime_length)/log(10)
1352 active_condition_length>=Protein__Mass_volume__in_Serum,Plasma-
mean_Carbon_Dioxide+1
1353 active_condition_length>=Glomerular_filtration_rate_1_73_sq_M_predicted-
procedures_lifetime_cost+1
1354 active_condition_length>=-Creatinine+e^num_allergies
1355 active_condition_length>=-Urea_Nitrogen+e^Pain_severity___0_10_verbal_numer
ic_rating__Score___Reported
1356 active_condition_length>=(Protein__Mass_volume__in_Serum,Plasma+1)*medicati
ons_lifetime_perc_covered
1357 active_condition_length>=-Leukocytes___volume__in_Blood_by_Automated_count
+1/2*encounters_count
1358 active_condition_length>=Alkaline_phosphatase__Enzymatic_activity_volume__i
n_Serum,Plasma-Glomerular_filtration_rate_1_73_sq_M_predicted
1359 active_condition_length>=medications_active^2/Creatinine
1360 active_condition_length>=2*DALY*imaging_studies_lifetime
1361 active_condition_length>=minimum(Hemoglobin__Mass_volume__in_Blood,1/2*life
time_condition_length)
1362 active_condition_length>=maximum(Hemoglobin_gastrointestinal__Presence__in_
Stool_by_Immunologic_method,-healthcare_expenses)
1363 active_condition_length>=sqrt(Hemoglobin_gastrointestinal__Presence__in_Sto
ol_by_Immunologic_method)^Pain_severity___0_10_verbal_numeric_rating__Score___R
eported
1364

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active_condition_length>=minimum(lifetime_condition_length,2*medications_active)
1365 active_condition_length>=log(Body_Height)*num_allergies
1366 active_condition_length>=-Body_Height+1/2*Platelets___volume__in_Blood_by_
Automated_count
1367 active_condition_length>=Triglycerides*log(num_allergies)/log(10)
1368 active_condition_length>=age^2/mean_Sodium
1369 active_condition_length>=log(active_care_plans)^Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood
1370 active_condition_length>=Leukocytes___volume__in_Blood_by_Automated_count^
2+longitude
1371 active_condition_length>=DALY*log(active_conditions)/log(10)
1372 lifetime_condition_length<=encounters_lifetime_total_cost
1373 lifetime_condition_length<=Platelet_distribution_width__Entitic_volume__in_
Blood_by_Automated_count-mean_Hemoglobin__Mass_volume__in_Blood+1
1374 lifetime_condition_length<=1/2*Leukocytes___volume__in_Blood_by_Automated_
count*Systolic_Blood_Pressure
1375 lifetime_condition_length<=Urea_Nitrogen*ceil(active_condition_length)
1376 lifetime_condition_length<=floor(age)*lifetime_conditions
1377 lifetime_condition_length<=maximum(encounters_lifetime_payer_coverage,2*lat
itude)
1378 lifetime_condition_length<=Carbon_Dioxide^2+mean_Estimated_Glomerular_Filtr
ation_Rate
1379 lifetime_condition_length<=-Alkaline_phosphatase__Enzymatic_activity_volume
__in_Serum,Plasma+1/2*medications_lifetime_dispenses
1380 lifetime_condition_length<=-Estimated_Glomerular_Filtration_Rate+1/2*medica
tions_lifetime_length
1381 lifetime_condition_length<=healthcare_expenses^active_conditions
1382 lifetime_condition_length<=10^active_condition_length+1
1383 lifetime_condition_length<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)^act
ive_conditions
1384 lifetime_condition_length<=(active_conditions+1)*latitude
1385
lifetime_condition_length<=2*medications_lifetime_dispenses/medications_active
1386 lifetime_condition_length<=sqrt(MCV__Entitic_volume__by_Automated_count)^ac
tive_conditions
1387 lifetime_condition_length<=e^Urea_Nitrogen/active_conditions
1388 lifetime_condition_length<=maximum(active_condition_length,10^lifetime_cond
itions)
1389 lifetime_condition_length<=healthcare_expenses*lifetime_conditions
1390 lifetime_condition_length<=(active_condition_length+1)*lifetime_conditions
1391 lifetime_condition_length<=1/2*medications_lifetime_dispenses/num_allergies
1392 lifetime_condition_length<=Diastolic_Blood_Pressure+1/2*encounters_lifetime
_payer_coverage
1393 lifetime_condition_length<=Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count*active_conditions^2
1394 lifetime_condition_length<=maximum(medications_lifetime_dispenses,1/device_
lifetime_length)
1395

```

$\text{lifetime_condition_length} \leq 10^{\text{encounters_count} / \text{Hemoglobin_Mass_volume_in_Blood}}$
1396 $\text{lifetime_condition_length} \leq 10^{\text{lifetime_care_plans} + \text{mean_Microalbumin_Creatinine_Ratio}}$
1397 $\text{lifetime_condition_length} \leq 2 * \text{DALY} * \text{mean_Estimated_Glomerular_Filtration_Rate}$
1398 $\text{lifetime_condition_length} \leq 1/2 * \text{Low_Density_Lipoprotein_Cholesterol} * \text{lifetime_conditions}$
1399 $\text{lifetime_condition_length} \leq (\log(\text{Respiratory_rate}) / \log(10))^{\text{mean_Diastolic_Blood_Pressure}}$
1400 $\text{lifetime_condition_length} \leq \text{Respiratory_rate} * e^{\text{active_conditions}}$
1401 $\text{lifetime_condition_length} \leq \text{Systolic_Blood_Pressure} + e^{\text{active_conditions}}$
1402 $\text{lifetime_condition_length} \leq (\text{active_condition_length} + 1)^{\text{lifetime_conditions}}$
1403
 $\text{lifetime_condition_length} \leq (\text{DALY} + 1) * \text{mean_MCV_Entitic_volume_by_Automated_count}$
1404 $\text{lifetime_condition_length} \leq \text{Chloride} + e^{\text{active_conditions}}$
1405 $\text{lifetime_condition_length} \leq 10^{\text{active_care_plans} - \text{Globulin_Mass_volume_in_Serum_by_calculation}}$
1406 $\text{lifetime_condition_length} \leq (\text{encounters_count} - 1) * \text{Diastolic_Blood_Pressure}$
1407 $\text{lifetime_condition_length} \leq (\text{Carbon_Dioxide} + 1)^2$
1408 $\text{lifetime_condition_length} \leq \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma}^2 / \text{QOLS}$
1409 $\text{lifetime_condition_length} \leq \sqrt{\text{healthcare_expenses}} - \text{active_conditions}$
1410 $\text{lifetime_condition_length} \leq 10^{\text{Leukocytes_volume_in_Blood_by_Automated_count} / \text{medications_lifetime}}$
1411 $\text{lifetime_condition_length} \leq e^{\text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count} / \text{encounters_count}}$
1412 $\text{lifetime_condition_length} \leq \text{maximum}(\text{medications_lifetime}, 10^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}})$
1413
 $\text{lifetime_condition_length} \leq (\text{Body_Mass_Index} + 1)^{\text{Microalbumin_Creatinine_Ratio}}$
1414 $\text{lifetime_condition_length} \leq 10^{\text{Bilirubin_total_Mass_volume_in_Serum, Plasma} * \text{Sodium}}$
1415 $\text{lifetime_condition_length} \leq 10^{\text{DALY} + \text{Triglycerides}}$
1416 $\text{lifetime_condition_length} \leq \text{Body_Mass_Index}^2 - \text{age}$
1417 $\text{lifetime_condition_length} \leq 2 * \text{medications_lifetime_dispenses} / \text{imaging_studies_lifetime}$
1418 $\text{lifetime_condition_length} \leq \sqrt{\text{active_care_plan_length}}^{\text{mean_Potassium}}$
1419 $\text{lifetime_condition_length} \leq \text{High_Density_Lipoprotein_Cholesterol}^2 * \text{encounters_lifetime_perc_covered}$
1420 $\text{lifetime_condition_length} \leq 2 * \text{Sodium} / \text{Bilirubin_total_Mass_volume_in_Serum, Plasma}$
1421 $\text{lifetime_condition_length} \leq \text{Respiratory_rate}^2 + \text{medications_lifetime_cost}$
1422 $\text{lifetime_condition_length} \leq \text{active_care_plan_length}^2 / \text{medications_lifetime_perc_covered}$
1423 $\text{lifetime_condition_length} \leq \text{Hematocrit_Volume_Fraction_of_Blood_by_Automated_count}^2 / \text{medications_active}$
1424
 $\text{lifetime_condition_length} \leq \text{Body_Weight} + 1/2 * \text{encounters_lifetime_payer_coverage}$
1425 $\text{lifetime_condition_length} \leq 2 * \text{Creatinine} * \text{mean_Alkaline_phosphatase_Enzymatic}$

c_activity_volume__in_Serum,Plasma
1426 lifetime_condition_length<=Hematocrit__Volume_Fraction__of_Blood_by_Automat
ed_count^2/active_care_plans
1427 lifetime_condition_length<=sqrt(healthcare_expenses)/num_allergies
1428 lifetime_condition_length<=10^medications_lifetime+Triglycerides
1429 lifetime_condition_length<=active_condition_length^2/medications_active
1430 lifetime_condition_length<=(log(Body_Mass_Index)/log(10))^active_condition_
length
1431 lifetime_condition_length<=e^medications_lifetime/medications_lifetime_perc
_covered
1432 lifetime_condition_length<=1/medications_lifetime_length+medications_lifeti
me_cost
1433 lifetime_condition_length<=age*log(Platelet_distribution_width__Entitic_vol
ume__in_Blood_by_Automated_count)
1434
lifetime_condition_length<=10^medications_lifetime_length/medications_lifetime
1435 lifetime_condition_length<=2*QALY+encounters_lifetime_payer_coverage
1436 lifetime_condition_length<=10^DALY*Systolic_Blood_Pressure
1437 lifetime_condition_length<=Body_Height+e^DALY
1438 lifetime_condition_length<=(High_Density_Lipoprotein_Cholesterol+1)*active_
conditions
1439 lifetime_condition_length>=active_conditions
1440 lifetime_condition_length>=active_condition_length
1441 lifetime_condition_length>=Carbon_Dioxide+1/2*lifetime_care_plan_length
1442 lifetime_condition_length>=Calcium+encounters_count-1
1443 lifetime_condition_length>=active_condition_length^2/latitude
1444 lifetime_condition_length>=1/2^DALY*active_conditions
1445 lifetime_condition_length>=(active_care_plans-1)*Carbon_Dioxide
1446 lifetime_condition_length>=Chloride*log(num_allergies)
1447
lifetime_condition_length>=(High_Density_Lipoprotein_Cholesterol+1)/Creatinine
1448 lifetime_condition_length>=log(device_lifetime_length)+mean_Triglycerides
1449 lifetime_condition_length>=active_care_plans*e^Globulin__Mass_volume__in_Se
rum_by_calculation
1450 lifetime_condition_length>=2*mean_Microalbumin_Creatinine_Ratio*medications
_lifetime_perc_covered
1451 lifetime_condition_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*medicat
ions_active^2
1452 lifetime_condition_length>=1/2*age/mean_Bilirubin_total__Mass_volume__in_Se
rum,Plasma
1453 lifetime_condition_length>=Body_Mass_Index*log(lifetime_conditions)/log(10)
1454 lifetime_condition_length>=minimum(Chloride,DALY^2)
1455 lifetime_condition_length>=-Chloride+lifetime_care_plan_length+1
1456 lifetime_condition_length>=Respiratory_rate^2/Microalbumin_Creatinine_Ratio
1457
lifetime_condition_length>=10^medications_active/Microalbumin_Creatinine_Ratio
1458 lifetime_condition_length>=sqrt(encounters_lifetime_payer_coverage)-Hemoglo
bin__Mass_volume__in_Blood

1459 lifetime_condition_length>=Microalbumin_Creatinine_Ratio^2/mean_Glucose
 1460 lifetime_condition_length>=1/2*Alanine_aminotransferase__Enzymatic_activity
 _volume__in_Serum,Plasma-longitude
 1461 lifetime_condition_length>=active_conditions*log(medications_lifetime_dispe
 nses)/log(10)
 1462 lifetime_condition_length>=2*active_care_plan_length-healthcare_coverage
 1463 lifetime_condition_length>=1/2*medications_lifetime_dispenses/Leukocytes___
 _volume__in_Blood_by_Automated_count
 1464 lifetime_condition_length>=age^2/mean_Estimated_Glomerular_Filtration_Rate
 1465
 lifetime_condition_length>=log(encounters_lifetime_total_cost)*mean_Potassium
 1466 lifetime_condition_length>=log(Erythrocytes____volume__in_Blood_by_Automate
 d_count)*medications_lifetime
 1467 lifetime_condition_length>=(age+1)*imaging_studies_lifetime
 1468 lifetime_condition_length>=Aspartate_aminotransferase__Enzymatic_activity_v
 olume__in_Serum,Plasma*sqrt(Urea_Nitrogen)
 1469 lifetime_condition_length>=10^num_allergies/Albumin__Mass_volume__in_Serum,
 Plasma
 1470
 lifetime_condition_length>=1/2*Microalbumin_Creatinine_Ratio*active_care_plans
 1471 lifetime_condition_length>=2*Erythrocyte_distribution_width__Entitic_volume
 __by_Automated_count*device_lifetime_length
 1472 lifetime_condition_length>=lifetime_conditions^2-Triglycerides
 1473 lifetime_condition_length>=sqrt(encounters_lifetime_total_cost)*medications
 _lifetime_perc_covered
 1474 lifetime_condition_length>=active_condition_length+active_conditions-1
 1475 lifetime_condition_length>=age+log(medications_lifetime_perc_covered)
 1476
 lifetime_condition_length>=minimum(Triglycerides,1/2*active_care_plan_length)
 1477 lifetime_condition_length>=sqrt(Body_Height)*num_allergies
 1478 lifetime_condition_length>=Estimated_Glomerular_Filtration_Rate-
 active_care_plan_length+1
 1479 lifetime_condition_length>=minimum(lifetime_care_plan_length,active_conditi
 ons^2)
 1480 lifetime_condition_length>=1/2*Microalbumin_Creatinine_Ratio+lifetime_care_
 plan_length
 1481 lifetime_condition_length>=device_lifetime_length*log(Triglycerides)
 1482 lifetime_condition_length>=(1/2*Hemoglobin_gastrointestinal__Presence__in_S
 tool_by_Immunologic_method)^Pain_severity___0_10_verbal_numeric_rating__Score___
 _Reported
 1483 lifetime_condition_length>=active_care_plan_length*ceil(medications_lifetim
 e_perc_covered)
 1484 lifetime_condition_length>=2*lifetime_conditions/latitude
 1485 lifetime_condition_length>=(active_care_plans-1)*lifetime_conditions
 1486 lifetime_condition_length>=2*active_conditions-procedures_lifetime
 1487 lifetime_condition_length>=-Body_Mass_Index+2*active_condition_length
 1488 lifetime_condition_length>=active_condition_length+num_allergies-1
 1489 lifetime_condition_length>=sqrt(active_condition_length)*num_allergies

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1490 lifetime_condition_length>=2*active_conditions*num_allergies
1491 lifetime_condition_length>=e^active_care_plans/Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood
1492 lifetime_condition_length>=2*active_care_plan_length-
medications_lifetime_cost
1493 lifetime_condition_length>=1/2*lifetime_care_plan_length/Creatinine
1494
lifetime_condition_length>=minimum(Triglycerides,floor(medications_lifetime))
1495 lifetime_condition_length>=minimum(Glucose,10^DALY)
1496 lifetime_condition_length>=(immunizations_lifetime-1)*mean_Glucose
1497 lifetime_condition_length>=Platelet_distribution_width__Entitic_volume__in_
Blood_by_Automated_count*log(immunizations_lifetime)
1498 lifetime_condition_length>=1/2*Systolic_Blood_Pressure*medications_lifetime
_perc_covered
1499 lifetime_condition_length>=lifetime_care_plan_length*medications_lifetime_p
erc_covered^2
1500 lifetime_condition_length>=QALY*ceil(medications_lifetime_perc_covered)
1501 lifetime_condition_length>=(2*medications_lifetime_perc_covered)^Leukocytes
___volume__in_Blood_by_Automated_count
1502 lifetime_condition_length>=log(DALY)*mean_DALY
1503 lifetime_condition_length>=active_condition_length*log(DALY)/log(10)
1504 lifetime_condition_length>=-Total_Cholesterol+floor(Triglycerides)
1505 lifetime_condition_length>=log(Carbon_Dioxide)^mean_Creatinine
1506 device_lifetime_length<=healthcare_coverage
1507 device_lifetime_length<=active_condition_length
1508 device_lifetime_length<=lifetime_care_plan_length
1509 device_lifetime_length<=immunizations_lifetime_cost/QOLS
1510 device_lifetime_length<=encounters_lifetime_payer_coverage
1511 device_lifetime_length<=medications_lifetime_cost
1512 device_lifetime_length<=num_allergies^Body_temperature
1513 device_lifetime_length<=sqrt(age)+medications_lifetime
1514 device_lifetime_length<=immunizations_lifetime_cost/medications_lifetime_pe
rc_covered
1515 device_lifetime_length<=Bilirubin_total__Mass_volume__in_Serum,Plasma*log(a
ctive_care_plan_length)
1516 device_lifetime_length<=(log(medications_lifetime)/log(10))^Body_Height
1517 device_lifetime_length<=2*Total_Cholesterol/MCV__Entitic_volume__by_Automat
ed_count
1518 device_lifetime_length<=1/2*DALY*medications_lifetime
1519 device_lifetime_length<=num_allergies^Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma
1520 device_lifetime_length<=imaging_studies_lifetime/num_allergies
1521 device_lifetime_length<=sqrt(QOLS-1)
1522 device_lifetime_length<=active_care_plan_length^2
1523 device_lifetime_length<=Creatinine^healthcare_expenses
1524 device_lifetime_length<=log(Creatinine)^healthcare_expenses
1525 device_lifetime_length<=floor(active_condition_length)
1526 device_lifetime_length<=(Pain_severity__0_10_verbal_numeric_rating__Score_

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__Reported-1)^Platelet_distribution_width__Entitic_volume__in_Blood_by_Automate
d_count
1527 device_lifetime_length<=Glucose__Mass_volume__in_Urine_by_Test_strip^medica
tions_lifetime_cost
1528 device_lifetime_length<=log(medications_active)^longitude
1529 device_lifetime_length<=minimum(healthcare_expenses,Lymph_nodes_with_isolat
ed_tumor_cells____in_Cancer_specimen_by_Light_microscopy)
1530 device_lifetime_length<=2*lifetime_care_plan_length/mean_Creatinine
1531 device_lifetime_length<=Platelet_distribution_width__Entitic_volume__in_Blo
od_by_Automated_count*medications_lifetime_perc_covered
1532 device_lifetime_length<=(1/longitude)^medications_lifetime_length
1533 device_lifetime_length<=healthcare_expenses*medications_active
1534 device_lifetime_length<=(Pain_severity__0_10_verbal_numeric_rating__Score_
__Reported-1)^longitude
1535 device_lifetime_length<=-active_condition_length+lifetime_condition_length
1536 device_lifetime_length<=(DALY-1)^healthcare_expenses
1537 device_lifetime_length<=procedures_lifetime/Globulin__Mass_volume__in_Serum
_by_calculation
1538 device_lifetime_length<=procedures_lifetime_cost/imaging_studies_lifetime
1539 device_lifetime_length<=procedures_lifetime_cost^Triglycerides
1540
device_lifetime_length<=immunizations_lifetime_cost/imaging_studies_lifetime
1541 device_lifetime_length<=DALY*healthcare_expenses
1542 device_lifetime_length<=procedures_lifetime_cost^Creatinine
1543 device_lifetime_length<=Respiratory_rate*log(latitude)
1544 device_lifetime_length<=log(DALY)^healthcare_expenses
1545 device_lifetime_length>=-imaging_studies_lifetime
1546 device_lifetime_length>=-healthcare_coverage
1547 device_lifetime_length>=-num_allergies
1548 device_lifetime_length>=-active_conditions
1549 device_lifetime_length>=maximum(Globulin__Mass_volume__in_Serum_by_calculat
ion,-Estimated_Glomerular_Filtration_Rate)
1550 device_lifetime_length>=-Pain_severity__0_10_verbal_numeric_rating__Score_
__Reported+immunizations_lifetime-1
1551 device_lifetime_length>=-Body_Weight+High_Density_Lipoprotein_Cholesterol+1
1552 device_lifetime_length>=Creatinine^2-active_care_plan_length
1553 encounters_count<=encounters_lifetime_total_cost
1554 encounters_count<=maximum(latitude,lifetime_condition_length-1)
1555 encounters_count<=1/2*encounters_lifetime_total_cost/latitude
1556 encounters_count<=1/2*encounters_lifetime_total_cost/Alanine_aminotransfera
se__Enzymatic_activity_volume__in_Serum,Plasma
1557 encounters_count<=(encounters_lifetime_total_cost-1)/Heart_rate
1558 encounters_count<=Leukocytes____volume__in_Blood_by_Automated_count+e^activ
e_conditions
1559 encounters_count<=maximum(age,2*medications_lifetime)
1560 encounters_count<=(encounters_lifetime_total_cost-1)/Body_Weight
1561 encounters_count<=active_condition_length*e^Creatinine
1562 encounters_count<=(encounters_lifetime_total_cost-1)/Glucose

```

```

1563 encounters_count<=Aspartate_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma^2+device_lifetime_length
1564 encounters_count<=(encounters_lifetime_total_cost-1)/Chloride
1565 encounters_count<=e^Leukocytes____volume__in_Blood_by_Automated_count/devic
e_lifetime_length
1566 encounters_count<=2*Body_Height+Heart_rate
1567 encounters_count<=e^Calcium/mean_Estimated_Glomerular_Filtration_Rate
1568 encounters_count<=healthcare_coverage+lifetime_conditions
1569 encounters_count<=Estimated_Glomerular_Filtration_Rate^2+Triglycerides
1570 encounters_count<=10^lifetime_care_plans-mean_Microalbumin_Creatinine_Ratio
1571 encounters_count<=lifetime_care_plan_length^2/device_lifetime_length
1572 encounters_count<=1/2*encounters_lifetime_total_cost/Hematocrit__Volume_Fra
ction__of_Blood_by_Automated_count
1573 encounters_count<=sqrt(healthcare_coverage)-Platelet_mean_volume__Entitic_v
olume__in_Blood_by_Automated_count
1574 encounters_count<=maximum(medications_lifetime,sqrt(encounters_lifetime_tot
al_cost))
1575 encounters_count<=QALY+medications_lifetime-1
1576 encounters_count<=10^lifetime_conditions/active_conditions
1577 encounters_count<=Respiratory_rate+lifetime_condition_length
1578 encounters_count<=mean_Calcium+medications_lifetime+1
1579 encounters_count<=(Glomerular_filtration_rate_1_73_sq_M_predicted+1)*active
_care_plans
1580 encounters_count<=-Leukocytes____volume__in_Blood_by_Automated_count+Systol
ic_Blood_Pressure-1
1581 encounters_count<=2*age+lifetime_care_plan_length
1582 encounters_count<=10^Creatinine+Protein__Mass_volume__in_Serum,Plasma
1583 encounters_count<=Urea_Nitrogen+medications_lifetime-1
1584 encounters_count<=floor(Glomerular_filtration_rate_1_73_sq_M_predicted)+med
ications_lifetime
1585 encounters_count<=sqrt(MCV__Entitic_volume__by_Automated_count)+Low_Density
_Lipoprotein_Cholesterol
1586 encounters_count<=Aspartate_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma*e^procedures_lifetime
1587 encounters_count<=lifetime_conditions+medications_lifetime_cost+1
1588 encounters_count<=floor(MCH__Entitic_mass__by_Automated_count)+immunization
s_lifetime_cost
1589 encounters_count<=10^Microalbumin_Creatinine_Ratio*Creatinine
1590 encounters_count<=minimum(healthcare_expenses,Hemoglobin_gastrointestinal__
Presence__in_Stool_by_Immunologic_method)
1591 encounters_count<=10^(10^lifetime_care_plans)
1592 encounters_count<=10^(10^medications_lifetime)
1593 encounters_count<=10^medications_lifetime+lifetime_conditions
1594 encounters_count<=10^medications_lifetime+active_condition_length
1595 encounters_count<=Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted^2+encounters_lifetime_payer_coverage
1596 encounters_count<=2*encounters_lifetime_total_cost/Body_Height
1597 encounters_count<=10^lifetime_care_plans+active_condition_length

```



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1598 encounters_count<=10^immunizations_lifetime*Protein_Mass_volume__in_Serum,
Plasma
1599 encounters_count<=Respiratory_rate^2+lifetime_care_plan_length
1600 encounters_count<=10^lifetime_care_plans+Respiratory_rate
1601 encounters_count<=e^lifetime_care_plan_length/active_care_plan_length
1602 encounters_count<=10^DALY-longitude
1603 encounters_count<=-Glomerular_filtration_rate_1_73_sq_M_predicted+1/2*medic
ations_lifetime_dispenses
1604 encounters_count<=2*encounters_lifetime_total_cost/Total_Cholesterol
1605 encounters_count<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+e^lifetime_cond
itions
1606
encounters_count<=2*Albumin_Mass_volume__in_Serum,Plasma+medications_lifetime
1607 encounters_count<=e^Calcium/Estimated_Glomerular_Filtration_Rate
1608 encounters_count<=10^medications_lifetime/device_lifetime_length
1609 encounters_count<=e^medications_lifetime/imaging_studies_lifetime
1610 encounters_count<=2*medications_lifetime/medications_lifetime_perc_covered
1611
encounters_count<=maximum(medications_lifetime_length,log(Total_Cholesterol))
1612 encounters_count<=10^DALY*QALY
1613 encounters_count<=10^DALY+medications_lifetime_dispenses
1614 encounters_count<=e^DALY+medications_lifetime_cost
1615 encounters_count<=2*Diastolic_Blood_Pressure-
MCHC_Mass_volume__by_Automated_count
1616 encounters_count<=Creatinine^2*lifetime_condition_length
1617 encounters_count<=lifetime_care_plan_length*log(Urea_Nitrogen)
1618 encounters_count<=ceil(Globulin_Mass_volume__in_Serum_by_calculation)*medi
cations_lifetime
1619 encounters_count>=num_allergies
1620 encounters_count>=active_care_plans
1621 encounters_count>=(encounters_lifetime_total_cost+1)/Sodium
1622
encounters_count>=(medications_lifetime_perc_covered+1)*device_lifetime_length
1623 encounters_count>=encounters_lifetime_perc_covered
1624 encounters_count>=immunizations_lifetime
1625 encounters_count>=medications_active
1626 encounters_count>=sqrt(active_conditions)
1627 encounters_count>=minimum(medications_lifetime,log(healthcare_expenses))
1628 encounters_count>=active_conditions-1
1629 encounters_count>=sqrt(lifetime_conditions)
1630 encounters_count>=lifetime_conditions-1
1631 encounters_count>=-lifetime_care_plans+1/2*procedures_lifetime
1632 encounters_count>=minimum(Platelet_distribution_width__Entitic_volume__in_B
lood_by_Automated_count,floor(active_conditions))
1633
encounters_count>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported-
immunizations_lifetime_cost
1634

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```

encounters_count>=1/2*encounters_lifetime_total_cost/Diastolic_Blood_Pressure
1635 encounters_count>=ceil(2*Albumin__Mass_volume__in_Serum,Plasma)
1636 encounters_count>=(encounters_lifetime_total_cost+1)/mean_Sodium
1637 encounters_count>=sqrt(encounters_lifetime_total_cost)-latitude
1638 encounters_count>=active_conditions+num_allergies-1
1639 encounters_count>=(active_conditions+1)*imaging_studies_lifetime
1640 encounters_count>=1/2*latitude*medications_lifetime_perc_covered
1641 encounters_count>=-Heart_rate+age+1
1642 encounters_count>=-MCV__Entitic_volume__by_Automated_count+1/2*Systolic_Blo
od_Pressure
1643 encounters_count>=1/2*lifetime_care_plan_length-
mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
1644 encounters_count>=1/2*medications_active^2
1645 encounters_count>=-active_care_plans+2*lifetime_care_plans
1646
encounters_count>=-active_care_plan_length+log(medications_lifetime_dispenses)
1647 encounters_count>=ceil(Creatinine^2)
1648 encounters_count>=minimum(active_conditions,10^device_lifetime_length)
1649 encounters_count>=minimum(active_conditions,procedures_lifetime)
1650 encounters_count>=minimum(procedures_lifetime,medications_lifetime-1)
1651 encounters_count>=-active_care_plans+active_conditions
1652 encounters_count>=minimum(medications_lifetime,1/2*active_care_plan_length)
1653 encounters_count>=1/2*High_Density_Lipoprotein_Cholesterol*medications_life
time_perc_covered
1654 encounters_count>=-healthcare_coverage+lifetime_conditions
1655 encounters_count>=-active_care_plans+lifetime_conditions
1656 encounters_count>=(Carbon_Dioxide+1)*imaging_studies_lifetime
1657 encounters_count>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum
,Plasma-lifetime_care_plan_length+1
1658
encounters_count>=(Hemoglobin__Mass_volume__in_Blood+1)*device_lifetime_length
1659 encounters_count>=minimum(active_care_plan_length,sqrt(DALY))
1660 encounters_count>=minimum(Leukocytes___volume__in_Blood_by_Automated_count
,active_care_plans^2)
1661 encounters_count>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Respira
tory_rate)
1662 encounters_count>=Microalbumin_Creatinine_Ratio/mean_Creatinine
1663 encounters_count>=maximum(Hemoglobin_gastrointestinal__Presence__in_Stool_b
y_Immunologic_method,mean_Creatinine)
1664 encounters_count>=sqrt(encounters_lifetime_payer_coverage)-Aspartate_aminot
ransferase__Enzymatic_activity_volume__in_Serum,Plasma
1665 encounters_count>=(1/2*Pain_severity__0_10_verbal_numeric_rating__Score___
_Reported)^Albumin__Mass_volume__in_Serum,Plasma
1666 encounters_count>=10^device_lifetime_length/Globulin__Mass_volume__in_Serum
_by_calculation
1667 encounters_count>=1/2*age*medications_lifetime_perc_covered
1668 encounters_count>=1/4*medications_lifetime
1669

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```

encounters_count>=(1/2*age)^mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
1670 encounters_count>=-Respiratory_rate+floor(Urea_Nitrogen)
1671 encounters_count>=-Carbon_Dioxide+e^num_allergies
1672 encounters_count>=num_allergies^2-Pain_severity___0_10_verbal_numeric_ratin
g__Score____Reported
1673 encounters_count>=Microalbumin_Creatinine_Ratio*num_allergies^2
1674 encounters_count>=2*encounters_lifetime_payer_coverage/Platelet_distributio
n_width__Entitic_volume__in_Blood_by_Automated_count
1675 encounters_count>=active_care_plans^2-encounters_lifetime_payer_coverage
1676 encounters_count>=minimum(medications_lifetime,active_care_plans^2)
1677
encounters_count>=active_care_plan_length^2/Estimated_Glomerular_Filtration_Rate
1678 encounters_count>=-Pain_severity___0_10_verbal_numeric_rating__Score____Rep
orted+active_conditions+1
1679
encounters_count>=minimum(active_conditions,1/encounters_lifetime_perc_covered)
1680 encounters_count>=log(device_lifetime_length)/log(10)+Respiratory_rate
1681 encounters_count>=10^immunizations_lifetime-Microalbumin_Creatinine_Ratio
1682 encounters_count>=minimum(active_care_plan_length,1/2*medications_lifetime)
1683 encounters_count>=minimum(MCV__Entitic_volume__by_Automated_count,medicatio
ns_lifetime-1)
1684 encounters_count>=active_care_plans*log(medications_lifetime)
1685 encounters_count>=2*DALY*medications_lifetime_perc_covered
1686 encounters_count>=(medications_active-1)*mean_Pain_severity___0_10_verbal_n
umeric_rating__Score____Reported
1687 encounters_count>=medications_active^2/mean_Creatinine
1688 encounters_count>=Microalbumin_Creatinine_Ratio*log(medications_active)
1689
encounters_count>=minimum(Microalbumin_Creatinine_Ratio,e^procedures_lifetime)
1690
encounters_count>=minimum(lifetime_condition_length,1/2*procedures_lifetime)
1691 encounters_count>=minimum(medications_lifetime,1/DALY)
1692 encounters_count>=Urea_Nitrogen^2/Microalbumin_Creatinine_Ratio
1693 encounters_lifetime_total_cost<=encounters_lifetime_base_cost
1694 encounters_lifetime_total_cost>=num_allergies
1695 encounters_lifetime_total_cost>=encounters_lifetime_base_cost
1696 encounters_lifetime_base_cost<=encounters_lifetime_total_cost
1697 encounters_lifetime_base_cost>=num_allergies
1698 encounters_lifetime_base_cost>=encounters_lifetime_total_cost
1699 encounters_lifetime_payer_coverage<=healthcare_coverage
1700 encounters_lifetime_payer_coverage<=encounters_lifetime_total_cost
1701 encounters_lifetime_payer_coverage<=ceil(encounters_lifetime_total_cost)*en
counters_lifetime_perc_covered
1702 encounters_lifetime_payer_coverage<=encounters_lifetime_perc_covered*health
care_expenses
1703 encounters_lifetime_payer_coverage>=num_allergies
1704 encounters_lifetime_payer_coverage>=encounters_lifetime_perc_covered*floor(
encounters_lifetime_total_cost)

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```

1705 encounters_lifetime_payer_coverage>=minimum(Total_Cholesterol,abs(encounter
s_lifetime_total_cost))
1706 encounters_lifetime_payer_coverage>=encounters_lifetime_total_cost*floor(en
counters_lifetime_perc_covered)
1707 encounters_lifetime_perc_covered<=healthcare_coverage
1708 encounters_lifetime_perc_covered<=ceil(encounters_lifetime_payer_coverage)/
encounters_lifetime_total_cost
1709 encounters_lifetime_perc_covered<=encounters_count
1710 encounters_lifetime_perc_covered<=encounters_lifetime_payer_coverage
1711 encounters_lifetime_perc_covered<=(High_Density_Lipoprotein_Cholesterol+1)/
Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
1712 encounters_lifetime_perc_covered<=10^num_allergies
1713 encounters_lifetime_perc_covered<=ceil(encounters_lifetime_total_cost)/medi
cations_lifetime_dispenses
1714 encounters_lifetime_perc_covered>=(encounters_lifetime_payer_coverage-1)/en
counters_lifetime_total_cost
1715 encounters_lifetime_perc_covered>=-healthcare_coverage
1716 encounters_lifetime_perc_covered>=-num_allergies
1717
encounters_lifetime_perc_covered>=(immunizations_lifetime-1)/active_conditions
1718 encounters_lifetime_perc_covered>=(1/Urea_Nitrogen)^mean_Bilirubin_total__M
ass_volume__in_Serum,Plasma
1719 encounters_lifetime_perc_covered>=mean_MCH__Entitic_mass__by_Automated_coun
t/Low_Density_Lipoprotein_Cholesterol
1720 encounters_lifetime_perc_covered>=minimum(Triglycerides,1/encounters_count)
1721 imaging_studies_lifetime<=healthcare_coverage
1722 imaging_studies_lifetime<=active_care_plans
1723 imaging_studies_lifetime<=medications_active
1724 imaging_studies_lifetime<=active_conditions
1725 imaging_studies_lifetime<=encounters_lifetime_payer_coverage
1726 imaging_studies_lifetime<=medications_lifetime
1727 imaging_studies_lifetime<=Pain_severity__0_10_verbal_numeric_rating__Score
____Reported
1728 imaging_studies_lifetime<=floor(Creatinine)
1729 imaging_studies_lifetime<=num_allergies^Platelet_distribution_width__Entiti
c_volume__in_Blood_by_Automated_count
1730 imaging_studies_lifetime<=10^num_allergies
1731 imaging_studies_lifetime<=device_lifetime_length^num_allergies
1732
imaging_studies_lifetime<=-active_care_plan_length+lifetime_care_plan_length
1733 imaging_studies_lifetime<=-medications_active+medications_lifetime
1734
imaging_studies_lifetime<=Respiratory_rate*medications_lifetime_perc_covered
1735 imaging_studies_lifetime<=(Pain_severity__0_10_verbal_numeric_rating__Scor
e____Reported-1)^longitude
1736 imaging_studies_lifetime<=ceil(QOLS)
1737 imaging_studies_lifetime<=floor(2*QOLS)
1738 imaging_studies_lifetime<=num_allergies^Body_temperature

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1739 imaging_studies_lifetime<=num_allergies^Globulin__Mass_volume__in_Serum_by_
calculation
1740
imaging_studies_lifetime<=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
1741 imaging_studies_lifetime<=num_allergies^Prostate_specific_Ag__Mass_volume__
in_Serum,Plasma
1742 imaging_studies_lifetime<=floor(mean_Bilirubin_total__Mass_volume__in_Serum
,Plasma)
1743 imaging_studies_lifetime<=(DALY-1)^healthcare_coverage
1744 imaging_studies_lifetime<=immunizations_lifetime^medications_lifetime_perc_
covered
1745 imaging_studies_lifetime<=floor(DALY)+immunizations_lifetime
1746
imaging_studies_lifetime<=-active_condition_length+lifetime_condition_length
1747 imaging_studies_lifetime>=-device_lifetime_length
1748 imaging_studies_lifetime>=-healthcare_coverage
1749 imaging_studies_lifetime>=-num_allergies
1750 imaging_studies_lifetime>=-active_conditions
1751
imaging_studies_lifetime>=-Body_Weight+High_Density_Lipoprotein_Cholesterol+1
1752 imaging_studies_lifetime>=(-immunizations_lifetime)^Triglycerides
1753 imaging_studies_lifetime>=maximum(Specific_gravity_of_Urine_by_Test_strip,-
Estimated_Glomerular_Filtration_Rate)
1754 immunizations_lifetime<=active_conditions+procedures_lifetime
1755 immunizations_lifetime<=encounters_count
1756 immunizations_lifetime<=immunizations_lifetime_cost
1757 immunizations_lifetime<=10^healthcare_coverage
1758 immunizations_lifetime<=floor(10^encounters_lifetime_perc_covered)
1759 immunizations_lifetime<=(1/imaging_studies_lifetime)
1760 immunizations_lifetime<=ceil(log(latitude)/log(10))
1761
immunizations_lifetime<=1/2*Leukocytes___volume__in_Blood_by_Automated_count
1762 immunizations_lifetime<=10^active_conditions
1763 immunizations_lifetime<=floor(Microalbumin_Creatinine_Ratio)
1764 immunizations_lifetime<=floor(1/medications_lifetime_perc_covered)
1765 immunizations_lifetime<=sqrt(num_allergies-1)
1766 immunizations_lifetime<=(num_allergies-1)^Body_Mass_Index
1767 immunizations_lifetime<=10^QOLS
1768 immunizations_lifetime<=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
1769 immunizations_lifetime<=floor(e^Creatinine)
1770 immunizations_lifetime<=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)
1771 immunizations_lifetime<=active_conditions/num_allergies
1772 immunizations_lifetime<=Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported^Total_score__MMSE_
1773 immunizations_lifetime<=(1/Bilirubin_total__Mass_volume__in_Serum,Plasma)
1774 immunizations_lifetime<=10^device_lifetime_length+Pain_severity___0_10_verb
al_numeric_rating__Score____Reported
1775 immunizations_lifetime<=medications_lifetime/medications_active

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1776 immunizations_lifetime<=maximum(active_care_plans,Creatinine)
1777 immunizations_lifetime<=(1/2*lifetime_conditions)^Creatinine
1778 immunizations_lifetime<=maximum(DALY,10^procedures_lifetime)
1779 immunizations_lifetime<=active_care_plan_length+procedures_lifetime
1780 immunizations_lifetime>=-device_lifetime_length
1781 immunizations_lifetime>=active_care_plans-healthcare_coverage
1782 immunizations_lifetime>=-num_allergies
1783 immunizations_lifetime>=-active_conditions
1784 immunizations_lifetime>=floor(encounters_lifetime_perc_covered)
1785 immunizations_lifetime>=mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported^Lymph_nodes_with_isolated_tumor_cells_____in_Cancer_specimen_by_Light_microscopy
1786 immunizations_lifetime>=ceil(immunizations_lifetime_cost)/Body_Height
1787 immunizations_lifetime>=ceil(immunizations_lifetime_cost)/Total_Cholesterol
1788 immunizations_lifetime>=minimum(immunizations_lifetime_cost,ceil(encounters_lifetime_perc_covered))
1789 immunizations_lifetime>=floor(log(Pain_severity___0_10_verbal_numeric_rating__Score___Reported))
1790 immunizations_lifetime>=1/2*Pain_severity___0_10_verbal_numeric_rating__Score___Reported-1
1791 immunizations_lifetime>=minimum(imaging_studies_lifetime,immunizations_lifetime_cost)
1792 immunizations_lifetime>=minimum(immunizations_lifetime_cost,QOLS)
1793
immunizations_lifetime>=minimum(device_lifetime_length,imaging_studies_lifetime)
1794 immunizations_lifetime>=-DALY+imaging_studies_lifetime
1795 immunizations_lifetime>=imaging_studies_lifetime/Pain_severity___0_10_verbal_numeric_rating__Score___Reported
1796 immunizations_lifetime>=floor(log(Calcium)/log(10))
1797 immunizations_lifetime>=floor(log(Leukocytes___volume__in_Blood_by_Automated_count)/log(10))
1798 immunizations_lifetime>=maximum(Specific_gravity_of_Urine_by_Test_strip,-healthcare_expenses)
1799 immunizations_lifetime>=minimum(Estimated_Glomerular_Filtration_Rate,1/2*num_allergies)
1800 immunizations_lifetime>=-Calcium+1/2*active_conditions
1801 immunizations_lifetime>=-medications_lifetime_cost+1/2*procedures_lifetime
1802 immunizations_lifetime>=-Leukocytes___volume__in_Blood_by_Automated_count+2*device_lifetime_length
1803
immunizations_lifetime>=encounters_count*floor(encounters_lifetime_perc_covered)
1804 immunizations_lifetime_cost<=healthcare_expenses*immunizations_lifetime
1805 immunizations_lifetime_cost<=(Body_Height-1)^immunizations_lifetime
1806 immunizations_lifetime_cost<=Globulin__Mass_volume__in_Serum_by_calculation+Sodium+1
1807 immunizations_lifetime_cost<=(QALY-1)^2
1808 immunizations_lifetime_cost<=encounters_lifetime_total_cost^2
1809 immunizations_lifetime_cost<=Low_Density_Lipoprotein_Cholesterol^2/device_l

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lifetime_length
1810 immunizations_lifetime_cost<=Body_Mass_Index*sqrt(Triglycerides)
1811
immunizations_lifetime_cost<=2*Diastolic_Blood_Pressure/imaging_studies_lifetime
1812
immunizations_lifetime_cost<=(Triglycerides-1)/medications_lifetime_perc_covered
1813 immunizations_lifetime_cost<=Sodium+healthcare_coverage
1814 immunizations_lifetime_cost<=Sodium+e^Microalbumin_Creatinine_Ratio
1815 immunizations_lifetime_cost<=2*Body_Height-
MCH__Entitic_mass__by_Automated_count
1816 immunizations_lifetime_cost<=maximum(encounters_lifetime_total_cost,2*Trigl
lycerides)
1817 immunizations_lifetime_cost<=2*Sodium+active_conditions
1818 immunizations_lifetime_cost<=2*Glucose+High_Density_Lipoprotein_Cholesterol
1819 immunizations_lifetime_cost<=maximum(mean_Sodium,Glomerular_filtration_rate
_1_73_sq_M_predicted^2)
1820 immunizations_lifetime_cost<=Platelet_mean_volume__Entitic_volume__in_Blood
_by_Automated_count+floor(encounters_lifetime_total_cost)
1821 immunizations_lifetime_cost<=Heart_rate*Potassium
1822 immunizations_lifetime_cost<=-Hemoglobin__Mass_volume__in_Blood+Platelets__
__volume__in_Blood_by_Automated_count-1
1823 immunizations_lifetime_cost<=2*Microalbumin_Creatinine_Ratio/device_lifetim
e_length
1824 immunizations_lifetime_cost<=Estimated_Glomerular_Filtration_Rate*active_co
nditions
1825 immunizations_lifetime_cost<=sqrt(Diastolic_Blood_Pressure)*Estimated_Glome
rular_Filtration_Rate
1826
immunizations_lifetime_cost<=2*Creatinine*Low_Density_Lipoprotein_Cholesterol
1827 immunizations_lifetime_cost<=log(Alanine_aminotransferase__Enzymatic_activi
ty_volume__in_Serum,Plasma)^Potassium
1828 immunizations_lifetime_cost<=2*Diastolic_Blood_Pressure+Sodium
1829 immunizations_lifetime_cost<=Alanine_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma*log(medications_lifetime_cost)/log(10)
1830 immunizations_lifetime_cost<=age*log(Platelets____volume__in_Blood_by_Autom
ated_count)
1831 immunizations_lifetime_cost<=2*Protein__Mass_volume__in_Serum,Plasma/medica
tions_lifetime_perc_covered
1832 immunizations_lifetime_cost<=age^2/Erythrocytes____volume__in_Blood_by_Auto
mated_count
1833 immunizations_lifetime_cost<=Glucose*e^active_care_plans
1834 immunizations_lifetime_cost<=active_care_plan_length^2+Estimated_Glomerular
_Filtration_Rate
1835 immunizations_lifetime_cost<=Body_Mass_Index^2/num_allergies
1836 immunizations_lifetime_cost<=1/medications_lifetime_perc_covered+medication
s_lifetime_dispenses
1837 immunizations_lifetime_cost<=encounters_lifetime_total_cost^2/medications_l
ifetime_length

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1838 immunizations_lifetime_cost<=Carbon_Dioxide^2/num_allergies
1839 immunizations_lifetime_cost<=10^Pain_severity___0_10_verbal_numeric_rating_
_Score___Reported+Sodium
1840 immunizations_lifetime_cost<=10^Pain_severity___0_10_verbal_numeric_rating_
_Score___Reported*mean_Sodium
1841 immunizations_lifetime_cost<=10^Pain_severity___0_10_verbal_numeric_rating_
_Score___Reported*Sodium
1842 immunizations_lifetime_cost<=1/2*medications_lifetime_dispenses/medications
_lifetime_perc_covered
1843 immunizations_lifetime_cost<=Diastolic_Blood_Pressure*floor(Hemoglobin_A1c_
Hemoglobin_total_in_Blood)
1844 immunizations_lifetime_cost<=10^Pain_severity___0_10_verbal_numeric_rating_
_Score___Reported+mean_Sodium
1845 immunizations_lifetime_cost<=(Respiratory_rate^2)^immunizations_lifetime
1846 immunizations_lifetime_cost<=2*Systolic_Blood_Pressure+age
1847 immunizations_lifetime_cost<=log(Glomerular_filtration_rate_1_73_sq_M_predi
cted)+mean_Sodium
1848
immunizations_lifetime_cost<=Calcium^2+Protein__Mass_volume__in_Serum,Plasma
1849 immunizations_lifetime_cost<=active_care_plan_length*log(Alanine_aminotrans
ferase__Enzymatic_activity_volume__in_Serum,Plasma)
1850 immunizations_lifetime_cost<=(log(Hemoglobin__Mass_volume__in_Blood)/log(10
))^latitude
1851 immunizations_lifetime_cost>=immunizations_lifetime
1852 immunizations_lifetime_cost>=(Heart_rate+1)*immunizations_lifetime
1853 immunizations_lifetime_cost>=(Chloride+1)*immunizations_lifetime
1854 immunizations_lifetime_cost>=floor(Sodium)-healthcare_coverage
1855 immunizations_lifetime_cost>=(Glucose+1)*immunizations_lifetime
1856 immunizations_lifetime_cost>=(Systolic_Blood_Pressure+1)*imaging_studies_li
fetime
1857
immunizations_lifetime_cost>=(Diastolic_Blood_Pressure+1)*immunizations_lifetime
1858 immunizations_lifetime_cost>=Systolic_Blood_Pressure+log(num_allergies)
1859 immunizations_lifetime_cost>=(Body_Weight+1)*immunizations_lifetime
1860 immunizations_lifetime_cost>=imaging_studies_lifetime*mean_Sodium
1861 immunizations_lifetime_cost>=(Alkaline_phosphatase__Enzymatic_activity_volu
me__in_Serum,Plasma+1)*immunizations_lifetime
1862 immunizations_lifetime_cost>=1/2*Platelets___volume__in_Blood_by_Automated
_count*QOLS
1863 immunizations_lifetime_cost>=age*immunizations_lifetime^2
1864 immunizations_lifetime_cost>=(Hematocrit__Volume_Fraction__of_Blood_by_Auto
mated_count+1)*num_allergies
1865 immunizations_lifetime_cost>=e^Erythrocytes___volume__in_Blood_by_Automate
d_count-medications_lifetime_dispenses
1866 immunizations_lifetime_cost>=Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported*ceil(MCHC__Mass_volume__by_Automated_count)
1867 immunizations_lifetime_cost>=Microalbumin_Creatinine_Ratio-
mean_Low_Density_Lipoprotein_Cholesterol+1

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1868 immunizations_lifetime_cost>=immunizations_lifetime*mean_Chloride
1869 immunizations_lifetime_cost>=1/2*Total_Cholesterol*immunizations_lifetime
1870 immunizations_lifetime_cost>=2*immunizations_lifetime*latitude
1871 immunizations_lifetime_cost>=log(num_allergies)*mean_Microalbumin_Creatinin
e_Ratio
1872 immunizations_lifetime_cost>=2*Respiratory_rate*num_allergies
1873 immunizations_lifetime_cost>=(device_lifetime_length-1)*Glomerular_filtrati
on_rate_1_73_sq_M_predicted
1874 immunizations_lifetime_cost>=MCV__Entitic_volume__by_Automated_count*floor(
device_lifetime_length)
1875 immunizations_lifetime_cost>=device_lifetime_length^2-medications_lifetime_
length
1876 immunizations_lifetime_cost>=-MCV__Entitic_volume__by_Automated_count+2*enc
ounters_count
1877 immunizations_lifetime_cost>=encounters_lifetime_total_cost*floor(encounter
s_lifetime_perc_covered)
1878 immunizations_lifetime_cost>=Glucose*log(Pain_severity__0_10_verbal_numeri
c_rating__Score___Reported)
1879 immunizations_lifetime_cost>=sqrt(immunizations_lifetime)^Respiratory_rate
1880 immunizations_lifetime_cost>=Platelets___volume__in_Blood_by_Automated_cou
nt*log(immunizations_lifetime)
1881 immunizations_lifetime_cost>=2*DALY*immunizations_lifetime
1882 immunizations_lifetime_cost>=immunizations_lifetime*sqrt(medications_lifeti
me_length)
1883 immunizations_lifetime_cost>=Triglycerides*floor(QOLS)
1884
immunizations_lifetime_cost>=Low_Density_Lipoprotein_Cholesterol*floor(QOLS)
1885 immunizations_lifetime_cost>=log(Pain_severity__0_10_verbal_numeric_rating
__Score___Reported)*mean_Glucose
1886 immunizations_lifetime_cost>=floor(Sodium)-medications_lifetime_cost
1887 immunizations_lifetime_cost>=(Sodium-1)*imaging_studies_lifetime
1888 immunizations_lifetime_cost>=-Platelet_distribution_width__Entitic_volume__
in_Blood_by_Automated_count+2*Total_Cholesterol
1889 immunizations_lifetime_cost>=e^Erythrocytes___volume__in_Blood_by_Automate
d_count-medications_lifetime_cost
1890 medications_lifetime<=healthcare_coverage
1891 medications_lifetime<=encounters_lifetime_total_cost
1892 medications_lifetime<=medications_lifetime_cost
1893 medications_lifetime<=medications_lifetime_dispenses
1894 medications_lifetime<=-Low_Density_Lipoprotein_Cholesterol+Platelet_distrib
ution_width__Entitic_volume__in_Blood_by_Automated_count+1
1895 medications_lifetime<=minimum(Platelet_distribution_width__Entitic_volume__
in_Blood_by_Automated_count,10^active_care_plans)
1896 medications_lifetime<=1/2*encounters_count^2
1897 medications_lifetime<=(log(QALY)/log(10))^mean_QALY
1898
medications_lifetime<=2*encounters_lifetime_total_cost/active_care_plan_length
1899 medications_lifetime<=log(latitude)^mean_Leukocytes___volume__in_Blood_by_

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Automated_count

1900 medications_lifetime<=DALY^2+Protein_Mass_volume__in_Serum,Plasma

1901 medications_lifetime<=age^2/procedures_lifetime

1902 medications_lifetime<=floor(encounters_lifetime_payer_coverage)/Potassium

1903 medications_lifetime<=(healthcare_expenses-1)/encounters_count

1904 medications_lifetime<=e^active_conditions/Bilirubin_total__Mass_volume__in_Serum,Plasma

1905 medications_lifetime<=(e^Calcium)^Creatinine

1906 medications_lifetime<=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*active_care_plans

1907 medications_lifetime<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+e^active_conditions

1908 medications_lifetime<=1/2*healthcare_coverage/Hematocrit__Volume_Fraction__of_Blood_by_Automated_count

1909 medications_lifetime<=e^Microalbumin_Creatinine_Ratio-longitude

1910 medications_lifetime<=Creatinine^2*lifetime_condition_length

1911 medications_lifetime<=2*10^lifetime_care_plans

1912 medications_lifetime<=(log(Protein_Mass_volume__in_Serum,Plasma)/log(10))^mean_Urea_Nitrogen

1913 medications_lifetime<=10^DALY*encounters_count

1914 medications_lifetime<=lifetime_care_plan_length^2/device_lifetime_length

1915 medications_lifetime<=2*MCH__Entitic_mass__by_Automated_count+procedures_lifetime_cost

1916 medications_lifetime<=lifetime_care_plan_length^2/Potassium

1917 medications_lifetime<=active_care_plans+encounters_lifetime_payer_coverage

1918 medications_lifetime<=e^sqrt(encounters_count)

1919 medications_lifetime<=maximum(active_conditions,10^active_care_plan_length)

1920 medications_lifetime<=(medications_lifetime_length-1)/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma

1921 medications_lifetime<=sqrt(Body_Mass_Index)^Potassium

1922 medications_lifetime<=(log(latitude)/log(10))^encounters_count

1923

medications_lifetime<=maximum(lifetime_condition_length,10^lifetime_care_plans)

1924 medications_lifetime<=10^Creatinine+Body_Height

1925 medications_lifetime<=2*MCV__Entitic_volume__by_Automated_count/device_lifetime_length

1926

medications_lifetime<=1/2*encounters_lifetime_payer_coverage/mean_Creatinine

1927 medications_lifetime<=e^active_conditions-longitude

1928 medications_lifetime<=Body_Weight+ceil(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)

1929 medications_lifetime<=10^DALY+Heart_rate

1930 medications_lifetime<=10^lifetime_care_plans+immunizations_lifetime_cost

1931 medications_lifetime<=1/num_allergies+mean_Erythrocytes___volume__in_Blood_by_Automated_count

1932 medications_lifetime<=ceil(MCH__Entitic_mass__by_Automated_count)+immunizations_lifetime_cost

1933 medications_lifetime<=minimum(healthcare_expenses,log(Polyp_size_greatest_d

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imension_by_CAP_cancer_protocols))
1934
medications_lifetime<=10^lifetime_care_plans/medications_lifetime_perc_covered
1935 medications_lifetime<=ceil(active_care_plan_length)^Sodium
1936 medications_lifetime<=10^active_conditions+lifetime_care_plans
1937 medications_lifetime<=10^lifetime_care_plans+Respiratory_rate
1938 medications_lifetime<=e^encounters_count/Sodium
1939 medications_lifetime<=10^lifetime_care_plans+mean_Calcium
1940 medications_lifetime<=floor(active_care_plan_length)^Sodium
1941 medications_lifetime<=active_care_plan_length^2-Carbon_Dioxide
1942 medications_lifetime<=Microalbumin_Creatinine_Ratio*e^Hemoglobin_A1c_Hemogl
obin_total_in_Blood
1943 medications_lifetime<=10^immunizations_lifetime_cost+Chloride
1944 medications_lifetime<=10^active_conditions/lifetime_conditions
1945 medications_lifetime<=encounters_count^2/Leukocytes___volume__in_Blood_by_
Automated_count
1946 medications_lifetime<=encounters_count*e^DALY
1947 medications_lifetime<=Systolic_Blood_Pressure+e^DALY
1948 medications_lifetime<=(medications_lifetime_dispenses+1)^Glucose__Mass_volu
me__in_Urine_by_Test_strip
1949 medications_lifetime<=(device_lifetime_length-1)^medications_lifetime_cost
1950 medications_lifetime<=e^encounters_count/Platelet_mean_volume__Entitic_volu
me__in_Blood_by_Automated_count
1951 medications_lifetime<=sqrt(Alanine_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma)+procedures_lifetime_cost
1952 medications_lifetime<=encounters_count^2/num_allergies
1953 medications_lifetime<=encounters_count^2/lifetime_care_plans
1954 medications_lifetime<=10^Pain_severity___0_10_verbal_numeric_rating__Score_
___Reported*Glucose
1955 medications_lifetime<=(log(encounters_count)/log(10))^Alanine_aminotransfer
ase__Enzymatic_activity_volume__in_Serum,Plasma
1956 medications_lifetime<=(procedures_lifetime_cost-1)^Creatinine
1957
medications_lifetime<=ceil(medications_lifetime_cost)/lifetime_condition_length
1958 medications_lifetime<=encounters_count*log(encounters_lifetime_total_cost)/
log(10)
1959 medications_lifetime>=imaging_studies_lifetime
1960 medications_lifetime>=encounters_count+1/2*longitude
1961 medications_lifetime>=medications_active
1962 medications_lifetime>=sqrt(encounters_lifetime_payer_coverage)-latitude
1963 medications_lifetime>=num_allergies^2-lifetime_care_plan_length
1964 medications_lifetime>=(Respiratory_rate+1)*imaging_studies_lifetime
1965 medications_lifetime>=(Chloride+1)/Microalbumin_Creatinine_Ratio
1966 medications_lifetime>=2*imaging_studies_lifetime
1967 medications_lifetime>=-Urea_Nitrogen+encounters_count+1
1968 medications_lifetime>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma+1
1969 medications_lifetime>=DALY+1/2*Microalbumin_Creatinine_Ratio
1970 medications_lifetime>=1/2*immunizations_lifetime_cost-

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mean_Estimated_Glomerular_Filtration_Rate
1971 medications_lifetime>=mean_Microalbumin_Creatinine_Ratio*num_allergies^2
1972
medications_lifetime>=Hemoglobin__Mass_volume__in_Blood*device_lifetime_length
1973 medications_lifetime>=encounters_count-mean_Calcium-1
1974 medications_lifetime>=minimum(Heart_rate,2*device_lifetime_length)
1975 medications_lifetime>=minimum(medications_lifetime_cost,QOLS)
1976 medications_lifetime>=10^QOLS*medications_lifetime_perc_covered
1977 medications_lifetime>=minimum(num_allergies,active_care_plans)
1978 medications_lifetime>=DALY*sqrt(medications_lifetime_perc_covered)
1979 medications_lifetime>=minimum(immunizations_lifetime,medications_lifetime_d
ispenses)
1980 medications_lifetime>=-QALY+procedures_lifetime-1
1981
medications_lifetime>=floor(log(Glomerular_filtration_rate_1_73_sq_M_predicted))
1982 medications_lifetime>=ceil(MCH__Entitic_mass__by_Automated_count)-immunizat
ions_lifetime_cost
1983 medications_lifetime>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted-
immunizations_lifetime_cost
1984 medications_lifetime>=sqrt(Platelets___volume__in_Blood_by_Automated_count
)-Hemoglobin__Mass_volume__in_Blood
1985 medications_lifetime>=Body_Mass_Index*medications_lifetime_perc_covered^2
1986 medications_lifetime>=2*device_lifetime_length/DALY
1987 medications_lifetime>=-Body_Height+Systolic_Blood_Pressure+1
1988 medications_lifetime>=ceil(Carbon_Dioxide)*imaging_studies_lifetime
1989 medications_lifetime>=-Sodium+2*encounters_count
1990
medications_lifetime>=medications_active^2*medications_lifetime_perc_covered
1991 medications_lifetime>=Alkaline_phosphatase__Enzymatic_activity_volume__in_S
erum,Plasma*device_lifetime_length^2
1992 medications_lifetime>=encounters_count*medications_lifetime_perc_covered^2
1993
medications_lifetime>=-Protein__Mass_volume__in_Serum,Plasma+2*encounters_count
1994 medications_lifetime>=floor(sqrt(Estimated_Glomerular_Filtration_Rate))
1995 medications_lifetime>=minimum(mean_Microalbumin_Creatinine_Ratio,lifetime_c
are_plan_length+1)
1996 medications_lifetime>=Estimated_Glomerular_Filtration_Rate*log(Pain_severit
y___0_10_verbal_numeric_rating__Score___Reported)
1997
medications_lifetime>=-MCHC__Mass_volume__by_Automated_count+encounters_count-1
1998 medications_lifetime>=2*encounters_count-mean_Sodium
1999 medications_lifetime>=(Bilirubin_total__Mass_volume__in_Serum,Plasma^2)^Ure
a_Nitrogen
2000 medications_lifetime>=sqrt(encounters_lifetime_total_cost)-Heart_rate
2001 medications_lifetime>=sqrt(encounters_lifetime_total_cost)-mean_Alanine_ami
notransferase__Enzymatic_activity_volume__in_Serum,Plasma
2002 medications_lifetime>=Alkaline_phosphatase__Enzymatic_activity_volume__in_S
erum,Plasma*medications_lifetime_perc_covered^2

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2003
 $\text{medications_lifetime} \geq \text{active_care_plans} * \text{ceil}(\text{medications_lifetime_perc_covered})$

2004 $\text{medications_lifetime} \geq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}^2 - \text{procedures_lifetime_cost}$

2005 $\text{medications_lifetime} \geq \text{floor}(\text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma}) - \text{lifetime_care_plan_length}$

2006 $\text{medications_lifetime_cost} \leq \text{healthcare_coverage}^2$

2007 $\text{medications_lifetime_cost} \leq \text{encounters_count}^{\text{healthcare_expenses}}$

2008 $\text{medications_lifetime_cost} \leq (\text{encounters_lifetime_total_cost} - 1) * \text{medications_lifetime_dispenses}$

2009 $\text{medications_lifetime_cost} \leq \text{sqrt}(\text{medications_lifetime_length})^{\text{latitude}}$

2010 $\text{medications_lifetime_cost} \leq (\text{active_condition_length} - 1)^{\text{Potassium}}$

2011 $\text{medications_lifetime_cost} \leq (\text{Systolic_Blood_Pressure} - 1) * \text{medications_lifetime_length}$

2012 $\text{medications_lifetime_cost} \leq (\text{immunizations_lifetime_cost} - 1)^{\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood}}$

2013 $\text{medications_lifetime_cost} \leq (\text{Chloride} - 1) * \text{medications_lifetime_length}$

2014 $\text{medications_lifetime_cost} \leq (\text{Low_Density_Lipoprotein_Cholesterol} - 1) * \text{medications_lifetime_length}$

2015
 $\text{medications_lifetime_cost} \leq \text{encounters_lifetime_total_cost}^2 / \text{procedures_lifetime}$

2016 $\text{medications_lifetime_cost} \leq (\text{Glucose} - 1) * \text{medications_lifetime_length}$

2017 $\text{medications_lifetime_cost} \leq 10^{\text{medications_lifetime} * \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}}$

2018 $\text{medications_lifetime_cost} \leq (\text{Chloride} - 1) * \text{healthcare_coverage}$

2019 $\text{medications_lifetime_cost} \leq \text{Low_Density_Lipoprotein_Cholesterol}^2 * \text{lifetime_condition_length}$

2020 $\text{medications_lifetime_cost} \leq 10^{\text{encounters_count} - \text{Sodium}}$

2021 $\text{medications_lifetime_cost} \leq (2 * \text{active_care_plans})^{\text{Hemoglobin_Mass_volume_in_Blood}}$

2022 $\text{medications_lifetime_cost} \leq (\log(\text{procedures_lifetime_cost}) / \log(10))^{\text{Glomerular_filtration_rate_1_73_sq_M_predicted}}$

2023 $\text{medications_lifetime_cost} \leq \text{Chloride} * e^{\text{Calcium}}$

2024 $\text{medications_lifetime_cost} \leq \text{sqrt}(\text{Total_Cholesterol})^{\text{medications_lifetime_dispenses}}$

2025 $\text{medications_lifetime_cost} \leq (\text{Hematocrit_Volume_Fraction_of_Blood_by_Automated_count} - 1)^{\text{encounters_count}}$

2026 $\text{medications_lifetime_cost} \leq \text{lifetime_care_plan_length}^{\text{Potassium}}$

2027 $\text{medications_lifetime_cost} \leq \text{active_care_plan_length}^{\text{Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count}}$

2028 $\text{medications_lifetime_cost} \leq \text{MCV_Entitic_volume_by_Automated_count}^2 * \text{age}$

2029 $\text{medications_lifetime_cost} \leq e^{\text{Calcium} * \text{lifetime_care_plan_length}}$

2030 $\text{medications_lifetime_cost} \leq (\text{Estimated_Glomerular_Filtration_Rate} + 1) * \text{healthcare_coverage}$

2031 $\text{medications_lifetime_cost} \leq \log(\text{Total_Cholesterol})^{\text{Urea_Nitrogen}}$

2032 $\text{medications_lifetime_cost} \leq \text{Body_Height} * \text{Body_Weight}^2$

2033 $\text{medications_lifetime_cost} \leq 2 * \text{healthcare_expenses} / \text{encounters_lifetime_perc_covered}$

2034 $\text{medications_lifetime_cost} \leq \text{latitude}^2 * \text{medications_lifetime_dispenses}$
 2035 $\text{medications_lifetime_cost} \leq \text{healthcare_expenses} * \text{medications_lifetime}$
 2036 $\text{medications_lifetime_cost} \leq (\text{medications_active} + 1) * \text{healthcare_expenses}$
 2037 $\text{medications_lifetime_cost} \leq \text{age}^4$
 2038 $\text{medications_lifetime_cost} \leq 2 * \text{encounters_lifetime_total_cost}^2$
 2039 $\text{medications_lifetime_cost} \leq \text{encounters_lifetime_total_cost}^2 / \text{Pain_severity_}_0_10_verbal_numeric_rating_Score_Reported$
 2040 $\text{medications_lifetime_cost} \leq \text{Systolic_Blood_Pressure}^2 * \text{age}$
 2041 $\text{medications_lifetime_cost} \leq 10^{\text{Potassium} * \text{mean_Systolic_Blood_Pressure}}$
 2042 $\text{medications_lifetime_cost} \leq e^{\text{Hemoglobin_Mass_volume_in_Blood} / \text{mean_Pain_severity_}_0_10_verbal_numeric_rating_Score_Reported}$
 2043 $\text{medications_lifetime_cost} \leq (\text{Leukocytes_volume_in_Blood_by_Automated_count}^2)^{\text{Erythrocytes_volume_in_Blood_by_Automated_count}}$
 2044 $\text{medications_lifetime_cost} \leq 2 * \text{Systolic_Blood_Pressure} * \text{healthcare_coverage}$
 2045 $\text{medications_lifetime_cost} \leq \text{healthcare_expenses}^2 / \text{procedures_lifetime_cost}$
 2046 $\text{medications_lifetime_cost} \leq 2 * \text{healthcare_expenses} / \text{imaging_studies_lifetime}$
 2047 $\text{medications_lifetime_cost} \leq 10^{\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma} / \text{healthcare_coverage}}$
 2048 $\text{medications_lifetime_cost} \leq \text{Bilirubin_total_Mass_volume_in_Serum,Plasma} * \text{encounters_lifetime_payer_coverage}^2$
 2049 $\text{medications_lifetime_cost} \leq \text{Total_Cholesterol} * \text{age}^2$
 2050 $\text{medications_lifetime_cost} \leq \text{healthcare_coverage}^2 / \text{Low_Density_Lipoprotein_Cholesterol}$
 2051 $\text{medications_lifetime_cost} \leq \text{Protein_Mass_volume_in_Serum,Plasma}^2 * \text{lifetime_care_plan_length}$
 2052 $\text{medications_lifetime_cost} \leq (\log(\text{active_care_plan_length}) / \log(10))^{\text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}}$
 2053 $\text{medications_lifetime_cost} \leq (\text{Hemoglobin_Mass_volume_in_Blood}^2)^{\text{medications_lifetime}}$
 2054 $\text{medications_lifetime_cost} \leq \text{maximum}(\text{healthcare_expenses}, \text{medications_lifetime_dispenses}^2)$
 2055 $\text{medications_lifetime_cost} \leq e^{\text{encounters_count} / \text{imaging_studies_lifetime}}$
 2056 $\text{medications_lifetime_cost} \leq 10^{\text{Erythrocytes_volume_in_Blood_by_Automated_count} * \text{Respiratory_rate}}$
 2057 $\text{medications_lifetime_cost} \leq \log(\text{lifetime_care_plan_length})^{\text{Body_Mass_Index}}$
 2058 $\text{medications_lifetime_cost} \leq 10^{\text{lifetime_condition_length} / \text{active_conditions}}$
 2059 $\text{medications_lifetime_cost} \leq (\log(\text{lifetime_condition_length}) / \log(10))^{\text{Carbon_Dioxide}}$
 2060 $\text{medications_lifetime_cost} \leq 10^{\text{medications_lifetime} / \text{medications_lifetime_perc_covered}}$
 2061 $\text{medications_lifetime_cost} \leq \text{Triglycerides} * e^{\text{encounters_count}}$
 2062 $\text{medications_lifetime_cost} \leq \text{encounters_lifetime_total_cost}^2 / \text{device_lifetime_length}$
 2063 $\text{medications_lifetime_cost} \leq 2 * \text{Body_Height} * \text{encounters_lifetime_total_cost}$
 2064 $\text{medications_lifetime_cost} \leq (10^{\text{medications_lifetime}})^{\text{Polyp_size_greatest_dimension_by_CAP_cancer_protocols}}$
 2065 $\text{medications_lifetime_cost} \leq \text{maximum}(\text{healthcare_coverage}, e^{\text{medications_lifetime_length}})$

2066
 $\text{medications_lifetime_cost} \leq 1/2 * \text{Total_Cholesterol} * \text{medications_lifetime_length}$
 2067 $\text{medications_lifetime_cost} \leq \text{maximum}(\text{healthcare_coverage}, \text{medications_lifetime_length}^2)$
 2068 $\text{medications_lifetime_cost} \leq 10^{\text{medications_active}} * \text{healthcare_expenses}$
 2069 $\text{medications_lifetime_cost} \leq \text{Chloride}^2 * \text{mean_Glucose}$
 2070 $\text{medications_lifetime_cost} \leq \text{Carbon_Dioxide}^2 * \text{medications_lifetime_dispenses}$
 2071
 $\text{medications_lifetime_cost} \leq e^{\text{Calcium}} * \text{mean_Low_Density_Lipoprotein_Cholesterol}$
 2072 $\text{medications_lifetime_cost} \geq \text{num_allergies}$
 2073 $\text{medications_lifetime_cost} \geq \text{sqrt}(\text{Diastolic_Blood_Pressure}) * \text{medications_lifetime_length}$
 2074 $\text{medications_lifetime_cost} \geq (\text{device_lifetime_length} + 1) * \text{medications_lifetime_length}$
 2075 $\text{medications_lifetime_cost} \geq (\text{active_condition_length} + 1) * \text{medications_lifetime_length}$
 2076 $\text{medications_lifetime_cost} \geq \text{ceil}(\text{medications_lifetime_length}) * \text{medications_lifetime_dispenses}$
 2077 $\text{medications_lifetime_cost} \geq (\text{encounters_lifetime_payer_coverage} + 1) * \text{medications_active}$
 2078 $\text{medications_lifetime_cost} \geq \text{Microalbumin_Creatinine_Ratio}^2 * \text{Urea_Nitrogen}$
 2079 $\text{medications_lifetime_cost} \geq (2 * \text{Albumin_Mass_volume_in_Serum,Plasma})^{\text{mean_Potassium}}$
 2080 $\text{medications_lifetime_cost} \geq \text{Erythrocytes_volume_in_Blood_by_Automated_count}^2 * \text{medications_lifetime_length}$
 2081 $\text{medications_lifetime_cost} \geq \text{Calcium}^2 * \text{medications_lifetime_dispenses}$
 2082 $\text{medications_lifetime_cost} \geq (\text{medications_lifetime_dispenses} + 1) * \text{mean_Microalbumin_Creatinine_Ratio}$
 2083 $\text{medications_lifetime_cost} \geq e^{\text{Bilirubin_total_Mass_volume_in_Serum,Plasma}} * \text{healthcare_coverage}$
 2084 $\text{medications_lifetime_cost} \geq 1/2 * \text{Glomerular_filtration_rate_1_73_sq_M_predicted} * \text{medications_lifetime_length}$
 2085 $\text{medications_lifetime_cost} \geq \text{medications_lifetime_dispenses}^2 / \text{QALY}$
 2086 $\text{medications_lifetime_cost} \geq \text{MCH_Entitic_mass_by_Automated_count}^2 * \text{lifetime_care_plan_length}$
 2087
 $\text{medications_lifetime_cost} \geq \text{ceil}(\text{active_care_plan_length}) * \text{medications_lifetime_length}$
 2088 $\text{medications_lifetime_cost} \geq \text{active_care_plan_length}^2 * \text{medications_active}$
 2089 $\text{medications_lifetime_cost} \geq \text{sqrt}(\text{Body_Weight}) * \text{medications_lifetime_length}$
 2090
 $\text{medications_lifetime_cost} \geq (\text{active_conditions} + 1) * \text{medications_lifetime_dispenses}$
 2091 $\text{medications_lifetime_cost} \geq \text{medications_lifetime_dispenses}^2 / \text{Body_Mass_Index}$
 2092 $\text{medications_lifetime_cost} \geq \text{healthcare_coverage} * \text{sqrt}(\text{medications_lifetime_perc_covered})$
 2093 $\text{medications_lifetime_cost} \geq \text{medications_lifetime_dispenses}^2 / \text{Carbon_Dioxide}$
 2094 $\text{medications_lifetime_cost} \geq (\log(\text{High_Density_Lipoprotein_Cholesterol}) / \log(10))^{\text{mean_Urea_Nitrogen}}$
 2095
 $\text{medications_lifetime_cost} \geq \text{lifetime_care_plans}^2 * \text{medications_lifetime_dispenses}$

2096 medications_lifetime_cost>=(procedures_lifetime_cost+1)*medications_lifetime_perc_covered
 2097 medications_lifetime_cost>=Microalbumin_Creatinine_Ratio^2+procedures_lifetime_cost
 2098 medications_lifetime_cost>=(Estimated_Glomerular_Filtration_Rate+1)*Total_Cholesterol
 2099 medications_lifetime_cost>=1/2*Estimated_Glomerular_Filtration_Rate*medications_lifetime_length
 2100 medications_lifetime_cost>=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)^Albumin__Mass_volume__in_Serum,Plasma
 2101 medications_lifetime_cost>=(log(Microalbumin_Creatinine_Ratio)/log(10))^Respiratory_rate
 2102 medications_lifetime_cost>=healthcare_expenses*log(Bilirubin_total__Mass_volume__in_Serum,Plasma)
 2103 medications_lifetime_cost>=2*Body_Height*medications_active
 2104 medications_lifetime_cost>=1/2*Protein__Mass_volume__in_Serum,Plasma*encounters_lifetime_payer_coverage
 2105 medications_lifetime_cost>=2*encounters_count*medications_lifetime
 2106 medications_lifetime_cost>=sqrt(device_lifetime_length)*healthcare_coverage
 2107 medications_lifetime_cost>=2*latitude*medications_active
 2108 medications_lifetime_cost>=1/2*mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count*medications_lifetime_length
 2109 medications_lifetime_cost>=medications_lifetime_length*num_allergies^2
 2110 medications_lifetime_cost>=(2*num_allergies)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2111 medications_lifetime_cost>=Erythrocytes___volume__in_Blood_by_Automated_count*lifetime_care_plan_length^2
 2112
 medications_lifetime_cost>=10^medications_active*Microalbumin_Creatinine_Ratio
 2113 medications_lifetime_cost>=10^lifetime_care_plans/Estimated_Glomerular_Filtration_Rate
 2114 medications_lifetime_cost>=Estimated_Glomerular_Filtration_Rate*active_care_plan_length^2
 2115 medications_lifetime_cost>=lifetime_condition_length^2*medications_lifetime_perc_covered
 2116 medications_lifetime_cost>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported^2*medications_lifetime_length
 2117 medications_lifetime_cost>=immunizations_lifetime_cost^2*num_allergies
 2118 medications_lifetime_cost>=Body_Height^2*imaging_studies_lifetime
 2119
 medications_lifetime_cost>=Total_Cholesterol^2*medications_lifetime_perc_covered
 2120 medications_lifetime_cost>=sqrt(medications_lifetime)*medications_lifetime_length
 2121 medications_lifetime_cost>=medications_lifetime_length^2/mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 2122 medications_lifetime_cost>=Urea_Nitrogen^2*mean_Low_Density_Lipoprotein_Cholesterol
 2123 medications_lifetime_cost>=encounters_lifetime_payer_coverage*medications_a

ctive²
 2124 medications_lifetime_cost>=sqrt(medications_active)^{FEV1_FVC}
 2125 medications_lifetime_cost>=healthcare_coverage*log(medications_active)
 2126 medications_lifetime_cost>=sqrt(Low_Density_Lipoprotein_Cholesterol)*medications_lifetime_length
 2127 medications_lifetime_cost>=sqrt(Microalbumin_Creatinine_Ratio)*encounters_lifetime_total_cost
 2128 medications_lifetime_cost>=MCV__Entitic_volume__by_Automated_count²*active_care_plans
 2129 medications_lifetime_perc_covered<=healthcare_coverage
 2130 medications_lifetime_perc_covered<=active_care_plans
 2131 medications_lifetime_perc_covered<=encounters_lifetime_perc_covered*log(High_Density_Lipoprotein_Cholesterol)/log(10)
 2132 medications_lifetime_perc_covered<=active_conditions
 2133 medications_lifetime_perc_covered<=encounters_lifetime_payer_coverage
 2134 medications_lifetime_perc_covered<=medications_lifetime
 2135 medications_lifetime_perc_covered<=sqrt(Creatinine)*mean_Creatinine
 2136 medications_lifetime_perc_covered<=sqrt(encounters_lifetime_perc_covered)+immunizations_lifetime
 2137
 medications_lifetime_perc_covered<=(1/immunizations_lifetime)^{active_care_plans}
 2138 medications_lifetime_perc_covered<=active_care_plan_length²/medications_lifetime_dispenses
 2139 medications_lifetime_perc_covered<=-medications_active+medications_lifetime
 2140 medications_lifetime_perc_covered<=floor(active_care_plan_length)
 2141 medications_lifetime_perc_covered<=floor(active_condition_length)/Protein__Mass_volume__in_Serum,Plasma
 2142
 medications_lifetime_perc_covered<=(lifetime_conditions+1)/mean_Urea_Nitrogen
 2143 medications_lifetime_perc_covered<=log(2*mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)/log(10)
 2144 medications_lifetime_perc_covered<=Pain_severity__0_10_verbal_numeric_rating__Score___Reported+1/2*procedures_lifetime
 2145 medications_lifetime_perc_covered<=DALY*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 2146 medications_lifetime_perc_covered<=maximum(Sodium,sqrt(encounters_lifetime_perc_covered))
 2147 medications_lifetime_perc_covered<=floor(1/2*Microalbumin_Creatinine_Ratio)
 2148 medications_lifetime_perc_covered<=(latitude-1)/Estimated_Glomerular_Filtration_Rate
 2149 medications_lifetime_perc_covered<=(DALY²)^{device_lifetime_length}
 2150 medications_lifetime_perc_covered<=e^{Potassium/Body_Weight}
 2151 medications_lifetime_perc_covered<=(log(encounters_count)/log(10))^{healthcare_expenses}
 2152 medications_lifetime_perc_covered<=2*encounters_count/age
 2153 medications_lifetime_perc_covered<=(log(DALY)/log(10))^{Leukocytes___volume__in_Blood_by_Automated_count}
 2154

medications_lifetime_perc_covered<=immunizations_lifetime^device_lifetime_length
 2155 medications_lifetime_perc_covered<=log(encounters_count)/Erythrocytes___vo
 lume__in_Blood_by_Automated_count
 2156
 medications_lifetime_perc_covered<=(age-1)/Estimated_Glomerular_Filtration_Rate
 2157 medications_lifetime_perc_covered<=(log(Creatinine)/log(10))^device_lifetim
 e_length
 2158 medications_lifetime_perc_covered<=log(QALY)/mean_Creatinine
 2159 medications_lifetime_perc_covered<=-active_condition_length+lifetime_condit
 ion_length
 2160 medications_lifetime_perc_covered<=2*DALY+immunizations_lifetime
 2161 medications_lifetime_perc_covered<=1/2*encounters_count/DALY
 2162 medications_lifetime_perc_covered<=(encounters_count-1)/Alanine_aminotransf
 erase__Enzymatic_activity_volume__in_Serum,Plasma
 2163 medications_lifetime_perc_covered<=2*High_Density_Lipoprotein_Cholesterol/M
 icroalbumin_Creatinine_Ratio
 2164 medications_lifetime_perc_covered<=-medications_lifetime+medications_lifeti
 me_dispenses
 2165 medications_lifetime_perc_covered<=(procedures_lifetime-1)^Glomerular_filtr
 ation_rate_1_73_sq_M_predicted
 2166 medications_lifetime_perc_covered<=(Diastolic_Blood_Pressure-1)/MCV__Entiti
 c_volume__by_Automated_count
 2167 medications_lifetime_perc_covered<=immunizations_lifetime^imaging_studies_l
 ifetime
 2168 medications_lifetime_perc_covered<=immunizations_lifetime^Polyp_size_greate
 st_dimension_by_CAP_cancer_protocols
 2169 medications_lifetime_perc_covered<=active_condition_length^2/medications_li
 fetime_dispenses
 2170 medications_lifetime_perc_covered<=2*DALY/mean_Leukocytes___volume__in_Blo
 od_by_Automated_count
 2171 medications_lifetime_perc_covered<=DALY^Bilirubin_total__Mass_volume__in_Se
 rum,Plasma
 2172 medications_lifetime_perc_covered<=1/Urea_Nitrogen+medications_active
 2173 medications_lifetime_perc_covered<=maximum(immunizations_lifetime,lifetime_
 care_plans-1)
 2174 medications_lifetime_perc_covered<=Pain_severity___0_10_verbal_numeric_rati
 ng__Score___Reported+procedures_lifetime
 2175 medications_lifetime_perc_covered<=(2*encounters_lifetime_perc_covered)^Pla
 telet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 2176 medications_lifetime_perc_covered<=-Protein__Mass_volume__in_Serum,Plasma/l
 ongitude
 2177 medications_lifetime_perc_covered<=log(DALY)^Microalbumin_Creatinine_Ratio
 2178 medications_lifetime_perc_covered<=floor(Calcium)/Aspartate_aminotransferas
 e__Enzymatic_activity_volume__in_Serum,Plasma
 2179 medications_lifetime_perc_covered<=sqrt(Total_Cholesterol)/device_lifetime_
 length
 2180 medications_lifetime_perc_covered<=log(Platelet_mean_volume__Entitic_volume
 __in_Blood_by_Automated_count)/medications_active

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2181 medications_lifetime_perc_covered<=abs(log(active_conditions))
2182 medications_lifetime_perc_covered<=1/2*healthcare_coverage/encounters_lifetime_total_cost
2183 medications_lifetime_perc_covered<=sqrt(DALY)+immunizations_lifetime
2184 medications_lifetime_perc_covered<=encounters_lifetime_perc_covered*sqrt(lifetime_care_plans)
2185 medications_lifetime_perc_covered<=maximum(encounters_lifetime_perc_covered,log(lifetime_care_plans))
2186 medications_lifetime_perc_covered<=ceil(Potassium)-num_allergies
2187 medications_lifetime_perc_covered<=(log(device_lifetime_length)/log(10))^Leukocytes___volume__in_Blood_by_Automated_count
2188 medications_lifetime_perc_covered<=(encounters_count-1)/Body_Mass_Index
2189 medications_lifetime_perc_covered<=2*QALY/latitude
2190 medications_lifetime_perc_covered<=1/2*lifetime_care_plan_length/procedures_lifetime
2191
medications_lifetime_perc_covered<=maximum(QOLS,log(active_conditions)/log(10))
2192 medications_lifetime_perc_covered<=2*encounters_count/High_Density_Lipoprotein_Cholesterol
2193 medications_lifetime_perc_covered<=Carbon_Dioxide*encounters_lifetime_perc_covered^2
2194 medications_lifetime_perc_covered<=(procedures_lifetime-1)^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
2195 medications_lifetime_perc_covered<=Respiratory_rate^2/Total_Cholesterol
2196 medications_lifetime_perc_covered>=-device_lifetime_length
2197 medications_lifetime_perc_covered>=-healthcare_coverage
2198 medications_lifetime_perc_covered>=-num_allergies
2199 medications_lifetime_perc_covered>=-active_conditions
2200 medications_lifetime_perc_covered>=Bilirubin_total__Mass_volume__in_Serum,Plasma^2-QOLS
2201
medications_lifetime_perc_covered>=-Respiratory_rate+log(healthcare_coverage)
2202 medications_lifetime_perc_covered>=-Urea_Nitrogen+log(encounters_lifetime_payer_coverage)
2203 medications_lifetime_perc_covered>=-Calcium+log(encounters_lifetime_payer_coverage)
2204 medications_lifetime_perc_covered>=log(device_lifetime_length)/Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
2205 medications_lifetime_perc_covered>=-Creatinine+QOLS
2206
medications_lifetime_perc_covered>=2*imaging_studies_lifetime/Respiratory_rate
2207 medications_lifetime_perc_covered>=maximum(Glucose__Mass_volume__in_Urine_by_Test_strip,-Estimated_Glomerular_Filtration_Rate)
2208 medications_lifetime_perc_covered>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+medications_active
2209 medications_lifetime_perc_covered>=log(encounters_lifetime_payer_coverage)-mean_Calcium
2210 medications_lifetime_perc_covered>=floor(Body_Weight)-mean_Body_Weight

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2211 medications_lifetime_perc_covered>=-Albumin_Mass_volume__in_Serum,Plasma+log(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
 2212 medications_lifetime_perc_covered>=-Albumin_Mass_volume__in_Serum,Plasma+ceil(Globulin_Mass_volume__in_Serum_by_calculation)
 2213 medications_lifetime_perc_covered>=-Carbon_Dioxide+Urea_Nitrogen+1
 2214 medications_lifetime_perc_covered>=log(encounters_lifetime_total_cost)/log(10)-Leukocytes___volume__in_Blood_by_Automated_count
 2215 medications_lifetime_perc_covered>=-Erythrocytes___volume__in_Blood_by_Automated_count+log(age)
 2216 medications_lifetime_perc_covered>=log(immunizations_lifetime)/(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count*log(10))
 2217 medications_lifetime_perc_covered>=sqrt(num_allergies)-active_care_plans
 2218 medications_lifetime_perc_covered>=sqrt(num_allergies)-medications_active
 2219 medications_lifetime_perc_covered>=sqrt(immunizations_lifetime_cost)-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2220 medications_lifetime_perc_covered>=(immunizations_lifetime-1)/mean_Microalbumin_Creatinine_Ratio
 2221 medications_lifetime_perc_covered>=1/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-immunizations_lifetime
 2222 medications_lifetime_perc_covered>=minimum(imaging_studies_lifetime,log(medications_active))/log(10)
 2223 medications_lifetime_perc_covered>=-Diastolic_Blood_Pressure+QALY-1
 2224 medications_lifetime_perc_covered>=sqrt(DALY)-Erythrocytes___volume__in_Blood_by_Automated_count
 2225 medications_lifetime_perc_covered>=imaging_studies_lifetime*log(Creatinine)/log(10)
 2226 medications_lifetime_length<=log(healthcare_expenses)*medications_lifetime_dispenses/log(10)
 2227 medications_lifetime_length<=medications_lifetime_cost
 2228 medications_lifetime_length<=(Creatinine+1)*healthcare_coverage
 2229 medications_lifetime_length<=floor(medications_lifetime_cost)-medications_lifetime_dispenses
 2230 medications_lifetime_length<=sqrt(encounters_count)^medications_lifetime_dispenses
 2231 medications_lifetime_length<=1/2*healthcare_coverage+mean_Estimated_Glomerular_Filtration_Rate
 2232 medications_lifetime_length<=2*Glucose*mean_Triglycerides
 2233 medications_lifetime_length<=sqrt(Body_Mass_Index)*medications_lifetime_dispenses
 2234 medications_lifetime_length<=log(Systolic_Blood_Pressure)*medications_lifetime_dispenses
 2235 medications_lifetime_length<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count^2/medications_active
 2236 medications_lifetime_length<=mean_Erythrocytes___volume__in_Blood_by_Automated_count*medications_lifetime_dispenses
 2237 medications_lifetime_length<=Sodium*e^active_conditions
 2238 medications_lifetime_length<=healthcare_coverage^2/QALY
 2239 medications_lifetime_length<=Body_Weight^2+encounters_lifetime_total_cost

2240 medications_lifetime_length<=(latitude^2)^medications_lifetime
 2241 medications_lifetime_length<=10^Potassium/encounters_lifetime_perc_covered
 2242
 medications_lifetime_length<=Total_Cholesterol*floor(lifetime_condition_length)
 2243 medications_lifetime_length<=(1/2*Potassium)^Aspartate_aminotransferase__En
 zymatic_activity_volume__in_Serum,Plasma
 2244 medications_lifetime_length<=(lifetime_care_plan_length-1)*mean_Alkaline_ph
 osphatase__Enzymatic_activity_volume__in_Serum,Plasma
 2245 medications_lifetime_length<=e^Microalbumin_Creatinine_Ratio*medications_li
 fetime_dispenses
 2246 medications_lifetime_length<=sqrt(age)*medications_lifetime_dispenses
 2247
 medications_lifetime_length<=(log(QALY)/log(10))^medications_lifetime_dispenses
 2248 medications_lifetime_length<=(lifetime_care_plan_length-1)*Protein__Mass_vo
 lume__in_Serum,Plasma
 2249 medications_lifetime_length<=Urea_Nitrogen*lifetime_care_plan_length^2
 2250 medications_lifetime_length<=10^encounters_count/Pain_severity___0_10_verba
 l_numeric_rating__Score___Reported
 2251 medications_lifetime_length<=sqrt(Low_Density_Lipoprotein_Cholesterol)*enco
 unters_lifetime_payer_coverage
 2252
 medications_lifetime_length<=log(Triglycerides)*medications_lifetime_dispenses
 2253 medications_lifetime_length<=maximum(encounters_lifetime_total_cost,1/devic
 e_lifetime_length)
 2254 medications_lifetime_length<=sqrt(encounters_count)^age
 2255 medications_lifetime_length<=1/2*encounters_lifetime_total_cost/imaging_stu
 dies_lifetime
 2256 medications_lifetime_length<=sqrt(Sodium)^Potassium
 2257 medications_lifetime_length<=encounters_lifetime_total_cost*log(Systolic_Bl
 ood_Pressure)
 2258 medications_lifetime_length<=MCH__Entitic_mass__by_Automated_count^medicati
 ons_lifetime
 2259 medications_lifetime_length<=log(Chloride)*medications_lifetime_dispenses
 2260 medications_lifetime_length<=10^procedures_lifetime*healthcare_coverage
 2261 medications_lifetime_length<=encounters_lifetime_total_cost^2/age
 2262 medications_lifetime_length<=encounters_lifetime_total_cost^2/immunizations
 _lifetime_cost
 2263 medications_lifetime_length<=(encounters_lifetime_payer_coverage+1)*mean_Al
 bumin__Mass_volume__in_Serum,Plasma
 2264
 medications_lifetime_length<=sqrt(Carbon_Dioxide)*medications_lifetime_dispenses
 2265 medications_lifetime_length<=2*encounters_lifetime_payer_coverage/medicatio
 ns_lifetime_perc_covered
 2266 medications_lifetime_length<=sqrt(Urea_Nitrogen)^encounters_count
 2267 medications_lifetime_length<=10^Globulin__Mass_volume__in_Serum_by_calculat
 ion*latitude
 2268 medications_lifetime_length<=1/2*healthcare_expenses/Hematocrit__Volume_Fra
 ction__of_Blood_by_Automated_count

2269 $\text{medications_lifetime_length} \leq \sqrt{\text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}} * \text{medications_lifetime_dispenses}$
 2270 $\text{medications_lifetime_length} \leq \text{encounters_lifetime_payer_coverage} * \log(\text{Estimated_Glomerular_Filtration_Rate}) / \log(10)$
 2271 $\text{medications_lifetime_length} \geq \text{num_allergies}$
 2272 $\text{medications_lifetime_length} \geq \sqrt{\text{lifetime_care_plans}} * \text{medications_lifetime_dispenses}$
 2273 $\text{medications_lifetime_length} \geq \log(\text{lifetime_condition_length}) * \text{medications_lifetime_dispenses} / \log(10)$
 2274 $\text{medications_lifetime_length} \geq \text{ceil}(\text{medications_lifetime_cost}) / \text{Glucose}$
 2275 $\text{medications_lifetime_length} \geq (\text{medications_lifetime_cost} + 1) / \text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma}$
 2276 $\text{medications_lifetime_length} \geq \text{encounters_lifetime_payer_coverage} * \log(\text{medications_active}) / \log(10)$
 2277 $\text{medications_lifetime_length} \geq \text{device_lifetime_length}^2 - \text{immunizations_lifetime_cost}$
 2278 $\text{medications_lifetime_length} \geq 1/2 * \text{active_care_plans} * \text{medications_lifetime_dispenses}$
 2279 $\text{medications_lifetime_length} \geq \log(\text{Carbon_Dioxide}) * \text{medications_lifetime_dispenses}$
 2280 $\text{medications_lifetime_length} \geq \text{ceil}(\text{medications_lifetime_cost}) / \text{Systolic_Blood_Pressure}$
 2281 $\text{medications_lifetime_length} \geq \log(\text{Hematocrit_Volume_Fraction_of_Blood_by_Automated_count}) * \text{medications_lifetime_dispenses}$
 2282 $\text{medications_lifetime_length} \geq e^{\text{imaging_studies_lifetime}} * \text{medications_lifetime_dispenses}$
 2283 $\text{medications_lifetime_length} \geq 2 * \text{medications_lifetime_cost} / \text{Total_Cholesterol}$
 2284 $\text{medications_lifetime_length} \geq \text{floor}(\text{DALY}) * \text{mean_Microalbumin_Creatinine_Ratio}$
 2285 $\text{medications_lifetime_length} \geq \log(\text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count}) * \text{medications_lifetime_dispenses}$
 2286 $\text{medications_lifetime_length} \geq \text{lifetime_care_plan_length}^2 / \text{Microalbumin_Creatinine_Ratio}$
 2287 $\text{medications_lifetime_length} \geq (1/2 * \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma})^{\text{mean_Globulin_Mass_volume_in_Serum_by_calculation}}$
 2288 $\text{medications_lifetime_length} \geq \log(\text{DALY}) * \text{medications_lifetime_dispenses}$
 2289 $\text{medications_lifetime_length} \geq \text{medications_lifetime_dispenses}^{\text{Bilirubin_total_Mass_volume_in_Serum,Plasma}}$
 2290 $\text{medications_lifetime_length} \geq \text{medications_active} + \text{medications_lifetime_dispenses}$
 2291 $\text{medications_lifetime_length} \geq \text{latitude} * \log(\text{medications_lifetime})$
 2292 $\text{medications_lifetime_length} \geq \text{Total_Cholesterol}^2 / \text{Chloride}$
 2293 $\text{medications_lifetime_length} \geq \text{Chloride} * \text{ceil}(\text{device_lifetime_length})$
 2294 $\text{medications_lifetime_length} \geq \text{Glomerular_filtration_rate_1_73_sq_M_predicted} * \text{lifetime_conditions}$
 2295 $\text{medications_lifetime_length} \geq \text{ceil}(\text{Calcium}) * \text{medications_lifetime}$
 2296 $\text{medications_lifetime_length} \geq \log(\text{lifetime_condition_length}) * \text{medications_lifetime_dispenses} / \log(10)$

2297 medications_lifetime_length>=latitude^2+Globulin_Mass_volume__in_Serum_by_calculation
 2298 medications_lifetime_length>=ceil(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)*medications_lifetime
 2299 medications_lifetime_length>=Microalbumin_Creatinine_Ratio^2*imaging_studies_lifetime
 2300 medications_lifetime_length>=medications_lifetime_dispenses^2/encounters_lifetime_total_cost
 2301 medications_lifetime_length>=Microalbumin_Creatinine_Ratio^2/mean_Potassium
 2302 medications_lifetime_length>=sqrt(medications_lifetime_cost)*num_allergies
 2303 medications_lifetime_length>=1/2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*encounters_count
 2304 medications_lifetime_length>=sqrt(healthcare_expenses)*medications_lifetime_perc_covered
 2305 medications_lifetime_length>=lifetime_care_plan_length*num_allergies^2
 2306 medications_lifetime_length>=Body_Height*num_allergies^2
 2307 medications_lifetime_length>=-active_condition_length+2*medications_lifetime_dispenses
 2308 medications_lifetime_length>=10^Albumin_Mass_volume__in_Serum,Plasma/mean_Protein_Mass_volume__in_Serum,Plasma
 2309 medications_lifetime_length>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count*sqrt(active_care_plans)
 2310 medications_lifetime_length>=10^immunizations_lifetime*Microalbumin_Creatinine_Ratio
 2311 medications_lifetime_length>=log(Body_Mass_Index)*medications_lifetime/log(10)
 2312 medications_lifetime_length>=10^Pain_severity___0_10_verbal_numeric_rating_Score___Reported*medications_lifetime_perc_covered
 2313 medications_lifetime_length>=-encounters_lifetime_payer_coverage+2*medications_lifetime_dispenses
 2314 medications_lifetime_length>=2*imaging_studies_lifetime*lifetime_condition_length
 2315 medications_lifetime_length>=lifetime_condition_length^2/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2316 medications_lifetime_length>=Body_Height*sqrt(device_lifetime_length)
 2317 medications_lifetime_length>=(medications_lifetime-1)*procedures_lifetime
 2318 medications_lifetime_length>=medications_lifetime^2/Low_Density_Lipoprotein_Cholesterol
 2319 medications_lifetime_length>=log(medications_lifetime)*medications_lifetime_dispenses/log(10)
 2320 medications_lifetime_length>=(Pain_severity___0_10_verbal_numeric_rating_Score___Reported-1)*medications_lifetime_dispenses
 2321 medications_lifetime_length>=sqrt(medications_active)*medications_lifetime_dispenses
 2322 medications_lifetime_length>=2*medications_lifetime_dispenses/Creatinine
 2323 medications_lifetime_length>=ceil(Globulin_Mass_volume__in_Serum_by_calculation)*medications_lifetime_dispenses
 2324 medications_lifetime_length>=DALY*e^Albumin_Mass_volume__in_Serum,Plasma

2325 medications_lifetime_dispendes<=maximum(latitude,1/2*medications_lifetime_l
 ength)
 2326 medications_lifetime_dispendes<=medications_lifetime_cost
 2327 medications_lifetime_dispendes<=1/2*encounters_lifetime_payer_coverage/imag
 ing_studies_lifetime
 2328
 medications_lifetime_dispendes<=2*medications_lifetime_length/active_care_plans
 2329 medications_lifetime_dispendes<=2*medications_lifetime_cost/DALY
 2330 medications_lifetime_dispendes<=floor(medications_lifetime_length)
 2331 medications_lifetime_dispendes<=encounters_lifetime_total_cost*log(Respirat
 ory_rate)/log(10)
 2332 medications_lifetime_dispendes<=1/2*Glucose*Triglycerides
 2333 medications_lifetime_dispendes<=active_care_plan_length^2-Glomerular_filtra
 tion_rate_1_73_sq_M_predicted
 2334 medications_lifetime_dispendes<=e^Alanine_aminotransferase__Enzymatic_activ
 ity_volume__in_Serum,Plasma/healthcare_expenses
 2335 medications_lifetime_dispendes<=(Glomerular_filtration_rate_1_73_sq_M_predi
 cted+1)*mean_Chloride
 2336 medications_lifetime_dispendes<=Body_Weight*Leukocytes___volume__in_Blood_
 by_Automated_count^2
 2337 medications_lifetime_dispendes<=1/2*10^mean_Leukocytes___volume__in_Blood_
 by_Automated_count
 2338 medications_lifetime_dispendes<=1/2*encounters_lifetime_payer_coverage-
 mean_Microalbumin_Creatinine_Ratio
 2339 medications_lifetime_dispendes<=age^2/encounters_lifetime_perc_covered
 2340 medications_lifetime_dispendes<=Carbon_Dioxide*sqrt(healthcare_coverage)
 2341
 medications_lifetime_dispendes<=2*healthcare_coverage/device_lifetime_length
 2342 medications_lifetime_dispendes<=sqrt(Bilirubin_total__Mass_volume__in_Serum
 ,Plasma)*encounters_lifetime_total_cost
 2343 medications_lifetime_dispendes<=Microalbumin_Creatinine_Ratio^2+procedures_
 lifetime_cost
 2344 medications_lifetime_dispendes<=(medications_lifetime_cost-1)/mean_Microalb
 umin_Creatinine_Ratio
 2345 medications_lifetime_dispendes<=2*QALY*age
 2346 medications_lifetime_dispendes<=(medications_active+1)*Platelets___volume_
 _in_Blood_by_Automated_count
 2347 medications_lifetime_dispendes<=ceil(age)^encounters_count
 2348 medications_lifetime_dispendes<=10^medications_lifetime*latitude
 2349 medications_lifetime_dispendes<=2*age+healthcare_coverage
 2350 medications_lifetime_dispendes<=sqrt(Low_Density_Lipoprotein_Cholesterol)*P
 latelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 2351 medications_lifetime_dispendes<=(encounters_count-1)*Triglycerides
 2352 medications_lifetime_dispendes<=Sodium*e^medications_lifetime
 2353 medications_lifetime_dispendes<=encounters_lifetime_payer_coverage^2/Platel
 ets___volume__in_Blood_by_Automated_count
 2354 medications_lifetime_dispendes<=maximum(lifetime_condition_length,1/2*medic
 ations_lifetime_length)

2355 medications_lifetime_dispenses<=1/2*encounters_lifetime_payer_coverage/medications_lifetime_perc_covered
 2356 medications_lifetime_dispenses<=floor(medications_lifetime_length)-medications_active
 2357 medications_lifetime_dispenses<=(1/2*Sodium)^Microalbumin_Creatinine_Ratio
 2358 medications_lifetime_dispenses<=floor(medications_lifetime_cost)-medications_lifetime_length
 2359 medications_lifetime_dispenses<=floor(medications_lifetime_cost)/procedures_lifetime
 2360 medications_lifetime_dispenses<=e^Calcium/Pain_severity__0_10_verbal_numeric_rating__Score___Reported
 2361 medications_lifetime_dispenses<=2*medications_lifetime_length/num_allergies
 2362 medications_lifetime_dispenses<=ceil(encounters_lifetime_total_cost)/encounters_lifetime_perc_covered
 2363 medications_lifetime_dispenses<=active_care_plan_length^2/medications_lifetime_perc_covered
 2364 medications_lifetime_dispenses<=Globulin_Mass_volume__in_Serum_by_calculation^mean_Calcium
 2365 medications_lifetime_dispenses<=1/2*Body_Weight*Diastolic_Blood_Pressure
 2366 medications_lifetime_dispenses<=Calcium^2*QALY
 2367 medications_lifetime_dispenses<=active_care_plan_length^2*mean_Potassium
 2368 medications_lifetime_dispenses<=(QALY+1)*Systolic_Blood_Pressure
 2369 medications_lifetime_dispenses<=e^active_care_plans*mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 2370 medications_lifetime_dispenses<=Bilirubin_total__Mass_volume__in_Serum,Plasma*Chloride^2
 2371 medications_lifetime_dispenses<=(1/2*Leukocytes___volume__in_Blood_by_Automated_count)^Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 2372 medications_lifetime_dispenses<=lifetime_condition_length^2+MCHC__Mass_volume__by_Automated_count
 2373 medications_lifetime_dispenses<=e^medications_lifetime/Estimated_Glomerular_Filtration_Rate
 2374 medications_lifetime_dispenses<=e^active_care_plan_length/Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 2375 medications_lifetime_dispenses<=age^2+encounters_lifetime_payer_coverage
 2376 medications_lifetime_dispenses<=(Estimated_Glomerular_Filtration_Rate^2)^Creatinine
 2377 medications_lifetime_dispenses<=sqrt(medications_lifetime_cost)+encounters_lifetime_total_cost
 2378 medications_lifetime_dispenses<=(log(Estimated_Glomerular_Filtration_Rate)/log(10))^High_Density_Lipoprotein_Cholesterol
 2379 medications_lifetime_dispenses<=e^Calcium/device_lifetime_length
 2380 medications_lifetime_dispenses<=age^2+Systolic_Blood_Pressure
 2381 medications_lifetime_dispenses<=Total_Cholesterol+2*encounters_lifetime_payer_coverage
 2382 medications_lifetime_dispenses<=10^active_conditions*Body_Height
 2383 medications_lifetime_dispenses<=10^active_conditions/Hemoglobin_A1c_Hemoglobin_total_in_Blood

2384 medications_lifetime_dispenses<=Low_Density_Lipoprotein_Cholesterol*e^active_conditions
 2385 medications_lifetime_dispenses<=(1/medications_lifetime_perc_covered)^MCHC_Mass_volume__by_Automated_count
 2386 medications_lifetime_dispenses<=(Low_Density_Lipoprotein_Cholesterol^2)^mean_Creatinine
 2387 medications_lifetime_dispenses<=2*Carbon_Dioxide*Glucose
 2388 medications_lifetime_dispenses<=active_condition_length^2/medications_lifetime_perc_covered
 2389 medications_lifetime_dispenses<=lifetime_condition_length^2/device_lifetime_length
 2390 medications_lifetime_dispenses<=e^Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count/Respiratory_rate
 2391 medications_lifetime_dispenses>=num_allergies
 2392 medications_lifetime_dispenses>=2*active_care_plan_length*medications_active
 2393 medications_lifetime_dispenses>=medications_lifetime
 2394 medications_lifetime_dispenses>=log(Glomerular_filtration_rate_1_73_sq_M_predicted)*mean_High_Density_Lipoprotein_Cholesterol
 2395 medications_lifetime_dispenses>=ceil(medications_lifetime_length)/mean_Erythrocytes___volume__in_Blood_by_Automated_count
 2396 medications_lifetime_dispenses>=(lifetime_care_plan_length+1)*medications_active
 2397 medications_lifetime_dispenses>=maximum(Glucose, Microalbumin_Creatinine_Ratio)
 2398 medications_lifetime_dispenses>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum, Plasma^2/Creatinine
 2399 medications_lifetime_dispenses>=log(Glomerular_filtration_rate_1_73_sq_M_predicted)*medications_lifetime
 2400 medications_lifetime_dispenses>=sqrt(healthcare_coverage)*num_allergies
 2401 medications_lifetime_dispenses>=lifetime_conditions*log(medications_lifetime_length)/log(10)
 2402 medications_lifetime_dispenses>=MCV__Entitic_volume__by_Automated_count*log(lifetime_care_plan_length)/log(10)
 2403 medications_lifetime_dispenses>=ceil(medications_lifetime_cost)/encounters_lifetime_total_cost
 2404 medications_lifetime_dispenses>=2*medications_lifetime_length/QALY
 2405 medications_lifetime_dispenses>=2*age*imaging_studies_lifetime
 2406 medications_lifetime_dispenses>=2*medications_lifetime_cost/healthcare_coverage
 2407 medications_lifetime_dispenses>=(Bilirubin_total__Mass_volume__in_Serum, Plasma+1)^Calcium
 2408 medications_lifetime_dispenses>=2*medications_lifetime_length/Respiratory_rate
 2409 medications_lifetime_dispenses>=Carbon_Dioxide^2/Microalbumin_Creatinine_Ratio
 2410 medications_lifetime_dispenses>=1/2*medications_lifetime_length/Potassium
 2411 medications_lifetime_dispenses>=(log(Alkaline_phosphatase__Enzymatic_activi

$\text{ty_volume_in_Serum,Plasma})/\log(10))^{\wedge}\text{Calcium}$
2412 $\text{medications_lifetime_dispenses} \geq 2 * \text{medications_lifetime_length} / \text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count}$
2413 $\text{medications_lifetime_dispenses} \geq (\text{Body_Height} + 1) * \text{num_allergies}$
2414 $\text{medications_lifetime_dispenses} \geq (\text{medications_lifetime} - 1) * \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}$
2415 $\text{medications_lifetime_dispenses} \geq 2 * \text{immunizations_lifetime_cost} * \text{medications_lifetime_perc_covered}$
2416 $\text{medications_lifetime_dispenses} \geq \text{sqrt}(\text{Triglycerides}) * \text{medications_active}$
2417 $\text{medications_lifetime_dispenses} \geq \text{ceil}(\text{Microalbumin_Creatinine_Ratio}) * \text{mean_Creatinine}$
2418 $\text{medications_lifetime_dispenses} \geq \text{sqrt}(\text{healthcare_coverage}) * \text{medications_lifetime_perc_covered}$
2419 $\text{medications_lifetime_dispenses} \geq \text{sqrt}(\text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}) * \text{mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}$
2420 $\text{medications_lifetime_dispenses} \geq \text{ceil}(\text{Albumin_Mass_volume_in_Serum,Plasma}) * \text{immunizations_lifetime_cost}$
2421 $\text{medications_lifetime_dispenses} \geq 2 * \text{Glomerular_filtration_rate_1_73_sq_M_predicted} / \text{Bilirubin_total_Mass_volume_in_Serum,Plasma}$
2422 $\text{medications_lifetime_dispenses} \geq \log(\text{DALY}) * \text{mean_Microalbumin_Creatinine_Ratio}$
2423 $\text{medications_lifetime_dispenses} \geq \log(\text{Calcium}) * \text{medications_lifetime}$
2424 $\text{medications_lifetime_dispenses} \geq \text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count} * \log(\text{medications_lifetime})$
2425 $\text{medications_lifetime_dispenses} \geq \text{Microalbumin_Creatinine_Ratio}^2 / \text{mean_Estimated_Glomerular_Filtration_Rate}$
2426 $\text{medications_lifetime_dispenses} \geq 2 * \text{medications_lifetime_length} / \text{latitude}$
2427 $\text{medications_lifetime_dispenses} \geq \log(\text{healthcare_expenses}) * \text{medications_active} / \log(10)$
2428 $\text{medications_lifetime_dispenses} \geq \text{device_lifetime_length} * \log(\text{medications_lifetime_cost})$
2429 $\text{medications_lifetime_dispenses} \geq 2 * \text{latitude} * \text{num_allergies}$
2430 $\text{medications_lifetime_dispenses} \geq \log(\text{medications_lifetime}) * \text{procedures_lifetime}$
2431 $\text{medications_lifetime_dispenses} \geq \text{encounters_count} * \text{num_allergies}^2$
2432 $\text{medications_lifetime_dispenses} \geq e^{\wedge} \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} * \text{num_allergies}$
2433 $\text{medications_lifetime_dispenses} \geq 2 * \text{lifetime_condition_length} * \text{num_allergies}$
2434 $\text{medications_lifetime_dispenses} \geq -\text{Calcium} + e^{\wedge} \text{active_care_plans}$
2435 $\text{medications_lifetime_dispenses} \geq e^{\wedge} \text{lifetime_care_plans} + \text{mean_Microalbumin_Creatinine_Ratio}$
2436 $\text{medications_lifetime_dispenses} \geq \text{sqrt}(\text{device_lifetime_length})^{\wedge} \text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count}$
2437 $\text{medications_lifetime_dispenses} \geq 2 * \text{active_conditions} * \text{medications_active}$
2438 $\text{medications_lifetime_dispenses} \geq \text{num_allergies} * \text{sqrt}(\text{procedures_lifetime_cost})$
2439 $\text{medications_lifetime_dispenses} \geq \text{Hemoglobin_Mass_volume_in_Blood} * \text{lifetime_}$

care_plans^2
2440 medications_lifetime_dispendes>=active_condition_length*log(medications_lifetime)
2441 medications_lifetime_dispendes>=Systolic_Blood_Pressure+log(device_lifetime_length)
2442 medications_lifetime_dispendes>=lifetime_condition_length+log(device_lifetime_length)
2443 medications_lifetime_dispendes>=1/2*medications_lifetime_length/Hemoglobin_A1c_Hemoglobin_total_in_Blood
2444 medications_lifetime_dispendes>=active_care_plan_length*log(medications_lifetime)
2445
medications_lifetime_dispendes>=Systolic_Blood_Pressure*log(medications_active)
2446
medications_lifetime_dispendes>=sqrt(medications_lifetime_cost)-mean_Heart_rate
2447 medications_lifetime_dispendes>=log(medications_lifetime_perc_covered)/log(10)-longitude
2448
medications_lifetime_dispendes>=(medications_active-1)*lifetime_condition_length
2449 medications_lifetime_dispendes>=Chloride^2/mean_Glomerular_filtration_rate_1_73_sq_M_predicted
2450 medications_active<=healthcare_coverage
2451 medications_active<=QOLS*e^medications_lifetime_length
2452 medications_active<=encounters_count
2453 medications_active<=medications_lifetime
2454 medications_active<=active_care_plans+2
2455 medications_active<=maximum(immunizations_lifetime_cost,log(healthcare_coverage)/log(10))
2456 medications_active<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
2457 medications_active<=floor(Calcium)
2458 medications_active<=-medications_lifetime+medications_lifetime_dispendes
2459 medications_active<=floor(Microalbumin_Creatinine_Ratio)
2460 medications_active<=log(lifetime_care_plans)^Estimated_Glomerular_Filtration_Rate
2461 medications_active<=10^active_care_plans
2462 medications_active<=floor(Carbon_Dioxide)-lifetime_conditions
2463 medications_active<=sqrt(medications_lifetime)+Pain_severity___0_10_verbal_numeric_rating__Score___Reported
2464 medications_active<=ceil(Leukocytes___volume__in_Blood_by_Automated_count)
2465 medications_active<=active_care_plans/imaging_studies_lifetime
2466 medications_active<=ceil(10^Creatinine)
2467
medications_active<=(Estimated_Glomerular_Filtration_Rate-1)/active_care_plans
2468 medications_active<=active_care_plans/medications_lifetime_perc_covered
2469 medications_active<=Respiratory_rate^Creatinine
2470 medications_active<=lifetime_care_plans+procedures_lifetime+1
2471 medications_active<=1/device_lifetime_length+DALY
2472 medications_active<=log(Total_Cholesterol)/log(10)+DALY

2473 medications_active<=floor(active_care_plan_length)^active_care_plans
 2474 medications_active<=sqrt(lifetime_care_plan_length)-mean_Creatinine
 2475 medications_active<=-Alanine_aminotransferase__Enzymatic_activity_volume__i
 n_Serum,Plasma+lifetime_care_plan_length
 2476 medications_active<=ceil(log(mean_Estimated_Glomerular_Filtration_Rate))
 2477 medications_active<=1/2*medications_lifetime_dispenses/Erythrocyte_distribu
 tion_width__Entitic_volume__by_Automated_count
 2478 medications_active<=floor(active_condition_length)/device_lifetime_length
 2479 medications_active<=ceil(latitude)-procedures_lifetime
 2480 medications_active<=minimum(Platelet_distribution_width__Entitic_volume__in
 _Blood_by_Automated_count,active_conditions^2)
 2481 medications_active<=encounters_count/immunizations_lifetime
 2482 medications_active<=2*age/procedures_lifetime
 2483 medications_active<=-active_care_plans+ceil(Urea_Nitrogen)
 2484 medications_active<=minimum(healthcare_expenses,log(FEV1_FVC))
 2485 medications_active<=-imaging_studies_lifetime+medications_lifetime
 2486 medications_active<=active_care_plans+immunizations_lifetime+1
 2487 medications_active<=encounters_count-num_allergies+1
 2488 medications_active<=maximum(Sodium,lifetime_care_plans+1)
 2489 medications_active<=maximum(Glomerular_filtration_rate_1_73_sq_M_predicted,
 lifetime_care_plans+1)
 2490 medications_active<=immunizations_lifetime_cost+log(age)
 2491 medications_active<=ceil(Potassium)+procedures_lifetime_cost
 2492 medications_active<=-active_conditions+floor(Aspartate_aminotransferase__En
 zymatic_activity_volume__in_Serum,Plasma)
 2493 medications_active<=minimum(Triglycerides,floor(Prostate_specific_Ag__Mass_
 volume__in_Serum,Plasma))
 2494 medications_active<=log(Erythrocyte_distribution_width__Entitic_volume__by_
 Automated_count)/device_lifetime_length
 2495 medications_active<=-DALY+MCHC__Mass_volume__by_Automated_count
 2496 medications_active<=(log(medications_lifetime)/log(10))^Estimated_Glomerula
 r_Filtration_Rate
 2497 medications_active<=minimum(Estimated_Glomerular_Filtration_Rate,floor(Glob
 ulin__Mass_volume__in_Serum_by_calculation))
 2498 medications_active<=1/2*lifetime_care_plan_length/num_allergies
 2499 medications_active<=-Urea_Nitrogen+ceil(lifetime_care_plan_length)
 2500
 medications_active<=(encounters_lifetime_payer_coverage+1)/Total_Cholesterol
 2501 medications_active<=sqrt(encounters_lifetime_total_cost)/active_conditions
 2502 medications_active<=sqrt(medications_lifetime_cost)/active_care_plan_length
 2503 medications_active<=maximum(Respiratory_rate,ceil(Creatinine))
 2504
 medications_active<=1/2*medications_lifetime_dispenses/active_care_plan_length
 2505 medications_active<=log(Low_Density_Lipoprotein_Cholesterol)^Creatinine
 2506 medications_active<=-Heart_rate+ceil(Triglycerides)
 2507 medications_active>=imaging_studies_lifetime
 2508 medications_active>=ceil(log(Glomerular_filtration_rate_1_73_sq_M_predicted
)/log(10))

2509 medications_active>=Glomerular_filtration_rate_1_73_sq_M_predicted-
 mean_Glomerular_filtration_rate_1_73_sq_M_predicted-1
 2510 medications_active>=floor(sqrt(num_allergies))
 2511 medications_active>=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)
 2512 medications_active>=-Heart_rate+floor(QALY)
 2513 medications_active>=num_allergies/medications_lifetime
 2514 medications_active>=minimum(active_care_plans,1/2*num_allergies)
 2515 medications_active>=-active_condition_length+2*num_allergies
 2516 medications_active>=2*num_allergies/Pain_severity___0_10_verbal_numeric_rati
 ng__Score____Reported
 2517 medications_active>=log(active_care_plans)-mean_Pain_severity___0_10_verbal
 _numeric_rating__Score____Reported
 2518 medications_active>=minimum(Pain_severity___0_10_verbal_numeric_rating__Sco
 re____Reported,floor(num_allergies))
 2519 medications_active>=active_care_plans-active_conditions
 2520 medications_active>=(1/2*medications_lifetime)^Total_score__MMSE_
 2521 medications_active>=1/2*lifetime_care_plan_length/Erythrocyte_distribution_
 width__Entitic_volume__by_Automated_count
 2522 medications_active>=-lifetime_conditions+log(encounters_count)
 2523
 medications_active>=-High_Density_Lipoprotein_Cholesterol+2*Respiratory_rate
 2524
 medications_active>=-Estimated_Glomerular_Filtration_Rate+lifetime_conditions+1
 2525 medications_active>=log(MCV__Entitic_volume__by_Automated_count)/log(10)-im
 munizations_lifetime_cost
 2526 medications_active>=-Diastolic_Blood_Pressure+ceil(active_care_plan_length)
 2527 medications_active>=minimum(device_lifetime_length,10^num_allergies)
 2528 medications_active>=active_care_plan_length-mean_Heart_rate+1
 2529 medications_active>=-Potassium+active_care_plans-1
 2530 medications_active>=-Respiratory_rate+active_conditions-1
 2531 medications_active>=minimum(num_allergies,QOLS)
 2532 medications_active>=(log(Urea_Nitrogen)/log(10))^Albumin__Mass_volume__in_S
 erum,Plasma
 2533
 medications_active>=-encounters_lifetime_payer_coverage+medications_lifetime
 2534 medications_active>=log(active_care_plans)/log(10)-encounters_lifetime_perc
 _covered
 2535 medications_active>=minimum(num_allergies,procedures_lifetime)
 2536 medications_active>=-Diastolic_Blood_Pressure+QALY+1
 2537 medications_active>=-Body_Weight+QALY+1
 2538 medications_active>=-Leukocytes___volume__in_Blood_by_Automated_count+floo
 r(Erythrocytes___volume__in_Blood_by_Automated_count)
 2539 medications_active>=floor(log(Creatinine))
 2540 medications_active>=Pain_severity___0_10_verbal_numeric_rating__Score____Re
 ported*imaging_studies_lifetime
 2541 medications_active>=Creatinine-Microalbumin_Creatinine_Ratio+1
 2542 medications_active>=Pain_severity___0_10_verbal_numeric_rating__Score____Re
 ported-mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported

2543 medications_active>=1/2*medications_lifetime_dispenses/Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 2544 medications_active>=Bilirubin_total__Mass_volume__in_Serum,Plasma+immunizations_lifetime
 2545 medications_active>=ceil(Creatinine)-procedures_lifetime_cost
 2546 medications_active>=floor(log(Calcium)/log(10))
 2547 medications_active>=-QALY+Respiratory_rate-1
 2548 medications_active>=sqrt(medications_lifetime_dispenses)-age
 2549 medications_active>=-Creatinine+log(active_care_plans)
 2550 medications_active>=floor(log(device_lifetime_length)/log(10))
 2551 medications_active>=1/2*latitude-mean_Estimated_Glomerular_Filtration_Rate
 2552 medications_active>=1/Creatinine-procedures_lifetime
 2553 medications_active>=2*active_care_plans-lifetime_care_plan_length
 2554 medications_active>=2*active_care_plans-encounters_count
 2555 medications_active>=sqrt(lifetime_care_plans)-lifetime_care_plan_length
 2556 medications_active>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported+floor(QOLS)
 2557 medications_active>=-Erythrocytes___volume__in_Blood_by_Automated_count+1/2*lifetime_conditions
 2558 medications_active>=sqrt(device_lifetime_length)/medications_lifetime
 2559 medications_active>=minimum(active_care_plans,floor(encounters_lifetime_per_c_covered))
 2560 medications_active>=2*QOLS*imaging_studies_lifetime
 2561 medications_active>=-active_care_plans+immunizations_lifetime-1
 2562 medications_active>=log(medications_lifetime_length)/log(10)-encounters_count
 2563 medications_active>=(2*QOLS)^Bilirubin_total__Mass_volume__in_Serum,Plasma
 2564 medications_active>=-MCHC__Mass_volume__by_Automated_count+1/2*QALY
 2565 medications_active>=-Calcium+1/2*Urea_Nitrogen
 2566 procedures_lifetime<=floor(latitude)-1
 2567 procedures_lifetime<=encounters_lifetime_total_cost
 2568 procedures_lifetime<=procedures_lifetime_cost
 2569 procedures_lifetime<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,active_conditions-1)
 2570 procedures_lifetime<=encounters_count^2/Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 2571 procedures_lifetime<=1/2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/QOLS
 2572 procedures_lifetime<=floor(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)-1
 2573 procedures_lifetime<=procedures_lifetime_cost/lifetime_condition_length
 2574 procedures_lifetime<=floor(procedures_lifetime_cost)/Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 2575 procedures_lifetime<=10^healthcare_coverage
 2576 procedures_lifetime<=floor(e^encounters_count)
 2577 procedures_lifetime<=sqrt(encounters_lifetime_payer_coverage)+active_conditions
 2578 procedures_lifetime<=10^encounters_lifetime_payer_coverage

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2579 procedures_lifetime<=floor(Estimated_Glomerular_Filtration_Rate)/mean_Pain_
severity___0_10_verbal_numeric_rating_Score___Reported
2580 procedures_lifetime<=1/2*procedures_lifetime_cost/Sodium
2581 procedures_lifetime<=2*floor(Microalbumin_Creatinine_Ratio)
2582 procedures_lifetime<=encounters_count^2/active_conditions
2583 procedures_lifetime<=lifetime_conditions^Sodium
2584 procedures_lifetime<=1/2*procedures_lifetime_cost/Systolic_Blood_Pressure
2585 procedures_lifetime<=maximum(Sodium,1/imaging_studies_lifetime)
2586 procedures_lifetime<=(1/2*active_conditions)^Sodium
2587
procedures_lifetime<=log(High_Density_Lipoprotein_Cholesterol)^mean_Creatinine
2588 procedures_lifetime<=maximum(Platelet_distribution_width__Entitic_volume__i
n_Blood_by_Automated_count,sqrt(Low_Density_Lipoprotein_Cholesterol))
2589
procedures_lifetime<=ceil(sqrt(Glomerular_filtration_rate_1_73_sq_M_predicted))
2590 procedures_lifetime<=ceil(Estimated_Glomerular_Filtration_Rate+1)
2591
procedures_lifetime<=maximum(medications_lifetime_length,2*encounters_count)
2592 procedures_lifetime<=2*DALY*Hemoglobin_A1c_Hemoglobin_total_in_Blood
2593 procedures_lifetime<=e^active_care_plans/num_allergies
2594 procedures_lifetime<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(lifetim
e_care_plan_length)
2595 procedures_lifetime<=2*active_care_plan_length/device_lifetime_length
2596 procedures_lifetime<=10^DALY/Bilirubin_total__Mass_volume__in_Serum,Plasma
2597 procedures_lifetime<=1/2*active_care_plan_length/num_allergies
2598 procedures_lifetime<=1/2*procedures_lifetime_cost/encounters_count
2599 procedures_lifetime<=10^(10^active_conditions)
2600 procedures_lifetime<=medications_lifetime/Bilirubin_total__Mass_volume__in_
Serum,Plasma
2601 procedures_lifetime<=(encounters_count+1)/immunizations_lifetime
2602 procedures_lifetime<=minimum(healthcare_expenses,2*Prostate_specific_Ag__Ma
ss_volume__in_Serum,Plasma)
2603 procedures_lifetime<=medications_lifetime_dispenses^Glomerular_filtration_r
ate_1_73_sq_M_predicted
2604 procedures_lifetime<=10^active_care_plans/Potassium
2605 procedures_lifetime<=(e^Body_Mass_Index)^encounters_lifetime_perc_covered
2606 procedures_lifetime<=10^active_care_plans+Pain_severity___0_10_verbal_numer
ic_rating_Score___Reported
2607 procedures_lifetime<=(Alanine_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma-1)/medications_active
2608 procedures_lifetime<=Alanine_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma-
Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
2609 procedures_lifetime<=maximum(Sodium,10^Pain_severity___0_10_verbal_numeric_
rating_Score___Reported)
2610
procedures_lifetime<=encounters_lifetime_total_cost^2/medications_lifetime_cost
2611 procedures_lifetime<=2*immunizations_lifetime+medications_lifetime_cost

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2612 procedures_lifetime<=1/2*procedures_lifetime_cost/lifetime_care_plan_length
2613 procedures_lifetime>=-device_lifetime_length
2614 procedures_lifetime>=active_care_plans-healthcare_coverage
2615 procedures_lifetime>=-num_allergies
2616 procedures_lifetime>=-active_conditions
2617 procedures_lifetime>=floor(encounters_lifetime_perc_covered)
2618 procedures_lifetime>=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
2619 procedures_lifetime>=log(log(procedures_lifetime_cost))/log(10)
2620 procedures_lifetime>=-Heart_rate+floor(QALY)
2621 procedures_lifetime>=-active_condition_length+lifetime_conditions-1
2622 procedures_lifetime>=minimum(procedures_lifetime_cost,ceil(encounters_lifetime_perc_covered))
2623 procedures_lifetime>=-Microalbumin_Creatinine_Ratio+log(Body_Mass_Index)
2624 procedures_lifetime>=MCHC__Mass_volume__by_Automated_count-immunizations_lifetime_cost+1
2625
procedures_lifetime>=-Estimated_Glomerular_Filtration_Rate+lifetime_conditions
2626
procedures_lifetime>=minimum(device_lifetime_length,imaging_studies_lifetime)
2627 procedures_lifetime>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-QALY-1
2628 procedures_lifetime>=ceil(Globulin__Mass_volume__in_Serum_by_calculation)*device_lifetime_length
2629 procedures_lifetime>=sqrt(lifetime_conditions)-mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
2630 procedures_lifetime>=2*procedures_lifetime_cost/healthcare_expenses
2631 procedures_lifetime>=ceil(Creatinine)*imaging_studies_lifetime
2632 procedures_lifetime>=-active_care_plan_length+immunizations_lifetime
2633 procedures_lifetime>=-Erythrocytes___volume__in_Blood_by_Automated_count+1/2*lifetime_conditions
2634 procedures_lifetime>=log(Urea_Nitrogen)/log(10)-medications_lifetime
2635 procedures_lifetime>=1/2*imaging_studies_lifetime*mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
2636 procedures_lifetime>=minimum(procedures_lifetime_cost,QOLS)
2637 procedures_lifetime>=maximum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma,-Estimated_Glomerular_Filtration_Rate)
2638 procedures_lifetime>=minimum(mean_Globulin__Mass_volume__in_Serum_by_calculation,-Triglycerides)
2639 procedures_lifetime>=-Total_Cholesterol+1/2*lifetime_care_plan_length
2640 procedures_lifetime>=-active_care_plans+lifetime_care_plans-1
2641 procedures_lifetime>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported-encounters_count
2642 procedures_lifetime>=sqrt(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)-immunizations_lifetime_cost
2643 procedures_lifetime>=immunizations_lifetime^2-medications_lifetime_cost
2644 procedures_lifetime>=Respiratory_rate^2-Platelet_distribution_width__Entitific_volume__in_Blood_by_Automated_count
2645 procedures_lifetime>=log(medications_lifetime_dispenses)/log(10)-active_car

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e_plan_length
2646 procedures_lifetime>=-Body_Weight+ceil(QALY)
2647 procedures_lifetime>=-active_care_plan_length+floor(Calcium)
2648 procedures_lifetime>=sqrt(Heart_rate)-Calcium
2649 procedures_lifetime>=floor(log(device_lifetime_length)/log(10))
2650 procedures_lifetime>=-Diastolic_Blood_Pressure+1/2*Sodium
2651
procedures_lifetime>=latitude*log(Bilirubin_total__Mass_volume__in_Serum,Plasma)
2652 procedures_lifetime_cost<=1/4*encounters_lifetime_total_cost^2
2653 procedures_lifetime_cost<=encounters_lifetime_total_cost^2
2654 procedures_lifetime_cost<=(Systolic_Blood_Pressure^2)^procedures_lifetime
2655 procedures_lifetime_cost<=e^Respiratory_rate/Erythrocytes___volume__in_Blo
od_by_Automated_count
2656 procedures_lifetime_cost<=Alkaline_phosphatase__Enzymatic_activity_volume__
in_Serum,Plasma*Glomerular_filtration_rate_1_73_sq_M_predicted^2
2657 procedures_lifetime_cost<=e^ceil(Platelet_mean_volume__Entitic_volume__in_B
lood_by_Automated_count)
2658 procedures_lifetime_cost<=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Es
timated_Glomerular_Filtration_Rate
2659 procedures_lifetime_cost<=(10^Hemoglobin_A1c_Hemoglobin_total_in_Blood)^mea
n_Creatinine
2660 procedures_lifetime_cost<=encounters_lifetime_total_cost^2/encounters_count
2661 procedures_lifetime_cost<=(10^procedures_lifetime)^Hemoglobin_A1c_Hemoglobi
n_total_in_Blood
2662 procedures_lifetime_cost<=Diastolic_Blood_Pressure^2*age
2663 procedures_lifetime_cost<=-Estimated_Glomerular_Filtration_Rate+medications
_lifetime_cost-1
2664 procedures_lifetime_cost<=(1/2*healthcare_expenses)^mean_Creatinine
2665 procedures_lifetime_cost<=sqrt(healthcare_expenses)^encounters_count
2666 procedures_lifetime_cost<=1/2*encounters_lifetime_total_cost/imaging_studie
s_lifetime
2667 procedures_lifetime_cost<=10^Microalbumin_Creatinine_Ratio*Glucose
2668 procedures_lifetime_cost<=Diastolic_Blood_Pressure^2*mean_High_Density_Lipo
protein_Cholesterol
2669 procedures_lifetime_cost<=(MCH__Entitic_mass__by_Automated_count^2)^procedu
res_lifetime
2670 procedures_lifetime_cost<=(procedures_lifetime+1)^Respiratory_rate
2671 procedures_lifetime_cost<=(2*Body_Mass_Index)^mean_Hemoglobin_A1c_Hemoglobi
n_total_in_Blood
2672 procedures_lifetime_cost<=floor(medications_lifetime_cost)/medications_life
time_perc_covered
2673 procedures_lifetime_cost<=encounters_lifetime_total_cost*floor(Aspartate_am
inotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
2674 procedures_lifetime_cost<=log(medications_lifetime_cost)^mean_Leukocytes___
_volume__in_Blood_by_Automated_count
2675 procedures_lifetime_cost<=healthcare_expenses*procedures_lifetime
2676 procedures_lifetime_cost<=10^Potassium/imaging_studies_lifetime
2677 procedures_lifetime_cost<=1/2*Low_Density_Lipoprotein_Cholesterol*encounter

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s_lifetime_total_cost
2678 procedures_lifetime_cost<=Glucose*age^2
2679 procedures_lifetime_cost<=1/2*Glucose*encounters_lifetime_total_cost
2680 procedures_lifetime_cost<=Glucose*e^encounters_count
2681 procedures_lifetime_cost<=e^Carbon_Dioxide/healthcare_coverage
2682 procedures_lifetime_cost<=(log(Protein__Mass_volume__in_Serum,Plasma)/log(1
0))^encounters_count
2683 procedures_lifetime_cost<=(log(Estimated_Glomerular_Filtration_Rate)/log(10
))^QALY
2684 procedures_lifetime_cost<=10^active_conditions-
Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
2685 procedures_lifetime_cost<=10^active_conditions*Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood
2686 procedures_lifetime_cost<=(log(Hemoglobin__Mass_volume__in_Blood)/log(10))^
Diastolic_Blood_Pressure
2687 procedures_lifetime_cost<=e^active_conditions/imaging_studies_lifetime
2688 procedures_lifetime_cost<=encounters_lifetime_total_cost^2/DALY
2689 procedures_lifetime_cost<=(Triglycerides^2)^procedures_lifetime
2690 procedures_lifetime_cost<=10^medications_lifetime/medications_lifetime_perc
_covered
2691 procedures_lifetime_cost<=(log(medications_lifetime_cost)/log(10))^age
2692 procedures_lifetime_cost<=medications_lifetime_dispenses^2/num_allergies
2693 procedures_lifetime_cost<=(2*Creatinine)^Carbon_Dioxide
2694 procedures_lifetime_cost<=10^Aspartate_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma/healthcare_expenses
2695 procedures_lifetime_cost>=procedures_lifetime
2696 procedures_lifetime_cost>=4*procedures_lifetime^2
2697 procedures_lifetime_cost>=sqrt(healthcare_coverage)*procedures_lifetime
2698 procedures_lifetime_cost>=2*Sodium*procedures_lifetime
2699 procedures_lifetime_cost>=e^active_care_plans*procedures_lifetime
2700 procedures_lifetime_cost>=(lifetime_condition_length+1)*procedures_lifetime
2701
procedures_lifetime_cost>=(immunizations_lifetime_cost+1)*procedures_lifetime
2702 procedures_lifetime_cost>=lifetime_conditions*procedures_lifetime^2
2703 procedures_lifetime_cost>=procedures_lifetime^mean_Creatinine
2704 procedures_lifetime_cost>=procedures_lifetime^mean_Albumin__Mass_volume__in
_Serum,Plasma
2705 procedures_lifetime_cost>=(Platelet_distribution_width__Entitic_volume__in_
Blood_by_Automated_count+1)*procedures_lifetime
2706 procedures_lifetime_cost>=2*Systolic_Blood_Pressure*procedures_lifetime
2707 procedures_lifetime_cost>=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood-
healthcare_coverage
2708 procedures_lifetime_cost>=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood*proced
ures_lifetime
2709 procedures_lifetime_cost>=device_lifetime_length^2*mean_Potassium
2710 procedures_lifetime_cost>=Urea_Nitrogen^2*procedures_lifetime
2711 procedures_lifetime_cost>=Platelets___volume__in_Blood_by_Automated_count*
sqrt(device_lifetime_length)

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2712 procedures_lifetime_cost>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count-medications_lifetime_cost+1
2713 procedures_lifetime_cost>=(Platelets___volume__in_Blood_by_Automated_count+1)*procedures_lifetime
2714 procedures_lifetime_cost>=encounters_lifetime_total_cost*floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
2715 procedures_lifetime_cost>=2*age*procedures_lifetime
2716 procedures_lifetime_cost>=10^num_allergies-Glucose
2717 procedures_lifetime_cost>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count*num_allergies^2
2718 procedures_lifetime_cost>=lifetime_conditions^2*procedures_lifetime
2719 procedures_lifetime_cost>=floor(device_lifetime_length)^Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
2720 procedures_lifetime_cost>=Triglycerides*log(device_lifetime_length)
2721 procedures_lifetime_cost>=encounters_count^2-healthcare_coverage
2722 procedures_lifetime_cost>=2*encounters_count*procedures_lifetime
2723 procedures_lifetime_cost>=floor(encounters_lifetime_perc_covered)*medications_lifetime_cost
2724 procedures_lifetime_cost>=e^medications_active*procedures_lifetime
2725 procedures_lifetime_cost>=(1/2*procedures_lifetime)^FEV1_FVC
2726 procedures_lifetime_cost>=(1/2*procedures_lifetime)^Hemoglobin_gastrointestinal__Presence__in_Stool_by_Immunologic_method
2727 procedures_lifetime_cost>=Estimated_Glomerular_Filtration_Rate*procedures_lifetime^2
2728 procedures_lifetime_cost>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count*procedures_lifetime^2
2729
procedures_lifetime_cost>=Microalbumin_Creatinine_Ratio*procedures_lifetime^2
2730 procedures_lifetime_cost>=(Bilirubin_total__Mass_volume__in_Serum,Plasma-1)*medications_lifetime_cost
2731 procedures_lifetime_cost>=Estimated_Glomerular_Filtration_Rate^2-encounters_lifetime_total_cost
2732 QOLS<=mean_QOLS
2733 QOLS>=mean_QOLS
2734 QALY<=mean_QALY
2735 QALY>=mean_QALY
2736 DALY<=mean_DALY
2737 DALY<=encounters_lifetime_total_cost
2738 DALY>=mean_DALY
2739 Respiratory_rate<=healthcare_expenses
2740 Respiratory_rate<=maximum(encounters_count,mean_Respiratory_rate)
2741 Respiratory_rate<=active_care_plans+mean_Respiratory_rate
2742 Respiratory_rate<=(Heart_rate+1)/mean_Creatinine
2743 Respiratory_rate<=maximum(mean_Respiratory_rate,10^Creatinine)
2744 Respiratory_rate<=maximum(Sodium,mean_Respiratory_rate)
2745 Respiratory_rate<=DALY+mean_Respiratory_rate
2746 Respiratory_rate<=maximum(mean_Respiratory_rate,mean_Hemoglobin__Mass_volume__in_Blood)

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2747 Respiratory_rate<=mean_Respiratory_rate+procedures_lifetime_cost
 2748 Respiratory_rate<=ceil(Estimated_Glomerular_Filtration_Rate)
 2749 Respiratory_rate<=minimum(mean_Estimated_Glomerular_Filtration_Rate,floor(A
 spartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma))
 2750 Respiratory_rate<=maximum(lifetime_care_plan_length,mean_Respiratory_rate)
 2751 Respiratory_rate<=mean_Respiratory_rate/imaging_studies_lifetime
 2752 Respiratory_rate<=maximum(Triglycerides,mean_Respiratory_rate)
 2753 Respiratory_rate<=2*floor(mean_Calcium)
 2754 Respiratory_rate<=ceil(Potassium^2)
 2755 Respiratory_rate<=10^immunizations_lifetime+mean_Respiratory_rate
 2756 Respiratory_rate<=maximum(active_condition_length,mean_Respiratory_rate)
 2757 Respiratory_rate<=ceil(2*Urea_Nitrogen)
 2758 Respiratory_rate<=2*floor(Calcium)
 2759 Respiratory_rate<=(Chloride-1)/medications_active
 2760 Respiratory_rate<=-Carbon_Dioxide+e^Potassium
 2761 Respiratory_rate<=maximum(mean_Respiratory_rate,2*lifetime_conditions)
 2762 Respiratory_rate<=2*Triglycerides/mean_Urea_Nitrogen
 2763 Respiratory_rate<=Heart_rate^2/lifetime_care_plan_length
 2764 Respiratory_rate<=maximum(encounters_count,Microalbumin_Creatinine_Ratio)
 2765 Respiratory_rate<=Carbon_Dioxide-Creatinine
 2766 Respiratory_rate<=healthcare_coverage+mean_Respiratory_rate
 2767 Respiratory_rate>=longitude
 2768 Respiratory_rate>=-mean_Pain_severity___0_10_verbal_numeric_rating__Score__
 __Reported+mean_Respiratory_rate
 2769 Respiratory_rate>=minimum(Platelet_distribution_width__Entitic_volume__in_B
 lood_by_Automated_count,mean_Respiratory_rate)
 2770 Respiratory_rate>=ceil(sqrt(Systolic_Blood_Pressure))
 2771 Respiratory_rate>=floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_A
 utomated_count)
 2772 Respiratory_rate>=-active_care_plans+mean_Respiratory_rate
 2773 Respiratory_rate>=sqrt(device_lifetime_length)*procedures_lifetime
 2774 Respiratory_rate>=active_conditions-immunizations_lifetime_cost-1
 2775 Respiratory_rate>=floor(log(healthcare_coverage))
 2776 Respiratory_rate>=minimum(device_lifetime_length,mean_Respiratory_rate)
 2777 Respiratory_rate>=-healthcare_expenses
 2778 Respiratory_rate>=healthcare_expenses^longitude
 2779 Respiratory_rate>=Chloride/Urea_Nitrogen
 2780 Respiratory_rate>=Hemoglobin__Mass_volume__in_Blood-
 Leukocytes____volume__in_Blood_by_Automated_count
 2781 Respiratory_rate>=minimum(mean_Respiratory_rate,Pain_severity___0_10_verbal
 _numeric_rating__Score____Reported^2)
 2782 Respiratory_rate>=-encounters_lifetime_payer_coverage+mean_Respiratory_rate
 2783 Respiratory_rate>=minimum(mean_Respiratory_rate,e^num_allergies)
 2784 Respiratory_rate>=mean_Respiratory_rate-medications_active
 2785
 Respiratory_rate>=ceil(active_care_plan_length)/Microalbumin_Creatinine_Ratio
 2786 Respiratory_rate>=mean_Respiratory_rate^encounters_lifetime_perc_covered
 2787 Respiratory_rate>=-active_care_plans+lifetime_conditions

2788 Respiratory_rate>=lifetime_conditions^imaging_studies_lifetime
 2789 Respiratory_rate>=minimum(mean_Respiratory_rate,1/QOLS)
 2790 Respiratory_rate>=(MCH__Entitic_mass__by_Automated_count-1)^medications_lif
 etime_perc_covered
 2791 Respiratory_rate>=encounters_count-lifetime_condition_length
 2792 Respiratory_rate>=-encounters_count+floor(Urea_Nitrogen)
 2793 Respiratory_rate>=minimum(procedures_lifetime,mean_Respiratory_rate)
 2794 Respiratory_rate>=mean_Respiratory_rate-medications_lifetime
 2795 Respiratory_rate>=(Creatinine-1)^2
 2796 Respiratory_rate>=-healthcare_coverage+mean_Respiratory_rate
 2797 Respiratory_rate>=(10^healthcare_expenses)^longitude
 2798 Respiratory_rate>=10^QOLS+lifetime_care_plans
 2799 Respiratory_rate>=10^QOLS+num_allergies
 2800 Respiratory_rate>=sqrt(Body_Weight)+mean_Creatinine
 2801 Respiratory_rate>=minimum(mean_Respiratory_rate,10^device_lifetime_length)
 2802 Respiratory_rate>=floor(Ketones__Mass_volume__in_Urine_by_Test_strip)^imagi
 ng_studies_lifetime
 2803 Respiratory_rate>=minimum(mean_Respiratory_rate,1/encounters_lifetime_perc_
 covered)
 2804 Respiratory_rate>=minimum(mean_Respiratory_rate,10^immunizations_lifetime)
 2805 Respiratory_rate>=(-immunizations_lifetime)^Hemoglobin_A1c_Hemoglobin_total
 _in_Blood
 2806 Respiratory_rate>=minimum(mean_Respiratory_rate,1/DALY)
 2807 Respiratory_rate>=(1/2*QALY)^medications_lifetime_perc_covered
 2808 Respiratory_rate>=(1/Creatinine)^medications_active
 2809 Respiratory_rate>=Pain_severity___0_10_verbal_numeric_rating__Score____Repo
 rted^2-active_care_plans
 2810 Heart_rate<=healthcare_expenses
 2811 Heart_rate<=mean_Heart_rate+procedures_lifetime_cost
 2812 Heart_rate<=maximum(Glucose,mean_Heart_rate)
 2813 Heart_rate<=maximum(Triglycerides,mean_Heart_rate)
 2814 Heart_rate<=ceil(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
 d_count^2)
 2815 Heart_rate<=10^procedures_lifetime+mean_Heart_rate
 2816 Heart_rate<=healthcare_coverage+mean_Heart_rate
 2817 Heart_rate<=maximum(Sodium,mean_Heart_rate)
 2818 Heart_rate<=mean_Heart_rate+medications_lifetime
 2819 Heart_rate<=mean_Heart_rate/QOLS
 2820 Heart_rate<=maximum(mean_Heart_rate,Urea_Nitrogen^2)
 2821 Heart_rate<=active_care_plan_length+mean_Heart_rate
 2822 Heart_rate<=active_condition_length+mean_Heart_rate
 2823 Heart_rate<=e^sqrt(mean_Estimated_Glomerular_Filtration_Rate)
 2824 Heart_rate<=maximum(mean_Glucose,mean_Heart_rate)
 2825 Heart_rate<=-mean_Glucose+mean_Total_Cholesterol
 2826 Heart_rate<=Carbon_Dioxide^2/Potassium
 2827 Heart_rate<=encounters_lifetime_payer_coverage+mean_Heart_rate
 2828 Heart_rate<=mean_Heart_rate/encounters_lifetime_perc_covered
 2829 Heart_rate<=1/2*active_care_plan_length+mean_Heart_rate

2830 Heart_rate<=(Diastolic_Blood_Pressure-1)/medications_lifetime_perc_covered
 2831 Heart_rate<=2*Calcium+mean_Heart_rate
 2832 Heart_rate<=1/device_lifetime_length+Glucose
 2833 Heart_rate<=immunizations_lifetime_cost+mean_Heart_rate
 2834 Heart_rate<=maximum(medications_lifetime_cost,mean_Heart_rate)
 2835 Heart_rate<=Body_Height^2/encounters_count
 2836 Heart_rate<=maximum(mean_Heart_rate,active_care_plan_length^2)
 2837 Heart_rate<=maximum(mean_Heart_rate,1/device_lifetime_length)
 2838 Heart_rate<=floor(Low_Density_Lipoprotein_Cholesterol)+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2839 Heart_rate<=2*encounters_lifetime_total_cost/medications_lifetime
 2840 Heart_rate<=log(Total_Cholesterol)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2841 Heart_rate<=(2*Estimated_Glomerular_Filtration_Rate)^mean_Creatinine
 2842 Heart_rate>=latitude
 2843 Heart_rate>=ceil(2*Body_Mass_Index)
 2844 Heart_rate>=age-encounters_count+1
 2845 Heart_rate>=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*active_care_plans
 2846 Heart_rate>=sqrt(encounters_lifetime_perc_covered)*mean_Heart_rate
 2847 Heart_rate>=-healthcare_expenses
 2848 Heart_rate>=(High_Density_Lipoprotein_Cholesterol+1)/Creatinine
 2849 Heart_rate>=4*Pain_severity__0_10_verbal_numeric_rating__Score____Reported^2
 2850 Heart_rate>=sqrt(Platelets____volume__in_Blood_by_Automated_count)+Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 2851 Heart_rate>=-Creatinine+floor(active_condition_length)
 2852 Heart_rate>=-Respiratory_rate+ceil(age)
 2853 Heart_rate>=active_conditions^2-Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 2854 Heart_rate>=-active_condition_length+mean_Heart_rate
 2855 Heart_rate>=healthcare_expenses^longitude
 2856 Heart_rate>=-lifetime_care_plan_length+mean_Heart_rate
 2857 Heart_rate>=Sodium-mean_Glucose+1
 2858 Heart_rate>=floor(DALY)+medications_active
 2859 Heart_rate>=active_conditions^2-Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 2860 Heart_rate>=Diastolic_Blood_Pressure-mean_Estimated_Glomerular_Filtration_Rate+1
 2861 Heart_rate>=mean_Heart_rate^imaging_studies_lifetime
 2862 Heart_rate>=Carbon_Dioxide+e^num_allergies
 2863 Heart_rate>=mean_Heart_rate-medications_lifetime_cost
 2864 Heart_rate>=minimum(mean_Heart_rate,10^immunizations_lifetime)
 2865 Heart_rate>=sqrt(medications_lifetime_length)^imaging_studies_lifetime
 2866 Heart_rate>=minimum(mean_Heart_rate,e^medications_active)
 2867 Heart_rate>=minimum(mean_Heart_rate,1/DALY)
 2868 Heart_rate>=10^encounters_lifetime_perc_covered*active_conditions
 2869 Heart_rate>=minimum(encounters_count,ceil(QALY))
 2870 Heart_rate>=1/2*Diastolic_Blood_Pressure/Creatinine
 2871 Heart_rate>=-encounters_lifetime_payer_coverage+mean_Heart_rate

2872 Heart_rate>=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reporte
 d/Triglycerides
 2873
 Heart_rate>=2*Hemoglobin__Mass_volume__in_Blood/encounters_lifetime_perc_covered
 2874 Heart_rate>=1/2*e^mean_Creatinine
 2875 Heart_rate>=mean_Heart_rate^encounters_lifetime_perc_covered
 2876 Heart_rate>=(num_allergies+1)*Respiratory_rate
 2877 Heart_rate>=log(Urea_Nitrogen)^Creatinine
 2878 Heart_rate>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Heart_rate)
 2879 Heart_rate>=(Triglycerides+1)/Potassium
 2880 Heart_rate>=-Carbon_Dioxide+2*latitude
 2881 Heart_rate>=minimum(latitude,10^healthcare_expenses)
 2882 Heart_rate>=1/2*Sodium/active_care_plans
 2883 Heart_rate>=log(Total_Cholesterol)/encounters_lifetime_perc_covered
 2884 Heart_rate>=(Pain_severity___0_10_verbal_numeric_rating__Score___Reported-
 1)*longitude
 2885 Heart_rate>=-encounters_lifetime_perc_covered*longitude
 2886 Heart_rate>=-healthcare_coverage+mean_Heart_rate
 2887 Heart_rate>=1/2*imaging_studies_lifetime*mean_Triglycerides
 2888 Heart_rate>=Low_Density_Lipoprotein_Cholesterol*log(Pain_severity___0_10_ve
 rbal_numeric_rating__Score___Reported)/log(10)
 2889 Heart_rate>=ceil(Glucose)*encounters_lifetime_perc_covered
 2890 Systolic_Blood_Pressure<=healthcare_expenses
 2891
 Systolic_Blood_Pressure<=active_care_plan_length+mean_Systolic_Blood_Pressure
 2892
 Systolic_Blood_Pressure<=mean_Systolic_Blood_Pressure+medications_lifetime_cost
 2893 Systolic_Blood_Pressure<=maximum(lifetime_condition_length,mean_Systolic_Bl
 ood_Pressure)
 2894 Systolic_Blood_Pressure<=maximum(Sodium,mean_Systolic_Blood_Pressure)
 2895
 Systolic_Blood_Pressure<=active_condition_length+mean_Systolic_Blood_Pressure
 2896 Systolic_Blood_Pressure<=Diastolic_Blood_Pressure+ceil(Low_Density_Lipoprot
 ein_Cholesterol)
 2897 Systolic_Blood_Pressure<=10^medications_active+mean_Systolic_Blood_Pressure
 2898
 Systolic_Blood_Pressure<=maximum(Total_Cholesterol,mean_Systolic_Blood_Pressure)
 2899 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,2*lifetime_ca
 re_plan_length)
 2900
 Systolic_Blood_Pressure<=2*Estimated_Glomerular_Filtration_Rate+mean_Glucose
 2901 Systolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate*sqrt(lifetime
 _care_plan_length)
 2902 Systolic_Blood_Pressure<=1/2*medications_lifetime_dispenses/imaging_studies
 _lifetime
 2903 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,1/device_lif
 e_time_length)
 2904 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,encounters_co

unt²)
 2905 Systolic_Blood_Pressure<=MCV__Entitic_volume__by_Automated_count*e^encounte
 rs_lifetime_perc_covered
 2906 Systolic_Blood_Pressure<=(Chloride-1)/medications_lifetime_perc_covered
 2907 Systolic_Blood_Pressure<=Potassium^2*mean_Calcium
 2908 Systolic_Blood_Pressure<=log(Diastolic_Blood_Pressure)*mean_Diastolic_Blood
 _Pressure/log(10)
 2909 Systolic_Blood_Pressure<=2*Diastolic_Blood_Pressure-mean_Creatinine
 2910 Systolic_Blood_Pressure<=-active_care_plans+floor(Sodium)
 2911
 Systolic_Blood_Pressure<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Heart_rate
 2912 Systolic_Blood_Pressure<=High_Density_Lipoprotein_Cholesterol+1/2*Total_Cho
 lesterol
 2913
 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,Urea_Nitrogen^2)
 2914 Systolic_Blood_Pressure<=mean_Sodium-medications_active
 2915 Systolic_Blood_Pressure<=healthcare_coverage+mean_Systolic_Blood_Pressure
 2916 Systolic_Blood_Pressure>=latitude
 2917 Systolic_Blood_Pressure>=floor(mean_Glucose)-1
 2918
 Systolic_Blood_Pressure>=Body_Mass_Index+High_Density_Lipoprotein_Cholesterol-1
 2919 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,2*device_life
 time_length)
 2920
 Systolic_Blood_Pressure>=-lifetime_care_plan_length+mean_Systolic_Blood_Pressure
 2921
 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,10^num_allergies)
 2922
 Systolic_Blood_Pressure>=Carbon_Dioxide+Estimated_Glomerular_Filtration_Rate+1
 2923 Systolic_Blood_Pressure>=Creatinine^2+Diastolic_Blood_Pressure
 2924 Systolic_Blood_Pressure>=active_condition_length+e^Pain_severity___0_10_ver
 bal_numeric_rating__Score___Reported
 2925 Systolic_Blood_Pressure>=-healthcare_expenses
 2926 Systolic_Blood_Pressure>=minimum(lifetime_care_plan_length,ceil(Chloride))
 2927
 Systolic_Blood_Pressure>=-active_condition_length+mean_Systolic_Blood_Pressure
 2928 Systolic_Blood_Pressure>=2*ceil(DALY)
 2929 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,1/2*lifetime_
 care_plan_length)
 2930 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure-medications_lifetime
 2931 Systolic_Blood_Pressure>=1/2*lifetime_care_plans*procedures_lifetime
 2932 Systolic_Blood_Pressure>=sqrt(procedures_lifetime_cost)/mean_Potassium
 2933 Systolic_Blood_Pressure>=healthcare_expenses^longitude
 2934 Systolic_Blood_Pressure>=Platelet_mean_volume__Entitic_volume__in_Blood_by_
 Automated_count*sqrt(encounters_count)
 2935 Systolic_Blood_Pressure>=(DALY+1)*mean_Creatinine
 2936 Systolic_Blood_Pressure>=floor(Hematocrit__Volume_Fraction__of_Blood_by_Aut
 omated_count)*num_allergies

2937 Systolic_Blood_Pressure>=-encounters_lifetime_payer_coverage+mean_Systolic_Blood_Pressure
 2938 Systolic_Blood_Pressure>=(Urea_Nitrogen+1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2939 Systolic_Blood_Pressure>=-Microalbumin_Creatinine_Ratio+mean_Systolic_Blood_Pressure
 2940 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure^encounters_lifetime_perc_covered
 2941 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,e^medications_active)
 2942 Systolic_Blood_Pressure>=device_lifetime_length*floor(MCH__Entitic_mass__by_Automated_count)
 2943 Systolic_Blood_Pressure>=Leukocytes___volume__in_Blood_by_Automated_count+encounters_count+1
 2944 Systolic_Blood_Pressure>=sqrt(encounters_lifetime_perc_covered)*mean_Systolic_Blood_Pressure
 2945 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,1/DALY)
 2946 Systolic_Blood_Pressure>=Low_Density_Lipoprotein_Cholesterol-MCHC__Mass_volume__by_Automated_count+1
 2947 Systolic_Blood_Pressure>=(active_care_plans+1)*active_conditions
 2948 Systolic_Blood_Pressure>=log(Pain_severity___0_10_verbal_numeric_rating__Score___Reported)*mean_Diastolic_Blood_Pressure
 2949 Systolic_Blood_Pressure>=minimum(encounters_count,Glucose+1)
 2950 Systolic_Blood_Pressure>=-Respiratory_rate+mean_Systolic_Blood_Pressure
 2951 Systolic_Blood_Pressure>=minimum(Glucose,medications_lifetime-1)
 2952 Systolic_Blood_Pressure>=-High_Density_Lipoprotein_Cholesterol+floor(Low_Density_Lipoprotein_Cholesterol)
 2953 Systolic_Blood_Pressure>=mean_Microalbumin_Creatinine_Ratio^imaging_studies_lifetime
 2954
 Systolic_Blood_Pressure>=minimum(Low_Density_Lipoprotein_Cholesterol,2*QALY)
 2955 Systolic_Blood_Pressure>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported*floor(Body_Mass_Index)
 2956 Systolic_Blood_Pressure>=Body_Weight+Hemoglobin__Mass_volume__in_Blood-1
 2957 Systolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
 2958 Systolic_Blood_Pressure>=(medications_lifetime_perc_covered+1)*QALY
 2959 Systolic_Blood_Pressure>=-healthcare_coverage+mean_Systolic_Blood_Pressure
 2960 Systolic_Blood_Pressure>=Sodium*log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)/log(10)
 2961 Diastolic_Blood_Pressure<=healthcare_expenses
 2962
 Diastolic_Blood_Pressure<=2*lifetime_care_plans+mean_Diastolic_Blood_Pressure
 2963
 Diastolic_Blood_Pressure<=active_care_plan_length+mean_Diastolic_Blood_Pressure
 2964
 Diastolic_Blood_Pressure<=active_condition_length+mean_Diastolic_Blood_Pressure
 2965 Diastolic_Blood_Pressure<=Triglycerides-lifetime_conditions-1
 2966

Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,10^Creatinine)
 2967 Diastolic_Blood_Pressure<=healthcare_coverage+mean_Diastolic_Blood_Pressure
 2968 Diastolic_Blood_Pressure<=2*DALY+mean_Glucose
 2969 Diastolic_Blood_Pressure<=minimum(Platelet_distribution_width__Entitic_volu
 me__in_Blood_by_Automated_count,mean_Diastolic_Blood_Pressure)
 2970 Diastolic_Blood_Pressure<=Low_Density_Lipoprotein_Cholesterol*log(Carbon_Di
 oxide)/log(10)
 2971 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,mean_Microa
 lbumin_Creatinine_Ratio)
 2972
 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure+medications_lifetime
 2973 Diastolic_Blood_Pressure<=maximum(medications_lifetime_cost,mean_Diastolic_
 Blood_Pressure)
 2974 Diastolic_Blood_Pressure<=10^DALY*Microalbumin_Creatinine_Ratio
 2975 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,2*age)
 2976 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,10^active_c
 are_plans)
 2977 Diastolic_Blood_Pressure<=10^DALY*mean_Diastolic_Blood_Pressure
 2978 Diastolic_Blood_Pressure<=encounters_lifetime_payer_coverage+mean_Diastolic_
 _Blood_Pressure
 2979 Diastolic_Blood_Pressure<=log(Total_Cholesterol)^Hemoglobin_A1c_Hemoglobin_
 total_in_Blood
 2980 Diastolic_Blood_Pressure<=e^Pain_severity___0_10_verbal_numeric_rating__Sco
 re___Reported+mean_Diastolic_Blood_Pressure
 2981 Diastolic_Blood_Pressure<=10^immunizations_lifetime+mean_Diastolic_Blood_Pr
 essure
 2982 Diastolic_Blood_Pressure<=MCH__Entitic_mass__by_Automated_count^2/Leukocyte
 s___volume__in_Blood_by_Automated_count
 2983 Diastolic_Blood_Pressure<=maximum(medications_lifetime_dispenses,mean_Diast
 olic_Blood_Pressure)
 2984 Diastolic_Blood_Pressure<=active_conditions^2+mean_Diastolic_Blood_Pressure
 2985 Diastolic_Blood_Pressure<=10^Pain_severity___0_10_verbal_numeric_rating__Sc
 ore___Reported*mean_Diastolic_Blood_Pressure
 2986 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,e^medicatio
 ns_lifetime)
 2987 Diastolic_Blood_Pressure<=(Low_Density_Lipoprotein_Cholesterol-1)/imaging_s
 tudies_lifetime
 2988 Diastolic_Blood_Pressure<=(Heart_rate^2)^Creatinine
 2989
 Diastolic_Blood_Pressure<=e^medications_active+mean_Diastolic_Blood_Pressure
 2990 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure/encounters_lifetime
 _perc_covered
 2991 Diastolic_Blood_Pressure<=Body_Height^2/lifetime_care_plan_length
 2992 Diastolic_Blood_Pressure<=2*High_Density_Lipoprotein_Cholesterol/imaging_st
 udies_lifetime
 2993 Diastolic_Blood_Pressure>=latitude
 2994 Diastolic_Blood_Pressure>=-active_conditions+mean_Diastolic_Blood_Pressure
 2995 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure-

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medications_lifetime
2996 Diastolic_Blood_Pressure>=-encounters_lifetime_payer_coverage+mean_Diastolic_Blood_Pressure
2997
Diastolic_Blood_Pressure>=active_conditions*log(Microalbumin_Creatinine_Ratio)
2998 Diastolic_Blood_Pressure>=-healthcare_expenses
2999 Diastolic_Blood_Pressure>=(Erythrocytes___volume__in_Blood_by_Automated_count+1)*lifetime_conditions
3000 Diastolic_Blood_Pressure>=mean_High_Density_Lipoprotein_Cholesterol-1
3001 Diastolic_Blood_Pressure>=Calcium^2-mean_Body_Mass_Index
3002 Diastolic_Blood_Pressure>=healthcare_expenses^longitude
3003
Diastolic_Blood_Pressure>=-active_care_plan_length+mean_Diastolic_Blood_Pressure
3004 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3005 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure^encounters_lifetime_perc_covered
3006
Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,-Triglycerides)
3007 Diastolic_Blood_Pressure>=ceil(mean_High_Density_Lipoprotein_Cholesterol-1)
3008
Diastolic_Blood_Pressure>=-Glucose+floor(Low_Density_Lipoprotein_Cholesterol)
3009 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure-procedures_lifetime_cost
3010 Diastolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
3011 Diastolic_Blood_Pressure>=sqrt(active_conditions)^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
3012 Diastolic_Blood_Pressure>=minimum(active_care_plan_length,mean_Diastolic_Blood_Pressure)
3013 Diastolic_Blood_Pressure>=minimum(QALY,mean_Diastolic_Blood_Pressure)
3014 Diastolic_Blood_Pressure>=active_conditions*log(latitude)
3015 Diastolic_Blood_Pressure>=sqrt(Low_Density_Lipoprotein_Cholesterol)*active_care_plans
3016 Diastolic_Blood_Pressure>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Diastolic_Blood_Pressure)
3017 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,e^medications_active)
3018 Diastolic_Blood_Pressure>=-Heart_rate+floor(Sodium)
3019 Diastolic_Blood_Pressure>=minimum(mean_Glucose,e^device_lifetime_length)
3020 Diastolic_Blood_Pressure>=1/2*Heart_rate+mean_Carbon_Dioxide
3021 Diastolic_Blood_Pressure>=(Creatinine-1)*DALY
3022 Diastolic_Blood_Pressure>=sqrt(Estimated_Glomerular_Filtration_Rate)+QALY
3023
Diastolic_Blood_Pressure>=floor(High_Density_Lipoprotein_Cholesterol)/Creatinine
3024 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,procedures_lifetime^2)
3025
Diastolic_Blood_Pressure>=-healthcare_coverage+mean_Diastolic_Blood_Pressure

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3026 Diastolic_Blood_Pressure>=Low_Density_Lipoprotein_Cholesterol*log(Pain_seve
 rity___0_10_verbal_numeric_rating__Score____Reported)/log(10)
 3027 Diastolic_Blood_Pressure>=ceil(Microalbumin_Creatinine_Ratio)^imaging_studi
 es_lifetime
 3028 Diastolic_Blood_Pressure>=ceil(Glucose)-lifetime_condition_length
 3029 Body_Mass_Index<=healthcare_expenses
 3030 Body_Mass_Index<=ceil(mean_Body_Mass_Index)
 3031 Body_Mass_Index<=maximum(active_care_plan_length,mean_Body_Mass_Index)
 3032 Body_Mass_Index<=mean_Body_Mass_Index/imaging_studies_lifetime
 3033 Body_Mass_Index<=maximum(encounters_count,mean_Body_Mass_Index)
 3034 Body_Mass_Index<=maximum(Sodium,mean_Body_Mass_Index)
 3035 Body_Mass_Index<=maximum(age,mean_Body_Mass_Index)
 3036 Body_Mass_Index<=immunizations_lifetime+mean_Body_Mass_Index
 3037 Body_Mass_Index<=1/Creatinine+mean_Body_Mass_Index
 3038 Body_Mass_Index<=ceil(Sodium)/Creatinine
 3039 Body_Mass_Index<=minimum(Platelet_distribution_width__Entitic_volume__in_Bl
 ood_by_Automated_count,mean_Body_Mass_Index)
 3040 Body_Mass_Index<=mean_Body_Mass_Index+medications_active
 3041 Body_Mass_Index<=maximum(active_condition_length,mean_Body_Mass_Index)
 3042 Body_Mass_Index<=healthcare_coverage+mean_Body_Mass_Index
 3043 Body_Mass_Index<=active_care_plans+mean_Body_Mass_Index
 3044 Body_Mass_Index<=mean_Body_Mass_Index+procedures_lifetime
 3045 Body_Mass_Index<=mean_Body_Mass_Index/QOLS
 3046 Body_Mass_Index<=maximum(QALY,mean_Body_Mass_Index)
 3047 Body_Mass_Index<=Pain_severity___0_10_verbal_numeric_rating__Score____Repor
 ted+mean_Body_Mass_Index
 3048 Body_Mass_Index<=maximum(Triglycerides,mean_Body_Mass_Index)
 3049 Body_Mass_Index<=maximum(mean_Body_Mass_Index,e^active_care_plans)
 3050 Body_Mass_Index<=maximum(mean_Body_Mass_Index,10^Creatinine)
 3051 Body_Mass_Index<=1/2*Diastolic_Blood_Pressure-lifetime_care_plans
 3052 Body_Mass_Index<=QALY+ceil(Potassium)
 3053 Body_Mass_Index>=longitude
 3054 Body_Mass_Index>=-encounters_lifetime_perc_covered+mean_Body_Mass_Index
 3055 Body_Mass_Index>=-immunizations_lifetime+mean_Body_Mass_Index
 3056 Body_Mass_Index>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
 d_count+lifetime_care_plans
 3057 Body_Mass_Index>=healthcare_expenses^longitude
 3058 Body_Mass_Index>=-QOLS+mean_Body_Mass_Index
 3059 Body_Mass_Index>=mean_Body_Mass_Index-medications_lifetime
 3060 Body_Mass_Index>=mean_Body_Mass_Index-medications_active
 3061 Body_Mass_Index>=minimum(procedures_lifetime,mean_Body_Mass_Index)
 3062 Body_Mass_Index>=-healthcare_expenses
 3063 Body_Mass_Index>=mean_Body_Mass_Index^QOLS
 3064 Body_Mass_Index>=log(encounters_lifetime_perc_covered)/log(10)+mean_Body_Ma
 ss_Index
 3065 Body_Mass_Index>=10^imaging_studies_lifetime+Urea_Nitrogen
 3066 Body_Mass_Index>=-Pain_severity___0_10_verbal_numeric_rating__Score____Repo
 rted+mean_Body_Mass_Index

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3067 Body_Mass_Index>=Carbon_Dioxide^imaging_studies_lifetime
3068 Body_Mass_Index>=minimum(mean_Body_Mass_Index,10^immunizations_lifetime)
3069 Body_Mass_Index>=minimum(Carbon_Dioxide,mean_Body_Mass_Index)
3070 Body_Mass_Index>=floor(High_Density_Lipoprotein_Cholesterol)/Hemoglobin_A1c
_Hemoglobin_total_in_Blood
3071 Body_Mass_Index>=-healthcare_coverage+mean_Body_Mass_Index
3072 Body_Mass_Index>=-active_care_plans+mean_Body_Mass_Index
3073 Body_Mass_Index>=-active_conditions+mean_Body_Mass_Index
3074 Body_Mass_Index>=minimum(device_lifetime_length,mean_Body_Mass_Index)
3075 Body_Mass_Index>=-encounters_lifetime_payer_coverage+mean_Body_Mass_Index
3076 Body_Mass_Index>=mean_Body_Mass_Index^encounters_lifetime_perc_covered
3077 Body_Mass_Index>=minimum(mean_Body_Mass_Index,mean_Calcium)
3078 Body_Mass_Index>=minimum(mean_Body_Mass_Index,mean_Hemoglobin_A1c_Hemoglobi
n_total_in_Blood)
3079 Body_Mass_Index>=log(medications_lifetime_cost)*mean_Creatinine/log(10)
3080 Body_Mass_Index>=(10^healthcare_expenses)^longitude
3081 Body_Mass_Index>=minimum(mean_Body_Mass_Index,1/2*Estimated_Glomerular_Filt
ration_Rate)
3082 Body_Mass_Index>=minimum(mean_Body_Mass_Index,10^device_lifetime_length)
3083 Body_Mass_Index>=active_care_plans*log(encounters_lifetime_payer_coverage)/
log(10)
3084 Body_Mass_Index>=minimum(mean_Body_Mass_Index,e^medications_active)
3085 Body_Mass_Index>=minimum(mean_Body_Mass_Index,e^Pain_severity___0_10_verbal
_numeric_rating__Score___Reported)
3086 Body_Mass_Index>=minimum(mean_Body_Mass_Index,-Triglycerides)
3087 Body_Weight<=healthcare_expenses
3088 Body_Weight<=2*QOLS+mean_Body_Weight
3089 Body_Weight<=Low_Density_Lipoprotein_Cholesterol+log(Estimated_Glomerular_F
iltration_Rate)
3090 Body_Weight<=maximum(lifetime_care_plan_length,mean_Body_Weight)
3091 Body_Weight<=Chloride-1
3092 Body_Weight<=active_care_plans+mean_Body_Weight
3093 Body_Weight<=maximum(encounters_count,mean_Body_Weight)
3094 Body_Weight<=healthcare_coverage+mean_Body_Weight
3095 Body_Weight<=mean_Body_Weight/imaging_studies_lifetime
3096 Body_Weight<=immunizations_lifetime+mean_Body_Weight
3097 Body_Weight<=mean_Body_Weight+procedures_lifetime
3098 Body_Weight<=Pain_severity___0_10_verbal_numeric_rating__Score___Reported+
mean_Body_Weight
3099 Body_Weight<=maximum(Low_Density_Lipoprotein_Cholesterol,mean_Body_Weight)
3100 Body_Weight<=maximum(Sodium,mean_Body_Weight)
3101 Body_Weight<=maximum(mean_Body_Weight,1/device_lifetime_length)
3102 Body_Weight<=Chloride^2/mean_Glucose
3103 Body_Weight>=latitude
3104 Body_Weight>=-active_care_plans+mean_Body_Weight
3105 Body_Weight>=-active_conditions+mean_Body_Weight
3106 Body_Weight>=-encounters_lifetime_payer_coverage+mean_Body_Weight
3107 Body_Weight>=mean_Body_Weight^encounters_lifetime_perc_covered

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3108 Body_Weight>=mean_Body_Weight~imaging_studies_lifetime
3109 Body_Weight>=-healthcare_expenses
3110 Body_Weight>=ceil(High_Density_Lipoprotein_Cholesterol)
3111 Body_Weight>=mean_Body_Weight-procedures_lifetime
3112 Body_Weight>=-immunizations_lifetime_cost+mean_Body_Weight
3113 Body_Weight>=minimum(age,mean_Body_Weight)
3114 Body_Weight>=mean_Body_Weight-medications_lifetime
3115 Body_Weight>=mean_Body_Weight~QOLS
3116 Body_Weight>=mean_Body_Weight-medications_active
3117 Body_Weight>=minimum(Heart_rate,mean_Body_Weight)
3118 Body_Weight>=healthcare_expenses~longitude
3119 Body_Weight>=minimum(Diastolic_Blood_Pressure,mean_Body_Weight)
3120 Body_Weight>=minimum(mean_Body_Weight,1/2*Body_Height)
3121 Body_Weight>=floor(mean_Body_Weight)-1
3122
Body_Weight>=minimum(MCV__Entitic_volume__by_Automated_count,mean_Body_Weight)
3123 Body_Weight>=minimum(mean_Body_Weight,mean_Calcium)
3124
Body_Weight>=minimum(mean_Body_Weight,mean_Estimated_Glomerular_Filtration_Rate)
3125 Body_Weight>=minimum(latitude,10^healthcare_expenses)
3126 Body_Weight>=Urea_Nitrogen*sqrt(active_conditions)
3127 Body_Weight>=minimum(mean_Body_Weight,10^device_lifetime_length)
3128 Body_Weight>=(medications_lifetime+1)/mean_Respiratory_rate
3129 Body_Weight>=minimum(mean_Body_Weight,e^Hemoglobin_A1c_Hemoglobin_total_in_
Blood)
3130 Body_Weight>=-healthcare_coverage+mean_Body_Weight
3131 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=healthcare_e
xpenses
3132 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=healthcare_c
overage+lifetime_conditions
3133 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(life
time_care_plans,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Report
ed)
3134 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Hemoglobin_A
1c_Hemoglobin_total_in_Blood
3135 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported+1
3136 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported/imaging_studies_lifetime
3137 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*mean_Pain_
severity___0_10_verbal_numeric_rating__Score____Reported
3138 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Hemogl
obin_A1c_Hemoglobin_total_in_Blood)
3139 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported/medications_lifetime_perc
_covered
3140 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(log(lat
itude))

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3141 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medications_active/imaging_studies_lifetime
 3142 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported+medications_active
 3143
 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Potassium)
 3144 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_plans/imaging_studies_lifetime
 3145 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(1/device_lifetime_length)
 3146 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Leukocytes___volume__in_Blood_by_Automated_count)
 3147 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=encounters_count+procedures_lifetime
 3148 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported,e^Creatinine)
 3149 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Microalbumin_Creatinine_Ratio)
 3150 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Creatinine)+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 3151 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)+1
 3152 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=sqrt(QALY)-Creatinine
 3153 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=encounters_count+immunizations_lifetime_cost
 3154 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=immunizations_lifetime_cost/medications_lifetime_perc_covered
 3155 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(DALY+1)*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 3156 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(Estimated_Glomerular_Filtration_Rate,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
 3157 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-active_care_plans
 3158 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_plans+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 3159
 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Carbon_Dioxide-lifetime_conditions-1
 3160 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*Erythrocytes___volume__in_Blood_by_Automated_count*QOLS
 3161 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported,medications_active^2)
 3162 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude
 3163 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=imaging_studies_lifetime

3164 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-healthcare_expenses

3165

Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*num_allergies

3166 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(num_allergies,DALY)

3167 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_care_plans+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported

3168 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=healthcare_expenses^longitude

3169 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(num_allergies,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)

3170 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported+num_allergies

3171 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-healthcare_coverage+lifetime_conditions

3172 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_condition_length+lifetime_care_plans

3173 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_care_plans-encounters_lifetime_payer_coverage

3174 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported-medications_lifetime

3175 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Microalbumin_Creatinine_Ratio+log(Body_Mass_Index)

3176 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Triglycerides)

3177 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Diastolic_Blood_Pressure+ceil(active_care_plan_length)

3178 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Estimated_Glomerular_Filtration_Rate+lifetime_conditions

3179 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(1/2*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)

3180 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(QOLS)*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported

3181 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported^Lymph_nodes_with_isolated_tumor_cells_____in_Cancer_specimen_by_Light_microscopy

3182 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(log(device_lifetime_length)/log(10))

3183 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(Low_Density_Lipoprotein_Cholesterol)-Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count

3184 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Diastolic_Blood_Pressure+ceil(QALY)

3185 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Estimated_Glomerular_Filtration_Rate)

3186 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=e^medication

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s_active=mean_Estimated_Glomerular_Filtration_Rate
3187 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(-procedures
_lifetime)^mean_High_Density_Lipoprotein_Cholesterol
3188 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(10^healthca
re_expenses)^longitude
3189 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(immunizatio
ns_lifetime-1)*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reporte
d
3190 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(mean
_Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Hemoglobin_A1c_H
emoglobin_total_in_Blood)
3191 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Estimated_G
lomerular_Filtration_Rate+Urea_Nitrogen
3192 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(encoun
ters_lifetime_perc_covered)*mean_Pain_severity___0_10_verbal_numeric_rating__Sco
re____Reported
3193 Body_Height<=healthcare_expenses
3194 Body_Height<=ceil(mean_Body_Height)
3195 Body_Height<=healthcare_coverage+mean_Body_Height
3196 Body_Height<=active_care_plans+mean_Body_Height
3197 Body_Height<=active_conditions+mean_Body_Height
3198 Body_Height<=encounters_lifetime_payer_coverage+mean_Body_Height
3199 Body_Height<=mean_Body_Height/encounters_lifetime_perc_covered
3200 Body_Height<=1/healthcare_expenses+mean_Body_Height
3201 Body_Height<=mean_Body_Height/imaging_studies_lifetime
3202 Body_Height<=immunizations_lifetime+mean_Body_Height
3203 Body_Height<=mean_Body_Height+medications_lifetime
3204 Body_Height<=maximum(medications_lifetime_cost,mean_Body_Height)
3205 Body_Height<=maximum(medications_lifetime_dispenses,mean_Body_Height)
3206 Body_Height<=mean_Body_Height+procedures_lifetime
3207 Body_Height<=mean_Body_Height/QOLS
3208 Body_Height<=maximum(mean_Body_Height,10^active_care_plans)
3209 Body_Height<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+
mean_Body_Height
3210 Body_Height<=maximum(Total_Cholesterol,mean_Body_Height)
3211 Body_Height<=maximum(Platelet_distribution_width__Entitic_volume__in_Blood_
by_Automated_count,mean_Body_Height)
3212 Body_Height>=latitude
3213 Body_Height>=floor(mean_Body_Height)
3214 Body_Height>=healthcare_expenses^longitude
3215 Body_Height>=1/longitude+mean_Body_Height
3216 Body_Height>=-immunizations_lifetime+mean_Body_Height
3217 Body_Height>=-healthcare_coverage+mean_Body_Height
3218 Body_Height>=-active_care_plans+mean_Body_Height
3219 Body_Height>=minimum(lifetime_care_plan_length,mean_Body_Height)
3220 Body_Height>=-active_conditions+mean_Body_Height
3221 Body_Height>=-healthcare_expenses
3222 Body_Height>=-encounters_lifetime_payer_coverage+mean_Body_Height

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3223 Body_Height>=mean_Body_Height^encounters_lifetime_perc_covered
3224 Body_Height>=minimum(mean_Body_Height,mean_Calcium)
3225 Body_Height>=minimum(immunizations_lifetime_cost,mean_Body_Height)
3226 Body_Height>=mean_Body_Height-medications_lifetime
3227 Body_Height>=mean_Body_Height-medications_lifetime_perc_covered
3228 Body_Height>=mean_Body_Height-procedures_lifetime
3229 Body_Height>=minimum(mean_Body_Height,10^medications_active)
3230 Body_Height>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_
by_Automated_count,mean_Body_Height)
3231 Body_Height>=minimum(Microalbumin_Creatinine_Ratio,mean_Body_Height)
3232
Body_Height>=minimum(mean_Body_Height,mean_Estimated_Glomerular_Filtration_Rate)
3233 Body_Height>=minimum(latitude,10^healthcare_expenses)
3234 Body_Height>=minimum(mean_Body_Height,2*Body_Weight)
3235 Triglycerides<=healthcare_expenses
3236 Triglycerides<=1/2*latitude+mean_Triglycerides
3237 Triglycerides<=lifetime_care_plan_length+mean_Triglycerides
3238 Triglycerides<=maximum(mean_Triglycerides,10^active_conditions)
3239 Triglycerides<=Sodium+e^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
3240
Triglycerides<=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean_Triglycerides
3241 Triglycerides<=mean_Triglycerides/encounters_lifetime_perc_covered
3242 Triglycerides<=mean_Triglycerides/imaging_studies_lifetime
3243 Triglycerides<=maximum(medications_lifetime_cost,mean_Triglycerides)
3244 Triglycerides<=maximum(medications_lifetime_dispenses,mean_Triglycerides)
3245 Triglycerides<=Body_Height+Estimated_Glomerular_Filtration_Rate-1
3246 Triglycerides<=maximum(mean_Triglycerides,e^active_conditions)
3247 Triglycerides<=maximum(mean_Triglycerides,1/num_allergies)
3248 Triglycerides<=mean_Estimated_Glomerular_Filtration_Rate+mean_Triglycerides
3249 Triglycerides<=(log(healthcare_expenses)/log(10))^Hemoglobin_A1c_Hemoglobin
_total_in_Blood
3250 Triglycerides<=e^Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
d_count/Heart_rate
3251 Triglycerides<=10^mean_Pain_severity__0_10_verbal_numeric_rating__Score___
_Reported*mean_Triglycerides
3252 Triglycerides<=maximum(mean_Total_Cholesterol,mean_Triglycerides)
3253 Triglycerides<=mean_Respiratory_rate^2/imaging_studies_lifetime
3254 Triglycerides<=Body_Height^2/Microalbumin_Creatinine_Ratio
3255 Triglycerides<=(2*active_care_plans)^Potassium
3256 Triglycerides<=maximum(mean_Triglycerides,10^Microalbumin_Creatinine_Ratio)
3257 Triglycerides<=ceil(mean_Triglycerides)/QOLS
3258 Triglycerides<=10^immunizations_lifetime_cost+Body_Height
3259 Triglycerides<=DALY^2+mean_Triglycerides
3260 Triglycerides<=maximum(mean_Triglycerides,Respiratory_rate^2)
3261 Triglycerides<=maximum(mean_Triglycerides,1/2*Platelet_distribution_width__
Entitic_volume__in_Blood_by_Automated_count)
3262 Triglycerides<=Calcium*e^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
3263 Triglycerides>=latitude

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3264 Triglycerides>=(10^encounters_lifetime_perc_covered)^mean_Creatinine
3265 Triglycerides>=mean_Triglycerides^QOLS
3266 Triglycerides>=-active_care_plan_length+mean_Triglycerides
3267 Triglycerides>=-Respiratory_rate+mean_Triglycerides+1
3268 Triglycerides>=ceil(mean_Chloride)-procedures_lifetime
3269 Triglycerides>=-immunizations_lifetime_cost+mean_Triglycerides
3270 Triglycerides>=minimum(mean_Triglycerides,mean_Urea_Nitrogen)
3271 Triglycerides>=minimum(mean_Triglycerides,e^Hemoglobin_A1c_Hemoglobin_total
_in_Blood)
3272 Triglycerides>=mean_Triglycerides^encounters_lifetime_perc_covered
3273 Triglycerides>=-healthcare_expenses
3274 Triglycerides>=Glucose^2/mean_Heart_rate
3275 Triglycerides>=minimum(latitude,10^healthcare_expenses)
3276 Triglycerides>=-mean_Heart_rate+mean_Microalbumin_Creatinine_Ratio-1
3277 Triglycerides>=minimum(mean_Triglycerides,1/Pain_severity___0_10_verbal_num
eric_rating__Score___Reported)
3278
Triglycerides>=active_condition_length^2/MCHC__Mass_volume__by_Automated_count
3279 Triglycerides>=Estimated_Glomerular_Filtration_Rate*e^num_allergies
3280 Triglycerides>=healthcare_expenses^longitude
3281 Triglycerides>=Diastolic_Blood_Pressure+lifetime_conditions+1
3282 Triglycerides>=minimum(mean_Triglycerides,1/2*lifetime_care_plan_length)
3283 Triglycerides>=(2*Total_Cholesterol)^medications_lifetime_perc_covered
3284 Triglycerides>=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated
_count+mean_Triglycerides-1
3285 Triglycerides>=minimum(mean_Sodium,10^device_lifetime_length)
3286 Triglycerides>=10^immunizations_lifetime*Creatinine
3287 Triglycerides>=minimum(mean_Triglycerides,2*Estimated_Glomerular_Filtration
_Rate)
3288
Triglycerides>=10^medications_active/mean_Estimated_Glomerular_Filtration_Rate
3289 Triglycerides>=minimum(mean_Triglycerides,1/medications_active)
3290 Low_Density_Lipoprotein_Cholesterol<=healthcare_expenses
3291 Low_Density_Lipoprotein_Cholesterol<=maximum(Body_Height,mean_Low_Density_L
ipoprotein_Cholesterol)
3292 Low_Density_Lipoprotein_Cholesterol<=Carbon_Dioxide+mean_Systolic_Blood_Pre
ssure-1
3293 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_C
holesterol,Urea_Nitrogen^2)
3294 Low_Density_Lipoprotein_Cholesterol<=mean_Low_Density_Lipoprotein_Cholester
ol/QOLS
3295 Low_Density_Lipoprotein_Cholesterol<=Sodium+procedures_lifetime_cost
3296 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_C
holesterol,1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automate
d_count)
3297 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_C
holesterol,mean_Glomerular_filtration_rate_1_73_sq_M_predicted)
3298 Low_Density_Lipoprotein_Cholesterol<=active_care_plan_length+mean_Low_Densi

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ty_Lipoprotein_Cholesterol
 3299 Low_Density_Lipoprotein_Cholesterol<=(Potassium+1)^Hemoglobin_A1c_Hemoglobi
 n_total_in_Blood
 3300 Low_Density_Lipoprotein_Cholesterol<=Estimated_Glomerular_Filtration_Rate*s
 qrt(encounters_count)
 3301 Low_Density_Lipoprotein_Cholesterol<=maximum(Triglycerides,mean_Low_Density
 _Lipoprotein_Cholesterol)
 3302 Low_Density_Lipoprotein_Cholesterol<=(procedures_lifetime_cost-1)^mean_Crea
 tinine
 3303 Low_Density_Lipoprotein_Cholesterol<=mean_Low_Density_Lipoprotein_Cholester
 ol/imaging_studies_lifetime
 3304 Low_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime_cost,mean
 _Low_Density_Lipoprotein_Cholesterol)
 3305 Low_Density_Lipoprotein_Cholesterol<=(mean_Potassium+1)^mean_Hemoglobin_A1c
 _Hemoglobin_total_in_Blood
 3306 Low_Density_Lipoprotein_Cholesterol<=Chloride+lifetime_care_plan_length-1
 3307 Low_Density_Lipoprotein_Cholesterol<=mean_Low_Density_Lipoprotein_Cholester
 ol/encounters_lifetime_perc_covered
 3308 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_C
 holesterol,e^active_conditions)
 3309 Low_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime_dispenses
 ,mean_Low_Density_Lipoprotein_Cholesterol)
 3310 Low_Density_Lipoprotein_Cholesterol<=QALY+Systolic_Blood_Pressure
 3311 Low_Density_Lipoprotein_Cholesterol<=2*mean_Creatinine*mean_Diastolic_Blood
 _Pressure
 3312 Low_Density_Lipoprotein_Cholesterol<=log(latitude)^Potassium
 3313 Low_Density_Lipoprotein_Cholesterol<=Hematocrit__Volume_Fraction__of_Blood_
 by_Automated_count*log(latitude)
 3314 Low_Density_Lipoprotein_Cholesterol<=log(Hemoglobin__Mass_volume__in_Blood)
 ^Erythrocytes___volume__in_Blood_by_Automated_count
 3315 Low_Density_Lipoprotein_Cholesterol<=mean_Estimated_Glomerular_Filtration_R
 ate*sqrt(mean_High_Density_Lipoprotein_Cholesterol)
 3316 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_C
 holesterol,1/device_lifetime_length)
 3317 Low_Density_Lipoprotein_Cholesterol>=latitude
 3318 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,mean_Potassium)
 3319 Low_Density_Lipoprotein_Cholesterol>=-lifetime_care_plan_length+mean_Low_De
 nsity_Lipoprotein_Cholesterol
 3320 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
 3321 Low_Density_Lipoprotein_Cholesterol>=minimum(Heart_rate,mean_Low_Density_Li
 poprotein_Cholesterol)
 3322 Low_Density_Lipoprotein_Cholesterol>=(Microalbumin_Creatinine_Ratio-1)*enco
 unters_lifetime_perc_covered
 3323 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,1/medications_active)
 3324 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C

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holesterol,1/2*mean_Triglycerides)
3325 Low_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
3326 Low_Density_Lipoprotein_Cholesterol>=minimum(age,mean_Low_Density_Lipoprotein_Cholesterol)
3327 Low_Density_Lipoprotein_Cholesterol>=-Chloride+Total_Cholesterol-1
3328 Low_Density_Lipoprotein_Cholesterol>=-Chloride+mean_Microalbumin_Creatinine_Ratio-1
3329 Low_Density_Lipoprotein_Cholesterol>=DALY*log(MCV__Entitic_volume__by_Automated_count)
3330 Low_Density_Lipoprotein_Cholesterol>=(mean_Microalbumin_Creatinine_Ratio+1)^imaging_studies_lifetime
3331 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol^encounters_lifetime_perc_covered
3332 Low_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
3333 Low_Density_Lipoprotein_Cholesterol>=minimum(Body_Weight,mean_Low_Density_Lipoprotein_Cholesterol)
3334 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol^QOLS
3335
Low_Density_Lipoprotein_Cholesterol>=minimum(latitude,10^healthcare_expenses)
3336 Low_Density_Lipoprotein_Cholesterol>=1/2*longitude+mean_Low_Density_Lipoprotein_Cholesterol
3337 Low_Density_Lipoprotein_Cholesterol>=sqrt(immunizations_lifetime_cost)+Glomerular_filtration_rate_1_73_sq_M_predicted
3338 Low_Density_Lipoprotein_Cholesterol>=(encounters_count+1)/Creatinine
3339 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,1/2*lifetime_care_plan_length)
3340
Low_Density_Lipoprotein_Cholesterol>=sqrt(mean_Sodium)^immunizations_lifetime
3341 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,Calcium^2)
3342 Low_Density_Lipoprotein_Cholesterol>=-Microalbumin_Creatinine_Ratio+mean_Low_Density_Lipoprotein_Cholesterol+1
3343
Low_Density_Lipoprotein_Cholesterol>=active_care_plans*sqrt(encounters_count)
3344 Low_Density_Lipoprotein_Cholesterol>=1/2*Calcium*lifetime_conditions
3345 Low_Density_Lipoprotein_Cholesterol>=-Systolic_Blood_Pressure+Total_Cholesterol+1
3346 Low_Density_Lipoprotein_Cholesterol>=(Body_Weight-1)/mean_Creatinine
3347 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,procedures_lifetime^2)
3348
Low_Density_Lipoprotein_Cholesterol>=log(mean_Respiratory_rate)^mean_Creatinine
3349 Low_Density_Lipoprotein_Cholesterol>=ceil(Estimated_Glomerular_Filtration_Rate)/DALY
3350 High_Density_Lipoprotein_Cholesterol<=healthcare_expenses
3351 High_Density_Lipoprotein_Cholesterol<=e^Creatinine+mean_High_Density_Lipoprotein_Cholesterol

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3352 High_Density_Lipoprotein_Cholesterol<=maximum(Sodium,mean_High_Density_Lipo
 protein_Cholesterol)
 3353 High_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Chole
 sterol,mean_High_Density_Lipoprotein_Cholesterol)
 3354 High_Density_Lipoprotein_Cholesterol<=mean_Diastolic_Blood_Pressure+1
 3355 High_Density_Lipoprotein_Cholesterol<=active_care_plan_length+mean_High_Den
 sity_Lipoprotein_Cholesterol
 3356 High_Density_Lipoprotein_Cholesterol<=-DALY+MCV__Entitic_volume__by_Automat
 ed_count-1
 3357 High_Density_Lipoprotein_Cholesterol<=log(encounters_lifetime_payer_coverag
 e)/log(10)+Diastolic_Blood_Pressure
 3358 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein
 _Cholesterol,Urea_Nitrogen^2)
 3359 High_Density_Lipoprotein_Cholesterol<=10^DALY*mean_High_Density_Lipoprotein
 _Cholesterol
 3360 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein
 _Cholesterol,10^Microalbumin_Creatinine_Ratio)
 3361 High_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime_cost,mea
 n_High_Density_Lipoprotein_Cholesterol)
 3362 High_Density_Lipoprotein_Cholesterol<=mean_High_Density_Lipoprotein_Cholest
 erol/encounters_lifetime_perc_covered
 3363 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein
 _Cholesterol,medications_lifetime^2)
 3364 High_Density_Lipoprotein_Cholesterol<=sqrt(Heart_rate)+mean_High_Density_Li
 poprotein_Cholesterol
 3365 High_Density_Lipoprotein_Cholesterol<=mean_Chloride^2/mean_Microalbumin_Cre
 atinine_Ratio
 3366 High_Density_Lipoprotein_Cholesterol<=maximum(Systolic_Blood_Pressure,mean_
 High_Density_Lipoprotein_Cholesterol)
 3367 High_Density_Lipoprotein_Cholesterol<=log(Platelet_mean_volume__Entitic_vol
 ume__in_Blood_by_Automated_count)/log(10)+mean_High_Density_Lipoprotein_Choleste
 rol
 3368 High_Density_Lipoprotein_Cholesterol<=Body_Weight*sqrt(Creatinine)
 3369
 High_Density_Lipoprotein_Cholesterol<=Calcium*floor(active_care_plan_length)
 3370
 High_Density_Lipoprotein_Cholesterol<=-Diastolic_Blood_Pressure+2*mean_Glucose
 3371 High_Density_Lipoprotein_Cholesterol<=Chloride^2/mean_Microalbumin_Creatini
 ne_Ratio
 3372
 High_Density_Lipoprotein_Cholesterol<=10^Potassium/mean_Systolic_Blood_Pressure
 3373 High_Density_Lipoprotein_Cholesterol<=10^medications_active*mean_High_Densi
 ty_Lipoprotein_Cholesterol
 3374 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein
 _Cholesterol,e^active_conditions)
 3375 High_Density_Lipoprotein_Cholesterol<=1/2*Urea_Nitrogen+mean_High_Density_L
 ipoprotein_Cholesterol
 3376 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein

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_Cholesterol,active_care_plan_length^2)
3377 High_Density_Lipoprotein_Cholesterol<=Calcium+mean_High_Density_Lipoprotein
_Cholesterol-1
3378 High_Density_Lipoprotein_Cholesterol<=Hematocrit__Volume_Fraction__of_Blood
_by_Automated_count+procedures_lifetime_cost-1
3379 High_Density_Lipoprotein_Cholesterol<=minimum(Platelet_distribution_width__
Entitic_volume__in_Blood_by_Automated_count,mean_High_Density_Lipoprotein_Choles
terol+1)
3380 High_Density_Lipoprotein_Cholesterol<=10^mean_Pain_severity__0_10_verbal_n
umeric_rating__Score___Reported+mean_High_Density_Lipoprotein_Cholesterol
3381 High_Density_Lipoprotein_Cholesterol>=longitude
3382 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein
_Cholesterol,mean_Potassium)
3383
High_Density_Lipoprotein_Cholesterol>=2*encounters_count/mean_Respiratory_rate
3384 High_Density_Lipoprotein_Cholesterol>=1/2*Microalbumin_Creatinine_Ratio*med
ications_lifetime_perc_covered
3385 High_Density_Lipoprotein_Cholesterol>=Aspartate_aminotransferase__Enzymatic
_activity_volume__in_Serum,Plasma^immunizations_lifetime
3386 High_Density_Lipoprotein_Cholesterol>=mean_Creatinine*sqrt(mean_Heart_rate)
3387 High_Density_Lipoprotein_Cholesterol>=-immunizations_lifetime_cost+mean_Hig
h_Density_Lipoprotein_Cholesterol
3388 High_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
3389 High_Density_Lipoprotein_Cholesterol>=ceil(Body_Mass_Index)*immunizations_l
ifetime
3390 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein
_Cholesterol,active_care_plans^2)
3391 High_Density_Lipoprotein_Cholesterol>=-active_care_plan_length+mean_High_De
nsity_Lipoprotein_Cholesterol
3392 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholest
erol^QOLS
3393 High_Density_Lipoprotein_Cholesterol>=(10^healthcare_expenses)^longitude
3394 High_Density_Lipoprotein_Cholesterol>=Leukocytes___volume__in_Blood_by_Aut
omated_count^2-mean_High_Density_Lipoprotein_Cholesterol
3395 High_Density_Lipoprotein_Cholesterol>=minimum(Estimated_Glomerular_Filtrati
on_Rate,mean_High_Density_Lipoprotein_Cholesterol)
3396 High_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
3397 High_Density_Lipoprotein_Cholesterol>=(2*Alanine_aminotransferase__Enzymati
c_activity_volume__in_Serum,Plasma)^medications_lifetime_perc_covered
3398 High_Density_Lipoprotein_Cholesterol>=minimum(Estimated_Glomerular_Filtrati
on_Rate,e^active_care_plans)
3399 High_Density_Lipoprotein_Cholesterol>=(log(mean_High_Density_Lipoprotein_Ch
olesterol)/log(10))^lifetime_care_plans
3400 High_Density_Lipoprotein_Cholesterol>=Urea_Nitrogen+1/2*mean_High_Density_L
ipoprotein_Cholesterol
3401 High_Density_Lipoprotein_Cholesterol>=1/2*Diastolic_Blood_Pressure*imaging_
studies_lifetime
3402 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein

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_Cholesterol,1/medications_lifetime_perc_covered)
3403 High_Density_Lipoprotein_Cholesterol>=1/2*mean_Estimated_Glomerular_Filtrat
ion_Rate+mean_Urea_Nitrogen
3404 High_Density_Lipoprotein_Cholesterol>=Body_Mass_Index*log(DALY)/log(10)
3405 High_Density_Lipoprotein_Cholesterol>=Urea_Nitrogen+2*active_conditions
3406 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholest
erol^encounters_lifetime_perc_covered
3407
High_Density_Lipoprotein_Cholesterol>=Carbon_Dioxide*log(device_lifetime_length)
3408 High_Density_Lipoprotein_Cholesterol>=1/2*Body_Height-age
3409 High_Density_Lipoprotein_Cholesterol>=2*Urea_Nitrogen/mean_Creatinine
3410 Creatinine<=healthcare_expenses
3411 Creatinine<=maximum(Triglycerides,mean_Creatinine)
3412 Creatinine<=ceil(Potassium)
3413 Creatinine<=active_care_plans+log(Potassium)
3414 Creatinine<=Potassium+immunizations_lifetime
3415 Creatinine<=-Potassium+Urea_Nitrogen
3416 Creatinine<=maximum(Respiratory_rate,mean_Creatinine)
3417 Creatinine<=maximum(mean_Creatinine,1/2*Microalbumin_Creatinine_Ratio)
3418 Creatinine<=floor(Urea_Nitrogen)/mean_Globulin_Mass_volume_in_Serum_by_ca
lculatation
3419 Creatinine<=Globulin_Mass_volume_in_Serum_by_calculation+1
3420 Creatinine<=sqrt(Potassium)/encounters_lifetime_perc_covered
3421 Creatinine<=healthcare_coverage+mean_Creatinine
3422 Creatinine<=maximum(mean_Creatinine,1/2*lifetime_conditions)
3423 Creatinine<=Pain_severity___0_10_verbal_numeric_rating_Score___Reported+1
og(age)
3424 Creatinine<=DALY+mean_Creatinine
3425
Creatinine<=Globulin_Mass_volume_in_Serum_by_calculation+procedures_lifetime
3426 Creatinine<=mean_Creatinine+procedures_lifetime
3427 Creatinine<=mean_Creatinine+medications_active
3428 Creatinine<=QALY^2/Triglycerides
3429 Creatinine<=e^medications_lifetime/Glomerular_filtration_rate_1_73_sq_M_pre
dicted
3430 Creatinine<=Pain_severity___0_10_verbal_numeric_rating_Score___Reported+m
ean_Creatinine
3431 Creatinine<=active_care_plans*mean_Creatinine
3432 Creatinine<=sqrt(High_Density_Lipoprotein_Cholesterol)-Pain_severity___0_10
_verbal_numeric_rating_Score___Reported
3433 Creatinine<=minimum(Estimated_Glomerular_Filtration_Rate,sqrt(Leukocytes___
_volume_in_Blood_by_Automated_count))
3434 Creatinine<=10^mean_Creatinine/Hemoglobin_A1c_Hemoglobin_total_in_Blood
3435 Creatinine<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)^mean_Creatinine
3436 Creatinine<=-Calcium+floor(Aspartate_aminotransferase__Enzymatic_activity_v
olume_in_Serum,Plasma)
3437 Creatinine<=mean_Creatinine+medications_lifetime
3438 Creatinine<=mean_Creatinine/medications_lifetime_perc_covered

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3439 Creatinine>=longitude
3440 Creatinine>=-DALY+log(mean_Microalbumin_Creatinine_Ratio)
3441 Creatinine>=floor(Glomerular_filtration_rate_1_73_sq_M_predicted)/Chloride
3442 Creatinine>=minimum(mean_Creatinine,-Respiratory_rate)
3443 Creatinine>=-healthcare_expenses
3444 Creatinine>=-healthcare_coverage+mean_Creatinine
3445 Creatinine>=active_conditions-encounters_count
3446 Creatinine>=healthcare_expenses^longitude
3447 Creatinine>=minimum(device_lifetime_length,Potassium)
3448 Creatinine>=log(Urea_Nitrogen)/log(10)-QOLS
3449 Creatinine>=minimum(mean_Creatinine,1/2*immunizations_lifetime)
3450 Creatinine>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+immunizations_li
fetime
3451 Creatinine>=minimum(encounters_lifetime_perc_covered,mean_Creatinine)
3452 Creatinine>=(1/Urea_Nitrogen)^encounters_lifetime_perc_covered
3453 Creatinine>=-Estimated_Glomerular_Filtration_Rate+2*mean_Calcium
3454 Creatinine>=-Microalbumin_Creatinine_Ratio+Potassium-1
3455 Creatinine>=-lifetime_conditions+log(lifetime_care_plan_length)
3456 Creatinine>=2*Diastolic_Blood_Pressure-Total_Cholesterol
3457 Creatinine>=-encounters_lifetime_perc_covered+floor(mean_Creatinine)
3458 Creatinine>=ceil(mean_Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)-mean_Alanine_aminotransferase__Enzymatic_activity_volume__in
Serum,Plasma
3459 Creatinine>=log(High_Density_Lipoprotein_Cholesterol)/(active_care_plans*lo
g(10))
3460 Creatinine>=minimum(num_allergies,mean_Creatinine)
3461 Creatinine>=Globulin__Mass_volume__in_Serum_by_calculation-
procedures_lifetime_cost
3462 Creatinine>=-DALY+mean_Creatinine
3463 Creatinine>=2*mean_Microalbumin_Creatinine_Ratio/Sodium
3464 Creatinine>=(10^healthcare_expenses)^longitude
3465 Creatinine>=QOLS^active_care_plans
3466 Creatinine>=floor(Potassium)-mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
3467 Creatinine>=log(Carbon_Dioxide)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
3468 Creatinine>=(procedures_lifetime+1)/Respiratory_rate
3469 Creatinine>=QOLS-medications_lifetime
3470 Creatinine>=Carbon_Dioxide-QALY-1
3471 Creatinine>=-Pain_severity___0_10_verbal_numeric_rating__Score___Reported+
floor(mean_Creatinine)
3472 Creatinine>=num_allergies^2-Albumin__Mass_volume__in_Serum,Plasma
3473 Creatinine>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Creatinine-1)
3474 Creatinine>=10^immunizations_lifetime/High_Density_Lipoprotein_Cholesterol
3475 Creatinine>=(mean_High_Density_Lipoprotein_Cholesterol-1)/Estimated_Glomeru
lar_Filtration_Rate
3476 Creatinine>=sqrt(device_lifetime_length)^Globulin__Mass_volume__in_Serum_by
_calculation
3477 Sodium<=healthcare_expenses
3478 Sodium<=maximum(mean_Sodium,2*Protein__Mass_volume__in_Serum,Plasma)

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3479 Sodium<=sqrt(active_conditions)+mean_Sodium
3480 Sodium<=mean_Creatinine+mean_Sodium+1
3481 Sodium<=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+
lifetime_care_plan_length
3482 Sodium<=mean_Sodium+medications_lifetime
3483 Sodium<=healthcare_coverage+mean_Sodium
3484 Sodium<=maximum(medications_lifetime_dispenses,mean_Sodium)
3485 Sodium<=mean_Sodium+procedures_lifetime_cost
3486 Sodium<=Systolic_Blood_Pressure+age
3487 Sodium<=sqrt(Bilirubin_total__Mass_volume__in_Serum,Plasma)+mean_Sodium
3488 Sodium<=mean_Sodium^active_care_plans
3489 Sodium<=10^mean_Pain_severity___0_10_verbal_numeric_rating__Score____Report
ed+mean_Sodium
3490 Sodium<=mean_Sodium/QOLS
3491 Sodium<=-Urea_Nitrogen+floor(Body_Height)
3492 Sodium<=maximum(Body_Height,mean_Sodium)
3493 Sodium<=maximum(mean_Sodium,10^Microalbumin_Creatinine_Ratio)
3494
Sodium<=Diastolic_Blood_Pressure*floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3495 Sodium<=mean_Chloride+2*mean_Estimated_Glomerular_Filtration_Rate
3496 Sodium<=log(Albumin__Mass_volume__in_Serum,Plasma)/log(10)+mean_Sodium
3497 Sodium<=maximum(mean_Sodium,encounters_count^2)
3498 Sodium<=sqrt(Body_Weight)*Estimated_Glomerular_Filtration_Rate
3499 Sodium<=log(mean_Body_Mass_Index)+mean_Sodium
3500 Sodium<=maximum(Total_Cholesterol,ceil(mean_Sodium))
3501 Sodium<=1/2*Carbon_Dioxide*mean_Respiratory_rate
3502 Sodium>=latitude
3503 Sodium>=2*Carbon_Dioxide+age
3504 Sodium>=-mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+mean_Sodium
3505 Sodium>=active_conditions+mean_Systolic_Blood_Pressure
3506 Sodium>=minimum(mean_Sodium,2*active_care_plan_length)
3507 Sodium>=Estimated_Glomerular_Filtration_Rate*mean_Creatinine
3508 Sodium>=-healthcare_expenses
3509 Sodium>=-DALY+mean_Sodium
3510 Sodium>=Creatinine^2+mean_Systolic_Blood_Pressure
3511 Sodium>=-healthcare_coverage+mean_Sodium
3512 Sodium>=healthcare_expenses^longitudinal
3513 Sodium>=minimum(mean_Sodium,1/2*Triglycerides)
3514 Sodium>=lifetime_care_plans*lifetime_conditions
3515 Sodium>=minimum(Low_Density_Lipoprotein_Cholesterol,mean_Sodium)
3516 Sodium>=Systolic_Blood_Pressure+1/2*active_conditions
3517 Sodium>=-immunizations_lifetime_cost+mean_Sodium
3518 Sodium>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+ac
tive_care_plans
3519 Sodium>=sqrt(encounters_lifetime_perc_covered)*mean_Microalbumin_Creatinine
_Ratio
3520 Sodium>=log(device_lifetime_length)/log(10)+mean_Sodium
3521 Sodium>=minimum(latitude,10^healthcare_expenses)

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3522 Sodium>=1/2*Glucose+mean_Diastolic_Blood_Pressure
3523 Sodium>=minimum(encounters_count,Low_Density_Lipoprotein_Cholesterol)
3524 Sodium>=minimum(mean_Sodium,1/medications_active)
3525 Sodium>=Body_Weight*log(mean_Creatinine)
3526 Sodium>=device_lifetime_length^2-active_conditions
3527 Sodium>=Urea_Nitrogen*sqrt(mean_Estimated_Glomerular_Filtration_Rate)
3528 Sodium>=mean_Sodium/active_care_plans
3529 Sodium>=mean_Sodium-medications_lifetime
3530 Sodium>=Carbon_Dioxide+ceil(Chloride)
3531 Sodium>=1/2*immunizations_lifetime*mean_Sodium
3532 Sodium>=sqrt(Body_Mass_Index)+mean_Systolic_Blood_Pressure
3533 Sodium>=-DALY+ceil(mean_Sodium)
3534 Sodium>=minimum(mean_Sodium,1/Pain_severity___0_10_verbal_numeric_rating__S
core____Reported)
3535 Potassium<=healthcare_expenses
3536 Potassium<=mean_Potassium+medications_lifetime
3537 Potassium<=log(active_care_plans)/log(10)+mean_Potassium
3538
Potassium<=maximum(Body_temperature,sqrt(mean_Microalbumin_Creatinine_Ratio))
3539 Potassium<=floor(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3540 Potassium<=immunizations_lifetime+mean_Potassium
3541 Potassium<=Creatinine+Microalbumin_Creatinine_Ratio+1
3542 Potassium<=1/2*High_Density_Lipoprotein_Cholesterol/mean_Creatinine
3543 Potassium<=10^medications_lifetime_perc_covered+Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood
3544 Potassium<=maximum(mean_Potassium,1/2*active_care_plan_length)
3545 Potassium<=DALY+mean_Potassium
3546 Potassium<=healthcare_coverage+mean_Potassium
3547 Potassium<=maximum(Triglycerides,mean_Potassium)
3548
Potassium<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^mean_Urea_Nitrogen
3549 Potassium<=Respiratory_rate-active_care_plans
3550 Potassium<=ceil(Albumin__Mass_volume__in_Serum,Plasma+1)
3551 Potassium<=(mean_Estimated_Glomerular_Filtration_Rate-1)/Hemoglobin_A1c_Hem
oglobin_total_in_Blood
3552 Potassium<=sqrt(High_Density_Lipoprotein_Cholesterol)-1
3553 Potassium<=maximum(active_conditions,mean_Potassium)
3554 Potassium<=10^encounters_lifetime_perc_covered+Globulin__Mass_volume__in_Se
rum_by_calculation
3555 Potassium<=1/2*DALY+Hemoglobin_A1c_Hemoglobin_total_in_Blood
3556 Potassium<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,Prostate_
specific_Ag__Mass_volume__in_Serum,Plasma-1)
3557 Potassium<=Carbon_Dioxide^2/Heart_rate
3558 Potassium<=(1/medications_lifetime_perc_covered)^mean_Calcium
3559 Potassium<=-Creatinine+Urea_Nitrogen
3560 Potassium<=e^Estimated_Glomerular_Filtration_Rate/medications_lifetime_cost
3561 Potassium<=maximum(mean_Potassium,e^Creatinine)
3562 Potassium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(Creatinine)

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3563 Potassium<=(Estimated_Glomerular_Filtration_Rate-1)/Hemoglobin_A1c_Hemoglob
in_total_in_Blood
3564 Potassium<=2*mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+medications
_lifetime
3565 Potassium<=mean_Potassium^active_care_plans
3566 Potassium>=longitude
3567 Potassium>=minimum(device_lifetime_length,Creatinine)
3568 Potassium>=minimum(mean_Creatinine,sqrt(mean_Estimated_Glomerular_Filtratio
n_Rate))
3569 Potassium>=1/2*mean_Total_Cholesterol/QALY
3570 Potassium>=minimum(mean_Potassium,sqrt(Respiratory_rate))
3571 Potassium>=minimum(mean_Potassium,10^num_allergies)
3572 Potassium>=ceil(1/2*medications_active)
3573 Potassium>=-healthcare_expenses
3574 Potassium>=mean_Potassium-procedures_lifetime
3575 Potassium>=-Respiratory_rate+1/2*procedures_lifetime
3576 Potassium>=mean_Potassium^QOLS
3577 Potassium>=minimum(mean_Potassium,e^immunizations_lifetime)
3578 Potassium>=minimum(num_allergies,mean_Potassium)
3579 Potassium>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported+1
og(active_care_plan_length)
3580 Potassium>=sqrt(mean_Potassium)^immunizations_lifetime
3581 Potassium>=healthcare_expenses^longitude
3582 Potassium>=-Creatinine+ceil(mean_Potassium)
3583
Potassium>=minimum(mean_Albumin__Mass_volume__in_Serum,Plasma,10^num_allergies)
3584 Potassium>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted/Urea_Nitrogen
3585 Potassium>=(1/2*mean_Creatinine)^Pain_severity___0_10_verbal_numeric_rating
__Score____Reported
3586 Potassium>=-healthcare_coverage+mean_Potassium
3587 Potassium>=minimum(Albumin__Mass_volume__in_Serum,Plasma,mean_Potassium)
3588 Potassium>=-Respiratory_rate+lifetime_conditions
3589 Potassium>=mean_Potassium-medications_active
3590 Potassium>=Hemoglobin_A1c_Hemoglobin_total_in_Blood-
immunizations_lifetime_cost+1
3591 Potassium>=Bilirubin_total__Mass_volume__in_Serum,Plasma+log(DALY)
3592 Potassium>=(10^healthcare_expenses)^longitude
3593 Potassium>=-QOLS+log(age)
3594 Potassium>=10^num_allergies/mean_Estimated_Glomerular_Filtration_Rate
3595 Potassium>=(DALY+1)/active_conditions
3596 Potassium>=Glomerular_filtration_rate_1_73_sq_M_predicted/active_care_plan_
length
3597 Potassium>=minimum(mean_Potassium,-Respiratory_rate)
3598 Potassium>=mean_Potassium/active_care_plans
3599 Potassium>=mean_Potassium-medications_lifetime
3600 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=healthcare_expenses
3601 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(active_conditions,mean_He
moglobin_A1c_Hemoglobin_total_in_Blood)

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3602 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood+medications_lifetime_perc_covered
 3603 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=ceil(mean_Hemoglobin_A1c_Hemoglob
 in_total_in_Blood)
 3604 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood+procedures_lifetime
 3605 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Potassium,mean_Hemoglobin
 _A1c_Hemoglobin_total_in_Blood)
 3606 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=immunizations_lifetime+mean_Hemog
 lobin_A1c_Hemoglobin_total_in_Blood
 3607 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=ceil(latitude)^DALY
 3608 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=-High_Density_Lipoprotein_Cholest
 erol+ceil(mean_Glucose)
 3609 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=e^mean_Hemoglobin_A1c_Hemoglobin_
 total_in_Blood/active_care_plans
 3610 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Triglycerides,mean_Hemogl
 obin_A1c_Hemoglobin_total_in_Blood)
 3611 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/Respiratory_rate+mean_Hemoglobi
 n_A1c_Hemoglobin_total_in_Blood
 3612 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=QOLS^2+mean_Hemoglobin_A1c_Hemogl
 obin_total_in_Blood
 3613 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=healthcare_coverage+mean_Hemoglob
 in_A1c_Hemoglobin_total_in_Blood
 3614 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood^active_care_plans
 3615 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Triglycerides^2/medications_lifet
 ime_dispenses
 3616 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=minimum(Estimated_Glomerular_Filt
 ration_Rate,log(MCV__Entitic_volume__by_Automated_count))
 3617 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=longitude
 3618 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=2*num_allergies-2
 3619 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Pain_severity__0_10_verbal_numer
 ic_rating__Score___Reported
 3620 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,1/QOLS)
 3621 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(active_care_plans,floor(m
 ean_Hemoglobin_A1c_Hemoglobin_total_in_Blood))
 3622 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(procedures_lifetime,mean_
 Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3623 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_expenses
 3624 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood/active_care_plans
 3625 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Microalbumin_Creatinine_Ratio/mea
 n_Glucose
 3626 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*immunizations_lifetime*mean_H
 emoglobin_A1c_Hemoglobin_total_in_Blood
 3627 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood-procedures_lifetime

3628 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-immunizations_lifetime_cost+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3629 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood-medications_active
 3630 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=healthcare_expenses^longitudinal
 3631 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood-mean_Pain_severity__0_10_verbal_numeric_rating_Score___Reported
 3632 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=ceil(DALY)/active_conditions
 3633 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood-medications_lifetime
 3634 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=floor(High_Density_Lipoprotein_Cholesterol)/Body_Mass_Index
 3635 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(DALY,floor(mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood))
 3636 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(10^healthcare_expenses)^longitudinal
 3637 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*Estimated_Glomerular_Filtration_Rate/Calcium
 3638 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Potassium*log(num_allergies)
 3639 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/encounters_lifetime_perc_covered)
 3640 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(device_lifetime_length,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3641 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Creatinine,1/encounters_lifetime_perc_covered)
 3642 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_coverage+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3643 Glucose<=healthcare_expenses
 3644 Glucose<=(log(Estimated_Glomerular_Filtration_Rate)/log(10))^Carbon_Dioxide
 3645 Glucose<=mean_Diastolic_Blood_Pressure+mean_High_Density_Lipoprotein_Cholesterol
 3646 Glucose<=10^QOLS*mean_Glucose
 3647 Glucose<=Body_Mass_Index^2/device_lifetime_length
 3648 Glucose<=healthcare_coverage+mean_Glucose
 3649 Glucose<=Chloride+1/2*Globulin_Mass_volume_in_Serum_by_calculation
 3650 Glucose<=maximum(mean_Glucose,e^medications_lifetime)
 3651 Glucose<=Protein_Mass_volume_in_Serum,Plasma*log(mean_Glomerular_filtration_rate_1_73_sq_M_predicted)/log(10)
 3652 Glucose<=1/2*Body_Weight*Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3653 Glucose<=mean_Glucose^active_care_plans
 3654 Glucose<=mean_Glucose/QOLS
 3655 Glucose<=1/2*active_care_plans*mean_Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma
 3656 Glucose<=e^procedures_lifetime+mean_Glucose
 3657 Glucose<=maximum(Body_Height,mean_Glucose)
 3658 Glucose<=maximum(medications_lifetime_dispenses,High_Density_Lipoprotein_Cholesterol)
 3659 Glucose<=mean_Glucose+medications_lifetime

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3660 Glucose<=mean_Glucose+procedures_lifetime_cost
3661 Glucose<=Chloride+active_conditions+1
3662 Glucose<=e^active_care_plans+mean_Chloride
3663 Glucose<=maximum(Triglycerides,mean_Glucose)
3664 Glucose<=10^medications_lifetime_perc_covered*mean_Glucose
3665 Glucose<=mean_Creatinine^2+Systolic_Blood_Pressure
3666 Glucose<=Urea_Nitrogen+mean_Glucose
3667 Glucose<=maximum(Low_Density_Lipoprotein_Cholesterol,mean_Microalbumin_Crea
tinine_Ratio)
3668 Glucose<=maximum(mean_Glucose,mean_Low_Density_Lipoprotein_Cholesterol)
3669 Glucose<=lifetime_conditions+mean_Chloride+1
3670 Glucose<=ceil(QALY)*mean_Potassium
3671 Glucose<=Heart_rate+2*mean_Carbon_Dioxide
3672 Glucose>=latitude
3673 Glucose>=1/2*Estimated_Glomerular_Filtration_Rate/encounters_lifetime_perc_
covered
3674 Glucose>=(Chloride+1)*medications_lifetime_perc_covered
3675
Glucose>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+floor(active_condition_length)
3676 Glucose>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,
Plasma,mean_Glucose)
3677 Glucose>=-healthcare_expenses
3678 Glucose>=log(active_care_plan_length)*mean_Urea_Nitrogen
3679 Glucose>=(medications_active+1)*Calcium
3680 Glucose>=minimum(mean_Glucose,procedures_lifetime^2)
3681 Glucose>=lifetime_conditions*log(mean_High_Density_Lipoprotein_Cholesterol)
3682 Glucose>=2*QALY-lifetime_care_plan_length
3683 Glucose>=Albumin__Mass_volume__in_Serum,Plasma+ceil(QALY)
3684 Glucose>=1/2*imaging_studies_lifetime*mean_Total_Cholesterol
3685
Glucose>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Glucose)
3686 Glucose>=healthcare_expenses^longitude
3687 Glucose>=mean_Glucose/active_care_plans
3688 Glucose>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Glucose)
3689 Glucose>=minimum(mean_Glucose,10^immunizations_lifetime)
3690 Glucose>=e^mean_Creatinine-mean_Body_Mass_Index
3691 Glucose>=-healthcare_coverage+mean_Glucose
3692 Glucose>=sqrt(encounters_lifetime_total_cost)-Protein__Mass_volume__in_Seru
m,Plasma
3693 Glucose>=active_condition_length^2/mean_Alkaline_phosphatase__Enzymatic_act
ivity_volume__in_Serum,Plasma
3694 Glucose>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood-longitude
3695 Glucose>=minimum(mean_Glucose,mean_Pain_severity___0_10_verbal_numeric_rati
ng__Score___Reported)
3696 Glucose>=10^log(active_care_plans)
3697 Glucose>=(1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Auto
mated_count)^medications_lifetime_perc_covered
3698 Glucose>=immunizations_lifetime_cost-mean_Triglycerides+1

```


3699 Glucose>=minimum(latitude,10^healthcare_expenses)
 3700 Glucose>=Triglycerides/Microalbumin_Creatinine_Ratio
 3701 Glucose>=e^num_allergies+latitude
 3702 Glucose>=mean_Glucose-procedures_lifetime_cost-1
 3703 Glucose>=1/2*Estimated_Glomerular_Filtration_Rate*medications_active
 3704 Glucose>=mean_Body_Weight-mean_Estimated_Glomerular_Filtration_Rate+1
 3705
 Glucose>=mean_Microalbumin_Creatinine_Ratio*medications_lifetime_perc_covered^2
 3706 Glucose>=mean_Glucose-medications_lifetime_cost
 3707 Glucose>=floor(mean_Glucose)^imaging_studies_lifetime
 3708 Chloride<=healthcare_expenses
 3709 Chloride<=2*Protein_Mass_volume_in_Serum,Plasma-medications_active
 3710 Chloride<=1/2*Sodium+latitude
 3711 Chloride<=(mean_Chloride-1)/imaging_studies_lifetime
 3712 Chloride<=healthcare_coverage+mean_Chloride
 3713 Chloride<=mean_Chloride/QOLS
 3714 Chloride<=maximum(mean_Chloride,mean_Triglycerides)
 3715 Chloride<=maximum(mean_Chloride,e^active_conditions)
 3716 Chloride<=mean_Chloride^active_care_plans
 3717 Chloride<=Respiratory_rate*Urea_Nitrogen
 3718 Chloride<=e^Creatinine+mean_Chloride
 3719 Chloride<=maximum(mean_Chloride,medications_lifetime^2)
 3720 Chloride<=Body_Weight+floor(age)
 3721 Chloride<=e^Glomerular_filtration_rate_1_73_sq_M_predicted/Sodium
 3722 Chloride<=1/num_allergies+mean_Chloride
 3723 Chloride<=floor(Glucose)/medications_lifetime_perc_covered
 3724 Chloride<=maximum(lifetime_condition_length,mean_Chloride)
 3725 Chloride<=1/2*Estimated_Glomerular_Filtration_Rate*mean_Respiratory_rate
 3726 Chloride<=2*High_Density_Lipoprotein_Cholesterol+mean_Estimated_Glomerular_Filtration_Rate
 3727 Chloride<=maximum(Body_Height,mean_Chloride)
 3728 Chloride<=1/2*mean_Heart_rate*mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3729 Chloride<=mean_Calcium^2+QALY
 3730 Chloride<=mean_Chloride+medications_lifetime
 3731 Chloride<=log(mean_Creatinine)+mean_Systolic_Blood_Pressure
 3732 Chloride<=log(Heart_rate)+mean_Chloride
 3733 Chloride<=(Albumin_Mass_volume_in_Serum,Plasma-1)*QALY
 3734 Chloride<=2*Creatinine*mean_Chloride
 3735 Chloride<=log(Globulin_Mass_volume_in_Serum_by_calculation)+mean_Chloride
 3736 Chloride<=maximum(Triglycerides,mean_Chloride+1)
 3737 Chloride<=Diastolic_Blood_Pressure+1/2*Heart_rate
 3738 Chloride<=maximum(mean_Chloride,10^Microalbumin_Creatinine_Ratio)
 3739 Chloride<=Carbon_Dioxide*log(mean_Total_Cholesterol)
 3740 Chloride>=latitude
 3741 Chloride>=-Potassium+mean_Chloride
 3742 Chloride>=-Microalbumin_Creatinine_Ratio+mean_Chloride+1
 3743 Chloride>=mean_Chloride-procedures_lifetime_cost
 3744 Chloride>=Body_Weight+1

```

3745 Chloride>=-Calcium+mean_Glucose
3746 Chloride>=-mean_Calcium+mean_Glucose
3747
Chloride>=minimum(mean_Chloride,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3748 Chloride>=-DALY+floor(mean_Chloride)
3749 Chloride>=-healthcare_expenses
3750 Chloride>=minimum(mean_Chloride,1/2*Triglycerides)
3751 Chloride>=1/2*Urea_Nitrogen+mean_Heart_rate
3752 Chloride>=healthcare_expenses^longitude
3753 Chloride>=-immunizations_lifetime_cost+mean_Chloride
3754 Chloride>=mean_Chloride-medications_lifetime
3755 Chloride>=minimum(mean_Chloride,mean_High_Density_Lipoprotein_Cholesterol)
3756 Chloride>=sqrt(Carbon_Dioxide)+Heart_rate
3757 Chloride>=(1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Aut
omated_count)^medications_lifetime_perc_covered
3758 Chloride>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-
DALY+1
3759 Chloride>=-Albumin__Mass_volume__in_Serum,Plasma+mean_Chloride+1
3760 Chloride>=(High_Density_Lipoprotein_Cholesterol-1)*immunizations_lifetime
3761 Chloride>=minimum(latitude,10^healthcare_expenses)
3762 Chloride>=minimum(mean_Chloride,1/medications_active)
3763 Chloride>=(device_lifetime_length-1)*mean_Calcium
3764 Chloride>=floor(mean_Chloride)-mean_Potassium
3765 Chloride>=1/2*Low_Density_Lipoprotein_Cholesterol+mean_Carbon_Dioxide
3766 Chloride>=Glucose-Respiratory_rate-1
3767 Chloride>=minimum(mean_Chloride,e^mean_Creatinine)
3768 Chloride>=-healthcare_coverage+mean_Chloride
3769 Chloride>=mean_Chloride/active_care_plans
3770 Carbon_Dioxide<=healthcare_expenses
3771 Carbon_Dioxide<=ceil(mean_Carbon_Dioxide)+procedures_lifetime
3772 Carbon_Dioxide<=e^mean_Calcium/Total_Cholesterol
3773 Carbon_Dioxide<=maximum(Triglycerides,mean_Carbon_Dioxide+1)
3774 Carbon_Dioxide<=maximum(active_condition_length,mean_Carbon_Dioxide)
3775 Carbon_Dioxide<=medications_active^2+mean_Carbon_Dioxide
3776 Carbon_Dioxide<=sqrt(Aspartate_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma)*Urea_Nitrogen
3777 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,2*lifetime_care_plan_length)
3778 Carbon_Dioxide<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma/immunizations_lifetime
3779 Carbon_Dioxide<=10^medications_active*mean_Carbon_Dioxide
3780 Carbon_Dioxide<=healthcare_coverage+mean_Carbon_Dioxide
3781 Carbon_Dioxide<=e^Albumin__Mass_volume__in_Serum,Plasma-mean_Urea_Nitrogen
3782 Carbon_Dioxide<=floor(QALY)+procedures_lifetime_cost
3783 Carbon_Dioxide<=maximum(Heart_rate,mean_Carbon_Dioxide)
3784 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,active_conditions^2)
3785 Carbon_Dioxide<=age-mean_Urea_Nitrogen+1
3786 Carbon_Dioxide<=2*mean_Carbon_Dioxide/immunizations_lifetime
3787 Carbon_Dioxide<=Calcium*ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)

```

3788 Carbon_Dioxide<=Creatinine+ceil(QALY)
 3789 Carbon_Dioxide<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+mean_Estimated_Glomerular_Filtration_Rate
 3790 Carbon_Dioxide<=2*Diastolic_Blood_Pressure-mean_Glucose
 3791 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,mean_High_Density_Lipoprotein_Cholersterol)
 3792 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,sqrt(encounters_lifetime_payer_coverage))
 3793 Carbon_Dioxide<=Potassium+ceil(mean_Carbon_Dioxide)
 3794 Carbon_Dioxide<=mean_Carbon_Dioxide+medications_lifetime
 3795 Carbon_Dioxide<=1/2*Low_Density_Lipoprotein_Cholesterol-1
 3796 Carbon_Dioxide<=1/2*Creatinine*Heart_rate
 3797 Carbon_Dioxide<=10^Pain_severity__0_10_verbal_numeric_rating__Score___Reported*mean_Estimated_Glomerular_Filtration_Rate
 3798 Carbon_Dioxide<=2*Creatinine+mean_Carbon_Dioxide
 3799 Carbon_Dioxide<=mean_Carbon_Dioxide^active_care_plans
 3800 Carbon_Dioxide>=longitude
 3801 Carbon_Dioxide>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+mean_Carbon_Dioxide
 3802 Carbon_Dioxide>=-DALY+floor(mean_Carbon_Dioxide)
 3803 Carbon_Dioxide>=-Creatinine+mean_Carbon_Dioxide-1
 3804 Carbon_Dioxide>=device_lifetime_length*log(active_care_plan_length)
 3805 Carbon_Dioxide>=log(procedures_lifetime)/log(10)+Urea_Nitrogen
 3806 Carbon_Dioxide>=-healthcare_expenses
 3807
 Carbon_Dioxide>=2*mean_Total_Cholesterol/Estimated_Glomerular_Filtration_Rate
 3808 Carbon_Dioxide>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,-Triglycerides)
 3809 Carbon_Dioxide>=healthcare_expenses^longitude
 3810 Carbon_Dioxide>=1/2*medications_lifetime_dispenses/Glucose
 3811 Carbon_Dioxide>=-healthcare_coverage+mean_Carbon_Dioxide
 3812 Carbon_Dioxide>=minimum(DALY,floor(mean_Carbon_Dioxide))
 3813
 Carbon_Dioxide>=minimum(mean_Carbon_Dioxide,1/medications_lifetime_perc_covered)
 3814 Carbon_Dioxide>=mean_Carbon_Dioxide/active_care_plans
 3815 Carbon_Dioxide>=-immunizations_lifetime_cost+mean_Carbon_Dioxide
 3816 Carbon_Dioxide>=sqrt(High_Density_Lipoprotein_Cholesterol)*num_allergies
 3817 Carbon_Dioxide>=mean_Carbon_Dioxide-procedures_lifetime_cost
 3818 Carbon_Dioxide>=QALY-mean_High_Density_Lipoprotein_Cholesterol+1
 3819 Carbon_Dioxide>=ceil(QALY)/mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3820 Carbon_Dioxide>=sqrt(Estimated_Glomerular_Filtration_Rate)/encounters_lifetime_perc_covered
 3821 Carbon_Dioxide>=mean_Carbon_Dioxide-medications_lifetime
 3822 Carbon_Dioxide>=minimum(mean_Carbon_Dioxide,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3823 Carbon_Dioxide>=mean_Carbon_Dioxide^QOLS
 3824 Carbon_Dioxide>=DALY-Urea_Nitrogen-1
 3825 Carbon_Dioxide>=log(device_lifetime_length)/log(10)+mean_Estimated_Glomerular

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ar_Filtration_Rate
3826 Carbon_Dioxide>=Low_Density_Lipoprotein_Cholesterol-
mean_Systolic_Blood_Pressure+1
3827 Carbon_Dioxide>=(10^healthcare_expenses)^longitude
3828 Total_Cholesterol<=healthcare_expenses
3829 Total_Cholesterol<=10^QOLS*mean_Total_Cholesterol
3830 Total_Cholesterol<=active_care_plan_length+mean_Total_Cholesterol
3831
Total_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+Systolic_Blood_Pressure-1
3832 Total_Cholesterol<=mean_Total_Cholesterol/QOLS
3833 Total_Cholesterol<=log(Glomerular_filtration_rate_1_73_sq_M_predicted)+mean
_Total_Cholesterol
3834 Total_Cholesterol<=2*mean_Systolic_Blood_Pressure+procedures_lifetime_cost
3835 Total_Cholesterol<=maximum(mean_Total_Cholesterol,encounters_count^2)
3836 Total_Cholesterol<=(Diastolic_Blood_Pressure-1)*Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood
3837 Total_Cholesterol<=10^mean_Pain_severity___0_10_verbal_numeric_rating__Scor
e___Reported+mean_Total_Cholesterol
3838 Total_Cholesterol<=10^Erythrocytes___volume__in_Blood_by_Automated_count/T
riglycerides
3839 Total_Cholesterol<=10^mean_Pain_severity___0_10_verbal_numeric_rating__Scor
e___Reported*mean_Total_Cholesterol
3840 Total_Cholesterol<=maximum(medications_lifetime_dispenses,mean_Total_Choles
terol)
3841 Total_Cholesterol<=2*Glomerular_filtration_rate_1_73_sq_M_predicted/medicat
ions_lifetime_perc_covered
3842 Total_Cholesterol<=mean_Total_Cholesterol/imaging_studies_lifetime
3843
Total_Cholesterol<=(Estimated_Glomerular_Filtration_Rate+1)*mean_Urea_Nitrogen
3844
Total_Cholesterol<=maximum(medications_lifetime_cost,mean_Total_Cholesterol)
3845 Total_Cholesterol<=maximum(mean_Total_Cholesterol,10^Microalbumin_Creatinin
e_Ratio)
3846
Total_Cholesterol<=maximum(mean_Total_Cholesterol,2*lifetime_condition_length)
3847 Total_Cholesterol<=maximum(mean_Total_Cholesterol,mean_Platelet_distributio
n_width__Entitic_volume__in_Blood_by_Automated_count)
3848 Total_Cholesterol<=mean_Total_Cholesterol/encounters_lifetime_perc_covered
3849 Total_Cholesterol<=Erythrocyte_distribution_width__Entitic_volume__by_Autom
ated_count*log(healthcare_expenses)/log(10)
3850 Total_Cholesterol<=Diastolic_Blood_Pressure*log(Estimated_Glomerular_Filtra
tion_Rate)
3851 Total_Cholesterol<=maximum(mean_Total_Cholesterol,e^active_conditions)
3852 Total_Cholesterol<=log(Chloride)*mean_Systolic_Blood_Pressure/log(10)
3853 Total_Cholesterol<=mean_Carbon_Dioxide+2*mean_Chloride
3854 Total_Cholesterol<=(mean_Estimated_Glomerular_Filtration_Rate+1)*active_con
ditions
3855

```

Total_Cholesterol<=1/2*Carbon_Dioxide*mean_Estimated_Glomerular_Filtration_Rate
 3856 Total_Cholesterol>=latitude
 3857
 Total_Cholesterol>=minimum(immunizations_lifetime_cost,mean_Total_Cholesterol)
 3858 Total_Cholesterol>=minimum(mean_Total_Cholesterol,e^active_care_plans)
 3859 Total_Cholesterol>=-active_care_plan_length+mean_Total_Cholesterol
 3860 Total_Cholesterol>=minimum(encounters_count,2*mean_Body_Weight)
 3861 Total_Cholesterol>=floor(mean_Estimated_Glomerular_Filtration_Rate)*medications_active
 3862 Total_Cholesterol>=-healthcare_expenses
 3863 Total_Cholesterol>=Heart_rate*log(mean_Glucose)/log(10)
 3864
 Total_Cholesterol>=minimum(lifetime_care_plan_length,mean_Total_Cholesterol)
 3865 Total_Cholesterol>=mean_Total_Cholesterol^QOLS
 3866 Total_Cholesterol>=Systolic_Blood_Pressure/Creatinine
 3867 Total_Cholesterol>=minimum(mean_Total_Cholesterol,mean_Urea_Nitrogen)
 3868 Total_Cholesterol>=mean_Total_Cholesterol^encounters_lifetime_perc_covered
 3869 Total_Cholesterol>=active_conditions^2-mean_Total_Cholesterol
 3870 Total_Cholesterol>=healthcare_expenses^longitude
 3871 Total_Cholesterol>=-encounters_count+mean_Total_Cholesterol-1
 3872 Total_Cholesterol>=-Microalbumin_Creatinine_Ratio+mean_Total_Cholesterol+1
 3873 Total_Cholesterol>=sqrt(Microalbumin_Creatinine_Ratio)+Triglycerides
 3874 Total_Cholesterol>=DALY*log(mean_Microalbumin_Creatinine_Ratio)
 3875 Total_Cholesterol>=minimum(mean_Total_Cholesterol,1/mean_Pain_severity___0_10_verbal_numeric_rating_Score___Reported)
 3876 Total_Cholesterol>=minimum(mean_Total_Cholesterol,mean_Triglycerides)
 3877 Total_Cholesterol>=minimum(mean_Total_Cholesterol,e^lifetime_care_plans)
 3878 Total_Cholesterol>=minimum(mean_Total_Cholesterol,1/medications_active)
 3879 Total_Cholesterol>=mean_Glucose^2/Heart_rate
 3880 Total_Cholesterol>=minimum(latitude,10^healthcare_expenses)
 3881 Total_Cholesterol>=sqrt(healthcare_coverage)-Leukocytes___volume__in_Blood_by_Automated_count
 3882 Total_Cholesterol>=-Estimated_Glomerular_Filtration_Rate+floor(mean_Total_Cholesterol)
 3883 Total_Cholesterol>=(QOLS+1)*Glucose
 3884 Total_Cholesterol>=mean_Urea_Nitrogen^2-mean_Microalbumin_Creatinine_Ratio
 3885 Total_Cholesterol>=(mean_Glucose+1)*immunizations_lifetime
 3886 Total_Cholesterol>=(mean_Urea_Nitrogen-1)*device_lifetime_length
 3887 Urea_Nitrogen<=healthcare_expenses
 3888 Urea_Nitrogen<=maximum(Triglycerides,mean_Urea_Nitrogen)
 3889 Urea_Nitrogen<=maximum(mean_Urea_Nitrogen,10^Creatinine)
 3890 Urea_Nitrogen<=immunizations_lifetime_cost+mean_Urea_Nitrogen
 3891 Urea_Nitrogen<=Body_Mass_Index-medications_active-1
 3892 Urea_Nitrogen<=sqrt(mean_Respiratory_rate)+active_care_plan_length
 3893 Urea_Nitrogen<=ceil(lifetime_care_plan_length)
 3894 Urea_Nitrogen<=mean_Estimated_Glomerular_Filtration_Rate^2/Carbon_Dioxide
 3895 Urea_Nitrogen<=10^DALY*mean_Urea_Nitrogen
 3896 Urea_Nitrogen<=Potassium*log(Chloride)

3897 Urea_Nitrogen<=sqrt(10^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3898
 Urea_Nitrogen<=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+2*mean_Calcium
 3899 Urea_Nitrogen<=maximum(mean_Urea_Nitrogen,Albumin__Mass_volume__in_Serum,Plasma^2)
 3900 Urea_Nitrogen<=active_condition_length+1/2*mean_Potassium
 3901 Urea_Nitrogen<=mean_Urea_Nitrogen^active_care_plans
 3902 Urea_Nitrogen<=healthcare_coverage+mean_Urea_Nitrogen
 3903 Urea_Nitrogen<=1/2*Microalbumin_Creatinine_Ratio+active_conditions
 3904 Urea_Nitrogen<=-encounters_lifetime_perc_covered+floor(Carbon_Dioxide)
 3905 Urea_Nitrogen<=maximum(Triglycerides,1/2*mean_Glomerular_filtration_rate_1_73_sq_M_predicted)
 3906 Urea_Nitrogen<=1/2*QALY+lifetime_care_plans
 3907 Urea_Nitrogen<=mean_Urea_Nitrogen+medications_lifetime_cost
 3908 Urea_Nitrogen<=maximum(mean_Urea_Nitrogen,e^Microalbumin_Creatinine_Ratio)
 3909 Urea_Nitrogen<=Systolic_Blood_Pressure^2/medications_lifetime
 3910 Urea_Nitrogen<=10^immunizations_lifetime+Respiratory_rate
 3911 Urea_Nitrogen<=10^medications_active+mean_Urea_Nitrogen
 3912 Urea_Nitrogen<=1/device_lifetime_length+mean_Respiratory_rate
 3913 Urea_Nitrogen<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+1/2*QALY
 3914 Urea_Nitrogen<=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+mean_Sodium+1
 3915 Urea_Nitrogen<=10^mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported*mean_Urea_Nitrogen
 3916 Urea_Nitrogen>=longitude
 3917 Urea_Nitrogen>=sqrt(Body_Weight)-mean_Creatinine
 3918
 Urea_Nitrogen>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+2*active_care_plans
 3919 Urea_Nitrogen>=2*Triglycerides/Glucose
 3920 Urea_Nitrogen>=mean_Urea_Nitrogen-procedures_lifetime_cost
 3921 Urea_Nitrogen>=mean_Urea_Nitrogen^QOLS
 3922 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,10^num_allergies)
 3923 Urea_Nitrogen>=device_lifetime_length-encounters_lifetime_perc_covered
 3924 Urea_Nitrogen>=-Creatinine+mean_Urea_Nitrogen
 3925 Urea_Nitrogen>=mean_Urea_Nitrogen/active_care_plans
 3926 Urea_Nitrogen>=(mean_Urea_Nitrogen+1)^imaging_studies_lifetime
 3927 Urea_Nitrogen>=-healthcare_expenses
 3928 Urea_Nitrogen>=mean_Urea_Nitrogen-medications_lifetime
 3929 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,1/2*Respiratory_rate)
 3930 Urea_Nitrogen>=-healthcare_coverage+mean_Urea_Nitrogen
 3931 Urea_Nitrogen>=Chloride/Respiratory_rate
 3932 Urea_Nitrogen>=Creatinine*log(Diastolic_Blood_Pressure)/log(10)
 3933 Urea_Nitrogen>=1/2*DALY-active_care_plans
 3934 Urea_Nitrogen>=healthcare_expenses^longitude
 3935 Urea_Nitrogen>=-Low_Density_Lipoprotein_Cholesterol+mean_Heart_rate+1
 3936 Urea_Nitrogen>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+2
 3937 Urea_Nitrogen>=2*mean_Microalbumin_Creatinine_Ratio/QALY
 3938 Urea_Nitrogen>=(10^healthcare_expenses)^longitude

```

3939 Urea_Nitrogen>=log(medications_active)*mean_Urea_Nitrogen/log(10)
3940 Urea_Nitrogen>=-Carbon_Dioxide+DALY-1
3941 Urea_Nitrogen>=High_Density_Lipoprotein_Cholesterol-
lifetime_condition_length+1
3942 Urea_Nitrogen>=-Carbon_Dioxide+2*lifetime_conditions
3943 Urea_Nitrogen>=2*lifetime_conditions-mean_Carbon_Dioxide
3944
Urea_Nitrogen>=-Albumin_Mass_volume__in_Serum,Plasma+ceil(mean_Urea_Nitrogen)
3945
Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,1/encounters_lifetime_perc_covered)
3946 Urea_Nitrogen>=1/2*immunizations_lifetime*mean_Urea_Nitrogen
3947 Urea_Nitrogen>=mean_Potassium+medications_active-1
3948 Urea_Nitrogen>=Creatinine+Potassium
3949 Urea_Nitrogen>=-active_care_plan_length+e^Pain_severity___0_10_verbal_numer
ic_rating__Score___Reported
3950 Urea_Nitrogen>=-Chloride+1/2*Total_Cholesterol
3951 Calcium<=healthcare_expenses
3952 Calcium<=healthcare_coverage+mean_Calcium
3953
Calcium<=Urea_Nitrogen+floor(Globulin_Mass_volume__in_Serum_by_calculation)
3954
Calcium<=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted+medications_lifetime
3955 Calcium<=immunizations_lifetime+mean_Calcium
3956 Calcium<=(mean_Chloride+1)/device_lifetime_length
3957 Calcium<=maximum(medications_lifetime,mean_Calcium)
3958
Calcium<=10^(10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
3959 Calcium<=1/active_care_plans+mean_Calcium
3960 Calcium<=maximum(mean_Calcium,sqrt(Alkaline_phosphatase__Enzymatic_activity
_volume__in_Serum,Plasma))
3961 Calcium<=maximum(mean_Calcium,10^mean_Creatinine)
3962 Calcium<=mean_Calcium^active_care_plans
3963 Calcium<=mean_Calcium+procedures_lifetime
3964 Calcium<=mean_Calcium/QOLS
3965 Calcium<=e^active_care_plans/medications_lifetime_perc_covered
3966 Calcium<=maximum(Triglycerides,mean_Calcium)
3967 Calcium<=1/2*active_condition_length/QOLS
3968 Calcium<=Urea_Nitrogen+ceil(DALY)
3969 Calcium<=2*Low_Density_Lipoprotein_Cholesterol/lifetime_conditions
3970 Calcium<=maximum(mean_Calcium,mean_Microalbumin_Creatinine_Ratio)
3971 Calcium<=maximum(active_care_plan_length,mean_Calcium)
3972 Calcium<=Albumin_Mass_volume__in_Serum,Plasma*Globulin_Mass_volume__in_Se
rum_by_calculation
3973 Calcium<=Glucose^2/lifetime_condition_length
3974 Calcium<=maximum(encounters_count,mean_Calcium)
3975 Calcium<=10^(1/imaging_studies_lifetime)
3976 Calcium<=minimum(healthcare_expenses,floor(Platelet_mean_volume__Entitic_vo
lume__in_Blood_by_Automated_count))

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```

3977 Calcium>=longitude
3978 Calcium>=mean_Calcium-medications_active
3979 Calcium>=minimum(mean_Calcium,e^Pain_severity___0_10_verbal_numeric_rating_
_Score____Reported)
3980 Calcium>=log(procedures_lifetime)^device_lifetime_length
3981 Calcium>=minimum(mean_Calcium,medications_active+1)
3982 Calcium>=mean_Creatinine+2*num_allergies
3983 Calcium>=healthcare_expenses^longitude
3984 Calcium>=mean_Calcium-procedures_lifetime
3985 Calcium>=2*Globulin_Mass_volume__in_Serum_by_calculation+2
3986 Calcium>=1/2*QALY/Potassium
3987 Calcium>=1/2*immunizations_lifetime*mean_Calcium
3988 Calcium>=-healthcare_expenses
3989 Calcium>=-DALY+mean_Calcium
3990 Calcium>=10^encounters_lifetime_perc_covered+mean_Albumin__Mass_volume__in_
Serum,Plasma
3991 Calcium>=minimum(mean_Calcium,1/2*mean_Urea_Nitrogen)
3992 Calcium>=minimum(mean_Calcium,mean_Pain_severity___0_10_verbal_numeric_rati
ng__Score____Reported)
3993 Calcium>=1/2*active_conditions-1
3994 Calcium>=-Systolic_Blood_Pressure+ceil(Glucose)
3995 Calcium>=-Microalbumin_Creatinine_Ratio+lifetime_conditions
3996 Calcium>=Creatinine*log(Heart_rate)/log(10)
3997 Calcium>=floor(Creatinine)+mean_Potassium
3998 Calcium>=minimum(mean_Calcium,1/2*procedures_lifetime)
3999 Calcium>=DALY-encounters_count
4000 Calcium>=(10^healthcare_expenses)^longitude
4001 Calcium>=log(mean_Creatinine)*mean_Respiratory_rate/log(10)
4002 Calcium>=10^imaging_studies_lifetime-DALY
4003 Calcium>=-healthcare_coverage+mean_Calcium
4004 Calcium>=minimum(DALY,10^imaging_studies_lifetime)
4005 Calcium>=mean_Calcium/active_care_plans
4006 Calcium>=mean_Calcium-medications_lifetime
4007 Calcium>=1/2*Respiratory_rate+1/2
4008 Calcium>=log(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,
Plasma)/QOLS
4009 Calcium>=-mean_Chloride+mean_Glucose-1
4010 Calcium>=(mean_Calcium+1)*medications_lifetime_perc_covered
4011 Calcium>=Creatinine+e^immunizations_lifetime
4012 Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses
4013 Glomerular_filtration_rate_1_73_sq_M_predicted<=Alkaline_phosphatase__Enzym
atic_activity_volume__in_Serum,Plasma+active_conditions
4014 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(Triglycerides,floor
(Carbon_Dioxide))
4015 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(latitude,mean_Glome
rular_filtration_rate_1_73_sq_M_predicted)
4016 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(medications_lifetim
e,mean_Glomerular_filtration_rate_1_73_sq_M_predicted)

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4017 Glomerular_filtration_rate_1_73_sq_M_predicted>=longitude
4018 Glomerular_filtration_rate_1_73_sq_M_predicted>=num_allergies^2+mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
4019 Glomerular_filtration_rate_1_73_sq_M_predicted>=minimum(medications_lifetime,floor(Carbon_Dioxide))
4020 Glomerular_filtration_rate_1_73_sq_M_predicted>=floor(mean_Glomerular_filtration_rate_1_73_sq_M_predicted)
4021
Glomerular_filtration_rate_1_73_sq_M_predicted>=healthcare_expenses^longitude
4022 Glomerular_filtration_rate_1_73_sq_M_predicted>=mean_Glomerular_filtration_rate_1_73_sq_M_predicted-num_allergies
4023 Glomerular_filtration_rate_1_73_sq_M_predicted>=-healthcare_expenses
4024 Glomerular_filtration_rate_1_73_sq_M_predicted>=-immunizations_lifetime+mean_Glomerular_filtration_rate_1_73_sq_M_predicted
4025 Glomerular_filtration_rate_1_73_sq_M_predicted>=(10^healthcare_expenses)^longitude
4026 Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses
4027 Globulin__Mass_volume__in_Serum_by_calculation<=mean_Globulin__Mass_volume__in_Serum_by_calculation+num_allergies
4028 Globulin__Mass_volume__in_Serum_by_calculation<=immunizations_lifetime+mean_Globulin__Mass_volume__in_Serum_by_calculation
4029 Globulin__Mass_volume__in_Serum_by_calculation<=maximum(Triglycerides,1/2*medications_active)
4030 Globulin__Mass_volume__in_Serum_by_calculation<=-mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+medications_lifetime
4031 Globulin__Mass_volume__in_Serum_by_calculation<=Creatinine+procedures_lifetime_cost
4032 Globulin__Mass_volume__in_Serum_by_calculation>=longitude
4033 Globulin__Mass_volume__in_Serum_by_calculation>=-mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+num_allergies+1
4034 Globulin__Mass_volume__in_Serum_by_calculation>=minimum(DALY,mean_Globulin__Mass_volume__in_Serum_by_calculation)
4035 Globulin__Mass_volume__in_Serum_by_calculation>=-immunizations_lifetime+mean_Globulin__Mass_volume__in_Serum_by_calculation
4036 Globulin__Mass_volume__in_Serum_by_calculation>=-healthcare_expenses
4037 Globulin__Mass_volume__in_Serum_by_calculation>=minimum(mean_Globulin__Mass_volume__in_Serum_by_calculation,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
4038 Globulin__Mass_volume__in_Serum_by_calculation>=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma/Bilirubin_total__Mass_volume__in_Serum,Plasma
4039 Globulin__Mass_volume__in_Serum_by_calculation>=Creatinine-1
4040 Globulin__Mass_volume__in_Serum_by_calculation>=(10^healthcare_expenses)^longitude
4041
Globulin__Mass_volume__in_Serum_by_calculation>=healthcare_expenses^longitude
4042 Globulin__Mass_volume__in_Serum_by_calculation>=Creatinine-procedures_lifetime
4043 Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses

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4044 Albumin__Mass_volume__in_Serum,Plasma<=mean_Urea_Nitrogen^2-mean_Protein__M
 ass_volume__in_Serum,Plasma
 4045 Albumin__Mass_volume__in_Serum,Plasma<=maximum(active_conditions,mean_Album
 in__Mass_volume__in_Serum,Plasma)
 4046 Albumin__Mass_volume__in_Serum,Plasma<=maximum(Prostate_specific_Ag__Mass_v
 olume__in_Serum,Plasma,mean_Albumin__Mass_volume__in_Serum,Plasma)
 4047 Albumin__Mass_volume__in_Serum,Plasma<=mean_Albumin__Mass_volume__in_Serum,
 Plasma+procedures_lifetime
 4048 Albumin__Mass_volume__in_Serum,Plasma<=Alkaline_phosphatase__Enzymatic_acti
 vity_volume__in_Serum,Plasma/medications_active
 4049 Albumin__Mass_volume__in_Serum,Plasma<=immunizations_lifetime+mean_Albumin_
 __Mass_volume__in_Serum,Plasma
 4050 Albumin__Mass_volume__in_Serum,Plasma>=longitude
 4051 Albumin__Mass_volume__in_Serum,Plasma>=mean_Albumin__Mass_volume__in_Serum,
 Plasma
 4052 Albumin__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
 4053 Albumin__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 4054 Albumin__Mass_volume__in_Serum,Plasma>=Creatinine+num_allergies-1
 4055 Albumin__Mass_volume__in_Serum,Plasma>=log(medications_lifetime^QOLS)
 4056 Albumin__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 4057 Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses
 4058 Protein__Mass_volume__in_Serum,Plasma<=immunizations_lifetime_cost+mean_Pro
 tein__Mass_volume__in_Serum,Plasma
 4059 Protein__Mass_volume__in_Serum,Plasma<=mean_Protein__Mass_volume__in_Serum,
 Plasma+procedures_lifetime_cost
 4060 Protein__Mass_volume__in_Serum,Plasma<=maximum(Platelet_distribution_width_
 _Entitic_volume__in_Blood_by_Automated_count,mean_Protein__Mass_volume__in_Serum
 ,Plasma)
 4061 Protein__Mass_volume__in_Serum,Plasma<=Alanine_aminotransferase__Enzymatic_
 activity_volume__in_Serum,Plasma+1/2*mean_Chloride
 4062 Protein__Mass_volume__in_Serum,Plasma<=DALY+Glucose-1
 4063 Protein__Mass_volume__in_Serum,Plasma<=maximum(Protein__Mass_volume__in_Uri
 ne_by_Test_strip,mean_Protein__Mass_volume__in_Serum,Plasma)
 4064 Protein__Mass_volume__in_Serum,Plasma<=maximum(Body_Weight,mean_Protein__Ma
 ss_volume__in_Serum,Plasma)
 4065 Protein__Mass_volume__in_Serum,Plasma>=latitude
 4066 Protein__Mass_volume__in_Serum,Plasma>=mean_Protein__Mass_volume__in_Serum,
 Plasma
 4067 Protein__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
 4068 Protein__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 4069 Protein__Mass_volume__in_Serum,Plasma>=Glucose*log(10)/log(mean_Glomerular_
 filtration_rate_1_73_sq_M_predicted)
 4070 Protein__Mass_volume__in_Serum,Plasma>=minimum(age,High_Density_Lipoprotein
 _Cholesterol)
 4071
 Protein__Mass_volume__in_Serum,Plasma>=minimum(latitude,10^healthcare_expenses)
 4072 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=hea
 lthcare_expenses

4073 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=cei
 1(mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
 4074 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Ala
 nine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
 procedures_lifetime
 4075 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mea
 n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+num_all
 ergies
 4076 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=imm
 unizations_lifetime+mean_Aspartate_aminotransferase__Enzymatic_activity_volume__
 in_Serum,Plasma
 4077 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=lon
 gitude
 4078 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mea
 n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^QOLS
 4079 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=min
 imum(Carbon_Dioxide,mean_Aspartate_aminotransferase__Enzymatic_activity_volume__
 in_Serum,Plasma)
 4080 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=min
 imum(DALY,mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,P
 lasma)
 4081 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-he
 althcare_expenses
 4082 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=flo
 or(mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)-
 mean_Albumin__Mass_volume__in_Serum,Plasma
 4083 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=hea
 lthcare_expenses^longitude
 4084 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(10
 ^healthcare_expenses)^longitude
 4085 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(me
 dications_active-1)^num_allergies
 4086 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-im
 munizations_lifetime_cost+mean_Aspartate_aminotransferase__Enzymatic_activity_vo
 lume__in_Serum,Plasma
 4087 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mea
 n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
 procedures_lifetime_cost
 4088 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healt
 hcare_expenses
 4089 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maxim
 um(Protein__Mass_volume__in_Urine_by_Test_strip,mean_Alanine_aminotransferase__E
 nzymatic_activity_volume__in_Serum,Plasma)
 4090 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maxim
 um(active_care_plan_length,mean_Alanine_aminotransferase__Enzymatic_activity_vol
 ume__in_Serum,Plasma)
 4091 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=QALY+
 active_conditions

4092 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=sqrt(encounters_lifetime_total_cost)+mean_Urea_Nitrogen
 4093 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
 4094 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=immunizations_lifetime_cost+mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 4095 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime_cost
 4096 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=1/medications_lifetime_perc_covered+Glomerular_filtration_rate_1_73_sq_M_predicted
 4097 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
 4098 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 4099 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses
 4100 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime
 4101 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 4102 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=e^(num_allergies+1)
 4103 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 4104 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses
 4105 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Sodium-active_care_plans
 4106 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(age,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 4107 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(encounters_count,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 4108 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_coverage^(1/num_allergies)
 4109 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(QALY,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 4110 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=sqrt(active_care_plan_length)+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 4111 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
 4112 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Albumin_Mass_volume__in_Serum,Plasma*medications_active
 4113 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(e

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ncounters_count,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
4114 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Glomerular_filtration_rate_1_73_sq_M_predicted-active_conditions
4115 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses
4116 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-immunizations_lifetime_cost+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
4117 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Glucose*exp(-DALY)
4118 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longitude
4119 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
4120 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-procedures_lifetime_cost
4121 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
4122 Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses
4123 Bilirubin_total__Mass_volume__in_Serum,Plasma<=-QOLS+medications_active
4124 Bilirubin_total__Mass_volume__in_Serum,Plasma<=10^num_allergies
4125 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+num_allergies
4126 Bilirubin_total__Mass_volume__in_Serum,Plasma<=(1/immunizations_lifetime)
4127 Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Pain_severity___0_10_verbal_numeric_rating_Score___Reported,mean_DALY)
4128 Bilirubin_total__Mass_volume__in_Serum,Plasma>=longitude
4129 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(medications_lifetime_perc_covered,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4130 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
4131 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(num_allergies,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4132 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(device_lifetime_length,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4133 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(DALY,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4134 Bilirubin_total__Mass_volume__in_Serum,Plasma>=floor(QOLS)
4135 Bilirubin_total__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
4136 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-immunizations_lifetime+mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
4137
Bilirubin_total__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
4138 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=healthcare_expenses

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4139 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=maximum(mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,10^procedures_lifetime)

4140 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=maximum(encounters_lifetime_payer_coverage,mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)

4141 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=maximum(mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,encounters_count^2)

4142 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=maximum(medications_lifetime_dispenses,mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)

4143 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=immunizations_lifetime_cost+mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count

4144 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=log(10^mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)/log(10)

4145 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=10^medications_lifetime_perc_covered*mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count

4146 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count^encounters_count

4147 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+procedures_lifetime_cost

4148 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=mean_Leukocytes___volume__in_Blood_by_Automated_count^(Erythrocytes___volume__in_Blood_by_Automated_count+1)

4149 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=mean_Respiratory_rate^(1/2*mean_Erythrocytes___volume__in_Blood_by_Automated_count)

4150 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=maximum(mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,10^active_care_plans)

4151 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=latitude

4152 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=-lifetime_care_plan_length+mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count

4153 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=minimum(mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,mean_Body_temperature)

4154 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=minimum(latitude,10^healthcare_expenses)

4155 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count-

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procedures_lifetime_cost
4156 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=-
healthcare_expenses
4157 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=-
immunizations_lifetime_cost+mean_Platelet_distribution_width__Entitic_volume__in
_Blood_by_Automated_count
4158 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=m
inimum(immunizations_lifetime_cost,mean_Platelet_distribution_width__Entitic_vol
ume__in_Blood_by_Automated_count)
4159 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=m
inimum(Triglycerides,mean_Platelet_distribution_width__Entitic_volume__in_Blood_
by_Automated_count)
4160 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=1
/2*MCH__Entitic_mass__by_Automated_count+lifetime_condition_length
4161 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=m
edications_lifetime_dispenses/10^DALY
4162 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=h
ealthcare_expenses/healthcare_coverage
4163 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=healthca
re_expenses
4164 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=ceil(mea
n_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
4165 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=immuniza
tions_lifetime+mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_
count
4166 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=maximum(
active_care_plan_length,mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_A
utomated_count)
4167 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=maximum(
Respiratory_rate,mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
d_count)
4168 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=minimum(
Triglycerides,mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_c
ount)
4169 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=Body_Mas
s_Index-lifetime_care_plans
4170 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=-Body_Ma
ss_Index+mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
+1
4171 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=active_c
are_plans+mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
4172 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=maximum(
encounters_count,mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
d_count)
4173 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=maximum(
medications_lifetime,mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Auto
mated_count)
4174

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Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=longitude
 4175 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=mean_Pla
 telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-num_allergies
 4176 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=(10^heal
 thcare_expenses)^longitude
 4177 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=floor(me
 an_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
 4178 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=healthca
 re_expenses^longitude
 4179 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=-healthc
 are_expenses
 4180 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Erythroc
 ytes___volume__in_Blood_by_Automated_count+2*num_allergies
 4181 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Erythroc
 ytes___volume__in_Blood_by_Automated_count+active_care_plans
 4182 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=1/2*QALY
 /mean_Leukocytes___volume__in_Blood_by_Automated_count
 4183 Platelets___volume__in_Blood_by_Automated_count<=healthcare_expenses
 4184 Platelets___volume__in_Blood_by_Automated_count<=sqrt(Hematocrit__Volume_F
 raction__of_Blood_by_Automated_count)+mean_Platelets___volume__in_Blood_by_Auto
 mated_count
 4185 Platelets___volume__in_Blood_by_Automated_count<=active_care_plan_length+m
 ean_Platelets___volume__in_Blood_by_Automated_count
 4186 Platelets___volume__in_Blood_by_Automated_count<=maximum(encounters_lifeti
 me_payer_coverage,mean_Platelets___volume__in_Blood_by_Automated_count)
 4187 Platelets___volume__in_Blood_by_Automated_count<=immunizations_lifetime_co
 st+mean_Platelets___volume__in_Blood_by_Automated_count
 4188 Platelets___volume__in_Blood_by_Automated_count<=maximum(Protein__Mass_vol
 ume__in_Urine_by_Test_strip,mean_Platelets___volume__in_Blood_by_Automated_coun
 t)
 4189 Platelets___volume__in_Blood_by_Automated_count<=maximum(medications_lifet
 ime_dispenses,mean_Platelets___volume__in_Blood_by_Automated_count)
 4190 Platelets___volume__in_Blood_by_Automated_count<=mean_Platelets___volume__
 in_Blood_by_Automated_count+procedures_lifetime_cost
 4191 Platelets___volume__in_Blood_by_Automated_count<=(mean_MCV__Entitic_volume
 __by_Automated_count+1)*mean_Leukocytes___volume__in_Blood_by_Automated_count
 4192 Platelets___volume__in_Blood_by_Automated_count>=latitude
 4193 Platelets___volume__in_Blood_by_Automated_count>=minimum(mean_Platelets___
 volume__in_Blood_by_Automated_count,2*Sodium)
 4194 Platelets___volume__in_Blood_by_Automated_count>=minimum(mean_Platelets___
 volume__in_Blood_by_Automated_count,mean_Prostate_specific_Ag__Mass_volume__in_
 Serum,Plasma)
 4195 Platelets___volume__in_Blood_by_Automated_count>=minimum(mean_Platelets___
 volume__in_Blood_by_Automated_count,mean_Alanine_aminotransferase__Enzymatic_ac
 tivity_volume__in_Serum,Plasma)
 4196 Platelets___volume__in_Blood_by_Automated_count>=mean_Platelets___volume__
 in_Blood_by_Automated_count^QOLS
 4197 Platelets___volume__in_Blood_by_Automated_count>=-active_care_plan_length+


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mean_Platelets____volume__in_Blood_by_Automated_count
4198 Platelets____volume__in_Blood_by_Automated_count>=mean_Platelets____volume__
_in_Blood_by_Automated_count-procedures_lifetime_cost
4199 Platelets____volume__in_Blood_by_Automated_count>=-healthcare_expenses
4200 Platelets____volume__in_Blood_by_Automated_count>=-immunizations_lifetime_c
ost+mean_Platelets____volume__in_Blood_by_Automated_count
4201 Platelets____volume__in_Blood_by_Automated_count>=minimum(Triglycerides,mea
n_Platelets____volume__in_Blood_by_Automated_count)
4202
Platelets____volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
4203 Platelets____volume__in_Blood_by_Automated_count>=active_condition_length*log(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
4204 Platelets____volume__in_Blood_by_Automated_count>=minimum(latitude,10^healt
hcare_expenses)
4205 Leukocytes____volume__in_Blood_by_Automated_count<=healthcare_expenses
4206 Leukocytes____volume__in_Blood_by_Automated_count<=maximum(Prostate_specifi
c_Ag__Mass_volume__in_Serum,Plasma,mean_Leukocytes____volume__in_Blood_by_Automa
ted_count)
4207 Leukocytes____volume__in_Blood_by_Automated_count<=maximum(active_condition
s,mean_Leukocytes____volume__in_Blood_by_Automated_count)
4208 Leukocytes____volume__in_Blood_by_Automated_count<=active_care_plans+mean_L
eukocytes____volume__in_Blood_by_Automated_count
4209 Leukocytes____volume__in_Blood_by_Automated_count<=immunizations_lifetime_c
ost+mean_Leukocytes____volume__in_Blood_by_Automated_count
4210 Leukocytes____volume__in_Blood_by_Automated_count<=maximum(mean_Potassium,m
ean_Leukocytes____volume__in_Blood_by_Automated_count)
4211 Leukocytes____volume__in_Blood_by_Automated_count<=mean_Leukocytes____volum
e__in_Blood_by_Automated_count+procedures_lifetime
4212 Leukocytes____volume__in_Blood_by_Automated_count<=maximum(Sodium,mean_Leuk
ocytes____volume__in_Blood_by_Automated_count)
4213 Leukocytes____volume__in_Blood_by_Automated_count<=maximum(Calcium,mean_Leu
kocytes____volume__in_Blood_by_Automated_count)
4214 Leukocytes____volume__in_Blood_by_Automated_count<=MCV__Entitic_volume__by_
Automated_count*e^(-num_allergies)
4215 Leukocytes____volume__in_Blood_by_Automated_count>=longitude
4216 Leukocytes____volume__in_Blood_by_Automated_count>=mean_Leukocytes____volum
e__in_Blood_by_Automated_count
4217 Leukocytes____volume__in_Blood_by_Automated_count>=-healthcare_expenses
4218 Leukocytes____volume__in_Blood_by_Automated_count>=minimum(medications_acti
ve,mean_Potassium)
4219 Leukocytes____volume__in_Blood_by_Automated_count>=num_allergies^2-Erythrocy
tes____volume__in_Blood_by_Automated_count
4220
Leukocytes____volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
4221 Leukocytes____volume__in_Blood_by_Automated_count>=(10^healthcare_expenses)
^longitude
4222 Erythrocytes____volume__in_Blood_by_Automated_count<=healthcare_expenses
4223 Erythrocytes____volume__in_Blood_by_Automated_count<=ceil(mean_Erythrocytes

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____volume__in_Blood_by_Automated_count)
4224 Erythrocytes____volume__in_Blood_by_Automated_count<=Platelet_mean_volume__
Entitic_volume__in_Blood_by_Automated_count-2*num_allergies
4225 Erythrocytes____volume__in_Blood_by_Automated_count<=mean_Erythrocytes____v
olume__in_Blood_by_Automated_count+num_allergies
4226 Erythrocytes____volume__in_Blood_by_Automated_count<=mean_Leukocytes____vol
ume__in_Blood_by_Automated_count+1
4227 Erythrocytes____volume__in_Blood_by_Automated_count>=longitude
4228 Erythrocytes____volume__in_Blood_by_Automated_count>=mean_Erythrocytes____v
olume__in_Blood_by_Automated_count-procedures_lifetime
4229 Erythrocytes____volume__in_Blood_by_Automated_count>=floor(mean_Erythrocyte
s____volume__in_Blood_by_Automated_count)
4230 Erythrocytes____volume__in_Blood_by_Automated_count>=minimum(mean_Erythrocy
tes____volume__in_Blood_by_Automated_count,1/2*Urea_Nitrogen)
4231 Erythrocytes____volume__in_Blood_by_Automated_count>=num_allergies^2-Leukoc
ytes____volume__in_Blood_by_Automated_count
4232 Erythrocytes____volume__in_Blood_by_Automated_count>=minimum(DALY,mean_Eryt
hrocytes____volume__in_Blood_by_Automated_count)
4233 Erythrocytes____volume__in_Blood_by_Automated_count>=minimum(mean_Erythrocy
tes____volume__in_Blood_by_Automated_count,mean_Albumin__Mass_volume__in_Serum,P
lasma)
4234 Erythrocytes____volume__in_Blood_by_Automated_count>=-healthcare_expenses
4235 Erythrocytes____volume__in_Blood_by_Automated_count>=healthcare_expenses^lo
ngitude
4236 Erythrocytes____volume__in_Blood_by_Automated_count>=minimum(active_care_pl
ans,mean_Erythrocytes____volume__in_Blood_by_Automated_count)
4237 Erythrocytes____volume__in_Blood_by_Automated_count>=minimum(lifetime_care_
plans,mean_Erythrocytes____volume__in_Blood_by_Automated_count)
4238 Erythrocytes____volume__in_Blood_by_Automated_count>=(10^healthcare_expense
s)^longitude
4239 Erythrocytes____volume__in_Blood_by_Automated_count>=-active_care_plans+mea
n_Erythrocytes____volume__in_Blood_by_Automated_count
4240 Erythrocytes____volume__in_Blood_by_Automated_count>=minimum(procedures_lif
etime,mean_Erythrocytes____volume__in_Blood_by_Automated_count)
4241 Hemoglobin__Mass_volume__in_Blood<=healthcare_expenses
4242 Hemoglobin__Mass_volume__in_Blood<=mean_Hemoglobin__Mass_volume__in_Blood+n
um_allergies
4243 Hemoglobin__Mass_volume__in_Blood<=2*Platelet_mean_volume__Entitic_volume__
in_Blood_by_Automated_count-medications_active
4244 Hemoglobin__Mass_volume__in_Blood<=Leukocytes____volume__in_Blood_by_Automa
ted_count+Respiratory_rate
4245 Hemoglobin__Mass_volume__in_Blood<=e^mean_Leukocytes____volume__in_Blood_by
_Automated_count-
mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
4246 Hemoglobin__Mass_volume__in_Blood>=longitude
4247 Hemoglobin__Mass_volume__in_Blood>=minimum(DALY,mean_Hemoglobin__Mass_volum
e__in_Blood)
4248 Hemoglobin__Mass_volume__in_Blood>=-2*DALY+Respiratory_rate

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4249 Hemoglobin__Mass_volume__in_Blood>=-healthcare_expenses
 4250 Hemoglobin__Mass_volume__in_Blood>=healthcare_expenses^longitude
 4251 Hemoglobin__Mass_volume__in_Blood>=minimum(mean_Hemoglobin__Mass_volume__in_Blood,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 4252 Hemoglobin__Mass_volume__in_Blood>=(Leukocytes___volume__in_Blood_by_Automated_count+1)*num_allergies
 4253 Hemoglobin__Mass_volume__in_Blood>=(10^healthcare_expenses)^longitude
 4254 Hemoglobin__Mass_volume__in_Blood>=mean_Hemoglobin__Mass_volume__in_Blood-procedures_lifetime
 4255 Hemoglobin__Mass_volume__in_Blood>=-active_care_plans+mean_Hemoglobin__Mass_volume__in_Blood
 4256 Hemoglobin__Mass_volume__in_Blood>=-immunizations_lifetime+mean_Hemoglobin__Mass_volume__in_Blood
 4257
 Hemoglobin__Mass_volume__in_Blood>=mean_Hemoglobin__Mass_volume__in_Blood^QOLS
 4258 Hemoglobin__Mass_volume__in_Blood>=minimum(procedures_lifetime,mean_Hemoglobin__Mass_volume__in_Blood)
 4259
 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=healthcare_expenses
 4260 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=Hemoglobin__Mass_volume__in_Blood+MCHC__Mass_volume__by_Automated_count
 4261 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=maximum(active_care_plan_length,mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
 4262 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=maximum(age,mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
 4263 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=active_care_plans+mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 4264 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=maximum(Sodium,mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
 4265 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+procedures_lifetime
 4266 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=maximum(Protein__Mass_volume__in_Urine_by_Test_strip,mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
 4267 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=e^immunizations_lifetime+mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 4268 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=10^num_allergies+mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 4269 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=longitude
 4270 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 4271
 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=-healthcare_expenses
 4272 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=healthcare_expenses^longitude
 4273 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=floor(Body_Height)/Erythrocytes___volume__in_Blood_by_Automated_count
 4274 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=Body_Weight*log(1

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0)/log(Triglycerides)
4275 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=(10^healthcare_ex
penses)^longitude
4276 MCV__Entitic_volume__by_Automated_count<=healthcare_expenses
4277 MCV__Entitic_volume__by_Automated_count<=maximum(Body_Weight,mean_MCV__Enti
tic_volume__by_Automated_count)
4278 MCV__Entitic_volume__by_Automated_count<=maximum(Protein__Mass_volume__in_U
rine_by_Test_strip,mean_MCV__Entitic_volume__by_Automated_count)
4279 MCV__Entitic_volume__by_Automated_count<=immunizations_lifetime_cost+mean_M
CV__Entitic_volume__by_Automated_count
4280 MCV__Entitic_volume__by_Automated_count<=maximum(lifetime_care_plan_length,
ceil(mean_MCV__Entitic_volume__by_Automated_count))
4281 MCV__Entitic_volume__by_Automated_count<=Leukocytes___volume__in_Blood_by_
Automated_count+mean_MCV__Entitic_volume__by_Automated_count-1
4282 MCV__Entitic_volume__by_Automated_count<=active_care_plan_length+mean_MCV__
Entitic_volume__by_Automated_count
4283 MCV__Entitic_volume__by_Automated_count<=maximum(lifetime_condition_length,
mean_MCV__Entitic_volume__by_Automated_count)
4284 MCV__Entitic_volume__by_Automated_count<=mean_MCV__Entitic_volume__by_Autom
ated_count+procedures_lifetime
4285 MCV__Entitic_volume__by_Automated_count>=latitude
4286 MCV__Entitic_volume__by_Automated_count>=mean_MCV__Entitic_volume__by_Autom
ated_count
4287 MCV__Entitic_volume__by_Automated_count>=-healthcare_expenses
4288 MCV__Entitic_volume__by_Automated_count>=healthcare_expenses^longitude
4289 MCV__Entitic_volume__by_Automated_count>=age+mean_Platelet_mean_volume__Enti
tic_volume__in_Blood_by_Automated_count-1
4290 MCV__Entitic_volume__by_Automated_count>=Leukocytes___volume__in_Blood_by_
Automated_count*e^num_allergies
4291 MCV__Entitic_volume__by_Automated_count>=minimum(latitude,10^healthcare_exp
enses)
4292 MCH__Entitic_mass__by_Automated_count<=healthcare_expenses
4293 MCH__Entitic_mass__by_Automated_count<=mean_MCH__Entitic_mass__by_Automated
_count
4294 MCH__Entitic_mass__by_Automated_count<=floor(1/2*Heart_rate)
4295 MCH__Entitic_mass__by_Automated_count<=sqrt(Diastolic_Blood_Pressure)*mean_
Leukocytes___volume__in_Blood_by_Automated_count
4296 MCH__Entitic_mass__by_Automated_count>=longitude
4297 MCH__Entitic_mass__by_Automated_count>=-active_care_plans+mean_MCH__Entitic
_mass__by_Automated_count
4298 MCH__Entitic_mass__by_Automated_count>=-immunizations_lifetime_cost+mean_MC
H__Entitic_mass__by_Automated_count
4299 MCH__Entitic_mass__by_Automated_count>=mean_MCH__Entitic_mass__by_Automated
_count-procedures_lifetime
4300 MCH__Entitic_mass__by_Automated_count>=-healthcare_expenses
4301 MCH__Entitic_mass__by_Automated_count>=minimum(mean_MCH__Entitic_mass__by_A
utomated_count,mean_Albumin__Mass_volume__in_Serum,Plasma)
4302 MCH__Entitic_mass__by_Automated_count>=minimum(procedures_lifetime,mean_MCH

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__Entitic_mass__by_Automated_count)
4303 MCH__Entitic_mass__by_Automated_count>=healthcare_expenses^longitude
4304 MCH__Entitic_mass__by_Automated_count>=minimum(mean_MCH__Entitic_mass__by_A
utomated_count,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
4305 MCH__Entitic_mass__by_Automated_count>=mean_MCH__Entitic_mass__by_Automated
_count-2
4306 MCH__Entitic_mass__by_Automated_count>=(10^healthcare_expenses)^longitude
4307
MCH__Entitic_mass__by_Automated_count>=10^immunizations_lifetime*num_allergies
4308 MCH__Entitic_mass__by_Automated_count>=minimum(DALY,Body_Mass_Index)
4309 MCHC__Mass_volume__by_Automated_count<=healthcare_expenses
4310 MCHC__Mass_volume__by_Automated_count<=ceil(mean_MCHC__Mass_volume__by_Auto
mated_count)
4311 MCHC__Mass_volume__by_Automated_count<=maximum(age,mean_MCHC__Mass_volume__
by_Automated_count)
4312 MCHC__Mass_volume__by_Automated_count<=active_care_plans+mean_MCHC__Mass_vo
lume__by_Automated_count
4313 MCHC__Mass_volume__by_Automated_count<=maximum(QALY,mean_MCHC__Mass_volume_
_by_Automated_count)
4314 MCHC__Mass_volume__by_Automated_count<=mean_MCHC__Mass_volume__by_Automated
_count+procedures_lifetime
4315 MCHC__Mass_volume__by_Automated_count<=mean_Erythrocyte_distribution_width_
__Entitic_volume__by_Automated_count-medications_active
4316 MCHC__Mass_volume__by_Automated_count<=maximum(active_care_plan_length,mean
_MCHC__Mass_volume__by_Automated_count)
4317 MCHC__Mass_volume__by_Automated_count<=maximum(encounters_count,mean_MCHC__
Mass_volume__by_Automated_count)
4318 MCHC__Mass_volume__by_Automated_count<=minimum(Triglycerides,mean_MCHC__Mas
s_volume__by_Automated_count)
4319 MCHC__Mass_volume__by_Automated_count<=Erythrocyte_distribution_width__Enti
tic_volume__by_Automated_count-log(medications_lifetime)
4320 MCHC__Mass_volume__by_Automated_count<=1/2*Low_Density_Lipoprotein_Choleste
rol+lifetime_conditions
4321 MCHC__Mass_volume__by_Automated_count>=longitude
4322 MCHC__Mass_volume__by_Automated_count>=floor(mean_MCHC__Mass_volume__by_Aut
omated_count)
4323 MCHC__Mass_volume__by_Automated_count>=healthcare_expenses^longitude
4324
MCHC__Mass_volume__by_Automated_count>=MCH__Entitic_mass__by_Automated_count+1
4325 MCHC__Mass_volume__by_Automated_count>=mean_MCHC__Mass_volume__by_Automated
_count-num_allergies
4326 MCHC__Mass_volume__by_Automated_count>=-healthcare_expenses
4327 MCHC__Mass_volume__by_Automated_count>=Hematocrit__Volume_Fraction__of_Bloo
d_by_Automated_count-Hemoglobin__Mass_volume__in_Blood
4328 MCHC__Mass_volume__by_Automated_count>=-1/2*Heart_rate+QALY
4329 MCHC__Mass_volume__by_Automated_count>=(10^healthcare_expenses)^longitude
4330 MCHC__Mass_volume__by_Automated_count>=QALY*log(10)/log(immunizations_lifet
ime_cost)

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4331 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=healthcare_expenses
 4332 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 4333 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=Hemoglobin_Mass_volume__in_Blood+e^mean_Leukocytes____volume__in_Blood_by_Automated_count
 4334
 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=longitude
 4335 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=minimum(mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 4336 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=-active_care_plans+mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 4337 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=Body_Mass_Index+Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-1
 4338 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=-healthcare_expenses
 4339 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count-procedures_lifetime
 4340 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=minimum(mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count,mean_Albumin_Mass_volume__in_Serum,Plasma)
 4341 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=healthcare_expenses^longitude
 4342 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=-immunizations_lifetime_cost+mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 4343 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=MCHC__Mass_volume__by_Automated_count+log(medications_lifetime)
 4344 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=(10^healthcare_expenses)^longitude
 4345 Estimated_Glomerular_Filtration_Rate<=healthcare_expenses
 4346 Estimated_Glomerular_Filtration_Rate<=(encounters_lifetime_perc_covered+1)*mean_Estimated_Glomerular_Filtration_Rate
 4347 Estimated_Glomerular_Filtration_Rate<=maximum(medications_lifetime_dispenses,mean_Estimated_Glomerular_Filtration_Rate)
 4348 Estimated_Glomerular_Filtration_Rate<=sqrt(healthcare_expenses)/active_conditions
 4349 Estimated_Glomerular_Filtration_Rate<=-Microalbumin_Creatinine_Ratio+2*mean_Triglycerides
 4350 Estimated_Glomerular_Filtration_Rate<=maximum(Heart_rate,mean_Estimated_Glomerular_Filtration_Rate)
 4351 Estimated_Glomerular_Filtration_Rate<=2*mean_Triglycerides/device_lifetime_length
 4352 Estimated_Glomerular_Filtration_Rate<=1/num_allergies+mean_Estimated_Glomer

ular_Filtration_Rate
 4353 Estimated_Glomerular_Filtration_Rate<=Body_Height/immunizations_lifetime^2
 4354 Estimated_Glomerular_Filtration_Rate<=mean_Diastolic_Blood_Pressure^2/mean_Microalbumin_Creatinine_Ratio
 4355 Estimated_Glomerular_Filtration_Rate<=(Low_Density_Lipoprotein_Cholesterol-1)*DALY
 4356 Estimated_Glomerular_Filtration_Rate<=10^immunizations_lifetime_cost+mean_Estimated_Glomerular_Filtration_Rate
 4357 Estimated_Glomerular_Filtration_Rate<=10^QOLS*mean_Estimated_Glomerular_Filtration_Rate
 4358 Estimated_Glomerular_Filtration_Rate<=Calcium^sqrt(mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4359 Estimated_Glomerular_Filtration_Rate<=10^Potassium/encounters_count
 4360 Estimated_Glomerular_Filtration_Rate<=-active_conditions+2*mean_Estimated_Glomerular_Filtration_Rate
 4361 Estimated_Glomerular_Filtration_Rate>=longitude
 4362 Estimated_Glomerular_Filtration_Rate>=-Microalbumin_Creatinine_Ratio^2+Body_Weight
 4363
 Estimated_Glomerular_Filtration_Rate>=device_lifetime_length*procedures_lifetime
 4364 Estimated_Glomerular_Filtration_Rate>=-healthcare_expenses
 4365 Estimated_Glomerular_Filtration_Rate>=-Body_Height+Triglycerides+1
 4366 Estimated_Glomerular_Filtration_Rate>=DALY-mean_Estimated_Glomerular_Filtration_Rate+1
 4367 Estimated_Glomerular_Filtration_Rate>=(medications_lifetime+1)/mean_Glucose
 4368 Estimated_Glomerular_Filtration_Rate>=healthcare_expenses^longitude
 4369 Estimated_Glomerular_Filtration_Rate>=minimum(mean_Estimated_Glomerular_Filtration_Rate,1/medications_active)
 4370 Estimated_Glomerular_Filtration_Rate>=minimum(procedures_lifetime,mean_Estimated_Glomerular_Filtration_Rate)
 4371 Estimated_Glomerular_Filtration_Rate>=-10^mean_Creatinine+Body_Weight
 4372 Estimated_Glomerular_Filtration_Rate>=device_lifetime_length+1/2*mean_Respiratory_rate
 4373 Estimated_Glomerular_Filtration_Rate>=-Total_Cholesterol+floor(mean_Total_Cholesterol)
 4374 Estimated_Glomerular_Filtration_Rate>=Low_Density_Lipoprotein_Cholesterol^(QOLS^2)
 4375 Estimated_Glomerular_Filtration_Rate>=-lifetime_conditions^2+Heart_rate
 4376 Estimated_Glomerular_Filtration_Rate>=1/mean_Creatinine+mean_Urea_Nitrogen
 4377 Estimated_Glomerular_Filtration_Rate>=Sodium*e^(-Creatinine)
 4378 Estimated_Glomerular_Filtration_Rate>=sqrt(latitude)^immunizations_lifetime
 4379 Estimated_Glomerular_Filtration_Rate>=(10^healthcare_expenses)^longitude
 4380 Estimated_Glomerular_Filtration_Rate>=floor(mean_Estimated_Glomerular_Filtration_Rate)-mean_Calcium
 4381 Microalbumin_Creatinine_Ratio<=healthcare_expenses
 4382 Microalbumin_Creatinine_Ratio<=-encounters_count+1/2*medications_lifetime_dispendenses
 4383 Microalbumin_Creatinine_Ratio<=10^medications_lifetime_perc_covered*mean_Mi

croalbumin_Creatinine_Ratio
 4384 Microalbumin_Creatinine_Ratio<=10^active_care_plans-Urea_Nitrogen
 4385
 Microalbumin_Creatinine_Ratio<=maximum(mean_Heart_rate,1/2*medications_lifetime)
 4386 Microalbumin_Creatinine_Ratio<=2*Systolic_Blood_Pressure-medications_active
 4387 Microalbumin_Creatinine_Ratio<=10^QOLS*mean_Microalbumin_Creatinine_Ratio
 4388 Microalbumin_Creatinine_Ratio<=e^QOLS*mean_Microalbumin_Creatinine_Ratio
 4389 Microalbumin_Creatinine_Ratio<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*cei
 l(lifetime_care_plan_length)
 4390 Microalbumin_Creatinine_Ratio<=2*High_Density_Lipoprotein_Cholesterol+mean_
 Glucose
 4391 Microalbumin_Creatinine_Ratio<=log(Body_Height)^lifetime_care_plans
 4392 Microalbumin_Creatinine_Ratio<=(1/2*QALY)^mean_Creatinine
 4393 Microalbumin_Creatinine_Ratio<=sqrt(encounters_lifetime_perc_covered)*lifet
 ime_condition_length
 4394 Microalbumin_Creatinine_Ratio<=1/2*encounters_count/num_allergies
 4395 Microalbumin_Creatinine_Ratio<=2*lifetime_condition_length-
 mean_High_Density_Lipoprotein_Cholesterol
 4396 Microalbumin_Creatinine_Ratio<=e^active_conditions/mean_Urea_Nitrogen
 4397 Microalbumin_Creatinine_Ratio>=longitude
 4398
 Microalbumin_Creatinine_Ratio>=DALY^2/mean_High_Density_Lipoprotein_Cholesterol
 4399 Microalbumin_Creatinine_Ratio>=1/2*device_lifetime_length*immunizations_lif
 etime_cost
 4400
 Microalbumin_Creatinine_Ratio>=10^medications_active/lifetime_condition_length
 4401 Microalbumin_Creatinine_Ratio>=minimum(procedures_lifetime,mean_Microalbumi
 n_Creatinine_Ratio)
 4402 Microalbumin_Creatinine_Ratio>=-active_conditions^2+age
 4403 Microalbumin_Creatinine_Ratio>=-healthcare_expenses
 4404 Microalbumin_Creatinine_Ratio>=healthcare_expenses^longitude
 4405 Microalbumin_Creatinine_Ratio>=1/2*active_care_plans
 4406 Microalbumin_Creatinine_Ratio>=minimum(Respiratory_rate,mean_Microalbumin_C
 reatinine_Ratio)
 4407 Microalbumin_Creatinine_Ratio>=10^num_allergies-active_care_plans
 4408 Microalbumin_Creatinine_Ratio>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+e^
 Creatinine
 4409 Microalbumin_Creatinine_Ratio>=-2*Estimated_Glomerular_Filtration_Rate+Hear
 t_rate
 4410 Microalbumin_Creatinine_Ratio>=log(device_lifetime_length)+mean_Diastolic_B
 lood_Pressure
 4411 Microalbumin_Creatinine_Ratio>=encounters_lifetime_payer_coverage/10^Hemogl
 obin_A1c_Hemoglobin_total_in_Blood
 4412 Microalbumin_Creatinine_Ratio>=mean_Creatinine^medications_active
 4413 Microalbumin_Creatinine_Ratio>=sqrt(mean_Sodium)/DALY
 4414 Microalbumin_Creatinine_Ratio>=immunizations_lifetime^log(Chloride)
 4415 Microalbumin_Creatinine_Ratio>=(10^healthcare_expenses)^longitude
 4416 Microalbumin_Creatinine_Ratio>=-QALY+e^mean_Creatinine


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4417 mean_Body_Height<=healthcare_expenses
4418 mean_Body_Height<=ceil(Body_Height)
4419 mean_Body_Height<=Body_Height+healthcare_coverage
4420 mean_Body_Height<=Body_Height+active_care_plans
4421 mean_Body_Height<=Body_Height+active_conditions
4422 mean_Body_Height<=maximum(lifetime_condition_length,Body_Height)
4423 mean_Body_Height<=1/healthcare_expenses+Body_Height
4424 mean_Body_Height<=Body_Height+immunizations_lifetime
4425 mean_Body_Height<=Body_Height+medications_lifetime
4426 mean_Body_Height<=Body_Height+medications_lifetime_perc_covered
4427 mean_Body_Height<=Body_Height+procedures_lifetime
4428 mean_Body_Height<=maximum(Body_Height,sqrt(healthcare_coverage))
4429 mean_Body_Height<=maximum(Body_Height,Triglycerides)
4430 mean_Body_Height<=maximum(Body_Height,Platelet_mean_volume__Entitic_volume_
_in_Blood_by_Automated_count)
4431 mean_Body_Height<=maximum(Body_Height,10^procedures_lifetime)
4432 mean_Body_Height>=latitude
4433 mean_Body_Height>=floor(Body_Height)
4434 mean_Body_Height>=healthcare_expenses^longitude
4435 mean_Body_Height>=Body_Height-healthcare_coverage
4436 mean_Body_Height>=Body_Height-active_care_plans
4437 mean_Body_Height>=minimum(lifetime_care_plan_length,Body_Height)
4438 mean_Body_Height>=Body_Height-active_conditions
4439 mean_Body_Height>=minimum(lifetime_condition_length,Body_Height)
4440 mean_Body_Height>=Body_Height-encounters_lifetime_payer_coverage
4441 mean_Body_Height>=-healthcare_expenses
4442 mean_Body_Height>=Body_Height^encounters_lifetime_perc_covered
4443 mean_Body_Height>=1/longitude+Body_Height
4444 mean_Body_Height>=Body_Height^imaging_studies_lifetime
4445 mean_Body_Height>=Body_Height-immunizations_lifetime
4446 mean_Body_Height>=minimum(immunizations_lifetime_cost,Body_Height)
4447 mean_Body_Height>=Body_Height-procedures_lifetime
4448 mean_Body_Height>=Body_Height^QOLS
4449 mean_Body_Height>=minimum(Body_Height,Triglycerides)
4450 mean_Body_Height>=Body_Height-
Pain_severity__0_10_verbal_numeric_rating__Score___Reported
4451 mean_Body_Height>=minimum(Body_Height,Creatinine)
4452 mean_Body_Height>=minimum(Body_Height,Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma)
4453 mean_Body_Height>=minimum(latitude,10^healthcare_expenses)
4454 mean_Body_Mass_Index<=healthcare_expenses
4455
mean_Body_Mass_Index<=Hemoglobin__Mass_volume__in_Blood*log(Body_Height)/log(10)
4456 mean_Body_Mass_Index<=Body_Mass_Index+immunizations_lifetime
4457 mean_Body_Mass_Index<=maximum(active_care_plan_length,Body_Mass_Index)
4458 mean_Body_Mass_Index<=maximum(encounters_count,Body_Mass_Index)
4459 mean_Body_Mass_Index<=maximum(active_condition_length,Body_Mass_Index)
4460 mean_Body_Mass_Index<=maximum(age,Body_Mass_Index)

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4461 mean_Body_Mass_Index<=maximum(Body_Mass_Index,1/device_lifetime_length)
4462 mean_Body_Mass_Index<=Body_Mass_Index+healthcare_coverage
4463 mean_Body_Mass_Index<=Body_Mass_Index+active_care_plans
4464 mean_Body_Mass_Index<=maximum(medications_lifetime,Body_Mass_Index)
4465 mean_Body_Mass_Index<=Body_Mass_Index+medications_active
4466 mean_Body_Mass_Index<=Body_Mass_Index/QOLS
4467 mean_Body_Mass_Index<=QALY+log(Triglycerides)
4468 mean_Body_Mass_Index<=Body_Mass_Index+Pain_severity___0_10_verbal_numeric_r
ating__Score____Reported
4469 mean_Body_Mass_Index<=-Erythrocyte_distribution_width__Entitic_volume__by_A
utomated_count+mean_Diastolic_Blood_Pressure
4470 mean_Body_Mass_Index<=(Body_Mass_Index^2)^Creatinine
4471 mean_Body_Mass_Index<=(Sodium-1)/mean_Creatinine
4472 mean_Body_Mass_Index<=maximum(Body_Mass_Index,MCH__Entitic_mass__by_Automat
ed_count)
4473
mean_Body_Mass_Index<=Estimated_Glomerular_Filtration_Rate+lifetime_conditions
4474 mean_Body_Mass_Index<=maximum(Body_Mass_Index,active_conditions^2)
4475 mean_Body_Mass_Index<=2*Estimated_Glomerular_Filtration_Rate-1
4476 mean_Body_Mass_Index<=Respiratory_rate+e^Hemoglobin_A1c_Hemoglobin_total_in
_Blood
4477 mean_Body_Mass_Index<=maximum(Body_Mass_Index,1/2*encounters_count)
4478 mean_Body_Mass_Index<=maximum(Body_Mass_Index,sqrt(encounters_lifetime_paye
r_coverage))
4479 mean_Body_Mass_Index<=Creatinine+floor(Body_Mass_Index)
4480 mean_Body_Mass_Index>=longitude
4481 mean_Body_Mass_Index>=floor(Body_Mass_Index)
4482 mean_Body_Mass_Index>=Body_Mass_Index-immunizations_lifetime
4483 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Carbon_Dioxide)
4484 mean_Body_Mass_Index>=healthcare_expenses^longitude
4485 mean_Body_Mass_Index>=Creatinine^2+mean_Potassium
4486 mean_Body_Mass_Index>=Body_Mass_Index-medications_lifetime
4487 mean_Body_Mass_Index>=minimum(DALY,Body_Mass_Index)
4488 mean_Body_Mass_Index>=Body_Mass_Index-healthcare_coverage
4489 mean_Body_Mass_Index>=-healthcare_expenses
4490 mean_Body_Mass_Index>=Body_Mass_Index-active_care_plans
4491 mean_Body_Mass_Index>=Body_Mass_Index-active_conditions
4492 mean_Body_Mass_Index>=minimum(device_lifetime_length,Body_Mass_Index)
4493 mean_Body_Mass_Index>=Body_Mass_Index^encounters_lifetime_perc_covered
4494 mean_Body_Mass_Index>=Body_Mass_Index^imaging_studies_lifetime
4495 mean_Body_Mass_Index>=Body_Mass_Index-medications_active
4496 mean_Body_Mass_Index>=Body_Mass_Index-procedures_lifetime
4497 mean_Body_Mass_Index>=minimum(procedures_lifetime,Body_Mass_Index)
4498 mean_Body_Mass_Index>=Body_Mass_Index^QOLS
4499 mean_Body_Mass_Index>=Body_Mass_Index-QOLS
4500 mean_Body_Mass_Index>=Body_Mass_Index-
Pain_severity___0_10_verbal_numeric_rating__Score____Reported
4501 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Creatinine)

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4502 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Hemoglobin_A1c_Hemoglobin_tot
al_in_Blood)
4503 mean_Body_Mass_Index>=maximum(Body_Mass_Index,Platelet_mean_volume__Entitic
_volume__in_Blood_by_Automated_count)
4504 mean_Body_Mass_Index>=lifetime_conditions^2/mean_Respiratory_rate
4505 mean_Body_Mass_Index>=minimum(Body_Mass_Index,10^immunizations_lifetime)
4506 mean_Body_Mass_Index>=(10^healthcare_expenses)^longitude
4507 mean_Body_Mass_Index>=minimum(Body_Mass_Index,active_care_plans^2)
4508 mean_Body_Mass_Index>=minimum(Body_Mass_Index,1/medications_lifetime_perc_c
overed)
4509 mean_Body_Weight<=healthcare_expenses
4510 mean_Body_Weight<=Body_Weight+active_care_plans
4511 mean_Body_Weight<=maximum(lifetime_care_plan_length,Body_Weight)
4512 mean_Body_Weight<=log(Erythrocytes___volume__in_Blood_by_Automated_count)/
log(10)+Body_Weight
4513 mean_Body_Weight<=Chloride-1
4514 mean_Body_Weight<=Body_Weight/imaging_studies_lifetime
4515 mean_Body_Weight<=Body_Weight+healthcare_coverage
4516 mean_Body_Weight<=Body_Weight+immunizations_lifetime_cost
4517 mean_Body_Weight<=Body_Weight+medications_lifetime
4518 mean_Body_Weight<=Body_Weight+procedures_lifetime
4519 mean_Body_Weight<=Body_Weight+Pain_severity___0_10_verbal_numeric_rating__S
core___Reported
4520 mean_Body_Weight<=maximum(Body_Weight,1/2*Total_Cholesterol)
4521 mean_Body_Weight<=maximum(Body_Weight,DALY^2)
4522 mean_Body_Weight<=Diastolic_Blood_Pressure+mean_Estimated_Glomerular_Filtra
tion_Rate-1
4523 mean_Body_Weight<=Glucose+mean_Estimated_Glomerular_Filtration_Rate-1
4524 mean_Body_Weight<=maximum(Body_Weight,floor(lifetime_care_plan_length))
4525 mean_Body_Weight<=maximum(Body_Weight,e^active_conditions)
4526 mean_Body_Weight<=maximum(Body_Weight,1/device_lifetime_length)
4527 mean_Body_Weight<=maximum(Body_Weight,2*encounters_count)
4528 mean_Body_Weight<=Body_Weight+floor(Creatinine)
4529 mean_Body_Weight<=maximum(Body_Weight,10^medications_active)
4530 mean_Body_Weight<=maximum(Body_Weight,10^procedures_lifetime)
4531 mean_Body_Weight<=maximum(Triglycerides,abs(Body_Weight))
4532 mean_Body_Weight>=latitude
4533 mean_Body_Weight>=ceil(High_Density_Lipoprotein_Cholesterol)
4534 mean_Body_Weight>=floor(Body_Weight)-medications_lifetime_perc_covered
4535 mean_Body_Weight>=healthcare_expenses^longitude
4536 mean_Body_Weight>=minimum(age,Body_Weight)
4537 mean_Body_Weight>=Body_Weight-active_care_plans
4538 mean_Body_Weight>=-healthcare_expenses
4539 mean_Body_Weight>=Body_Weight-active_conditions
4540 mean_Body_Weight>=minimum(Body_Weight,2*active_care_plan_length)
4541 mean_Body_Weight>=Body_Weight-encounters_lifetime_payer_coverage
4542 mean_Body_Weight>=Body_Weight^encounters_lifetime_perc_covered
4543 mean_Body_Weight>=Body_Weight^QOLS

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4544 mean_Body_Weight>=minimum(Diastolic_Blood_Pressure,Body_Weight)
4545 mean_Body_Weight>=Body_Weight-healthcare_coverage
4546 mean_Body_Weight>=Body_Weight~imaging_studies_lifetime
4547 mean_Body_Weight>=Body_Weight-immunizations_lifetime
4548 mean_Body_Weight>=Body_Weight-medications_lifetime
4549 mean_Body_Weight>=Body_Weight-medications_active
4550 mean_Body_Weight>=Body_Weight-procedures_lifetime
4551 mean_Body_Weight>=minimum(Heart_rate,Body_Weight)
4552 mean_Body_Weight>=minimum(Body_Weight,Estimated_Glomerular_Filtration_Rate)
4553 mean_Body_Weight>=minimum(Body_Weight,High_Density_Lipoprotein_Cholesterol)
4554 mean_Body_Weight>=minimum(Body_Weight,Creatinine)
4555
mean_Body_Weight>=minimum(Body_Weight,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4556 mean_Body_Weight>=maximum(Body_Weight,Platelet_mean_volume__Entitic_volume__
_in_Blood_by_Automated_count)
4557 mean_Body_Weight>=minimum(latitude,10^healthcare_expenses)
4558 mean_Body_Weight>=Body_Weight+log(encounters_lifetime_perc_covered)
4559 mean_Body_Weight>=1/2*Microalbumin_Creatinine_Ratio-lifetime_conditions
4560 mean_Body_Weight>=minimum(Body_Weight,1/medications_lifetime_perc_covered)
4561 mean_Calcium<=healthcare_expenses
4562 mean_Calcium<=Calcium+healthcare_coverage
4563 mean_Calcium<=floor(Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma)-1
4564 mean_Calcium<=mean_Globulin__Mass_volume__in_Serum_by_calculation*sqrt(mean
_Glomerular_filtration_rate_1_73_sq_M_predicted)
4565 mean_Calcium<=minimum(Estimated_Glomerular_Filtration_Rate,2*Erythrocytes__
__volume__in_Blood_by_Automated_count)
4566 mean_Calcium<=sqrt(Systolic_Blood_Pressure)-imaging_studies_lifetime
4567
mean_Calcium<=maximum(Calcium,e^Globulin__Mass_volume__in_Serum_by_calculation)
4568 mean_Calcium<=2*mean_Carbon_Dioxide/mean_Creatinine
4569 mean_Calcium<=active_care_plan_length+immunizations_lifetime_cost+1
4570 mean_Calcium<=Calcium+DALY
4571 mean_Calcium<=1/2*mean_Estimated_Glomerular_Filtration_Rate
4572 mean_Calcium<=Calcium^active_care_plans
4573 mean_Calcium<=maximum(Respiratory_rate,Calcium)
4574 mean_Calcium<=Calcium+log(active_care_plans)
4575 mean_Calcium<=2*Calcium/immunizations_lifetime
4576 mean_Calcium<=Calcium+procedures_lifetime
4577 mean_Calcium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*e^Creatinine
4578 mean_Calcium<=maximum(Calcium,Microalbumin_Creatinine_Ratio)
4579 mean_Calcium<=maximum(lifetime_care_plan_length,Calcium)
4580 mean_Calcium<=maximum(encounters_count,Calcium)
4581
mean_Calcium<=log(mean_Estimated_Glomerular_Filtration_Rate)^active_care_plans
4582 mean_Calcium<=Calcium+medications_active
4583 mean_Calcium<=minimum(healthcare_expenses,floor(Platelet_mean_volume__Entit
ic_volume__in_Blood_by_Automated_count))

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4584 mean_Calcium<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*mean_Hemoglobin_
A1c_Hemoglobin_total_in_Blood
4585 mean_Calcium<=(lifetime_conditions^2)^Creatinine
4586
mean_Calcium<=sqrt(mean_Chloride)-Bilirubin_total__Mass_volume__in_Serum,Plasma
4587 mean_Calcium<=DALY^2+Calcium
4588 mean_Calcium<=maximum(Calcium,e^lifetime_care_plans)
4589 mean_Calcium<=(encounters_lifetime_perc_covered+1)*Calcium
4590 mean_Calcium<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)^mean_Potassium
4591 mean_Calcium>=longitude
4592 mean_Calcium>=-Pain_severity___0_10_verbal_numeric_rating__Score___Reporte
d+2*mean_Creatinine
4593 mean_Calcium>=2*DALY/active_conditions
4594 mean_Calcium>=Calcium-immunizations_lifetime
4595
mean_Calcium>=minimum(Calcium,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4596 mean_Calcium>=-QOLS+1/2*active_conditions
4597 mean_Calcium>=(log(Protein__Mass_volume__in_Serum,Plasma)/log(10))^mean_Cre
atinine
4598 mean_Calcium>=Calcium-procedures_lifetime
4599 mean_Calcium>=10^imaging_studies_lifetime-encounters_lifetime_perc_covered
4600 mean_Calcium>=healthcare_expenses^longitude
4601 mean_Calcium>=immunizations_lifetime^2+Potassium
4602 mean_Calcium>=-healthcare_expenses
4603 mean_Calcium>=1/2*Respiratory_rate+1/2
4604 mean_Calcium>=Calcium^QOLS
4605 mean_Calcium>=Protein__Mass_volume__in_Serum,Plasma/Urea_Nitrogen
4606 mean_Calcium>=sqrt(QALY)+encounters_lifetime_perc_covered
4607 mean_Calcium>=Calcium-medications_lifetime
4608 mean_Calcium>=minimum(Calcium,1/2*mean_Urea_Nitrogen)
4609 mean_Calcium>=-Microalbumin_Creatinine_Ratio+lifetime_conditions
4610 mean_Calcium>=Creatinine+mean_Potassium
4611 mean_Calcium>=log(Chloride)+mean_Creatinine
4612 mean_Calcium>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,floor(
Calcium))
4613 mean_Calcium>=DALY-encounters_count
4614 mean_Calcium>=sqrt(Triglycerides)^medications_lifetime_perc_covered
4615 mean_Calcium>=(1/2*MCV__Entitic_volume__by_Automated_count)^encounters_lif
etime_perc_covered
4616 mean_Calcium>=log(Estimated_Glomerular_Filtration_Rate^2)
4617 mean_Calcium>=Calcium-healthcare_coverage
4618
mean_Calcium>=floor(Creatinine)+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
4619 mean_Calcium>=Calcium/active_care_plans
4620 mean_Calcium>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+1/2*device_lifetime_
length
4621 mean_Calcium>=(10^healthcare_expenses)^longitude
4622 mean_Carbon_Dioxide<=healthcare_expenses

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4623 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,Microalbumin_Creatinine_Ratio)
4624 mean_Carbon_Dioxide<=2*mean_Estimated_Glomerular_Filtration_Rate-
mean_Urea_Nitrogen
4625 mean_Carbon_Dioxide<=maximum(Triglycerides,Carbon_Dioxide)
4626 mean_Carbon_Dioxide<=Carbon_Dioxide+immunizations_lifetime_cost
4627 mean_Carbon_Dioxide<=maximum(Body_Mass_Index,Carbon_Dioxide)
4628 mean_Carbon_Dioxide<=sqrt(lifetime_condition_length)+Glomerular_filtration_
rate_1_73_sq_M_predicted
4629 mean_Carbon_Dioxide<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Estimated
_Glomerular_Filtration_Rate
4630 mean_Carbon_Dioxide<=Carbon_Dioxide+Potassium-1
4631 mean_Carbon_Dioxide<=1/medications_lifetime_perc_covered+mean_Glomerular_fi
ltration_rate_1_73_sq_M_predicted
4632 mean_Carbon_Dioxide<=Carbon_Dioxide+healthcare_coverage
4633 mean_Carbon_Dioxide<=maximum(encounters_count,Carbon_Dioxide)
4634 mean_Carbon_Dioxide<=Carbon_Dioxide^active_care_plans
4635 mean_Carbon_Dioxide<=sqrt(lifetime_care_plan_length)+mean_Estimated_Glomeru
lar_Filtration_Rate
4636 mean_Carbon_Dioxide<=Carbon_Dioxide/QOLS
4637 mean_Carbon_Dioxide<=(active_condition_length+1)/encounters_lifetime_perc_c
overed
4638 mean_Carbon_Dioxide<=Carbon_Dioxide+procedures_lifetime_cost
4639 mean_Carbon_Dioxide<=QALY+mean_Pain_severity___0_10_verbal_numeric_rating__
Score___Reported+1
4640 mean_Carbon_Dioxide<=Alanine_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma/immunizations_lifetime
4641 mean_Carbon_Dioxide<=minimum(Protein__Mass_volume__in_Serum,Plasma,ceil(mea
n_Estimated_Glomerular_Filtration_Rate))
4642 mean_Carbon_Dioxide<=Bilirubin_total__Mass_volume__in_Serum,Plasma+Carbon_D
ioxide
4643
mean_Carbon_Dioxide<=Estimated_Glomerular_Filtration_Rate+active_conditions-1
4644 mean_Carbon_Dioxide<=Carbon_Dioxide+Creatinine+1
4645
mean_Carbon_Dioxide<=Body_Mass_Index+log(mean_Microalbumin_Creatinine_Ratio)
4646 mean_Carbon_Dioxide<=1/2*Heart_rate-active_care_plans
4647 mean_Carbon_Dioxide<=minimum(healthcare_expenses,2*Hemoglobin__Mass_volume_
_in_Blood)
4648 mean_Carbon_Dioxide>=longitude
4649 mean_Carbon_Dioxide>=minimum(healthcare_coverage,1/encounters_lifetime_perc
_covered)
4650 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,mean_Potassium^2)
4651 mean_Carbon_Dioxide>=floor(QALY)-mean_High_Density_Lipoprotein_Cholesterol
4652 mean_Carbon_Dioxide>=(log(Estimated_Glomerular_Filtration_Rate)/log(10))^de
vice_lifetime_length
4653 mean_Carbon_Dioxide>=sqrt(Carbon_Dioxide)+lifetime_conditions
4654 mean_Carbon_Dioxide>=-healthcare_expenses
4655 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,e^Pain_severity___0_10_verbal_n

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numeric_rating__Score____Reported)
4656 mean_Carbon_Dioxide>=mean_Creatinine^2+encounters_lifetime_perc_covered
4657 mean_Carbon_Dioxide>=healthcare_expenses^longitude
4658 mean_Carbon_Dioxide>=sqrt(Carbon_Dioxide)*Creatinine
4659 mean_Carbon_Dioxide>=Carbon_Dioxide-healthcare_coverage
4660 mean_Carbon_Dioxide>=minimum(DALY,Carbon_Dioxide-1)
4661 mean_Carbon_Dioxide>=minimum(DALY,1/medications_lifetime_perc_covered)
4662 mean_Carbon_Dioxide>=Calcium+1/2*Carbon_Dioxide
4663 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,mean_Pain_severity___0_10_verba
l_numeric_rating__Score____Reported)
4664 mean_Carbon_Dioxide>=Carbon_Dioxide-medications_lifetime
4665 mean_Carbon_Dioxide>=Carbon_Dioxide-Microalbumin_Creatinine_Ratio+1
4666 mean_Carbon_Dioxide>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted
,Carbon_Dioxide-1)
4667 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,10^immunizations_lifetime)
4668 mean_Carbon_Dioxide>=maximum(mean_Estimated_Glomerular_Filtration_Rate,mean
_Albumin__Mass_volume__in_Serum,Plasma)
4669 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,e^num_allergies)
4670 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,1/2*latitude)
4671 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,1/medications_active)
4672 mean_Carbon_Dioxide>=minimum(procedures_lifetime,Carbon_Dioxide)
4673 mean_Carbon_Dioxide>=floor(Alkaline_phosphatase__Enzymatic_activity_volume_
_in_Serum,Plasma)/mean_Potassium
4674 mean_Carbon_Dioxide>=(Diastolic_Blood_Pressure-1)^encounters_lifetime_perc_
covered
4675 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,1/DALY)
4676 mean_Carbon_Dioxide>=mean_Albumin__Mass_volume__in_Serum,Plasma^2-procedure
s_lifetime
4677 mean_Carbon_Dioxide>=Carbon_Dioxide-Creatinine-1
4678 mean_Carbon_Dioxide>=floor(Urea_Nitrogen)+mean_Albumin__Mass_volume__in_Ser
um,Plasma
4679 mean_Carbon_Dioxide>=minimum(mean_Microalbumin_Creatinine_Ratio,10^immuniza
tions_lifetime)
4680 mean_Carbon_Dioxide>=(10^healthcare_expenses)^longitude
4681 mean_Carbon_Dioxide>=Carbon_Dioxide/active_care_plans
4682 mean_Carbon_Dioxide>=Creatinine+1/2*DALY
4683 mean_Carbon_Dioxide>=(log(Respiratory_rate)/log(10))^active_conditions
4684 mean_Chloride<=healthcare_expenses
4685 mean_Chloride<=2*Protein__Mass_volume__in_Serum,Plasma-medications_active
4686 mean_Chloride<=maximum(Total_Cholesterol,abs(Chloride))
4687 mean_Chloride<=maximum(lifetime_condition_length,Chloride+1)
4688 mean_Chloride<=Chloride+healthcare_coverage
4689 mean_Chloride<=Chloride+medications_lifetime
4690 mean_Chloride<=Chloride+immunizations_lifetime_cost
4691 mean_Chloride<=Chloride+Potassium
4692 mean_Chloride<=Systolic_Blood_Pressure+1/2*encounters_count
4693 mean_Chloride<=Chloride+procedures_lifetime_cost
4694 mean_Chloride<=Chloride^active_care_plans

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4695 mean_Chloride<=Albumin__Mass_volume__in_Serum,Plasma+Chloride-1
4696 mean_Chloride<=Body_Weight+floor(age)
4697 mean_Chloride<=Body_Height^2/Total_Cholesterol
4698 mean_Chloride<=maximum(Chloride,10^lifetime_care_plans)
4699 mean_Chloride<=maximum(medications_lifetime_dispenses,Chloride)
4700 mean_Chloride<=medications_active^2+Chloride
4701 mean_Chloride<=floor(latitude)+mean_Alkaline_phosphatase__Enzymatic_activit
y_volume__in_Serum,Plasma
4702 mean_Chloride<=Chloride+log(encounters_count)
4703 mean_Chloride<=maximum(Chloride,10^Microalbumin_Creatinine_Ratio)
4704 mean_Chloride<=active_care_plans+ceil(Chloride)
4705
mean_Chloride<=Chloride+log(mean_Glomerular_filtration_rate_1_73_sq_M_predicted)
4706 mean_Chloride<=sqrt(Body_Mass_Index)*Carbon_Dioxide
4707 mean_Chloride<=sqrt(Body_Mass_Index)*mean_Carbon_Dioxide
4708 mean_Chloride<=Chloride*ceil(mean_Creatinine)
4709
mean_Chloride<=Chloride+ceil(Globulin__Mass_volume__in_Serum_by_calculation)
4710 mean_Chloride<=Diastolic_Blood_Pressure+2*mean_Estimated_Glomerular_Filtrat
ion_Rate
4711 mean_Chloride<=(mean_Total_Cholesterol-1)/immunizations_lifetime
4712 mean_Chloride>=latitude
4713 mean_Chloride>=10^immunizations_lifetime+Hemoglobin_A1c_Hemoglobin_total_in
_Blood
4714 mean_Chloride>=minimum(Chloride,procedures_lifetime^2)
4715 mean_Chloride>=2*High_Density_Lipoprotein_Cholesterol-QALY
4716 mean_Chloride>=Body_Weight+1
4717 mean_Chloride>=minimum(Chloride,mean_Body_Mass_Index)
4718
mean_Chloride>=-High_Density_Lipoprotein_Cholesterol+2*active_care_plan_length
4719 mean_Chloride>=Chloride-Microalbumin_Creatinine_Ratio+1
4720 mean_Chloride>=(Chloride+1)^imaging_studies_lifetime
4721 mean_Chloride>=-healthcare_expenses
4722 mean_Chloride>=Calcium+ceil(Estimated_Glomerular_Filtration_Rate)
4723 mean_Chloride>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma+QALY
4724 mean_Chloride>=healthcare_expenses^longitude
4725 mean_Chloride>=-Carbon_Dioxide+Glucose+1
4726 mean_Chloride>=minimum(Chloride,sqrt(medications_lifetime_length))
4727 mean_Chloride>=sqrt(medications_lifetime_dispenses)+latitude
4728
mean_Chloride>=floor(Glomerular_filtration_rate_1_73_sq_M_predicted)/Creatinine
4729 mean_Chloride>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,P
lasma+2*active_condition_length
4730 mean_Chloride>=Calcium^2+Pain_severity___0_10_verbal_numeric_rating__Score_
___Reported
4731 mean_Chloride>=Globulin__Mass_volume__in_Serum_by_calculation+Glucose-1
4732 mean_Chloride>=Chloride-medications_lifetime

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4733 mean_Chloride>=Glucose-lifetime_conditions-1
4734 mean_Chloride>=Chloride-healthcare_coverage
4735 mean_Chloride>=Chloride/active_care_plans
4736 mean_Chloride>=Chloride-mean_Potassium
4737 mean_Chloride>=Chloride^QOLS
4738 mean_Chloride>=Urea_Nitrogen*log(Body_Height)
4739 mean_Chloride>=log(active_care_plans)^lifetime_care_plans
4740 mean_Chloride>=1/2*Low_Density_Lipoprotein_Cholesterol+mean_Body_Mass_Index
4741 mean_Chloride>=(1/2*Platelet_distribution_width_Entitic_volume__in_Blood_b
y_Automated_count)^medications_lifetime_perc_covered
4742 mean_Chloride>=minimum(latitude,10^healthcare_expenses)
4743 mean_Chloride>=DALY*log(Respiratory_rate)
4744 mean_Chloride>=2*mean_Sodium/Hemoglobin_A1c_Hemoglobin_total_in_Blood
4745 mean_Chloride>=floor(lifetime_care_plan_length)^imaging_studies_lifetime
4746 mean_Chloride>=-Calcium+mean_Glucose-1
4747 mean_Chloride>=QALY*log(device_lifetime_length)
4748 mean_Chloride>=Chloride-procedures_lifetime_cost-1
4749 mean_Creatinine<=healthcare_expenses
4750 mean_Creatinine<=(medications_lifetime_dispenses+1)/Glomerular_filtration_r
ate_1_73_sq_M_predicted
4751 mean_Creatinine<=Creatinine^2*Potassium
4752 mean_Creatinine<=Creatinine*active_care_plans
4753 mean_Creatinine<=2*lifetime_care_plan_length/device_lifetime_length
4754 mean_Creatinine<=sqrt(encounters_lifetime_perc_covered)+mean_Potassium
4755
mean_Creatinine<=Albumin__Mass_volume__in_Serum,Plasma*log(mean_Calcium)/log(10)
4756 mean_Creatinine<=(mean_Low_Density_Lipoprotein_Cholesterol-1)/mean_Estimate
d_Glomerular_Filtration_Rate
4757 mean_Creatinine<=-Potassium+Urea_Nitrogen
4758 mean_Creatinine<=-mean_Globulin__Mass_volume__in_Serum_by_calculation+medic
ations_lifetime+1
4759 mean_Creatinine<=(Potassium-1)/imaging_studies_lifetime
4760 mean_Creatinine<=Creatinine+healthcare_coverage
4761 mean_Creatinine<=Globulin__Mass_volume__in_Serum_by_calculation+procedures_
lifetime
4762 mean_Creatinine<=maximum(Respiratory_rate,Creatinine)
4763 mean_Creatinine<=(mean_Sodium+1)/Estimated_Glomerular_Filtration_Rate
4764 mean_Creatinine<=Potassium+2*QOLS
4765 mean_Creatinine<=1/medications_lifetime_perc_covered+Hemoglobin_A1c_Hemoglo
bin_total_in_Blood
4766 mean_Creatinine<=10^medications_active+1
4767 mean_Creatinine<=Creatinine*sqrt(active_care_plans)
4768 mean_Creatinine<=medications_lifetime_dispenses/Estimated_Glomerular_Filtra
tion_Rate
4769 mean_Creatinine<=sqrt(Body_Mass_Index)-num_allergies
4770 mean_Creatinine<=10^encounters_lifetime_perc_covered*Creatinine
4771 mean_Creatinine<=Creatinine+medications_lifetime
4772 mean_Creatinine<=2*Heart_rate/DALY

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4773 mean_Creatinine<=Creatinine+DALY
4774 mean_Creatinine<=sqrt(High_Density_Lipoprotein_Cholesterol)-Pain_severity__
_0_10_verbal_numeric_rating__Score____Reported
4775 mean_Creatinine<=High_Density_Lipoprotein_Cholesterol^2/Triglycerides
4776 mean_Creatinine<=maximum(Creatinine,10^immunizations_lifetime)
4777 mean_Creatinine<=log(Glomerular_filtration_rate_1_73_sq_M_predicted)-medica
tions_lifetime_perc_covered
4778 mean_Creatinine<=maximum(Creatinine,1/2*Microalbumin_Creatinine_Ratio)
4779 mean_Creatinine<=-Calcium+ceil(Aspartate_aminotransferase__Enzymatic_activi
ty_volume__in_Serum,Plasma)
4780 mean_Creatinine<=maximum(Triglycerides,10^procedures_lifetime)
4781 mean_Creatinine<=maximum(active_care_plans,ceil(Creatinine))
4782 mean_Creatinine<=maximum(Triglycerides,ceil(Creatinine))
4783 mean_Creatinine>=longitude
4784 mean_Creatinine>=2*Carbon_Dioxide/mean_Estimated_Glomerular_Filtration_Rate
4785 mean_Creatinine>=(High_Density_Lipoprotein_Cholesterol+1)/mean_Estimated_Gl
omerular_Filtration_Rate
4786 mean_Creatinine>=mean_Globulin__Mass_volume__in_Serum_by_calculation-1
4787 mean_Creatinine>=Creatinine-healthcare_coverage
4788 mean_Creatinine>=-healthcare_expenses
4789 mean_Creatinine>=minimum(encounters_lifetime_perc_covered,Creatinine)
4790 mean_Creatinine>=minimum(immunizations_lifetime,Creatinine)
4791 mean_Creatinine>=Creatinine-
Pain_severity___0_10_verbal_numeric_rating__Score____Reported
4792 mean_Creatinine>=Microalbumin_Creatinine_Ratio/encounters_count
4793 mean_Creatinine>=1/2*Low_Density_Lipoprotein_Cholesterol/mean_Diastolic_Blo
od_Pressure
4794 mean_Creatinine>=minimum(Creatinine,log(mean_Potassium))
4795 mean_Creatinine>=-Globulin__Mass_volume__in_Serum_by_calculation+1/2*active
_conditions
4796 mean_Creatinine>=log(2*Aspartate_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma)/log(10)
4797 mean_Creatinine>=Creatinine-procedures_lifetime
4798 mean_Creatinine>=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+1/2*num
_allergies
4799 mean_Creatinine>=minimum(Creatinine,-Respiratory_rate)
4800 mean_Creatinine>=healthcare_expenses^longitude
4801 mean_Creatinine>=Creatinine-DALY
4802 mean_Creatinine>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score_
__Reported,Creatinine)
4803 mean_Creatinine>=(encounters_count-1)/Alkaline_phosphatase__Enzymatic_activ
ity_volume__in_Serum,Plasma
4804 mean_Creatinine>=(mean_Microalbumin_Creatinine_Ratio+1)/age
4805 mean_Creatinine>=(10^healthcare_expenses)^longitude
4806 mean_Creatinine>=-DALY+lifetime_care_plans
4807 mean_Creatinine>=minimum(Creatinine,log(lifetime_care_plans))
4808 mean_Creatinine>=active_conditions-encounters_count
4809 mean_Creatinine>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in

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_Serum,Plasma+mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma-1
4810 mean_Creatinine>=2*mean_Microalbumin_Creatinine_Ratio/mean_Low_Density_Lipo
protein_Cholesterol
4811 mean_Creatinine>=QOLS^active_care_plans
4812 mean_Creatinine>=QOLS-medications_lifetime
4813 mean_DALY<=DALY
4814 mean_DALY<=encounters_lifetime_total_cost
4815 mean_DALY>=DALY
4816 mean_Diastolic_Blood_Pressure<=healthcare_expenses
4817 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+active_conditions
4818
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+medications_lifetime
4819
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+active_care_plan_length
4820 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+encounters_lifetime
_payer_coverage
4821 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure/encounters_lifetime
_perc_covered
4822 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+healthcare_coverage
4823 mean_Diastolic_Blood_Pressure<=maximum(medications_lifetime_cost,Diastolic_
Blood_Pressure)
4824 mean_Diastolic_Blood_Pressure<=maximum(medications_lifetime_dispenses,Diast
olic_Blood_Pressure)
4825
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+procedures_lifetime_cost
4826
mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,e^Potassium)
4827 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,1/2*Total_C
holesterol)
4828 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+mean_Calcium-1
4829
mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,mean_Glucose)
4830 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,1/device_li
fetime_length)
4831 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,active_care
_plan_length^2)
4832 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+log(MCV__Entitic_vo
lume__by_Automated_count)
4833 mean_Diastolic_Blood_Pressure<=maximum(Triglycerides,floor(Diastolic_Blood_
Pressure))
4834
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+2*lifetime_care_plans
4835 mean_Diastolic_Blood_Pressure<=log(Estimated_Glomerular_Filtration_Rate)+me
an_Heart_rate
4836 mean_Diastolic_Blood_Pressure<=1/2*Body_Height+immunizations_lifetime_cost
4837
mean_Diastolic_Blood_Pressure<=maximum(Sodium,floor(Diastolic_Blood_Pressure))

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4838 mean_Diastolic_Blood_Pressure<=Carbon_Dioxide*log(High_Density_Lipoprotein_Cholesterol)
 4839
 mean_Diastolic_Blood_Pressure<=maximum(encounters_count,1/2*Total_Cholesterol)
 4840 mean_Diastolic_Blood_Pressure<=10^QOLS*Diastolic_Blood_Pressure
 4841 mean_Diastolic_Blood_Pressure<=2*Estimated_Glomerular_Filtration_Rate+mean_High_Density_Lipoprotein_Cholesterol
 4842 mean_Diastolic_Blood_Pressure<=Potassium^2+Heart_rate
 4843 mean_Diastolic_Blood_Pressure<=2*lifetime_condition_length/imaging_studies_lifetime
 4844 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,sqrt(health_care_coverage))
 4845 mean_Diastolic_Blood_Pressure<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+Body_Weight
 4846 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,10^active_care_plans)
 4847 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,e^active_conditions)
 4848 mean_Diastolic_Blood_Pressure<=1/2*Chloride+QALY
 4849
 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,Urea_Nitrogen^2)
 4850 mean_Diastolic_Blood_Pressure>=latitude
 4851 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,-longitude)
 4852 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-medications_lifetime
 4853 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,1/DALY)
 4854 mean_Diastolic_Blood_Pressure>=1/2*Low_Density_Lipoprotein_Cholesterol+QOLS
 4855 mean_Diastolic_Blood_Pressure>=-healthcare_expenses
 4856 mean_Diastolic_Blood_Pressure>=High_Density_Lipoprotein_Cholesterol-1
 4857 mean_Diastolic_Blood_Pressure>=-Estimated_Glomerular_Filtration_Rate+1/2*Triglycerides
 4858 mean_Diastolic_Blood_Pressure>=maximum(Diastolic_Blood_Pressure,Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
 4859 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-active_condition_length
 4860 mean_Diastolic_Blood_Pressure>=healthcare_expenses^longitude
 4861 mean_Diastolic_Blood_Pressure>=-Heart_rate+mean_Sodium
 4862 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-active_care_plan_length
 4863 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-encounters_lifetime_payer_coverage
 4864 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure^encounters_lifetime_perc_covered
 4865 mean_Diastolic_Blood_Pressure>=sqrt(active_conditions)^Pain_severity__0_10_verbal_numeric_rating__Score___Reported
 4866 mean_Diastolic_Blood_Pressure>=minimum(QALY,Diastolic_Blood_Pressure)
 4867 mean_Diastolic_Blood_Pressure>=QALY*log(DALY)/log(10)
 4868 mean_Diastolic_Blood_Pressure>=minimum(active_care_plan_length,Diastolic_Blood_Pressure)

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ood_Pressure)
4869 mean_Diastolic_Blood_Pressure>=floor(High_Density_Lipoprotein_Cholesterol)/
Creatinine
4870 mean_Diastolic_Blood_Pressure>=ceil(Body_Weight)-mean_Carbon_Dioxide
4871 mean_Diastolic_Blood_Pressure>=2*mean_Estimated_Glomerular_Filtration_Rate*
medications_lifetime_perc_covered
4872
mean_Diastolic_Blood_Pressure>=sqrt(medications_lifetime_cost)/Respiratory_rate
4873 mean_Diastolic_Blood_Pressure>=High_Density_Lipoprotein_Cholesterol+log(med
ications_active)
4874 mean_Diastolic_Blood_Pressure>=active_conditions*log(QALY)
4875 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-
lifetime_conditions-1
4876 mean_Diastolic_Blood_Pressure>=num_allergies^2/DALY
4877 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-healthcare_coverage
4878 mean_Diastolic_Blood_Pressure>=active_care_plans^2+Carbon_Dioxide
4879 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,10^immuniza
tions_lifetime)
4880 mean_Diastolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
4881 mean_Diastolic_Blood_Pressure>=sqrt(Respiratory_rate)*Urea_Nitrogen
4882 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,2*device_li
fetime_length)
4883 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-
immunizations_lifetime_cost-1
4884 mean_Diastolic_Blood_Pressure>=sqrt(lifetime_condition_length)+DALY
4885 mean_Diastolic_Blood_Pressure>=1/2*Heart_rate/Creatinine
4886 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,1/Pain_seve
rity___0_10_verbal_numeric_rating__Score___Reported)
4887 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,e^medicatio
ns_active)
4888 mean_Diastolic_Blood_Pressure>=minimum(Estimated_Glomerular_Filtration_Rate
,floor(Diastolic_Blood_Pressure))
4889 mean_Diastolic_Blood_Pressure>=(Creatinine+1)*mean_Respiratory_rate
4890 mean_Diastolic_Blood_Pressure>=Urea_Nitrogen*log(Estimated_Glomerular_Filtr
ation_Rate)
4891 mean_Estimated_Glomerular_Filtration_Rate<=healthcare_expenses
4892 mean_Estimated_Glomerular_Filtration_Rate<=2*Estimated_Glomerular_Filtratio
n_Rate-mean_Calcium
4893 mean_Estimated_Glomerular_Filtration_Rate<=maximum(age,Estimated_Glomerular
_Filtration_Rate)
4894 mean_Estimated_Glomerular_Filtration_Rate<=1/2*mean_Diastolic_Blood_Pressur
e/medications_lifetime_perc_covered
4895 mean_Estimated_Glomerular_Filtration_Rate<=maximum(active_condition_length,
Estimated_Glomerular_Filtration_Rate)
4896 mean_Estimated_Glomerular_Filtration_Rate<=(DALY+1)/num_allergies
4897
mean_Estimated_Glomerular_Filtration_Rate<=DALY^2+immunizations_lifetime_cost
4898 mean_Estimated_Glomerular_Filtration_Rate<=active_conditions^(log(mean_Low_

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Density_Lipoprotein_Cholesterol)/log(10))
4899 mean_Estimated_Glomerular_Filtration_Rate<=10^Pain_severity___0_10_verbal_n
    umeric_rating__Score___Reported*Estimated_Glomerular_Filtration_Rate
4900 mean_Estimated_Glomerular_Filtration_Rate<=mean_Glucose^2/encounters_count
4901 mean_Estimated_Glomerular_Filtration_Rate<=(log(encounters_lifetime_total_c
    ost)/log(10))^Hemoglobin_A1c_Hemoglobin_total_in_Blood
4902 mean_Estimated_Glomerular_Filtration_Rate<=-log(device_lifetime_length)/log
    (10)+Carbon_Dioxide
4903 mean_Estimated_Glomerular_Filtration_Rate<=1/2*Estimated_Glomerular_Filtrat
    ion_Rate*lifetime_care_plans
4904 mean_Estimated_Glomerular_Filtration_Rate<=lifetime_condition_length+mean_U
    rea_Nitrogen-1
4905 mean_Estimated_Glomerular_Filtration_Rate<=(encounters_lifetime_payer_cover
    age^2)^encounters_lifetime_perc_covered
4906 mean_Estimated_Glomerular_Filtration_Rate>=longitude
4907 mean_Estimated_Glomerular_Filtration_Rate>=sqrt(Body_Weight)+Calcium
4908 mean_Estimated_Glomerular_Filtration_Rate>=2*DALY-
    mean_Microalbumin_Creatinine_Ratio
4909 mean_Estimated_Glomerular_Filtration_Rate>=(mean_Pain_severity___0_10_verba
    l_numeric_rating__Score___Reported-1)*device_lifetime_length
4910 mean_Estimated_Glomerular_Filtration_Rate>=sqrt(lifetime_conditions)*mean_C
    reatinine
4911 mean_Estimated_Glomerular_Filtration_Rate>=Hemoglobin_A1c_Hemoglobin_total_
    in_Blood^2/DALY
4912 mean_Estimated_Glomerular_Filtration_Rate>=-healthcare_expenses
4913 mean_Estimated_Glomerular_Filtration_Rate>=healthcare_expenses^longitude
4914 mean_Estimated_Glomerular_Filtration_Rate>=-10^medications_active+Estimated
    _Glomerular_Filtration_Rate
4915 mean_Estimated_Glomerular_Filtration_Rate>=1/2*QOLS*active_care_plan_length
4916 mean_Estimated_Glomerular_Filtration_Rate>=minimum(procedures_lifetime,Esti
    mated_Glomerular_Filtration_Rate)
4917
mean_Estimated_Glomerular_Filtration_Rate>=active_care_plans+mean_Urea_Nitrogen
4918
mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_Rate-
    immunizations_lifetime_cost-1
4919 mean_Estimated_Glomerular_Filtration_Rate>=active_care_plan_length*log(devi
    ce_lifetime_length)/log(10)
4920 mean_Estimated_Glomerular_Filtration_Rate>=-10^lifetime_care_plans+Low_Dens
    ity_Lipoprotein_Cholesterol
4921 mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_
    Rate/floor(Microalbumin_Creatinine_Ratio)
4922 mean_Estimated_Glomerular_Filtration_Rate>=active_conditions+log(DALY)
4923 mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_
    Rate/(encounters_lifetime_perc_covered+1)
4924
mean_Estimated_Glomerular_Filtration_Rate>=(10^healthcare_expenses)^longitude
4925 mean_Estimated_Glomerular_Filtration_Rate>=floor(QALY)-mean_Microalbumin_Cr

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eatinine_Ratio
4926 mean_Glucose<=healthcare_expenses
4927 mean_Glucose<=-DALY+Triglycerides-1
4928 mean_Glucose<=maximum(Glucose,2*age)
4929 mean_Glucose<=mean_Systolic_Blood_Pressure-
medications_lifetime_perc_covered
4930 mean_Glucose<=Glucose+healthcare_coverage
4931 mean_Glucose<=2*Glomerular_filtration_rate_1_73_sq_M_predicted+QALY
4932 mean_Glucose<=Glucose+medications_lifetime_cost
4933 mean_Glucose<=2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma+active_care_plan_length
4934 mean_Glucose<=Glucose*ceil(Creatinine)
4935 mean_Glucose<=maximum(Glucose,e^active_conditions)
4936 mean_Glucose<=10^procedures_lifetime_cost+Glucose
4937 mean_Glucose<=Glucose^active_care_plans
4938 mean_Glucose<=maximum(Systolic_Blood_Pressure,Glucose)
4939 mean_Glucose<=10^active_care_plans/device_lifetime_length
4940 mean_Glucose<=Calcium+mean_Chloride+1
4941 mean_Glucose<=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean_Low_Densit
y_Lipoprotein_Cholesterol
4942 mean_Glucose<=Total_Cholesterol-mean_Heart_rate-1
4943 mean_Glucose<=log(encounters_count)*mean_Alkaline_phosphatase__Enzymatic_ac
tivity_volume__in_Serum,Plasma/log(10)
4944 mean_Glucose<=sqrt(medications_lifetime)+Chloride
4945 mean_Glucose<=4*Alanine_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma
4946 mean_Glucose<=Estimated_Glomerular_Filtration_Rate^2-mean_Sodium
4947 mean_Glucose<=Diastolic_Blood_Pressure+mean_High_Density_Lipoprotein_Choles
terol-1
4948 mean_Glucose<=maximum(medications_lifetime_dispendes,High_Density_Lipoprote
in_Cholesterol)
4949 mean_Glucose<=mean_Chloride+1/2*mean_Estimated_Glomerular_Filtration_Rate
4950 mean_Glucose<=log(mean_Urea_Nitrogen)/log(10)+Systolic_Blood_Pressure
4951 mean_Glucose<=ceil(QALY)*mean_Potassium
4952 mean_Glucose<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum
,Plasma+ceil(lifetime_care_plan_length)
4953 mean_Glucose>=latitude
4954 mean_Glucose>=minimum(Diastolic_Blood_Pressure,Glucose)
4955 mean_Glucose>=minimum(Glucose,1/medications_lifetime_perc_covered)
4956 mean_Glucose>=Glucose-medications_lifetime
4957 mean_Glucose>=Glucose-procedures_lifetime_cost
4958 mean_Glucose>=Glucose^QOLS
4959 mean_Glucose>=-healthcare_expenses
4960
mean_Glucose>=minimum(Glucose,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4961 mean_Glucose>=minimum(Glucose,procedures_lifetime^2)
4962 mean_Glucose>=(1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by
_Automated_count)^medications_lifetime_perc_covered

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4963 mean_Glucose>=Glucose-mean_Calcium
4964 mean_Glucose>=Glucose-Urea_Nitrogen
4965 mean_Glucose>=minimum(Glucose,1/2*encounters_count)
4966 mean_Glucose>=(mean_High_Density_Lipoprotein_Cholesterol+1)*immunizations_l
ifetime
4967 mean_Glucose>=healthcare_expenses^longitude
4968 mean_Glucose>=Glucose/active_care_plans
4969 mean_Glucose>=minimum(Glucose,mean_Body_Mass_Index)
4970 mean_Glucose>=1/2*Estimated_Glomerular_Filtration_Rate*medications_active
4971 mean_Glucose>=High_Density_Lipoprotein_Cholesterol+Potassium
4972 mean_Glucose>=minimum(age,Glucose)
4973 mean_Glucose>=-Systolic_Blood_Pressure+mean_Microalbumin_Creatinine_Ratio-1
4974 mean_Glucose>=log(Microalbumin_Creatinine_Ratio)+mean_High_Density_Lipoprot
ein_Cholesterol
4975 mean_Glucose>=-active_care_plan_length+mean_Heart_rate+1
4976 mean_Glucose>=minimum(Glucose,mean_High_Density_Lipoprotein_Cholesterol)
4977 mean_Glucose>=minimum(latitude,10^healthcare_expenses)
4978 mean_Glucose>=QALY+active_conditions-1
4979 mean_Glucose>=2*QALY-active_condition_length
4980 mean_Glucose>=mean_Creatinine^2*mean_Potassium
4981 mean_Glucose>=Glucose-healthcare_coverage
4982 mean_Heart_rate<=healthcare_expenses
4983 mean_Heart_rate<=Heart_rate+2*lifetime_conditions
4984 mean_Heart_rate<=sqrt(latitude)*mean_Hemoglobin_Mass_volume__in_Blood
4985 mean_Heart_rate<=(encounters_lifetime_perc_covered+1)*Glucose
4986 mean_Heart_rate<=Total_Cholesterol-mean_Glucose-1
4987 mean_Heart_rate<=maximum(Heart_rate,10^active_care_plans)
4988 mean_Heart_rate<=Heart_rate+healthcare_coverage
4989 mean_Heart_rate<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+f
loor(Body_Weight)
4990 mean_Heart_rate<=2*Heart_rate/immunizations_lifetime
4991 mean_Heart_rate<=Heart_rate/encounters_lifetime_perc_covered
4992 mean_Heart_rate<=Heart_rate+lifetime_care_plan_length
4993 mean_Heart_rate<=maximum(Heart_rate,Urea_Nitrogen^2)
4994 mean_Heart_rate<=Body_Weight+mean_Microalbumin_Creatinine_Ratio-1
4995 mean_Heart_rate<=Heart_rate+active_condition_length
4996 mean_Heart_rate<=Heart_rate+medications_lifetime_cost
4997 mean_Heart_rate<=Heart_rate/imaging_studies_lifetime
4998 mean_Heart_rate<=(encounters_lifetime_perc_covered+1)*Heart_rate
4999 mean_Heart_rate<=Heart_rate+encounters_lifetime_payer_coverage
5000 mean_Heart_rate<=maximum(medications_lifetime_cost,Heart_rate)
5001 mean_Heart_rate<=maximum(Heart_rate,lifetime_care_plan_length^2)
5002 mean_Heart_rate<=QALY*log(Body_Height)
5003 mean_Heart_rate<=2*Total_Cholesterol/mean_Creatinine
5004 mean_Heart_rate<=Low_Density_Lipoprotein_Cholesterol*log(Hemoglobin_A1c_Hem
oglobin_total_in_Blood)
5005 mean_Heart_rate<=Creatinine+2*lifetime_condition_length
5006 mean_Heart_rate<=2*Calcium+Low_Density_Lipoprotein_Cholesterol

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5007 mean_Heart_rate<=(Heart_rate^2)^Creatinine
5008 mean_Heart_rate<=Respiratory_rate^2-QALY
5009 mean_Heart_rate<=Estimated_Glomerular_Filtration_Rate*log(Body_Height)
5010 mean_Heart_rate<=ceil(Chloride)-medications_active
5011 mean_Heart_rate<=Creatinine^2*Total_Cholesterol
5012 mean_Heart_rate<=-Body_Height+2*Sodium
5013 mean_Heart_rate<=10^medications_active*Heart_rate
5014 mean_Heart_rate<=floor(Triglycerides)-1
5015 mean_Heart_rate<=Potassium*mean_Estimated_Glomerular_Filtration_Rate
5016 mean_Heart_rate<=e^sqrt(mean_Estimated_Glomerular_Filtration_Rate)
5017 mean_Heart_rate<=2*Estimated_Glomerular_Filtration_Rate+mean_High_Density_L
ipoprotein_Cholesterol
5018 mean_Heart_rate<=maximum(Heart_rate,2*age)
5019 mean_Heart_rate<=1/num_allergies+mean_Diastolic_Blood_Pressure
5020 mean_Heart_rate<=10^DALY*Heart_rate
5021 mean_Heart_rate<=Calcium^2+procedures_lifetime_cost
5022 mean_Heart_rate<=maximum(Heart_rate,1/2*Total_Cholesterol)
5023 mean_Heart_rate>=latitude
5024 mean_Heart_rate>=minimum(active_care_plan_length,Heart_rate)
5025 mean_Heart_rate>=minimum(active_condition_length,Heart_rate)
5026 mean_Heart_rate>=floor(Glomerular_filtration_rate_1_73_sq_M_predicted)^imag
ing_studies_lifetime
5027 mean_Heart_rate>=Glucose-latitude+1
5028 mean_Heart_rate>=-healthcare_expenses
5029 mean_Heart_rate>=2*Chloride/mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
5030 mean_Heart_rate>=minimum(Heart_rate,High_Density_Lipoprotein_Cholesterol)
5031 mean_Heart_rate>=minimum(Heart_rate,Estimated_Glomerular_Filtration_Rate)
5032 mean_Heart_rate>=(2*Globulin_Mass_volume__in_Serum_by_calculation)^device_
lifetime_length
5033 mean_Heart_rate>=Heart_rate-active_condition_length
5034 mean_Heart_rate>=ceil(QALY)
5035 mean_Heart_rate>=Heart_rate-medications_lifetime
5036 mean_Heart_rate>=healthcare_expenses^longitude
5037 mean_Heart_rate>=Heart_rate-active_care_plan_length
5038 mean_Heart_rate>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+age-1
5039 mean_Heart_rate>=-immunizations_lifetime_cost+2*latitude
5040 mean_Heart_rate>=Heart_rate-encounters_lifetime_payer_coverage
5041 mean_Heart_rate>=minimum(Heart_rate,Creatinine)
5042
mean_Heart_rate>=-MCH_Entitic_mass__by_Automated_count+1/2*Total_Cholesterol
5043 mean_Heart_rate>=Heart_rate^QOLS
5044 mean_Heart_rate>=Heart_rate-procedures_lifetime_cost
5045 mean_Heart_rate>=2*encounters_count/Calcium
5046 mean_Heart_rate>=minimum(latitude,10^healthcare_expenses)
5047
mean_Heart_rate>=sqrt(healthcare_expenses)/Estimated_Glomerular_Filtration_Rate
5048 mean_Heart_rate>=ceil(Protein_Mass_volume__in_Serum,Plasma)^immunizations_
lifetime

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5049 $\text{mean_Heart_rate} \geq (\text{immunizations_lifetime} + 1)^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}}$
 5050 $\text{mean_Heart_rate} \geq \text{Heart_rate}^{\text{encounters_lifetime_perc_covered}}$
 5051 $\text{mean_Heart_rate} \geq -\text{Body_Mass_Index} + \text{ceil}(\text{Body_Weight})$
 5052 $\text{mean_Heart_rate} \geq \text{Heart_rate} - \text{immunizations_lifetime_cost}$
 5053 $\text{mean_Heart_rate} \geq \text{Heart_rate} - \text{healthcare_coverage}$
 5054 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{healthcare_expenses}$
 5055 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} + \text{procedures_lifetime}$
 5056 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} + \text{medications_active}$
 5057 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} + \text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}$
 5058 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} + \text{immunizations_lifetime_cost}$
 5059 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{maximum}(\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}, 1/\text{device_lifetime_length})$
 5060 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{maximum}(\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}, e^{\text{Creatinine}})$
 5061 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{maximum}(\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}, e^{\text{medications_active}})$
 5062 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{maximum}(\text{Triglycerides}, \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood})$
 5063 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}^{\text{active_care_plans}}$
 5064 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{maximum}(\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}, 1/2 * \text{encounters_count})$
 5065 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq e^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}} / \text{active_care_plans}$
 5066 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq (\text{mean_Estimated_Glomerular_Filtration_Rate} + 1) / \text{mean_Creatinine}$
 5067 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{ceil}(\text{Total_Cholesterol}) / \text{Carbon_Dioxide}$
 5068 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq (\text{Estimated_Glomerular_Filtration_Rate} - 1) / \text{Creatinine}$
 5069 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{maximum}(\text{lifetime_conditions}, \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood})$
 5070 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} + \text{healthcare_coverage}$
 5071 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{minimum}(\text{Estimated_Glomerular_Filtration_Rate}, 1/2 * \text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count})$
 5072 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{ceil}(\text{sqrt}(\text{Estimated_Glomerular_Filtration_Rate}))$
 5073 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \leq \text{maximum}(\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}, \text{Microalbumin_Creatinine_Ratio})$
 5074 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \geq \text{longitude}$
 5075 $\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} \geq \text{floor}(\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood})$

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bin_total_in_Blood)
5076 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Pain_severity___0_10_verbal_
numeric_rating__Score____Reported
5077
mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=healthcare_expenses^longitude
5078 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-immunizations_lifetime
5079 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=log(Urea_Nitrogen^2)/log(10)
5080 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_expenses
5081 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=ceil(pH_of_Urine_by_Test_str
ip)^imaging_studies_lifetime
5082 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood+1)^medications_lifetime_perc_covered
5083 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=active_care_plans*log(Creati
nine)/log(10)
5084 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(device_lifetime_leng
th,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5085 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-medications_lifetime
5086 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-medications_lifetime_perc_covered
5087 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-procedures_lifetime
5088 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-healthcare_coverage
5089 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood/active_care_plans
5090 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(procedures_lifetime,
Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5091 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(10^healthcare_expenses)^lon
gitude
5092 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(e^num_allergies)^Bilirubin_
total__Mass_volume__in_Urine_by_Test_strip
5093 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(DALY+1)/active_conditions
5094 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
lobin_total_in_Blood,-Triglycerides)
5095 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
lobin_total_in_Blood,-Estimated_Glomerular_Filtration_Rate)
5096 mean_High_Density_Lipoprotein_Cholesterol<=healthcare_expenses
5097 mean_High_Density_Lipoprotein_Cholesterol<=maximum(age,High_Density_Lipopro
tein_Cholesterol)
5098 mean_High_Density_Lipoprotein_Cholesterol<=maximum(Heart_rate,High_Density_
Lipoprotein_Cholesterol)
5099 mean_High_Density_Lipoprotein_Cholesterol<=Diastolic_Blood_Pressure+1
5100 mean_High_Density_Lipoprotein_Cholesterol<=2*mean_Carbon_Dioxide/imaging_st
udies_lifetime
5101 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholest
erol+immunizations_lifetime_cost

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5102 mean_High_Density_Lipoprotein_Cholesterol<=-DALY+floor(MCV__Entitic_volume_
_by_Automated_count)
5103 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein
_Cholesterol,e^active_conditions)
5104 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholest
erol*ceil(Creatinine)
5105 mean_High_Density_Lipoprotein_Cholesterol<=Hemoglobin__Mass_volume__in_Bloo
d+ceil(High_Density_Lipoprotein_Cholesterol)
5106 mean_High_Density_Lipoprotein_Cholesterol<=10^medications_lifetime_perc_cov
ered*High_Density_Lipoprotein_Cholesterol
5107 mean_High_Density_Lipoprotein_Cholesterol<=Calcium+floor(lifetime_condition
_length)
5108 mean_High_Density_Lipoprotein_Cholesterol<=Estimated_Glomerular_Filtration_
Rate+medications_lifetime
5109 mean_High_Density_Lipoprotein_Cholesterol<=(2*Hemoglobin_A1c_Hemoglobin_tot
al_in_Blood)^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
5110 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein
_Cholesterol,lifetime_care_plan_length+1)
5111 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein
_Cholesterol,1/device_lifetime_length)
5112 mean_High_Density_Lipoprotein_Cholesterol<=mean_Respiratory_rate^2-Glucose
5113 mean_High_Density_Lipoprotein_Cholesterol<=10^Pain_severity__0_10_verbal_n
umeric_rating__Score___Reported*High_Density_Lipoprotein_Cholesterol
5114 mean_High_Density_Lipoprotein_Cholesterol<=2*Sodium-mean_Total_Cholesterol
5115 mean_High_Density_Lipoprotein_Cholesterol<=maximum(active_condition_length,
High_Density_Lipoprotein_Cholesterol+1)
5116 mean_High_Density_Lipoprotein_Cholesterol<=Estimated_Glomerular_Filtration_
Rate*sqrt(mean_Carbon_Dioxide)
5117 mean_High_Density_Lipoprotein_Cholesterol>=longitude
5118 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,1/2*Estimated_Glomerular_Filtration_Rate)
5119 mean_High_Density_Lipoprotein_Cholesterol>=-Erythrocytes___volume__in_Bloo
d_by_Automated_count+1/2*encounters_count
5120
mean_High_Density_Lipoprotein_Cholesterol>=Body_Mass_Index+lifetime_conditions-1
5121 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,10^immunizations_lifetime)
5122 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5123 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,Creatinine)
5124 mean_High_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
5125 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholest
erol^encounters_lifetime_perc_covered
5126 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,1/medications_active)
5127
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-

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active_care_plan_length
 5128 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol^QOLS
 5129 mean_High_Density_Lipoprotein_Cholesterol>=device_lifetime_length*sqrt(mean_Carbon_Dioxide)
 5130 mean_High_Density_Lipoprotein_Cholesterol>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,High_Density_Lipoprotein_Cholesterol-1)
 5131 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein_Cholesterol,Carbon_Dioxide)
 5132 mean_High_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
 5133 mean_High_Density_Lipoprotein_Cholesterol>=Estimated_Glomerular_Filtration_Rate+1/2*longitude
 5134 mean_High_Density_Lipoprotein_Cholesterol>=-Diastolic_Blood_Pressure+mean_Glucose+1
 5135 mean_High_Density_Lipoprotein_Cholesterol>=mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported^2+DALY
 5136 mean_High_Density_Lipoprotein_Cholesterol>=active_condition_length^2/MCV__Entitic_volume__by_Automated_count
 5137 mean_High_Density_Lipoprotein_Cholesterol>=-Calcium+High_Density_Lipoprotein_Cholesterol+1
 5138 mean_High_Density_Lipoprotein_Cholesterol>=-Estimated_Glomerular_Filtration_Rate+active_care_plan_length
 5139 mean_High_Density_Lipoprotein_Cholesterol>=Creatinine*sqrt(Systolic_Blood_Pressure)
 5140 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol^2/mean_Glucose
 5141 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein_Cholesterol,1/2*Diastolic_Blood_Pressure)
 5142 mean_High_Density_Lipoprotein_Cholesterol>=2*medications_lifetime_dispenses/Triglycerides
 5143
 mean_High_Density_Lipoprotein_Cholesterol>=(10^healthcare_expenses)^longitude
 5144 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein_Cholesterol,2*procedures_lifetime)
 5145 mean_Low_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 5146 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Body_Height,Low_Density_Lipoprotein_Cholesterol)
 5147 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Triglycerides,Low_Density_Lipoprotein_Cholesterol)
 5148 mean_Low_Density_Lipoprotein_Cholesterol<=1/2*active_care_plans*mean_Sodium
 5149 mean_Low_Density_Lipoprotein_Cholesterol<=Total_Cholesterol-active_condition_length-1
 5150 mean_Low_Density_Lipoprotein_Cholesterol<=Calcium+2*Heart_rate
 5151 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+lifetime_care_plan_length
 5152 mean_Low_Density_Lipoprotein_Cholesterol<=DALY*e^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood

5153 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_C
 holesterol,10^Creatinine)
 5154 mean_Low_Density_Lipoprotein_Cholesterol<=(mean_Potassium+1)^Hemoglobin_A1c
 _Hemoglobin_total_in_Blood
 5155 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_C
 holesterol,e^active_conditions)
 5156 mean_Low_Density_Lipoprotein_Cholesterol<=(mean_Potassium+1)^mean_Hemoglobi
 n_A1c_Hemoglobin_total_in_Blood
 5157 mean_Low_Density_Lipoprotein_Cholesterol<=Leukocytes___volume__in_Blood_by
 _Automated_count+floor(Low_Density_Lipoprotein_Cholesterol)
 5158 mean_Low_Density_Lipoprotein_Cholesterol<=Hemoglobin__Mass_volume__in_Blood
 ^2-Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 5159 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholester
 ol/encounters_lifetime_perc_covered
 5160 mean_Low_Density_Lipoprotein_Cholesterol<=(Estimated_Glomerular_Filtration_
 Rate-1)*active_conditions
 5161 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime_cost
 ,Low_Density_Lipoprotein_Cholesterol)
 5162 mean_Low_Density_Lipoprotein_Cholesterol<=Chloride+e^Hemoglobin_A1c_Hemoglo
 bin_total_in_Blood
 5163 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime_disp
 enses,Low_Density_Lipoprotein_Cholesterol)
 5164 mean_Low_Density_Lipoprotein_Cholesterol<=sqrt(active_condition_length)*mea
 n_Estimated_Glomerular_Filtration_Rate
 5165 mean_Low_Density_Lipoprotein_Cholesterol<=sqrt(medications_lifetime_length)
 +Chloride
 5166 mean_Low_Density_Lipoprotein_Cholesterol<=2*Platelets___volume__in_Blood_b
 y_Automated_count/medications_active
 5167
 mean_Low_Density_Lipoprotein_Cholesterol<=longitude^2/device_lifetime_length
 5168 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholester
 ol/QOLS
 5169 mean_Low_Density_Lipoprotein_Cholesterol<=1/2*Heart_rate*mean_Potassium
 5170 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_C
 holesterol,MCV__Entitic_volume__by_Automated_count)
 5171 mean_Low_Density_Lipoprotein_Cholesterol<=2*Low_Density_Lipoprotein_Cholest
 erol/immunizations_lifetime
 5172 mean_Low_Density_Lipoprotein_Cholesterol>=latitude
 5173 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholester
 ol^imaging_studies_lifetime
 5174
 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-
 active_care_plan_length
 5175 mean_Low_Density_Lipoprotein_Cholesterol>=-Urea_Nitrogen+1/2*immunizations_
 lifetime_cost
 5176 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Heart_rate,Low_Density_Li
 poprotein_Cholesterol)
 5177 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_C

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holesterol,Creatinine)
5178 mean_Low_Density_Lipoprotein_Cholesterol>=maximum(Low_Density_Lipoprotein_C
holesterol,Glomerular_filtration_rate_1_73_sq_M_predicted)
5179 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholester
ol^encounters_lifetime_perc_covered
5180 mean_Low_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
5181 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(age,Low_Density_Lipoprotei
in_Cholesterol)
5182 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_C
holesterol,e^mean_Creatinine)
5183 mean_Low_Density_Lipoprotein_Cholesterol>=Glucose^2/Systolic_Blood_Pressure
5184 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_C
holesterol,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5185 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_C
holesterol,2*Estimated_Glomerular_Filtration_Rate)
5186 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholester
ol^QOLS
5187 mean_Low_Density_Lipoprotein_Cholesterol>=-Glucose+mean_Microalbumin_Creati
nine_Ratio+1
5188 mean_Low_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
5189 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_C
holesterol,Estimated_Glomerular_Filtration_Rate)
5190 mean_Low_Density_Lipoprotein_Cholesterol>=e^Leukocytes___volume__in_Blood_
by_Automated_count/Low_Density_Lipoprotein_Cholesterol
5191 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_C
holesterol,e^procedures_lifetime)
5192 mean_Low_Density_Lipoprotein_Cholesterol>=age+log(mean_Estimated_Glomerular
_Filtration_Rate)
5193 mean_Low_Density_Lipoprotein_Cholesterol>=floor(Low_Density_Lipoprotein_Cho
lesterol)-immunizations_lifetime_cost
5194 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_C
holesterol,sqrt(procedures_lifetime_cost))
5195 mean_Low_Density_Lipoprotein_Cholesterol>=e^imaging_studies_lifetime*mean_E
stimated_Glomerular_Filtration_Rate
5196 mean_Low_Density_Lipoprotein_Cholesterol>=Urea_Nitrogen+1/2*mean_Microalbum
in_Creatinine_Ratio
5197 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(latitude,10^healthcare_ex
penses)
5198 mean_Low_Density_Lipoprotein_Cholesterol>=(Pain_severity___0_10_verbal_nume
ric_rating_Score___Reported-1)*MCH_Entitic_mass__by_Automated_count
5199 mean_Low_Density_Lipoprotein_Cholesterol>=log(mean_Estimated_Glomerular_Fil
tration_Rate)/log(10)+Glucose
5200 mean_Low_Density_Lipoprotein_Cholesterol>=2*mean_Microalbumin_Creatinine_Ra
tio/mean_Creatinine
5201 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholester
ol^2/mean_Body_Height
5202 mean_Microalbumin_Creatinine_Ratio<=healthcare_expenses
5203 mean_Microalbumin_Creatinine_Ratio<=(age-1)*Creatinine

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5204 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \log(10) * \text{medications_lifetime_dispenses} / \log(\text{mean_Heart_rate})$
 5205
 $\text{mean_Microalbumin_Creatinine_Ratio} \leq 10^{\text{medications_active} * \text{mean_Carbon_Dioxide}}$
 5206 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{active_condition_length}^{\text{Creatinine}^2}$
 5207 $\text{mean_Microalbumin_Creatinine_Ratio} \leq (\text{High_Density_Lipoprotein_Cholesterol}^2)^{\text{DALY}}$
 5208 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Chloride} * \log(\text{Microalbumin_Creatinine_Ratio}) / \log(10)$
 5209
 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Urea_Nitrogen}^{\log(\text{mean_Sodium}) / \log(10)}$
 5210 $\text{mean_Microalbumin_Creatinine_Ratio} \leq (\text{Microalbumin_Creatinine_Ratio} - 1) * \text{active_care_plans}$
 5211 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Creatinine} * e^{\text{mean_Potassium}}$
 5212 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{medications_lifetime_length}^2 / \text{healthcare_coverage}$
 5213 $\text{mean_Microalbumin_Creatinine_Ratio} \leq (\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood} - 1) * \text{Microalbumin_Creatinine_Ratio}$
 5214 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{mean_Urea_Nitrogen}^2 + \text{medications_active}$
 5215 $\text{mean_Microalbumin_Creatinine_Ratio} \leq (\text{Systolic_Blood_Pressure} - 1) / \text{imaging_studies_lifetime}$
 5216 $\text{mean_Microalbumin_Creatinine_Ratio} \leq 10^{\text{medications_active} * \text{Microalbumin_Creatinine_Ratio}}$
 5217 $\text{mean_Microalbumin_Creatinine_Ratio} \leq e^{\text{active_conditions} / \text{Respiratory_rate}}$
 5218 $\text{mean_Microalbumin_Creatinine_Ratio} \leq 10^{\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} * \text{Microalbumin_Creatinine_Ratio}}$
 5219 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{longitude}$
 5220 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{minimum}(\text{immunizations_lifetime_cost}, 1 / \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported})$
 5221 $\text{mean_Microalbumin_Creatinine_Ratio} \geq (1/2 * \text{active_care_plans})^{\text{device_lifetime_length}}$
 5222 $\text{mean_Microalbumin_Creatinine_Ratio} \geq 2 * \text{active_conditions} - \text{immunizations_lifetime_cost}$
 5223 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{minimum}(\text{procedures_lifetime}, \text{Microalbumin_Creatinine_Ratio})$
 5224 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{healthcare_expenses}^{\text{longitude}}$
 5225 $\text{mean_Microalbumin_Creatinine_Ratio} \geq -\text{healthcare_expenses}$
 5226 $\text{mean_Microalbumin_Creatinine_Ratio} \geq -\text{Systolic_Blood_Pressure} + 2 * \text{mean_High_Density_Lipoprotein_Cholesterol}$
 5227 $\text{mean_Microalbumin_Creatinine_Ratio} \geq 1/2 * \text{active_care_plans}$
 5228 $\text{mean_Microalbumin_Creatinine_Ratio} \geq -\sqrt{\text{mean_Low_Density_Lipoprotein_Cholesterol}} + \text{DALY}$
 5229 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{minimum}(\text{Respiratory_rate}, \text{Microalbumin_Creatinine_Ratio})$
 5230 $\text{mean_Microalbumin_Creatinine_Ratio} \geq (\text{imaging_studies_lifetime} + 1)^{\text{procedures_lifetime}}$
 5231 $\text{mean_Microalbumin_Creatinine_Ratio} \geq -\text{mean_Estimated_Glomerular_Filtration_Rate} + 1/2 * \text{mean_Systolic_Blood_Pressure}$

5232 mean_Microalbumin_Creatinine_Ratio>=lifetime_care_plan_length-
 mean_Systolic_Blood_Pressure
 5233 mean_Microalbumin_Creatinine_Ratio>=sqrt(Body_Weight)/DALY
 5234 mean_Microalbumin_Creatinine_Ratio>=10^device_lifetime_length*QOLS
 5235 mean_Microalbumin_Creatinine_Ratio>=-active_conditions+e^Creatinine
 5236 mean_Microalbumin_Creatinine_Ratio>=minimum(Microalbumin_Creatinine_Ratio,e
 ^mean_Creatinine)
 5237 mean_Microalbumin_Creatinine_Ratio>=(10^healthcare_expenses)^longitude
 5238 mean_Microalbumin_Creatinine_Ratio>=mean_Sodium*sqrt(num_allergies)
 5239 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=healthc
 are_expenses
 5240 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=healthc
 are_coverage+lifetime_conditions
 5241 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
 (lifetime_care_plans,Pain_severity___0_10_verbal_numeric_rating__Score____Report
 ed)
 5242 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Hemoglo
 bin_A1c_Hemoglobin_total_in_Blood
 5243 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
 (Pain_severity___0_10_verbal_numeric_rating__Score____Reported,Creatinine)
 5244 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*lifet
 ime_condition_length/Estimated_Glomerular_Filtration_Rate
 5245 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Carbon_
 Dioxide-lifetime_conditions
 5246 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=1/2*enc
 ounters_lifetime_perc_covered*mean_Estimated_Glomerular_Filtration_Rate
 5247 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^life
 time_condition_length*Pain_severity___0_10_verbal_numeric_rating__Score____Repor
 ted
 5248 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported*Platelet_distribution_wid
 th__Entitic_volume__in_Blood_by_Automated_count
 5249 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported+active_care_plans
 5250 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=e^Hemog
 lobin__Mass_volume__in_Blood/medications_lifetime_cost
 5251 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Po
 tassium)
 5252 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum
 (Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,Specif
 ic_gravity_of_Urine_by_Test_strip)
 5253 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*Total
 _Cholesterol/Microalbumin_Creatinine_Ratio
 5254 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(L
 eukocytes___volume__in_Blood_by_Automated_count)
 5255 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(E
 stimated_Glomerular_Filtration_Rate)/procedures_lifetime
 5256 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=1/imagi

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ng_studies_lifetime+procedures_lifetime
5257 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Mi
croalbumin_Creatinine_Ratio)
5258 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
(procedures_lifetime,1/imaging_studies_lifetime)
5259 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=1/2*Cre
atinine+Pain_severity___0_10_verbal_numeric_rating__Score____Reported
5260 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(a
ctive_care_plan_length)/active_care_plans
5261 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(latitu
de+1)/lifetime_conditions
5262 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,1/2*active_condit
ions)
5263 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
(procedures_lifetime_cost,log(active_condition_length))
5264 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=immuniz
ations_lifetime_cost^Platelet_distribution_width__Entitic_volume__in_Blood_by_Au
tomated_count
5265 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=1/2*MCH
__Entitic_mass__by_Automated_count*QOLS
5266 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=sqrt(Es
timated_Glomerular_Filtration_Rate)-num_allergies
5267 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum
(Estimated_Glomerular_Filtration_Rate,floor(Globulin__Mass_volume__in_Serum_by_c
alculation))
5268 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=encount
ers_count+procedures_lifetime
5269 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=encount
ers_count+immunizations_lifetime_cost
5270
mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude
5271 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=imaging
_studies_lifetime
5272 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-health
care_expenses
5273 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Pai
n_severity___0_10_verbal_numeric_rating__Score____Reported
5274 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/4*Pai
n_severity___0_10_verbal_numeric_rating__Score____Reported^2
5275 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=healthc
are_expenses^longitude
5276 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Pain_s
everity___0_10_verbal_numeric_rating__Score____Reported+num_allergies
5277 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Creati
nine+num_allergies
5278 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_
care_plans-encounters_lifetime_payer_coverage

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5279 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Microa
 lbumin_Creatinine_Ratio+log(Body_Mass_Index)
 5280 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active
 _condition_length+lifetime_care_plans
 5281 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Calciu
 m+log(encounters_lifetime_payer_coverage)
 5282 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-health
 care_coverage+lifetime_conditions
 5283 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(d
 evice_lifetime_length)/mean_Potassium
 5284
 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Creatinine-
 active_care_plans
 5285 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(10^hea
 lthcare_expenses)^longitude
 5286 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Diasto
 lic_Blood_Pressure+ceil(QALY)
 5287 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
 (immunizations_lifetime,Pain_severity___0_10_verbal_numeric_rating__Score____Rep
 orted)
 5288 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported-active_care_plans
 5289 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
 (device_lifetime_length,Pain_severity___0_10_verbal_numeric_rating__Score____Rep
 orted)
 5290 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported-medications_lifetime
 5291 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Estima
 ted_Glomerular_Filtration_Rate+ceil(Urea_Nitrogen)
 5292 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Body_Ma
 ss_Index-age+1
 5293 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported-medications_active
 5294 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Pai
 n_severity___0_10_verbal_numeric_rating__Score____Reported/Creatinine
 5295 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Hemogl
 obin_A1c_Hemoglobin_total_in_Blood+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 5296 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Respira
 tory_rate-mean_Respiratory_rate-1
 5297 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
 (Estimated_Glomerular_Filtration_Rate,floor(num_allergies))
 5298 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Pai
 n_severity___0_10_verbal_numeric_rating__Score____Reported*immunizations_lifetim
 e
 5299 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=log(MCV
 __Entitic_volume__by_Automated_count)/log(10)-procedures_lifetime_cost
 5300 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(Ur
 ea_Nitrogen)-mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood

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5301 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=device_
lifetime_length*log(medications_active)
5302 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported*floor(encounters_lifetime
_perc_covered)
5303 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=log(Hig
h_Density_Lipoprotein_Cholesterol)/log(10)-DALY
5304 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(DA
LY)-Potassium
5305 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=ceil(Cr
eatinine)-lifetime_care_plans
5306 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-lifeti
me_care_plans+log(Microalbumin_Creatinine_Ratio)
5307 mean_Potassium<=healthcare_expenses
5308 mean_Potassium<=log(active_conditions)/log(10)+Potassium
5309 mean_Potassium<=minimum(Estimated_Glomerular_Filtration_Rate,1/2*Platelet_m
ean_volume__Entitic_volume__in_Blood_by_Automated_count)
5310 mean_Potassium<=sqrt(Body_Mass_Index)
5311
mean_Potassium<=log(mean_Calcium)+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
5312 mean_Potassium<=2*encounters_count/Albumin__Mass_volume__in_Serum,Plasma
5313 mean_Potassium<=-Albumin__Mass_volume__in_Serum,Plasma+Urea_Nitrogen+1
5314 mean_Potassium<=maximum(Potassium,Microalbumin_Creatinine_Ratio)
5315 mean_Potassium<=sqrt(mean_Estimated_Glomerular_Filtration_Rate)+medications
_lifetime_perc_covered
5316 mean_Potassium<=Potassium+medications_active
5317 mean_Potassium<=Potassium/QOLS
5318 mean_Potassium<=Potassium+healthcare_coverage
5319 mean_Potassium<=Potassium+2*encounters_lifetime_perc_covered
5320 mean_Potassium<=immunizations_lifetime+log(Systolic_Blood_Pressure)
5321 mean_Potassium<=Respiratory_rate-active_care_plans
5322 mean_Potassium<=Potassium+procedures_lifetime
5323 mean_Potassium<=maximum(Respiratory_rate,Potassium)
5324 mean_Potassium<=maximum(medications_lifetime,Potassium)
5325 mean_Potassium<=maximum(active_conditions,Potassium)
5326 mean_Potassium<=Potassium^active_care_plans
5327 mean_Potassium<=Potassium+medications_lifetime
5328 mean_Potassium<=(log(mean_Alkaline_phosphatase__Enzymatic_activity_volume__
in_Serum,Plasma)/log(10))^mean_Globulin__Mass_volume__in_Serum_by_calculation
5329 mean_Potassium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+procedures_lifetim
e_cost
5330 mean_Potassium<=-Creatinine+mean_Calcium
5331 mean_Potassium<=sqrt(Respiratory_rate)/encounters_lifetime_perc_covered
5332 mean_Potassium<=QALY^2/Low_Density_Lipoprotein_Cholesterol
5333 mean_Potassium<=-Creatinine+Urea_Nitrogen
5334 mean_Potassium<=maximum(Potassium,active_conditions-1)
5335 mean_Potassium<=Urea_Nitrogen-medications_active+1
5336 mean_Potassium<=2*Potassium/immunizations_lifetime

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5337 mean_Potassium<=Carbon_Dioxide^2/Body_Weight
5338 mean_Potassium>=longitude
5339 mean_Potassium>=sqrt(device_lifetime_length)+1
5340 mean_Potassium>=lifetime_conditions^2/mean_Body_Weight
5341 mean_Potassium>=minimum(Potassium,log(active_care_plan_length))
5342 mean_Potassium>=minimum(medications_active,Potassium)
5343 mean_Potassium>=immunizations_lifetime*log(Total_Cholesterol)/log(10)
5344 mean_Potassium>=mean_Creatinine-
mean_Pain_severity__0_10_verbal_numeric_rating__Score____Reported+1
5345 mean_Potassium>=-healthcare_expenses
5346 mean_Potassium>=-Creatinine+ceil(Potassium)
5347 mean_Potassium>=minimum(Potassium,sqrt(Respiratory_rate))
5348 mean_Potassium>=-DALY+Potassium
5349 mean_Potassium>=Potassium-immunizations_lifetime
5350 mean_Potassium>=minimum(num_allergies,Potassium)
5351 mean_Potassium>=minimum(mean_Creatinine,log(healthcare_coverage)/log(10))
5352 mean_Potassium>=-Pain_severity__0_10_verbal_numeric_rating__Score____Reported+log(Diastolic_Blood_Pressure)
5353 mean_Potassium>=healthcare_expenses^longitude
5354 mean_Potassium>=minimum(Triglycerides,sqrt(Urea_Nitrogen))
5355 mean_Potassium>=sqrt(healthcare_coverage)/Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
5356 mean_Potassium>=Potassium-medications_lifetime
5357 mean_Potassium>=-Pain_severity__0_10_verbal_numeric_rating__Score____Reported+Potassium
5358 mean_Potassium>=floor(Albumin__Mass_volume__in_Serum,Plasma)-1
5359 mean_Potassium>=-Diastolic_Blood_Pressure+ceil(active_condition_length)
5360 mean_Potassium>=(Potassium+1)^medications_lifetime_perc_covered
5361 mean_Potassium>=1/2*High_Density_Lipoprotein_Cholesterol/mean_Calcium
5362 mean_Potassium>=(device_lifetime_length-1)*Globulin__Mass_volume__in_Serum_by_calculation
5363 mean_Potassium>=(mean_Calcium-1)^encounters_lifetime_perc_covered
5364 mean_Potassium>=(10^healthcare_expenses)^longitude
5365 mean_Potassium>=sqrt(Microalbumin_Creatinine_Ratio)/active_care_plans
5366 mean_Potassium>=ceil(DALY)/active_conditions
5367 mean_Potassium>=Potassium/active_care_plans
5368 mean_Potassium>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,mean_Creatinine^2)
5369 mean_Potassium>=Potassium-healthcare_coverage
5370 mean_Potassium>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma-mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
5371 mean_QALY<=QALY
5372 mean_QALY>=QALY
5373 mean_QOLS<=QOLS
5374 mean_QOLS>=QOLS
5375 mean_Respiratory_rate<=healthcare_expenses
5376 mean_Respiratory_rate<=Respiratory_rate+medications_active
5377 mean_Respiratory_rate<=Respiratory_rate+active_care_plans

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5378 mean_Respiratory_rate<=maximum(active_care_plan_length,Respiratory_rate)
5379 mean_Respiratory_rate<=Estimated_Glomerular_Filtration_Rate-
medications_lifetime_perc_covered-1
5380 mean_Respiratory_rate<=maximum(Respiratory_rate,10^medications_active)
5381 mean_Respiratory_rate<=maximum(QALY,Respiratory_rate)
5382 mean_Respiratory_rate<=maximum(Respiratory_rate,Urea_Nitrogen)
5383 mean_Respiratory_rate<=maximum(Respiratory_rate,Platelet_mean_volume__Entit
ic_volume__in_Blood_by_Automated_count)
5384 mean_Respiratory_rate<=maximum(Respiratory_rate,Leukocytes___volume__in_Bl
ood_by_Automated_count)
5385 mean_Respiratory_rate<=-Platelet_mean_volume__Entitic_volume__in_Blood_by_A
utomated_count+floor(MCH__Entitic_mass__by_Automated_count)
5386 mean_Respiratory_rate<=Low_Density_Lipoprotein_Cholesterol/Erythrocytes____
volume__in_Blood_by_Automated_count
5387 mean_Respiratory_rate<=Respiratory_rate+encounters_lifetime_payer_coverage
5388 mean_Respiratory_rate<=maximum(Respiratory_rate,mean_Urea_Nitrogen)
5389 mean_Respiratory_rate<=Respiratory_rate+mean_Pain_severity___0_10_verbal_nu
meric_rating__Score___Reported
5390 mean_Respiratory_rate<=Respiratory_rate+medications_lifetime
5391 mean_Respiratory_rate<=Carbon_Dioxide-mean_Creatinine-1
5392 mean_Respiratory_rate<=ceil(Potassium^2)
5393 mean_Respiratory_rate<=Respiratory_rate+e^QOLS
5394 mean_Respiratory_rate<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood+medicatio
ns_lifetime_perc_covered
5395 mean_Respiratory_rate<=Respiratory_rate+healthcare_coverage
5396 mean_Respiratory_rate<=maximum(Respiratory_rate,log(healthcare_expenses))
5397 mean_Respiratory_rate<=maximum(Respiratory_rate,10^active_care_plans)
5398 mean_Respiratory_rate<=maximum(Respiratory_rate,e^lifetime_care_plans)
5399 mean_Respiratory_rate<=Body_Height-Sodium+1
5400 mean_Respiratory_rate<=sqrt(lifetime_care_plans)+Respiratory_rate
5401
mean_Respiratory_rate<=maximum(Respiratory_rate,1/2*active_care_plan_length)
5402 mean_Respiratory_rate<=log(device_lifetime_length)^Body_Height
5403 mean_Respiratory_rate<=(Diastolic_Blood_Pressure+1)/mean_Creatinine
5404 mean_Respiratory_rate<=maximum(Respiratory_rate,sqrt(Total_Cholesterol))
5405 mean_Respiratory_rate>=longitude
5406 mean_Respiratory_rate>=minimum(Respiratory_rate,-Triglycerides)
5407 mean_Respiratory_rate>=minimum(Respiratory_rate,Creatinine)
5408
mean_Respiratory_rate>=2*Total_Cholesterol/MCHC_Mass_volume__by_Automated_count
5409 mean_Respiratory_rate>=ceil(sqrt(Systolic_Blood_Pressure))
5410 mean_Respiratory_rate>=floor(Platelet_mean_volume__Entitic_volume__in_Blood
_by_Automated_count)
5411 mean_Respiratory_rate>=Respiratory_rate-active_care_plans
5412 mean_Respiratory_rate>=log(lifetime_conditions)*mean_Creatinine
5413 mean_Respiratory_rate>=-Triglycerides+mean_Triglycerides
5414 mean_Respiratory_rate>=mean_Total_Cholesterol/Estimated_Glomerular_Filtrati
on_Rate

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5415 mean_Respiratory_rate>=-healthcare_expenses
5416 mean_Respiratory_rate>=Respiratory_rate-procedures_lifetime_cost
5417 mean_Respiratory_rate>=healthcare_expenses^longitude
5418 mean_Respiratory_rate>=minimum(procedures_lifetime,Respiratory_rate)
5419 mean_Respiratory_rate>=mean_Hematocrit__Volume_Fraction__of_Blood_by_Automa
ted_count/mean_Leukocytes___volume__in_Blood_by_Automated_count
5420 mean_Respiratory_rate>=Respiratory_rate-
mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported-1
5421 mean_Respiratory_rate>=(Erythrocytes___volume__in_Blood_by_Automated_count
^2)^medications_lifetime_perc_covered
5422 mean_Respiratory_rate>=-DALY+Respiratory_rate
5423 mean_Respiratory_rate>=ceil(active_care_plan_length)/Microalbumin_Creatinin
e_Ratio
5424 mean_Respiratory_rate>=minimum(Respiratory_rate,2*lifetime_care_plans)
5425 mean_Respiratory_rate>=minimum(device_lifetime_length,Respiratory_rate)
5426 mean_Respiratory_rate>=Respiratory_rate-encounters_lifetime_payer_coverage
5427 mean_Respiratory_rate>=Respiratory_rate^encounters_lifetime_perc_covered
5428 mean_Respiratory_rate>=encounters_count-lifetime_condition_length
5429 mean_Respiratory_rate>=minimum(Respiratory_rate,Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood)
5430 mean_Respiratory_rate>=minimum(Respiratory_rate,sqrt(Triglycerides))
5431 mean_Respiratory_rate>=num_allergies^2-active_care_plans
5432 mean_Respiratory_rate>=Respiratory_rate-medications_lifetime
5433 mean_Respiratory_rate>=Potassium^2-Microalbumin_Creatinine_Ratio
5434 mean_Respiratory_rate>=ceil(DALY)-immunizations_lifetime_cost
5435 mean_Respiratory_rate>=2*num_allergies/QOLS
5436 mean_Respiratory_rate>=Respiratory_rate-healthcare_coverage
5437 mean_Respiratory_rate>=Respiratory_rate^imaging_studies_lifetime
5438 mean_Respiratory_rate>=(10^healthcare_expenses)^longitude
5439
mean_Respiratory_rate>=minimum(Respiratory_rate,sqrt(lifetime_care_plan_length))
5440 mean_Respiratory_rate>=lifetime_conditions^2/mean_Body_Mass_Index
5441 mean_Respiratory_rate>=active_conditions-lifetime_care_plans+1
5442 mean_Respiratory_rate>=Respiratory_rate-medications_active-1
5443 mean_Sodium<=healthcare_expenses
5444 mean_Sodium<=maximum(Sodium,immunizations_lifetime_cost+1)
5445 mean_Sodium<=DALY+2*Glucose
5446 mean_Sodium<=maximum(lifetime_condition_length,Sodium)
5447 mean_Sodium<=Bilirubin_total__Mass_volume__in_Serum,Plasma+Sodium
5448 mean_Sodium<=Sodium+immunizations_lifetime_cost
5449 mean_Sodium<=Sodium+healthcare_coverage
5450 mean_Sodium<=Sodium+medications_lifetime
5451 mean_Sodium<=maximum(Total_Cholesterol,abs(Sodium))
5452 mean_Sodium<=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_Chloride
5453 mean_Sodium<=lifetime_condition_length*log(age)
5454 mean_Sodium<=Sodium^active_care_plans
5455 mean_Sodium<=Heart_rate+mean_Diastolic_Blood_Pressure
5456 mean_Sodium<=10^QOLS+Sodium

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5457 mean_Sodium<=Sodium+mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
5458 mean_Sodium<=Body_Weight+Heart_rate+1
5459 mean_Sodium<=DALY+floor(Sodium)
5460 mean_Sodium<=maximum(Sodium,10^lifetime_care_plans)
5461
mean_Sodium<=10^lifetime_care_plans+mean_Estimated_Glomerular_Filtration_Rate
5462 mean_Sodium<=maximum(Sodium,2*lifetime_care_plan_length)
5463 mean_Sodium<=floor(Sodium)+lifetime_care_plans
5464 mean_Sodium<=maximum(Sodium,encounters_count^2)
5465 mean_Sodium<=2*Creatinine*Sodium
5466 mean_Sodium<=Creatinine+floor(Sodium)
5467 mean_Sodium>=latitude
5468 mean_Sodium>=Sodium-mean_Potassium+1
5469 mean_Sodium>=Sodium/active_care_plans
5470 mean_Sodium>=Sodium-mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
5471 mean_Sodium>=Glucose+active_conditions
5472 mean_Sodium>=Carbon_Dioxide+ceil(Chloride)
5473 mean_Sodium>=-healthcare_expenses
5474 mean_Sodium>=Systolic_Blood_Pressure+active_care_plans
5475 mean_Sodium>=2*mean_Diastolic_Blood_Pressure-
mean_Estimated_Glomerular_Filtration_Rate
5476 mean_Sodium>=Sodium-healthcare_coverage
5477 mean_Sodium>=healthcare_expenses^longitude
5478 mean_Sodium>=Sodium-procedures_lifetime_cost
5479 mean_Sodium>=minimum(Sodium,e^active_care_plans)
5480 mean_Sodium>=-active_care_plans+floor(Sodium)
5481 mean_Sodium>=Sodium-mean_Creatinine-1
5482 mean_Sodium>=Sodium-medications_lifetime
5483 mean_Sodium>=Sodium^QOLS
5484 mean_Sodium>=(10^imaging_studies_lifetime)^mean_Pain_severity___0_10_verbal
_numeric_rating__Score____Reported
5485 mean_Sodium>=(1/2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automat
ed_count)^num_allergies
5486 mean_Sodium>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plas
ma+Urea_Nitrogen-1
5487 mean_Sodium>=High_Density_Lipoprotein_Cholesterol+ceil(Glomerular_filtratio
n_rate_1_73_sq_M_predicted)
5488 mean_Sodium>=sqrt(encounters_lifetime_payer_coverage)+mean_Pain_severity___
0_10_verbal_numeric_rating__Score____Reported
5489 mean_Sodium>=minimum(Sodium,mean_Body_Mass_Index)
5490 mean_Sodium>=sqrt(Body_Mass_Index)+mean_Systolic_Blood_Pressure
5491 mean_Sodium>=minimum(latitude,10^healthcare_expenses)
5492 mean_Sodium>=(active_care_plan_length-1)*device_lifetime_length
5493 mean_Sodium>=floor(Estimated_Glomerular_Filtration_Rate)*mean_Creatinine
5494 mean_Sodium>=minimum(Sodium,e^mean_Potassium)
5495 mean_Sodium>=2*mean_Low_Density_Lipoprotein_Cholesterol/active_care_plans
5496 mean_Systolic_Blood_Pressure<=healthcare_expenses
5497

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mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+lifetime_care_plan_length
5498 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure*ceil(Creatinine)
5499 mean_Systolic_Blood_Pressure<=Heart_rate+1/2*Triglycerides
5500 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,10^lifetime_c
onditions)
5501
mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+active_condition_length
5502 mean_Systolic_Blood_Pressure<=Sodium-active_conditions
5503
mean_Systolic_Blood_Pressure<=sqrt(Estimated_Glomerular_Filtration_Rate)*QALY
5504 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+encounters_lifetime_p
ayer_coverage
5505 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure/encounters_lifetime_p
erc_covered
5506 mean_Systolic_Blood_Pressure<=1/2*Low_Density_Lipoprotein_Cholesterol+MCV__
Entitic_volume__by_Automated_count
5507 mean_Systolic_Blood_Pressure<=(Systolic_Blood_Pressure^2)^Creatinine
5508 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+healthcare_coverage
5509 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+medications_lifetime
5510 mean_Systolic_Blood_Pressure<=maximum(medications_lifetime_cost,Systolic_Bl
ood_Pressure)
5511 mean_Systolic_Blood_Pressure<=-Erythrocyte_distribution_width__Entitic_volu
me__by_Automated_count+ceil(Total_Cholesterol)
5512 mean_Systolic_Blood_Pressure<=maximum(medications_lifetime_dispenses,Systol
ic_Blood_Pressure)
5513
mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,1/num_allergies)
5514 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,e^medications
_lifetime)
5515 mean_Systolic_Blood_Pressure<=2*Systolic_Blood_Pressure-mean_Heart_rate
5516 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,1/2*Platelet_
distribution_width__Entitic_volume__in_Blood_by_Automated_count)
5517 mean_Systolic_Blood_Pressure<=Leukocytes___volume__in_Blood_by_Automated_c
ount+Systolic_Blood_Pressure+1
5518 mean_Systolic_Blood_Pressure<=10^DALY+Systolic_Blood_Pressure
5519 mean_Systolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate+Triglyce
rides-1
5520 mean_Systolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate^2-mean_L
ow_Density_Lipoprotein_Cholesterol
5521 mean_Systolic_Blood_Pressure<=Sodium-lifetime_conditions+1
5522 mean_Systolic_Blood_Pressure<=Chloride+mean_Estimated_Glomerular_Filtration
_Rate-1
5523 mean_Systolic_Blood_Pressure<=latitude*log(Carbon_Dioxide)
5524
mean_Systolic_Blood_Pressure<=(encounters_lifetime_perc_covered+1)*Triglycerides
5525 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,10^medication
s_lifetime)
5526 mean_Systolic_Blood_Pressure<=log(Diastolic_Blood_Pressure)*mean_Diastolic_

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Blood_Pressure/log(10)
5527 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure*log(Respiratory_rate)
/log(10)
5528
mean_Systolic_Blood_Pressure<=Hemoglobin_Mass_volume_in_Blood+Triglycerides+1
5529 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,lifetime_care
_plan_length^2)
5530 mean_Systolic_Blood_Pressure<=10^DALY*Systolic_Blood_Pressure
5531 mean_Systolic_Blood_Pressure<=Triglycerides+e^Hemoglobin_A1c_Hemoglobin_tot
al_in_Blood
5532 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,2*Heart_rate)
5533 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,e^Leukocytes_
__volume_in_Blood_by_Automated_count)
5534 mean_Systolic_Blood_Pressure<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Bloo
d)*mean_High_Density_Lipoprotein_Cholesterol
5535
mean_Systolic_Blood_Pressure<=Hemoglobin_Mass_volume_in_Blood+Triglycerides+1
5536 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,10^Microalbum
in_Creatinine_Ratio)
5537 mean_Systolic_Blood_Pressure>=latitude
5538 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
active_care_plan_length
5539 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
active_condition_length
5540 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
encounters_lifetime_payer_coverage
5541 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,High_Density_
Lipoprotein_Cholesterol)
5542 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure^encounters_lifetime_p
erc_covered
5543 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,Creatinine)
5544 mean_Systolic_Blood_Pressure>=minimum(mean_Triglycerides,sqrt(medications_l
ifetime_length))
5545
mean_Systolic_Blood_Pressure>=mean_Glucose+medications_lifetime_perc_covered
5546 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,Hemoglobin_A1
c_Hemoglobin_total_in_Blood)
5547 mean_Systolic_Blood_Pressure>=-healthcare_expenses
5548 mean_Systolic_Blood_Pressure>=Sodium*log(Hemoglobin_A1c_Hemoglobin_total_in
_Blood)/log(10)
5549 mean_Systolic_Blood_Pressure>=Chloride-encounters_lifetime_perc_covered-1
5550 mean_Systolic_Blood_Pressure>=1/2*lifetime_care_plans*procedures_lifetime
5551 mean_Systolic_Blood_Pressure>=e^Erythrocytes___volume_in_Blood_by_Automat
ed_count*medications_lifetime_perc_covered
5552 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,10^device_lif
etime_length)
5553 mean_Systolic_Blood_Pressure>=healthcare_expenses^longitude
5554

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mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,1/2*Triglycerides)
5555 mean_Systolic_Blood_Pressure>=ceil(Low_Density_Lipoprotein_Cholesterol)-mean_Carbon_Dioxide
5556 mean_Systolic_Blood_Pressure>=lifetime_care_plan_length-mean_Microalbumin_Creatinine_Ratio
5557 mean_Systolic_Blood_Pressure>=Body_Weight+1/2*Respiratory_rate
5558 mean_Systolic_Blood_Pressure>=-Microalbumin_Creatinine_Ratio+Systolic_Blood_Pressure+1
5559 mean_Systolic_Blood_Pressure>=(Urea_Nitrogen+1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
5560 mean_Systolic_Blood_Pressure>=(num_allergies+1)*MCH__Entitic_mass__by_Automated_count
5561 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,1/medications_active)
5562
mean_Systolic_Blood_Pressure>=-Estimated_Glomerular_Filtration_Rate+e^Potassium
5563 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,sqrt(procedures_lifetime_cost))
5564 mean_Systolic_Blood_Pressure>=2*Heart_rate-mean_Heart_rate
5565 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-medications_lifetime_cost
5566 mean_Systolic_Blood_Pressure>=sqrt(encounters_lifetime_payer_coverage)-mean_Estimated_Glomerular_Filtration_Rate
5567 mean_Systolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
5568 mean_Systolic_Blood_Pressure>=(Pain_severity___0_10_verbal_numeric_rating__Score___Reported-1)*Estimated_Glomerular_Filtration_Rate
5569 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-healthcare_coverage
5570 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-mean_Estimated_Glomerular_Filtration_Rate
5571 mean_Total_Cholesterol<=healthcare_expenses
5572 mean_Total_Cholesterol<=10^mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported*Total_Cholesterol
5573 mean_Total_Cholesterol<=Total_Cholesterol+active_care_plan_length
5574 mean_Total_Cholesterol<=Body_Height*log(mean_Carbon_Dioxide)/log(10)
5575 mean_Total_Cholesterol<=maximum(Total_Cholesterol,10^lifetime_care_plans)
5576
mean_Total_Cholesterol<=Respiratory_rate^2+MCH__Entitic_mass__by_Automated_count
5577 mean_Total_Cholesterol<=Total_Cholesterol/QOLS
5578 mean_Total_Cholesterol<=Total_Cholesterol/encounters_lifetime_perc_covered
5579
mean_Total_Cholesterol<=maximum(medications_lifetime_cost,Total_Cholesterol)
5580 mean_Total_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+ceil(mean_Systolic_Blood_Pressure)
5581 mean_Total_Cholesterol<=maximum(Total_Cholesterol,e^medications_lifetime)
5582
mean_Total_Cholesterol<=Urea_Nitrogen*mean_Estimated_Glomerular_Filtration_Rate
5583 mean_Total_Cholesterol<=maximum(Total_Cholesterol,e^active_conditions)
5584 mean_Total_Cholesterol<=(Potassium+1)*lifetime_condition_length

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5585 mean_Total_Cholesterol<=(Diastolic_Blood_Pressure-1)*mean_Hemoglobin_A1c_He
moglobin_total_in_Blood
5586 mean_Total_Cholesterol<=ceil(Chloride)*lifetime_care_plans
5587 mean_Total_Cholesterol<=Total_Cholesterol+encounters_count+1
5588 mean_Total_Cholesterol<=maximum(Total_Cholesterol,10^Creatinine)
5589 mean_Total_Cholesterol<=-MCH__Entitic_mass__by_Automated_count+2*mean_Systo
lic_Blood_Pressure
5590 mean_Total_Cholesterol<=maximum(Total_Cholesterol,Platelet_distribution_wid
th__Entitic_volume__in_Blood_by_Automated_count)
5591 mean_Total_Cholesterol<=log(Estimated_Glomerular_Filtration_Rate)*mean_Dias
tolic_Blood_Pressure
5592 mean_Total_Cholesterol<=(mean_Potassium-1)*Heart_rate
5593 mean_Total_Cholesterol<=2*encounters_lifetime_payer_coverage/device_lifetim
e_length
5594 mean_Total_Cholesterol<=maximum(Total_Cholesterol,1/num_allergies)
5595
mean_Total_Cholesterol<=sqrt(medications_lifetime_dispenses)+Total_Cholesterol
5596 mean_Total_Cholesterol<=2*Potassium*QALY
5597 mean_Total_Cholesterol<=2*Diastolic_Blood_Pressure+mean_Heart_rate
5598 mean_Total_Cholesterol>=latitude
5599 mean_Total_Cholesterol>=minimum(Body_Height,Total_Cholesterol)
5600 mean_Total_Cholesterol>=Total_Cholesterol^QOLS
5601 mean_Total_Cholesterol>=Total_Cholesterol-active_care_plan_length
5602 mean_Total_Cholesterol>=2*medications_lifetime/mean_Respiratory_rate
5603 mean_Total_Cholesterol>=Estimated_Glomerular_Filtration_Rate+2*age
5604 mean_Total_Cholesterol>=-healthcare_expenses
5605 mean_Total_Cholesterol>=1/2*longitude+mean_Microalbumin_Creatinine_Ratio
5606 mean_Total_Cholesterol>=minimum(Triglycerides,Total_Cholesterol)
5607 mean_Total_Cholesterol>=minimum(Total_Cholesterol,Urea_Nitrogen)
5608 mean_Total_Cholesterol>=minimum(Total_Cholesterol,Estimated_Glomerular_Filt
ration_Rate)
5609 mean_Total_Cholesterol>=Total_Cholesterol^encounters_lifetime_perc_covered
5610 mean_Total_Cholesterol>=Total_Cholesterol^imaging_studies_lifetime
5611 mean_Total_Cholesterol>=-Estimated_Glomerular_Filtration_Rate+2*Glucose
5612 mean_Total_Cholesterol>=healthcare_expenses^longitude
5613 mean_Total_Cholesterol>=-Microalbumin_Creatinine_Ratio+Total_Cholesterol+1
5614 mean_Total_Cholesterol>=Hemoglobin_Mass_volume__in_Blood^2*medications_lif
etime_perc_covered
5615 mean_Total_Cholesterol>=active_care_plans*sqrt(medications_lifetime)
5616
mean_Total_Cholesterol>=(2*lifetime_care_plan_length)^imaging_studies_lifetime
5617 mean_Total_Cholesterol>=active_conditions^2-Total_Cholesterol
5618 mean_Total_Cholesterol>=minimum(Total_Cholesterol,procedures_lifetime^2)
5619 mean_Total_Cholesterol>=2*MCV__Entitic_volume__by_Automated_count-
procedures_lifetime_cost
5620 mean_Total_Cholesterol>=minimum(Total_Cholesterol,e^Hemoglobin_A1c_Hemoglob
in_total_in_Blood)
5621 mean_Total_Cholesterol>=minimum(latitude,10^healthcare_expenses)

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5622 mean_Total_Cholesterol>=Low_Density_Lipoprotein_Cholesterol+2*MCH__Entitic_
mass__by_Automated_count
5623 mean_Total_Cholesterol>=2*Sodium-Systolic_Blood_Pressure
5624
mean_Total_Cholesterol>=(e^pH_of_Urine_by_Test_strip)^imaging_studies_lifetime
5625 mean_Total_Cholesterol>=Chloride*immunizations_lifetime
5626 mean_Triglycerides<=healthcare_expenses
5627 mean_Triglycerides<=mean_Estimated_Glomerular_Filtration_Rate^2-lifetime_ca
re_plan_length
5628 mean_Triglycerides<=Triglycerides+active_care_plan_length
5629 mean_Triglycerides<=maximum(Triglycerides,Total_Cholesterol)
5630
mean_Triglycerides<=e^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Sodium
5631 mean_Triglycerides<=Triglycerides/encounters_lifetime_perc_covered
5632 mean_Triglycerides<=Triglycerides+immunizations_lifetime_cost
5633 mean_Triglycerides<=maximum(medications_lifetime_cost,Triglycerides)
5634 mean_Triglycerides<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*lifetime_condi
tion_length
5635 mean_Triglycerides<=maximum(medications_lifetime_dispenses,Triglycerides)
5636 mean_Triglycerides<=Triglycerides/QOLS
5637 mean_Triglycerides<=2*mean_Heart_rate/QOLS
5638 mean_Triglycerides<=maximum(Triglycerides,10^lifetime_care_plans)
5639 mean_Triglycerides<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count+Triglycerides+1
5640 mean_Triglycerides<=Triglycerides+e^mean_Hemoglobin_A1c_Hemoglobin_total_in
_Blood
5641 mean_Triglycerides<=Triglycerides+mean_Respiratory_rate
5642 mean_Triglycerides<=maximum(Triglycerides,10^Microalbumin_Creatinine_Ratio)
5643 mean_Triglycerides<=10^Pain_severity__0_10_verbal_numeric_rating__Score___
_Reported*Body_Height
5644 mean_Triglycerides<=Sodium*log(mean_Estimated_Glomerular_Filtration_Rate)/l
og(10)
5645 mean_Triglycerides<=maximum(Triglycerides,e^active_conditions)
5646 mean_Triglycerides<=1/2*healthcare_coverage/mean_Urea_Nitrogen
5647 mean_Triglycerides<=e^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood+lifetim
e_condition_length
5648 mean_Triglycerides<=10^immunizations_lifetime*Body_Height
5649 mean_Triglycerides<=Body_Height+Estimated_Glomerular_Filtration_Rate-1
5650 mean_Triglycerides<=maximum(Triglycerides,Total_Cholesterol-1)
5651 mean_Triglycerides<=Triglycerides*log(mean_Respiratory_rate)/log(10)
5652 mean_Triglycerides>=latitude
5653 mean_Triglycerides>=minimum(Triglycerides,e^active_care_plans)
5654 mean_Triglycerides>=minimum(Systolic_Blood_Pressure,Triglycerides)
5655 mean_Triglycerides>=sqrt(medications_lifetime_length)-Estimated_Glomerular_
Filtration_Rate
5656 mean_Triglycerides>=Triglycerides^QOLS
5657 mean_Triglycerides>=mean_Glucose^2/mean_Heart_rate
5658 mean_Triglycerides>=Chloride^2/Systolic_Blood_Pressure

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5659 mean_Triglycerides>=Triglycerides^imaging_studies_lifetime
5660 mean_Triglycerides>=Triglycerides-lifetime_care_plan_length
5661 mean_Triglycerides>=minimum(lifetime_care_plan_length,Triglycerides)
5662 mean_Triglycerides>=-healthcare_expenses
5663 mean_Triglycerides>=QOLS*floor(Triglycerides)
5664 mean_Triglycerides>=Triglycerides-mean_Estimated_Glomerular_Filtration_Rate
5665 mean_Triglycerides>=minimum(Triglycerides,mean_Body_Mass_Index)
5666 mean_Triglycerides>=Triglycerides^encounters_lifetime_perc_covered
5667 mean_Triglycerides>=-Glomerular_filtration_rate_1_73_sq_M_predicted+encount
ers_count+1
5668 mean_Triglycerides>=minimum(Triglycerides,Creatinine)
5669 mean_Triglycerides>=healthcare_expenses^longitude
5670 mean_Triglycerides>=(2*Total_Cholesterol)^medications_lifetime_perc_covered
5671 mean_Triglycerides>=-Body_Weight+2*mean_Glucose
5672 mean_Triglycerides>=(Chloride+1)/Creatinine
5673 mean_Triglycerides>=(Hematocrit__Volume_Fraction__of_Blood_by_Automated_cou
nt+1)/encounters_lifetime_perc_covered
5674 mean_Triglycerides>=Estimated_Glomerular_Filtration_Rate+1/2*High_Density_L
ipoprotein_Cholesterol
5675 mean_Triglycerides>=minimum(latitude,10^healthcare_expenses)
5676 mean_Triglycerides>=-Chloride+immunizations_lifetime_cost
5677 mean_Triglycerides>=(log(lifetime_condition_length)/log(10))^Potassium
5678 mean_Triglycerides>=log(active_care_plans)*mean_Microalbumin_Creatinine_Rat
io/log(10)
5679 mean_Triglycerides>=minimum(Triglycerides,encounters_count-1)
5680 mean_Triglycerides>=-lifetime_condition_length+2*mean_Glucose
5681 mean_Urea_Nitrogen<=healthcare_expenses
5682 mean_Urea_Nitrogen<=e^Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma/medications_lifetime_length
5683 mean_Urea_Nitrogen<=Urea_Nitrogen+procedures_lifetime_cost
5684 mean_Urea_Nitrogen<=(log(Alkaline_phosphatase__Enzymatic_activity_volume__i
n_Serum,Plasma)/log(10))^mean_Calcium
5685 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,2*active_conditions)
5686 mean_Urea_Nitrogen<=maximum(medications_lifetime,Urea_Nitrogen)
5687 mean_Urea_Nitrogen<=active_care_plan_length*log(Glucose)/log(10)
5688 mean_Urea_Nitrogen<=ceil(Estimated_Glomerular_Filtration_Rate)-encounters_l
ifetime_perc_covered
5689 mean_Urea_Nitrogen<=ceil(lifetime_care_plan_length)
5690 mean_Urea_Nitrogen<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2/QOLS
5691 mean_Urea_Nitrogen<=Urea_Nitrogen/QOLS
5692 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,Microalbumin_Creatinine_Ratio)
5693
mean_Urea_Nitrogen<=-active_care_plans+mean_Estimated_Glomerular_Filtration_Rate
5694 mean_Urea_Nitrogen<=log(QALY)/log(10)+Aspartate_aminotransferase__Enzymatic
_activity_volume__in_Serum,Plasma
5695 mean_Urea_Nitrogen<=e^active_conditions/Microalbumin_Creatinine_Ratio
5696 mean_Urea_Nitrogen<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+active_condit
ion_length

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5697 mean_Urea_Nitrogen<=e^Urea_Nitrogen/Body_Height
5698 mean_Urea_Nitrogen<=Urea_Nitrogen^active_care_plans
5699 mean_Urea_Nitrogen<=Urea_Nitrogen+healthcare_coverage
5700 mean_Urea_Nitrogen<=1/2*QALY+active_care_plans
5701 mean_Urea_Nitrogen<=maximum(encounters_count,Urea_Nitrogen)
5702 mean_Urea_Nitrogen<=2*Triglycerides/Respiratory_rate
5703 mean_Urea_Nitrogen<=maximum(Heart_rate,Urea_Nitrogen)
5704 mean_Urea_Nitrogen<=1/2*mean_Sodium/mean_Creatinine
5705 mean_Urea_Nitrogen<=-mean_Carbon_Dioxide+2*mean_Estimated_Glomerular_Filtration_Rate
5706 mean_Urea_Nitrogen<=2*DALY+Urea_Nitrogen
5707 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,e^active_care_plans)
5708 mean_Urea_Nitrogen<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported+mean_Respiratory_rate
5709 mean_Urea_Nitrogen>=longitude
5710 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,Calcium)
5711 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,mean_Hemoglobin_A1c_Hemoglobin_tal_in_Blood)
5712 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,2*active_care_plans)
5713
mean_Urea_Nitrogen>=log(procedures_lifetime_cost)/log(10)+device_lifetime_length
5714 mean_Urea_Nitrogen>=sqrt(mean_Microalbumin_Creatinine_Ratio)-medications_lifetime_perc_covered
5715 mean_Urea_Nitrogen>=(mean_Sodium-1)/mean_Glomerular_filtration_rate_1_73_sq_M_predicted
5716 mean_Urea_Nitrogen>=2*medications_active-1
5717 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,1/2*Carbon_Dioxide)
5718 mean_Urea_Nitrogen>=Urea_Nitrogen/active_care_plans
5719 mean_Urea_Nitrogen>=2*mean_Glucose/Estimated_Glomerular_Filtration_Rate
5720 mean_Urea_Nitrogen>=Urea_Nitrogen-immunizations_lifetime_cost
5721 mean_Urea_Nitrogen>=-healthcare_expenses
5722 mean_Urea_Nitrogen>=Urea_Nitrogen-medications_lifetime_cost
5723 mean_Urea_Nitrogen>=1/2*active_care_plans+mean_Potassium
5724 mean_Urea_Nitrogen>=(10^healthcare_expenses)^longitude
5725 mean_Urea_Nitrogen>=Urea_Nitrogen-healthcare_coverage
5726 mean_Urea_Nitrogen>=Urea_Nitrogen-active_conditions+1
5727 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,num_allergies^2)
5728 mean_Urea_Nitrogen>=healthcare_expenses^longitude
5729 mean_Urea_Nitrogen>=-lifetime_condition_length+mean_Estimated_Glomerular_Filtration_Rate+1
5730 mean_Urea_Nitrogen>=lifetime_conditions^2/mean_Body_Mass_Index
5731 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,-Triglycerides)
5732 mean_Urea_Nitrogen>=(Microalbumin_Creatinine_Ratio+1)/mean_Estimated_Glomerular_Filtration_Rate
5733 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,sqrt(mean_Low_Density_Lipoprotein_Cholesterol))
5734 mean_Urea_Nitrogen>=Chloride/Respiratory_rate
5735 mean_Urea_Nitrogen>=2*DALY+longitude

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5736 mean_Urea_Nitrogen>=Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma+log(device_lifetime_length)
5737 mean_Urea_Nitrogen>=sqrt(mean_Microalbumin_Creatinine_Ratio)-Pain_severity_
__0_10_verbal_numeric_rating__Score____Reported
5738
mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,1/encounters_lifetime_perc_covered)
5739 mean_Urea_Nitrogen>=Estimated_Glomerular_Filtration_Rate-
mean_Estimated_Glomerular_Filtration_Rate+1
5740 mean_Urea_Nitrogen>=Creatinine+Potassium
5741 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=he
althcare_expenses
5742 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=ma
ximum(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count,High_De
nsity_Lipoprotein_Cholesterol-1)
5743 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=ma
ximum(active_care_plan_length,Erythrocyte_distribution_width__Entitic_volume__by
_Automated_count)
5744 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count+active_care_pla
ns
5745 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=2*
medications_lifetime_cost/medications_lifetime_length
5746 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=ma
ximum(age,Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)
5747 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=ma
ximum(Sodium,Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)
5748 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count+procedures_life
time
5749 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=ma
ximum(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count,ceil(la
titude))
5750 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=lo
ngitude
5751 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count
5752 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=-h
ealthcare_expenses
5753 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=he
althcare_expenses^longitude
5754 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=Le
ukocytes____volume__in_Blood_by_Automated_count+1/2*QALY
5755 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=(1
0^healthcare_expenses)^longitude
5756 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=la
titude-mean_Leukocytes____volume__in_Blood_by_Automated_count+1
5757
mean_Erythrocytes____volume__in_Blood_by_Automated_count<=healthcare_expenses

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5758 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=ceil(Erythrocytes___volume__in_Blood_by_Automated_count)
5759 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=Low_Density_Lipoprotein_Cholesterol/Respiratory_rate
5760 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=maximum(active_conditions,Erythrocytes___volume__in_Blood_by_Automated_count)
5761 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=maximum(medications_active,Erythrocytes___volume__in_Blood_by_Automated_count)
5762 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=maximum(Erythrocytes___volume__in_Blood_by_Automated_count,log(Body_Weight))
5763 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=minimum(Triglycerides,Erythrocytes___volume__in_Blood_by_Automated_count)
5764 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=Erythrocytes___volume__in_Blood_by_Automated_count+active_care_plans
5765 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=maximum(medications_lifetime,Erythrocytes___volume__in_Blood_by_Automated_count)
5766 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=Erythrocytes___volume__in_Blood_by_Automated_count+immunizations_lifetime
5767 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=longitude
5768 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=Erythrocytes___volume__in_Blood_by_Automated_count-num_allergies
5769 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=floor(Erythrocytes___volume__in_Blood_by_Automated_count)
5770 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=Body_Height/floor(latitude)
5771 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=minimum(medications_active,log(mean_Glucose))
5772 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
5773 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
5774
mean_Erythrocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
5775 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=healthcare_expenses
5776 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
5777 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=-Respiratory_rate+ceil(Low_Density_Lipoprotein_Cholesterol)
5778
mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=2*DALY+latitude
5779 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=longitude
5780 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=minimum(latitude,Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
5781 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-active_care_plans
5782 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-procedures_lifetime

5783 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=-healthcare_expenses
 5784 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=minimum(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count,pH_of_Urine_by_Test_strip)
 5785 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-immunizations_lifetime_cost
 5786 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=healthcare_expenses^longitude
 5787 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-num_allergies-1
 5788 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=1/2*High_Density_Lipoprotein_Cholesterol+mean_Leukocytes____volume__in_Blood_by_Automated_count
 5789 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
 5790 mean_Hemoglobin__Mass_volume__in_Blood<=healthcare_expenses
 5791
 mean_Hemoglobin__Mass_volume__in_Blood<=QOLS^2+Hemoglobin__Mass_volume__in_Blood
 5792 mean_Hemoglobin__Mass_volume__in_Blood<=maximum(active_care_plan_length,Hemoglobin__Mass_volume__in_Blood)
 5793 mean_Hemoglobin__Mass_volume__in_Blood<=minimum(Triglycerides,Hemoglobin__Mass_volume__in_Blood)
 5794 mean_Hemoglobin__Mass_volume__in_Blood<=Hemoglobin__Mass_volume__in_Blood-log(num_allergies)
 5795 mean_Hemoglobin__Mass_volume__in_Blood<=maximum(encounters_count,Hemoglobin__Mass_volume__in_Blood)
 5796 mean_Hemoglobin__Mass_volume__in_Blood<=Hemoglobin__Mass_volume__in_Blood+immunizations_lifetime
 5797 mean_Hemoglobin__Mass_volume__in_Blood<=Hemoglobin__Mass_volume__in_Blood+active_care_plans
 5798 mean_Hemoglobin__Mass_volume__in_Blood<=Leukocytes____volume__in_Blood_by_Automated_count+Respiratory_rate
 5799 mean_Hemoglobin__Mass_volume__in_Blood<=Hemoglobin__Mass_volume__in_Blood+procedures_lifetime
 5800 mean_Hemoglobin__Mass_volume__in_Blood>=longitude
 5801 mean_Hemoglobin__Mass_volume__in_Blood>=Hemoglobin__Mass_volume__in_Blood-num_allergies
 5802 mean_Hemoglobin__Mass_volume__in_Blood>=(10^healthcare_expenses)^longitude
 5803 mean_Hemoglobin__Mass_volume__in_Blood>=-healthcare_expenses
 5804 mean_Hemoglobin__Mass_volume__in_Blood>=Hemoglobin__Mass_volume__in_Blood-2*encounters_lifetime_perc_covered
 5805 mean_Hemoglobin__Mass_volume__in_Blood>=age/(Erythrocytes____volume__in_Blood_by_Automated_count+1)
 5806 mean_Hemoglobin__Mass_volume__in_Blood>=-Pain_severity__0_10_verbal_numeric_rating__Score____Reported+Respiratory_rate
 5807 mean_Hemoglobin__Mass_volume__in_Blood>=healthcare_expenses^longitude
 5808 mean_Leukocytes____volume__in_Blood_by_Automated_count<=healthcare_expenses
 5809 mean_Leukocytes____volume__in_Blood_by_Automated_count<=Leukocytes____volume__in_Blood_by_Automated_count

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e__in_Blood_by_Automated_count
5810 mean_Leukocytes___volume__in_Blood_by_Automated_count<=active_conditions/s
qrt(num_allergies)
5811 mean_Leukocytes___volume__in_Blood_by_Automated_count<=2*DALY/medications_
lifetime_perc_covered
5812 mean_Leukocytes___volume__in_Blood_by_Automated_count>=longitude
5813 mean_Leukocytes___volume__in_Blood_by_Automated_count>=immunizations_lifet
ime_cost^(1/Erythrocytes___volume__in_Blood_by_Automated_count)
5814 mean_Leukocytes___volume__in_Blood_by_Automated_count>=minimum(DALY,Leukoc
ytes___volume__in_Blood_by_Automated_count)
5815 mean_Leukocytes___volume__in_Blood_by_Automated_count>=Leukocytes___volum
e__in_Blood_by_Automated_count-procedures_lifetime
5816 mean_Leukocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses
^longitude
5817 mean_Leukocytes___volume__in_Blood_by_Automated_count>=minimum(Leukocytes_
___volume__in_Blood_by_Automated_count,Specific_gravity_of_Urine_by_Test_strip)
5818 mean_Leukocytes___volume__in_Blood_by_Automated_count>=minimum(lifetime_ca
re_plans,Leukocytes___volume__in_Blood_by_Automated_count)
5819
mean_Leukocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
5820 mean_Leukocytes___volume__in_Blood_by_Automated_count>=-encounters_lifetim
e_perc_covered+num_allergies+1
5821 mean_Leukocytes___volume__in_Blood_by_Automated_count>=Leukocytes___volum
e__in_Blood_by_Automated_count-active_care_plans
5822
mean_Leukocytes___volume__in_Blood_by_Automated_count>=immunizations_lifetime^2
5823 mean_Leukocytes___volume__in_Blood_by_Automated_count>=Leukocytes___volum
e__in_Blood_by_Automated_count-immunizations_lifetime_cost
5824 mean_Leukocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expe
nses)^longitude
5825 mean_Leukocytes___volume__in_Blood_by_Automated_count>=minimum(active_care
_plans,Leukocytes___volume__in_Blood_by_Automated_count)
5826 mean_MCH__Entitic_mass__by_Automated_count<=healthcare_expenses
5827 mean_MCH__Entitic_mass__by_Automated_count<=MCHC__Mass_volume__by_Automated
_count-1
5828 mean_MCH__Entitic_mass__by_Automated_count<=maximum(age,MCH__Entitic_mass__
by_Automated_count)
5829 mean_MCH__Entitic_mass__by_Automated_count<=MCH__Entitic_mass__by_Automated
_count+active_care_plans
5830 mean_MCH__Entitic_mass__by_Automated_count<=maximum(Sodium,MCH__Entitic_mas
s__by_Automated_count)
5831 mean_MCH__Entitic_mass__by_Automated_count<=floor(MCV__Entitic_volume__by_A
utomated_count)/num_allergies
5832 mean_MCH__Entitic_mass__by_Automated_count<=maximum(active_care_plan_length
,MCH__Entitic_mass__by_Automated_count)
5833 mean_MCH__Entitic_mass__by_Automated_count<=maximum(QALY,MCH__Entitic_mass_
_by_Automated_count)
5834 mean_MCH__Entitic_mass__by_Automated_count<=MCH__Entitic_mass__by_Automated

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_count+procedures_lifetime
5835 mean_MCH__Entitic_mass__by_Automated_count<=maximum(MCH__Entitic_mass__by_A
utomated_count,mean_High_Density_Lipoprotein_Cholesterol)
5836 mean_MCH__Entitic_mass__by_Automated_count<=log(Body_Weight)/log(10)+MCH__E
ntitic_mass__by_Automated_count
5837 mean_MCH__Entitic_mass__by_Automated_count<=maximum(MCH__Entitic_mass__by_A
utomated_count,1/2*High_Density_Lipoprotein_Cholesterol)
5838 mean_MCH__Entitic_mass__by_Automated_count>=longitude
5839 mean_MCH__Entitic_mass__by_Automated_count>=MCH__Entitic_mass__by_Automated
_count
5840 mean_MCH__Entitic_mass__by_Automated_count>=-healthcare_expenses
5841 mean_MCH__Entitic_mass__by_Automated_count>=healthcare_expenses^longitude
5842 mean_MCH__Entitic_mass__by_Automated_count>=QALY*log(10)/log(mean_Platelets
___volume__in_Blood_by_Automated_count)
5843 mean_MCH__Entitic_mass__by_Automated_count>=-Low_Density_Lipoprotein_Choles
terol+2*mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
5844
mean_MCH__Entitic_mass__by_Automated_count>=(10^healthcare_expenses)^longitude
5845 mean_MCHC__Mass_volume__by_Automated_count<=healthcare_expenses
5846 mean_MCHC__Mass_volume__by_Automated_count<=ceil(MCHC__Mass_volume__by_Auto
mated_count)
5847 mean_MCHC__Mass_volume__by_Automated_count<=maximum(age,MCHC__Mass_volume__
by_Automated_count)
5848 mean_MCHC__Mass_volume__by_Automated_count<=MCHC__Mass_volume__by_Automated
_count+num_allergies
5849 mean_MCHC__Mass_volume__by_Automated_count<=2*Erythrocytes___volume__in_Bl
ood_by_Automated_count^2
5850 mean_MCHC__Mass_volume__by_Automated_count<=1/2*Platelet_distribution_width
__Entitic_volume__in_Blood_by_Automated_count-active_care_plan_length
5851 mean_MCHC__Mass_volume__by_Automated_count>=longitude
5852 mean_MCHC__Mass_volume__by_Automated_count>=floor(MCHC__Mass_volume__by_Aut
omated_count)
5853 mean_MCHC__Mass_volume__by_Automated_count>=healthcare_expenses^longitude
5854 mean_MCHC__Mass_volume__by_Automated_count>=MCH__Entitic_mass__by_Automated
_count+1
5855 mean_MCHC__Mass_volume__by_Automated_count>=minimum(Triglycerides,MCHC__Mas
s_volume__by_Automated_count)
5856 mean_MCHC__Mass_volume__by_Automated_count>=-healthcare_expenses
5857 mean_MCHC__Mass_volume__by_Automated_count>=Hematocrit__Volume_Fraction__of
_Blood_by_Automated_count-Hemoglobin__Mass_volume__in_Blood
5858 mean_MCHC__Mass_volume__by_Automated_count>=MCHC__Mass_volume__by_Automated
_count-active_care_plans
5859 mean_MCHC__Mass_volume__by_Automated_count>=MCHC__Mass_volume__by_Automated
_count-immunizations_lifetime
5860 mean_MCHC__Mass_volume__by_Automated_count>=MCHC__Mass_volume__by_Automated
_count-procedures_lifetime
5861 mean_MCHC__Mass_volume__by_Automated_count>=minimum(procedures_lifetime,MCH
C__Mass_volume__by_Automated_count)

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5862 mean_MCHC__Mass_volume__by_Automated_count>=MCHC__Mass_volume__by_Automated
_count^QOLS
5863 mean_MCHC__Mass_volume__by_Automated_count>=minimum(MCHC__Mass_volume__by_A
utomated_count,pH_of_Urine_by_Test_strip)
5864
mean_MCHC__Mass_volume__by_Automated_count>=(10^healthcare_expenses)^longitude
5865 mean_MCHC__Mass_volume__by_Automated_count>=-2*DALY+MCHC__Mass_volume__by_A
utomated_count
5866 mean_MCHC__Mass_volume__by_Automated_count>=log(mean_Aspartate_aminotransfe
rase__Enzymatic_activity_volume__in_Serum,Plasma)^num_allergies
5867 mean_MCV__Entitic_volume__by_Automated_count<=healthcare_expenses
5868 mean_MCV__Entitic_volume__by_Automated_count<=MCV__Entitic_volume__by_Autom
ated_count
5869 mean_MCV__Entitic_volume__by_Automated_count<=Total_Cholesterol*log(10)/log
(QALY)
5870 mean_MCV__Entitic_volume__by_Automated_count>=latitude
5871 mean_MCV__Entitic_volume__by_Automated_count>=MCV__Entitic_volume__by_Autom
ated_count-immunizations_lifetime_cost
5872 mean_MCV__Entitic_volume__by_Automated_count>=-Leukocytes___volume__in_Blo
od_by_Automated_count+MCV__Entitic_volume__by_Automated_count+1
5873 mean_MCV__Entitic_volume__by_Automated_count>=MCV__Entitic_volume__by_Autom
ated_count-active_care_plan_length
5874 mean_MCV__Entitic_volume__by_Automated_count>=MCV__Entitic_volume__by_Autom
ated_count-procedures_lifetime
5875 mean_MCV__Entitic_volume__by_Automated_count>=-healthcare_expenses
5876 mean_MCV__Entitic_volume__by_Automated_count>=minimum(encounters_count,MCV_
__Entitic_volume__by_Automated_count)
5877 mean_MCV__Entitic_volume__by_Automated_count>=minimum(Low_Density_Lipoprote
in_Cholesterol,MCV__Entitic_volume__by_Automated_count)
5878 mean_MCV__Entitic_volume__by_Automated_count>=minimum(Diastolic_Blood_Press
ure,MCV__Entitic_volume__by_Automated_count)
5879 mean_MCV__Entitic_volume__by_Automated_count>=healthcare_expenses^longitude
5880 mean_MCV__Entitic_volume__by_Automated_count>=minimum(MCV__Entitic_volume__
by_Automated_count,pH_of_Urine_by_Test_strip)
5881 mean_MCV__Entitic_volume__by_Automated_count>=QALY+mean_Platelet_mean_volum
e__Entitic_volume__in_Blood_by_Automated_count
5882 mean_MCV__Entitic_volume__by_Automated_count>=minimum(latitude,10^healthcar
e_expenses)
5883 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=healthcare_expenses
5884 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=10^num_allergies*Platelet_distribution_width__Entitic_volume__in_Blood_by_Au
tomated_count
5885 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+lif
etime_care_plan_length
5886 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=maximum(encounters_lifetime_payer_coverage,Platelet_distribution_width__Enti

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tic_volume__in_Blood_by_Automated_count)
5887 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=maximum(medications_lifetime_dispenses,Platelet_distribution_width__Entitic_
volume__in_Blood_by_Automated_count)
5888 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+imm
unizations_lifetime_cost
5889 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+pro
cedures_lifetime_cost
5890 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=10^mean_Leukocytes___volume__in_Blood_by_Automated_count/medications_active
5891 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=MCV__Entitic_volume__by_Automated_count+floor(Platelet_distribution_width__E
ntitic_volume__in_Blood_by_Automated_count)
5892 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=latitude
5893 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count^QOL
S
5894 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_c
ount,Platelets___volume__in_Blood_by_Automated_count)
5895 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_c
ount,pH_of_Urine_by_Test_strip)
5896 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count-
procedures_lifetime_cost
5897 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=-healthcare_expenses
5898 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count-
immunizations_lifetime_cost
5899 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=minimum(latitude,10^healthcare_expenses)
5900 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=minimum(immunizations_lifetime_cost,Platelet_distribution_width__Entitic_vol
ume__in_Blood_by_Automated_count)
5901 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count-
medications_lifetime_cost
5902 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=-sqrt(healthcare_coverage)+Platelet_distribution_width__Entitic_volume__in_B
lood_by_Automated_count
5903 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=healthcare_expenses/healthcare_coverage
5904 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou

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nt>=10^num_allergies/mean_Leukocytes___volume__in_Blood_by_Automated_count
5905 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=minimum(Triglycerides,Platelet_distribution_width__Entitic_volume__in_Blood_
by_Automated_count)
5906 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count/enc
ounters_count
5907 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=hea
lthcare_expenses
5908 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=cei
l(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
5909 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+num_allergies
5910 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=min
imum(Triglycerides,mean_Ketones__Mass_volume__in_Urine_by_Test_strip)
5911 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=-QA
LY+mean_MCV__Entitic_volume__by_Automated_count
5912 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=Bod
y_Mass_Index-lifetime_care_plans
5913 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=lon
gitude
5914 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=min
imum(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count,pH_of_Uri
ne_by_Test_strip)
5915 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=-sq
rt(encounters_lifetime_perc_covered)+Platelet_mean_volume__Entitic_volume__in_Bl
ood_by_Automated_count
5916 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-active_care_plans
5917 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=hea
lthcare_expenses^longitude
5918 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=-he
althcare_expenses
5919 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count^QOLS
5920 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=min
imum(DALY,Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
5921 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=min
imum(active_conditions,Platelet_mean_volume__Entitic_volume__in_Blood_by_Automat
ed_count)
5922 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=min
imum(lifetime_conditions,Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count)
5923 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=(10
^healthcare_expenses)^longitude
5924 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-
procedures_lifetime

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5925 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=min
imum(procedures_lifetime,Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count)
5926 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=max
imum(mean_Ketones__Mass_volume__in_Urine_by_Test_strip,-healthcare_expenses)
5927 mean_Platelets___volume__in_Blood_by_Automated_count<=healthcare_expenses
5928 mean_Platelets___volume__in_Blood_by_Automated_count<=Body_Mass_Index+Plat
elets___volume__in_Blood_by_Automated_count-1
5929 mean_Platelets___volume__in_Blood_by_Automated_count<=Platelets___volume_
_in_Blood_by_Automated_count+active_care_plan_length
5930 mean_Platelets___volume__in_Blood_by_Automated_count<=Erythrocytes___volu
me__in_Blood_by_Automated_count*floor(Low_Density_Lipoprotein_Cholesterol)
5931 mean_Platelets___volume__in_Blood_by_Automated_count<=maximum(encounters_l
ifetime_payer_coverage,Platelets___volume__in_Blood_by_Automated_count)
5932 mean_Platelets___volume__in_Blood_by_Automated_count<=maximum(Platelet_dis
tribution_width__Entitic_volume__in_Blood_by_Automated_count,Platelets___volume
__in_Blood_by_Automated_count)
5933 mean_Platelets___volume__in_Blood_by_Automated_count<=maximum(medications_
lifetime_dispenses,Platelets___volume__in_Blood_by_Automated_count)
5934 mean_Platelets___volume__in_Blood_by_Automated_count<=maximum(Platelets___
_volume__in_Blood_by_Automated_count,mean_High_Density_Lipoprotein_Cholesterol)
5935 mean_Platelets___volume__in_Blood_by_Automated_count<=Platelets___volume_
_in_Blood_by_Automated_count+immunizations_lifetime_cost
5936 mean_Platelets___volume__in_Blood_by_Automated_count<=Platelets___volume_
_in_Blood_by_Automated_count+procedures_lifetime_cost
5937 mean_Platelets___volume__in_Blood_by_Automated_count>=latitude
5938 mean_Platelets___volume__in_Blood_by_Automated_count>=MCH__Entitic_mass__b
y_Automated_count*sqrt(active_care_plan_length)
5939 mean_Platelets___volume__in_Blood_by_Automated_count>=Platelets___volume_
_in_Blood_by_Automated_count-immunizations_lifetime_cost
5940 mean_Platelets___volume__in_Blood_by_Automated_count>=Platelets___volume_
_in_Blood_by_Automated_count-procedures_lifetime_cost
5941 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(Platelet_dis
tribution_width__Entitic_volume__in_Blood_by_Automated_count,Platelets___volume
__in_Blood_by_Automated_count)
5942 mean_Platelets___volume__in_Blood_by_Automated_count>=Platelets___volume_
_in_Blood_by_Automated_count-active_care_plan_length
5943 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(Triglyceride
s,Platelets___volume__in_Blood_by_Automated_count)
5944 mean_Platelets___volume__in_Blood_by_Automated_count>=-healthcare_expenses
5945 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(Platelets___
_volume__in_Blood_by_Automated_count,pH_of_Urine_by_Test_strip)
5946 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(latitude,10^
healthcare_expenses)
5947 mean_Platelets___volume__in_Blood_by_Automated_count>=healthcare_expenses^
longitude
5948 mean_Platelets___volume__in_Blood_by_Automated_count>=log(mean_Creatinine)
^medications_lifetime

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5949 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
healthcare_expenses
5950 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
5951 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*log(Glucose)/lo
g(10)
5952 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
maximum(Triglycerides,Alanine_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma-1)
5953 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
longitude
5954 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-2
5955 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
-healthcare_expenses
5956 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
ceil(DALY)
5957 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
immunizations_lifetime_cost
5958 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
floor(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)-mean
_Urea_Nitrogen
5959 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,Alanine_aminotransferase_
__Enzymatic_activity_volume__in_Serum,Plasma)
5960 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
healthcare_expenses^longitude
5961 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
(10^healthcare_expenses)^longitude
5962 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime_cost
5963 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Carbon_Dioxide^immunizations_lifetime
5964 mean_Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses
5965 mean_Albumin__Mass_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,
Plasma
5966 mean_Albumin__Mass_volume__in_Serum,Plasma<=-active_care_plan_length+floor(
lifetime_care_plan_length)
5967 mean_Albumin__Mass_volume__in_Serum,Plasma<=-floor(Urea_Nitrogen)+mean_Carb
on_Dioxide
5968 mean_Albumin__Mass_volume__in_Serum,Plasma>=longitude
5969 mean_Albumin__Mass_volume__in_Serum,Plasma>=Albumin__Mass_volume__in_Serum,
Plasma-procedures_lifetime
5970 mean_Albumin__Mass_volume__in_Serum,Plasma>=Protein__Mass_volume__in_Serum,
Plasma-mean_Protein__Mass_volume__in_Serum,Plasma-1

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5971 mean_Albumin__Mass_volume__in_Serum,Plasma>=minimum(active_care_plans,Albumin__Mass_volume__in_Serum,Plasma)
 5972 mean_Albumin__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
 5973 mean_Albumin__Mass_volume__in_Serum,Plasma>=Albumin__Mass_volume__in_Serum,Plasma-DALY
 5974 mean_Albumin__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 5975 mean_Albumin__Mass_volume__in_Serum,Plasma>=-DALY+active_care_plans+1
 5976
 mean_Albumin__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 5977 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses
 5978
 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Sodium-active_care_plans
 5979 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(Diastolic_Blood_Pressure,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 5980 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+immunizations_lifetime_cost
 5981 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(lifetime_care_plan_length,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 5982 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(High_Density_Lipoprotein_Cholesterol,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 5983 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(Triglycerides,abs(active_care_plan_length))
 5984 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime_cost
 5985 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=sqrt(medications_lifetime_length)+mean_Glomerular_filtration_rate_1_73_sq_M_predicted
 5986
 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=latitude
 5987 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^QOLS
 5988 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses
 5989 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-floor(mean_Glomerular_filtration_rate_1_73_sq_M_predicted)+mean_Protein__Mass_volume__in_Serum,Plasma
 5990 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 5991 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(Carbon_Diox

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ide)/log(10)
5992 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Glom
erular_filtration_rate_1_73_sq_M_predicted-active_conditions
5993 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mini
mum(latitude,10^healthcare_expenses)
5994 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=heal
thcare_expenses^longitude
5995 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime_cost
5996 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-
immunizations_lifetime_cost
5997 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=healthcare_expenses
5998 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=minimum(healthcare_expenses,High_Density_Lipoprotein_Cholesterol)
5999 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=1/2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*act
ive_care_plans
6000 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(encounters_count,Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)
6001 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
,e^medications_active)
6002 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+2
6003 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=(mean_Glomerular_filtration_rate_1_73_sq_M_predicted-1)*active_care_plans
6004 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+immuniz
ations_lifetime_cost
6005 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
,1/device_lifetime_length)
6006 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(Protein__Mass_volume__in_Urine_by_Test_strip,abs(Aspartate_aminotransf
erase__Enzymatic_activity_volume__in_Serum,Plasma))
6007 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=longitude
6008 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Albumin__Mass_volume__in_Serum,Plasma^2-medications_lifetime
6009 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
num_allergies
6010 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=minimum(encounters_count,Aspartate_aminotransferase__Enzymatic_activity_volume

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__in_Serum,Plasma)
6011 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=-healthcare_expenses
6012 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=healthcare_expenses^longitude
6013 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=(10^healthcare_expenses)^longitude
6014 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=2*age-2*lifetime_care_plan_length
6015 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses
6016
mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=-QOLS+medications_active
6017 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=10^num_allergies
6018 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=1/2*Bilirubin_total__Ma
ss_volume__in_Serum,Plasma*medications_active
6019 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
olume__in_Serum,Plasma+procedures_lifetime
6020 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(QOLS,Bilirubin_
total__Mass_volume__in_Serum,Plasma)
6021 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
olume__in_Serum,Plasma*Globulin__Mass_volume__in_Serum_by_calculation
6022 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=minimum(healthcare_expe
nses,Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
6023 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
olume__in_Serum,Plasma+immunizations_lifetime
6024 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=longitude
6025 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=Bilirubin_total__Mass_v
olume__in_Serum,Plasma-num_allergies
6026 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
6027 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=Bilirubin_total__Mass_v
olume__in_Serum,Plasma-immunizations_lifetime
6028 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,Bilirubin_total__Mass_volume__in_Urine_by_Test_st
rip)
6029 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=-1/2*DALY+QOLS
6030 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses
)^longitude
6031 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=healthcare_expenses^lon
gitude
6032 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=imaging_studies_lifetim
e^DALY
6033 mean_Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses
6034 mean_Globulin__Mass_volume__in_Serum_by_calculation<=mean_Creatinine+1
6035 mean_Globulin__Mass_volume__in_Serum_by_calculation<=maximum(active_care_pl
ans,Globulin__Mass_volume__in_Serum_by_calculation)
6036 mean_Globulin__Mass_volume__in_Serum_by_calculation<=1/Creatinine+Globulin_
_Mass_volume__in_Serum_by_calculation
6037 mean_Globulin__Mass_volume__in_Serum_by_calculation<=-mean_Creatinine+medic

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ations_lifetime+1
6038 mean_Globulin__Mass_volume__in_Serum_by_calculation<=maximum(medications_active,Globulin__Mass_volume__in_Serum_by_calculation)
6039 mean_Globulin__Mass_volume__in_Serum_by_calculation<=maximum(procedures_lifetime,Globulin__Mass_volume__in_Serum_by_calculation)
6040 mean_Globulin__Mass_volume__in_Serum_by_calculation<=Creatinine+procedures_lifetime_cost
6041 mean_Globulin__Mass_volume__in_Serum_by_calculation<=Globulin__Mass_volume__in_Serum_by_calculation+immunizations_lifetime
6042 mean_Globulin__Mass_volume__in_Serum_by_calculation>=longitude
6043 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Globulin__Mass_volume__in_Serum_by_calculation-num_allergies
6044 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Creatinine-1
6045 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Globulin__Mass_volume__in_Serum_by_calculation-1/2*immunizations_lifetime
6046 mean_Globulin__Mass_volume__in_Serum_by_calculation>=-healthcare_expenses
6047 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Globulin__Mass_volume__in_Serum_by_calculation-immunizations_lifetime
6048 mean_Globulin__Mass_volume__in_Serum_by_calculation>=(10^healthcare_expenses)^longitude
6049 mean_Globulin__Mass_volume__in_Serum_by_calculation>=healthcare_expenses^longitude
6050
mean_Globulin__Mass_volume__in_Serum_by_calculation>=-1/2*DALY+active_care_plans
6051 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Creatinine-procedures_lifetime
6052 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses
6053 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=ceil(Glomerular_filtration_rate_1_73_sq_M_predicted)
6054 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(latitude,Glomerular_filtration_rate_1_73_sq_M_predicted)
6055 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(Triglycerides,e^mean_Globulin__Mass_volume__in_Serum_by_calculation)
6056 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=1/active_conditions+Glomerular_filtration_rate_1_73_sq_M_predicted
6057 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=longitude
6058 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=1/2*Albumin__Mass_volume__in_Serum,Plasma+lifetime_conditions
6059
mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=2*QALY/mean_Urea_Nitrogen
6060 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=minimum(Triglycerides,Glomerular_filtration_rate_1_73_sq_M_predicted)
6061 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=healthcare_expenses^longitude
6062 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_rate_1_73_sq_M_predicted^imaging_studies_lifetime
6063 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=-healthcare_expenses
6064 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_

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rate_1_73_sq_M_predicted-immunizations_lifetime_cost
6065 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=(10^healthcare_expense
s)^longitude
6066 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted-procedures_lifetime_cost
6067 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted^QOLS
6068 mean_Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses
6069 mean_Protein__Mass_volume__in_Serum,Plasma<=Alkaline_phosphatase__Enzymatic
_activity_volume__in_Serum,Plasma*sqrt(mean_Calcium)
6070 mean_Protein__Mass_volume__in_Serum,Plasma<=Protein__Mass_volume__in_Serum,
Plasma
6071 mean_Protein__Mass_volume__in_Serum,Plasma<=mean_Urea_Nitrogen^2-Albumin__M
ass_volume__in_Serum,Plasma
6072 mean_Protein__Mass_volume__in_Serum,Plasma>=latitude
6073 mean_Protein__Mass_volume__in_Serum,Plasma>=Protein__Mass_volume__in_Serum,
Plasma-immunizations_lifetime_cost
6074 mean_Protein__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
6075 mean_Protein__Mass_volume__in_Serum,Plasma>=age-e^DALY
6076 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(active_care_plan_length
,Protein__Mass_volume__in_Serum,Plasma)
6077 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(Glomerular_filtration_r
ate_1_73_sq_M_predicted,Protein__Mass_volume__in_Serum,Plasma)
6078 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(encounters_count,Protei
n__Mass_volume__in_Serum,Plasma)
6079 mean_Protein__Mass_volume__in_Serum,Plasma>=Protein__Mass_volume__in_Serum,
Plasma-mean_Albumin__Mass_volume__in_Serum,Plasma-1
6080 mean_Protein__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
6081 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(latitude,10^healthcare_
expenses)
Dead
1 healthcare_expenses<=latitude^4
2 healthcare_expenses<=10^sqrt(latitude)
3 healthcare_expenses<=10^sqrt(age)
4 healthcare_expenses<=10^healthcare_coverage*medications_lifetime_cost
5 healthcare_expenses<=(Protein__Mass_volume__in_Serum,Plasma-1)^Albumin__Mass_v
olume__in_Serum,Plasma
6 healthcare_expenses<=(e^Potassium)^mean_Potassium
7 healthcare_expenses<=10^(Urea_Nitrogen-1)
8 healthcare_expenses<=Calcium^Glomerular_filtration_rate_1_73_sq_M_predicted
9 healthcare_expenses<=(medications_lifetime_cost-1)*mean_Triglycerides
10 healthcare_expenses<=(1/2*MCV__Entitic_volume__by_Automated_count)^Potassium
11 healthcare_expenses<=Body_Height^2*Heart_rate
12 healthcare_expenses<=sqrt(10^Hemoglobin__Mass_volume__in_Blood)
13 healthcare_expenses<=(QALY-1)^mean_Potassium
14 healthcare_expenses<=(Diastolic_Blood_Pressure^2)^active_care_plan_length
15 healthcare_expenses<=Body_Height^2*age
16 healthcare_expenses<=Chloride^2*mean_Total_Cholesterol

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17 healthcare_expenses<=Calcium*encounters_lifetime_total_cost^2
18 healthcare_expenses<=log(device_lifetime_length)^Platelet_mean_volume__Entiti
c_volume__in_Blood_by_Automated_count
19 healthcare_expenses<=floor(Potassium)^Respiratory_rate
20 healthcare_expenses<=(e^active_conditions)^Respiratory_rate
21 healthcare_expenses<=e^Respiratory_rate*mean_Respiratory_rate
22 healthcare_expenses<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*medic
ations_lifetime_length^2
23 healthcare_expenses<=maximum(healthcare_coverage,e^active_care_plan_length)
24 healthcare_expenses<=log(Body_Mass_Index)^Respiratory_rate
25 healthcare_expenses<=encounters_lifetime_total_cost*longitude^2
26 healthcare_expenses<=sqrt(Globulin__Mass_volume__in_Serum_by_calculation)^lat
itude
27 healthcare_expenses<=log(Diastolic_Blood_Pressure)^mean_Estimated_Glomerular_
Filtration_Rate
28 healthcare_expenses<=Chloride*Sodium^2
29 healthcare_expenses<=(log(age)/log(10))^QALY
30 healthcare_expenses<=Body_Height*Systolic_Blood_Pressure^2
31 healthcare_expenses<=(Globulin__Mass_volume__in_Serum_by_calculation+1)^mean_
Respiratory_rate
32 healthcare_expenses<=Sodium^2*mean_Chloride
33 healthcare_expenses<=Systolic_Blood_Pressure^2*mean_Body_Height
34 healthcare_expenses<=Body_Height*Chloride^2
35 healthcare_expenses<=sqrt(Alanine_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)^Aspartate_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma
36 healthcare_expenses<=Body_Height^2*Glucose
37 healthcare_expenses<=(e^Sodium)^Bilirubin_total__Mass_volume__in_Serum,Plasma
38 healthcare_expenses<=sqrt(active_condition_length)^mean_Calcium
39 healthcare_expenses<=(2*lifetime_condition_length)^Hemoglobin_A1c_Hemoglobin_
total_in_Blood
40 healthcare_expenses<=(log(Systolic_Blood_Pressure)/log(10))^Carbon_Dioxide
41 healthcare_expenses<=10^Erythrocytes___volume__in_Blood_by_Automated_count*1
ifetime_care_plan_length
42 healthcare_expenses<=Total_Cholesterol^2*age
43 healthcare_expenses<=(log(MCV__Entitic_volume__by_Automated_count)/log(10))^B
ody_Mass_Index
44 healthcare_expenses<=Low_Density_Lipoprotein_Cholesterol*medications_lifetime
_dispendes^2
45 healthcare_expenses<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood*encounters_l
ifetime_total_cost
46 healthcare_expenses<=(e^QOLS)^mean_Triglycerides
47 healthcare_expenses<=10^Urea_Nitrogen/Protein__Mass_volume__in_Serum,Plasma
48 healthcare_expenses<=(QALY+1)^Potassium
49 healthcare_expenses<=10^Respiratory_rate/medications_lifetime_cost
50 healthcare_expenses<=Chloride^2*Total_Cholesterol
51 healthcare_expenses<=Low_Density_Lipoprotein_Cholesterol*Total_Cholesterol^2
52 healthcare_expenses<=log(MCV__Entitic_volume__by_Automated_count)^Platelet_me

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an_volume__Entitic_volume__in_Blood_by_Automated_count
53 healthcare_expenses<=(2*Carbon_Dioxide)^Potassium
54 healthcare_expenses<=Glucose*Total_Cholesterol^2
55 healthcare_expenses<=10^Calcium/lifetime_care_plan_length
56 healthcare_expenses<=(1/Bilirubin_total__Mass_volume__in_Serum,Plasma)^mean_S
ystolic_Blood_Pressure
57 healthcare_expenses<=10^Calcium/mean_Total_Cholesterol
58
healthcare_expenses<=Platelets___volume__in_Blood_by_Automated_count*e^Calcium
59 healthcare_expenses<=Erythrocyte_distribution_width__Entitic_volume__by_Autom
ated_count*Platelets___volume__in_Blood_by_Automated_count^2
60 healthcare_expenses<=(Hemoglobin__Mass_volume__in_Blood^2)^Hemoglobin_A1c_Hem
oglobin_total_in_Blood
61 healthcare_expenses<=MCV__Entitic_volume__by_Automated_count^2*Platelets___v
olume__in_Blood_by_Automated_count
62 healthcare_expenses>=(1/2*Aspartate_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma)^mean_Creatinine
63 healthcare_expenses>=active_conditions*longitude^2
64 healthcare_expenses>=1/2*encounters_lifetime_perc_covered*medications_lifetim
e_cost
65
healthcare_expenses>=(active_care_plan_length+1)*medications_lifetime_dispenses
66 healthcare_expenses>=Glomerular_filtration_rate_1_73_sq_M_predicted*e^medicat
ions_active
67 healthcare_expenses>=Potassium*e^lifetime_care_plans
68 healthcare_expenses>=(Urea_Nitrogen+1)*encounters_lifetime_payer_coverage
69 healthcare_expenses>=Aspartate_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma^2*lifetime_care_plan_length
70 healthcare_expenses>=sqrt(imaging_studies_lifetime)*medications_lifetime_cost
71
healthcare_expenses>=encounters_lifetime_total_cost+1/2*procedures_lifetime_cost
72 healthcare_expenses>=(immunizations_lifetime^2)^Hemoglobin_A1c_Hemoglobin_tot
al_in_Blood
73 healthcare_expenses>=1/2*Carbon_Dioxide*medications_lifetime_length
74 healthcare_expenses>=medications_lifetime^2-medications_lifetime_cost
75 healthcare_expenses>=e^Hemoglobin__Mass_volume__in_Blood/Respiratory_rate
76 healthcare_expenses>=1/2*healthcare_coverage/Bilirubin_total__Mass_volume__in
_Serum,Plasma
77 healthcare_expenses>=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Estimat
ed_Glomerular_Filtration_Rate
78 healthcare_expenses>=Respiratory_rate^Erythrocytes___volume__in_Blood_by_Aut
omated_count
79 healthcare_expenses>=(Heart_rate-1)*immunizations_lifetime_cost
80
healthcare_expenses>=floor(Urea_Nitrogen)^Albumin__Mass_volume__in_Serum,Plasma
81 healthcare_expenses>=sqrt(DALY)^active_care_plans
82 healthcare_expenses>=(-Body_Mass_Index)^mean_Pain_severity___0_10_verbal_nume
ric_rating__Score___Reported

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83 healthcare_expenses>=Urea_Nitrogen^2*medications_lifetime
84 healthcare_expenses>=2*procedures_lifetime_cost/active_conditions
85 healthcare_expenses>=Body_Mass_Index^immunizations_lifetime
86 healthcare_expenses>=(1/2*medications_lifetime_cost)^Bilirubin_total__Mass_vo
lume__in_Serum,Plasma
87 healthcare_expenses>=(e^Creatinine)^Pain_severity___0_10_verbal_numeric_ratin
g__Score____Reported
88 healthcare_expenses>=(2*Calcium)^num_allergies
89 healthcare_expenses>=(procedures_lifetime_cost+1)*device_lifetime_length
90 healthcare_expenses>=Glucose^2*Potassium
91 healthcare_expenses>=Aspartate_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma^2*Triglycerides
92 healthcare_expenses>=healthcare_coverage*log(Platelet_distribution_width__Ent
itic_volume__in_Blood_by_Automated_count)/log(10)
93 healthcare_expenses>=e^lifetime_conditions/Hematocrit__Volume_Fraction__of_Bl
ood_by_Automated_count
94 healthcare_expenses>=device_lifetime_length^2*medications_lifetime
95 healthcare_expenses>=(1/2*longitude)^Creatinine
96 healthcare_expenses>=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*encounters_
lifetime_total_cost
97 healthcare_expenses>=1/2*Carbon_Dioxide*encounters_lifetime_payer_coverage
98 healthcare_expenses>=minimum(healthcare_coverage,Respiratory_rate)
99 healthcare_expenses>=Erythrocyte_distribution_width__Entitic_volume__by_Autom
ated_count^2*Systolic_Blood_Pressure
100 healthcare_expenses>=(e^Urea_Nitrogen)^encounters_lifetime_perc_covered
101 healthcare_expenses>=(1/2*active_care_plan_length)^mean_Pain_severity___0_10
_verbal_numeric_rating__Score____Reported
102 healthcare_expenses>=(log(Respiratory_rate)/log(10))^Glomerular_filtration_r
ate_1_73_sq_M_predicted
103 healthcare_expenses>=2*medications_lifetime_cost/medications_lifetime
104 healthcare_expenses>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*e^Calcium
105
healthcare_expenses>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^active_care_plans
106 healthcare_expenses>=Calcium*e^Platelet_mean_volume__Entitic_volume__in_Bloo
d_by_Automated_count
107 healthcare_expenses>=(procedures_lifetime-1)^Erythrocytes___volume__in_Bloo
d_by_Automated_count
108 healthcare_expenses>=(10^encounters_lifetime_perc_covered)^Leukocytes___vol
ume__in_Blood_by_Automated_count
109 healthcare_expenses>=Erythrocytes___volume__in_Blood_by_Automated_count^med
ications_active
110 healthcare_expenses>=Estimated_Glomerular_Filtration_Rate*age^2
111 healthcare_expenses>=Triglycerides^2*device_lifetime_length
112 healthcare_expenses>=(-medications_active)^mean_Calcium
113 healthcare_expenses>=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2)^
active_care_plans
114 healthcare_expenses>=1/4*healthcare_coverage
115 healthcare_expenses>=e^sqrt(Alkaline_phosphatase__Enzymatic_activity_volume_

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_in_Serum,Plasma)
116 healthcare_expenses>=e^sqrt(mean_Low_Density_Lipoprotein_Cholesterol)
117 healthcare_expenses>=DALY^2*Sodium
118 healthcare_expenses>=(e^Globulin__Mass_volume__in_Serum_by_calculation)^Pain
_severity__0_10_verbal_numeric_rating__Score____Reported
119 healthcare_expenses>=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2)^
mean_Creatinine
120 healthcare_expenses>=lifetime_condition_length^2-medications_lifetime_cost
121 healthcare_expenses>=medications_lifetime_cost*sqrt(num_allergies)
122 healthcare_expenses>=encounters_lifetime_total_cost*e^immunizations_lifetime
123 healthcare_expenses>=(1/2*lifetime_care_plans)^Platelet_mean_volume__Entitic
_volume__in_Blood_by_Automated_count
124
healthcare_expenses>=log(medications_lifetime_cost)*medications_lifetime_length
125 healthcare_expenses>=(lifetime_care_plans^2)^Pain_severity__0_10_verbal_num
eric_rating__Score____Reported
126 healthcare_expenses>=(-Carbon_Dioxide)^Potassium
127 healthcare_expenses>=(encounters_lifetime_total_cost^2)^encounters_lifetime_
perc_covered
128 healthcare_expenses>=e^active_conditions*num_allergies
129 healthcare_expenses>=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
)^procedures_lifetime
130 healthcare_expenses>=(log(lifetime_conditions)/log(10))^mean_Estimated_Glome
rular_Filtration_Rate
131
healthcare_expenses>=(-encounters_lifetime_total_cost)^imaging_studies_lifetime
132 healthcare_expenses>=(Albumin__Mass_volume__in_Serum,Plasma-1)^medications_a
ctive
133 healthcare_expenses>=encounters_lifetime_payer_coverage*sqrt(immunizations_l
ifetime_cost)
134 healthcare_expenses>=e^Respiratory_rate/QALY
135 healthcare_expenses>=(1/QOLS)^Body_temperature
136 healthcare_expenses>=(-medications_lifetime_dispenses)^num_allergies
137 healthcare_expenses>=medications_lifetime_dispenses^2/medications_lifetime
138 healthcare_expenses>=(log(Respiratory_rate)/log(10))^active_condition_length
139 healthcare_expenses>=(-medications_active)^Urea_Nitrogen
140 healthcare_expenses>=(log(Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma)/log(10))^Body_Mass_Index
141 healthcare_expenses>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*procedures
_lifetime_cost
142 healthcare_expenses>=Diastolic_Blood_Pressure^2*Prostate_specific_Ag__Mass_v
olume__in_Serum,Plasma
143 healthcare_expenses>=floor(Body_Mass_Index)^Globulin__Mass_volume__in_Serum_
by_calculation
144 healthcare_expenses>=10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*e
ncounters_lifetime_perc_covered
145 healthcare_expenses>=log(Hematocrit__Volume_Fraction__of_Blood_by_Automated_
count)^Calcium

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146 healthcare_expenses>=(10^Bilirubin_total__Mass_volume__in_Serum,Plasma)^Hemo
globin_A1c_Hemoglobin_total_in_Blood
147 healthcare_expenses>=(-Globulin__Mass_volume__in_Serum_by_calculation)^activ
e_conditions
148 healthcare_expenses>=sqrt(Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma)*encounters_lifetime_total_cost
149 healthcare_coverage<=encounters_lifetime_total_cost^2/active_conditions
150 healthcare_coverage<=1/2*e^mean_Respiratory_rate
151 healthcare_coverage<=mean_Calcium^Microalbumin_Creatinine_Ratio
152 healthcare_coverage<=1/2*healthcare_expenses/num_allergies
153
healthcare_coverage<=Low_Density_Lipoprotein_Cholesterol^2*medications_lifetime
154 healthcare_coverage<=QALY^2*lifetime_condition_length
155 healthcare_coverage<=Glucose*High_Density_Lipoprotein_Cholesterol^2
156 healthcare_coverage<=1/2*Protein__Mass_volume__in_Serum,Plasma*encounters_li
ifetime_payer_coverage
157 healthcare_coverage<=(healthcare_expenses-1)/Prostate_specific_Ag__Mass_volu
me__in_Serum,Plasma
158 healthcare_coverage<=10^Potassium*mean_Carbon_Dioxide
159 healthcare_coverage<=2*Bilirubin_total__Mass_volume__in_Serum,Plasma*healthc
are_expenses
160 healthcare_coverage<=10^encounters_lifetime_payer_coverage*encounters_lifeti
me_total_cost
161 healthcare_coverage<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*life
time_condition_length^2
162 healthcare_coverage<=medications_lifetime_dispenses^2/device_lifetime_length
163 healthcare_coverage<=sqrt(encounters_lifetime_perc_covered)^longitude
164 healthcare_coverage<=log(Albumin__Mass_volume__in_Serum,Plasma)^latitude
165 healthcare_coverage<=(Erythrocytes___volume__in_Blood_by_Automated_count-1)
^Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
166 healthcare_coverage<=10^DALY/imaging_studies_lifetime
167 healthcare_coverage<=log(latitude)^mean_Urea_Nitrogen
168 healthcare_coverage<=(e^Carbon_Dioxide)^Creatinine
169 healthcare_coverage<=sqrt(encounters_lifetime_total_cost)^mean_Hemoglobin_A1
c_Hemoglobin_total_in_Blood
170
healthcare_coverage<=(2*Protein__Mass_volume__in_Serum,Plasma)^active_care_plans
171 healthcare_coverage<=Heart_rate^2*High_Density_Lipoprotein_Cholesterol
172 healthcare_coverage<=Diastolic_Blood_Pressure^2*Heart_rate
173 healthcare_coverage<=encounters_lifetime_payer_coverage^Triglycerides
174 healthcare_coverage<=(encounters_lifetime_total_cost-1)*Aspartate_aminotrans
ferase__Enzymatic_activity_volume__in_Serum,Plasma
175 healthcare_coverage<=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2)^
Carbon_Dioxide
176 healthcare_coverage<=(1/2*procedures_lifetime_cost)^Prostate_specific_Ag__Ma
ss_volume__in_Serum,Plasma
177 healthcare_coverage<=1/2*Creatinine*healthcare_expenses
178 healthcare_coverage<=encounters_lifetime_total_cost^2/Carbon_Dioxide

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179 healthcare_coverage<=log(Heart_rate)^Glomerular_filtration_rate_1_73_sq_M_pr
edicted
180 healthcare_coverage<=10^Potassium*DALY
181 healthcare_coverage<=(Potassium^2)^Erythrocytes____volume__in_Blood_by_Autom
ated_count
182
healthcare_coverage<=(1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Body_Weight
183 healthcare_coverage<=(2*Urea_Nitrogen)^mean_Potassium
184
healthcare_coverage<=maximum(medications_lifetime_cost,1/device_lifetime_length)
185 healthcare_coverage<=(10^active_conditions)^encounters_count
186 healthcare_coverage<=log(Alkaline_phosphatase__Enzymatic_activity_volume__in
_Serum,Plasma)^mean_Urea_Nitrogen
187 healthcare_coverage<=(2*Glucose)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
188
healthcare_coverage<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^Chloride
189 healthcare_coverage<=medications_lifetime_length^2/Estimated_Glomerular_Filt
ration_Rate
190 healthcare_coverage<=2*Estimated_Glomerular_Filtration_Rate*encounters_lifet
ime_payer_coverage
191 healthcare_coverage<=(2*Body_Height)^Globulin__Mass_volume__in_Serum_by_calc
ulation
192 healthcare_coverage<=Erythrocyte_distribution_width__Entitic_volume__by_Auto
mated_count^2*Platelets____volume__in_Blood_by_Automated_count
193 healthcare_coverage<=(1/2*Platelets____volume__in_Blood_by_Automated_count)^
active_care_plans
194
healthcare_coverage<=(Estimated_Glomerular_Filtration_Rate^2)^active_care_plans
195 healthcare_coverage<=10^sqrt(Alanine_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma)
196 healthcare_coverage<=encounters_count*e^Urea_Nitrogen
197 healthcare_coverage<=10^encounters_count*active_care_plan_length
198 healthcare_coverage<=(lifetime_condition_length^2)^active_care_plan_length
199 healthcare_coverage<=(log(encounters_lifetime_payer_coverage)/log(10))^Plate
let_mean_volume__Entitic_volume__in_Blood_by_Automated_count
200 healthcare_coverage<=(log(Platelet_distribution_width__Entitic_volume__in_Bl
ood_by_Automated_count)/log(10))^Hemoglobin_Mass_volume__in_Blood
201 healthcare_coverage<=log(lifetime_care_plan_length)^Aspartate_aminotransfera
se__Enzymatic_activity_volume__in_Serum,Plasma
202 healthcare_coverage<=log(Low_Density_Lipoprotein_Cholesterol)^Calcium
203 healthcare_coverage<=10^Globulin__Mass_volume__in_Serum_by_calculation+medic
ations_lifetime_cost
204 healthcare_coverage<=(e^active_care_plans)^Calcium
205 healthcare_coverage<=(1/2*active_care_plan_length)^mean_Albumin__Mass_volume
__in_Serum,Plasma
206 healthcare_coverage<=lifetime_care_plan_length^2*mean_Triglycerides
207 healthcare_coverage<=(1/2*Body_Mass_Index)^encounters_count
208 healthcare_coverage<=10^active_conditions/device_lifetime_length

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209 healthcare_coverage<=(Body_Weight^2)^active_conditions
210 healthcare_coverage<=2*encounters_lifetime_payer_coverage*mean_Estimated_Glo
merular_Filtration_Rate
211 healthcare_coverage<=log(active_condition_length)^mean_Urea_Nitrogen
212 healthcare_coverage<=10^lifetime_condition_length*encounters_count
213 healthcare_coverage<=encounters_lifetime_total_cost^2/DALY
214 healthcare_coverage<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count*e^Urea_Nitrogen
215 healthcare_coverage<=e^Calcium*mean_High_Density_Lipoprotein_Cholesterol
216 healthcare_coverage<=DALY*e^Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count
217 healthcare_coverage<=log(medications_lifetime_dispenses)*medications_lifetim
e_cost
218 healthcare_coverage<=encounters_lifetime_total_cost^2/MCH__Entitic_mass__by_
Automated_count
219 healthcare_coverage<=2*medications_lifetime_cost/medications_lifetime_perc_c
overed
220 healthcare_coverage<=medications_lifetime_length^2/medications_active
221 healthcare_coverage<=10^procedures_lifetime*healthcare_expenses
222 healthcare_coverage<=procedures_lifetime_cost^2/Prostate_specific_Ag__Mass_v
olume__in_Serum,Plasma
223 healthcare_coverage<=ceil(Globulin__Mass_volume__in_Serum_by_calculation)^me
an_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
224 healthcare_coverage<=10^Albumin__Mass_volume__in_Serum,Plasma*Glomerular_fil
tration_rate_1_73_sq_M_predicted
225
healthcare_coverage<=(Albumin__Mass_volume__in_Serum,Plasma^2)^mean_Potassium
226 healthcare_coverage<=encounters_lifetime_perc_covered*e^Hemoglobin__Mass_vol
ume__in_Blood
227 healthcare_coverage>=num_allergies
228 healthcare_coverage>=2*encounters_lifetime_total_cost*medications_lifetime_p
erc_covered
229 healthcare_coverage>=e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1
230 healthcare_coverage>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count^2*active_condition_length
231 healthcare_coverage>=(QALY+1)*Alkaline_phosphatase__Enzymatic_activity_volum
e__in_Serum,Plasma
232 healthcare_coverage>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_coun
t^2+medications_lifetime_length
233
healthcare_coverage>=minimum(medications_lifetime_dispenses,-Respiratory_rate)
234
healthcare_coverage>=encounters_lifetime_payer_coverage*log(active_care_plans)
235 healthcare_coverage>=sqrt(MCHC__Mass_volume__by_Automated_count)^lifetime_ca
re_plans
236 healthcare_coverage>=device_lifetime_length*e^Hemoglobin_A1c_Hemoglobin_tota
l_in_Blood
237 healthcare_coverage>=-medications_lifetime_cost+1/2*procedures_lifetime_cost

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238 healthcare_coverage>=e^Albumin__Mass_volume__in_Serum,Plasma*medications_lif
etime
239 healthcare_coverage>=Low_Density_Lipoprotein_Cholesterol^2*num_allergies
240 healthcare_coverage>=encounters_lifetime_total_cost+log(num_allergies)
241 healthcare_coverage>=log(Alanine_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)*medications_lifetime_dispenses
242 healthcare_coverage>=minimum(procedures_lifetime_cost,2*encounters_lifetime_
payer_coverage)
243 healthcare_coverage>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+2*encounters_
lifetime_payer_coverage
244 healthcare_coverage>=Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma*device_lifetime_length^2
245
healthcare_coverage>=encounters_count*sqrt(encounters_lifetime_payer_coverage)
246 healthcare_coverage>=ceil(encounters_lifetime_payer_coverage)*immunizations_
lifetime
247
healthcare_coverage>=encounters_lifetime_payer_coverage*log(procedures_lifetime)
248 healthcare_coverage>=(-device_lifetime_length)^Potassium
249 healthcare_coverage>=encounters_count^2*medications_lifetime_perc_covered
250 healthcare_coverage>=-encounters_lifetime_total_cost+medications_lifetime_le
ngth+1
251 healthcare_coverage>=(1/2*Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma)^Pain_severity___0_10_verbal_numeric_rating__Score____Repor
ted
252 healthcare_coverage>=Heart_rate*sqrt(encounters_lifetime_payer_coverage)
253 healthcare_coverage>=log(Hemoglobin__Mass_volume__in_Blood)*medications_lif
etime_length/log(10)
254 healthcare_coverage>=(active_care_plan_length-1)*MCV__Entitic_volume__by_Aut
omated_count
255 healthcare_coverage>=2*Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma*lifetime_care_plan_length
256 healthcare_coverage>=-healthcare_expenses+procedures_lifetime_cost+1
257 healthcare_coverage>=(procedures_lifetime_cost+1)*Bilirubin_total__Mass_volu
me__in_Serum,Plasma
258 healthcare_coverage>=MCV__Entitic_volume__by_Automated_count*sqrt(procedures
_lifetime_cost)
259 healthcare_coverage>=mean_Urea_Nitrogen^Globulin__Mass_volume__in_Serum_by_c
alculation
260 healthcare_coverage>=Albumin__Mass_volume__in_Serum,Plasma^Hemoglobin_A1c_He
moglobin_total_in_Blood
261
healthcare_coverage>=10^Globulin__Mass_volume__in_Serum_by_calculation*Potassium
262 healthcare_coverage>=e^sqrt(Protein__Mass_volume__in_Serum,Plasma)
263 healthcare_coverage>=lifetime_care_plan_length^2/Globulin__Mass_volume__in_S
erum_by_calculation
264 healthcare_coverage>=encounters_lifetime_payer_coverage*log(Body_Mass_Index)
/log(10)

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```

265 healthcare_coverage>=Bilirubin_total__Mass_volume__in_Serum,Plasma*encounter
s_count^2
266 healthcare_coverage>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^proc
edures_lifetime
267 healthcare_coverage>=(Leukocytes___volume__in_Blood_by_Automated_count-1)^a
ctive_care_plans
268 healthcare_coverage>=encounters_lifetime_perc_covered*e^Leukocytes___volume
__in_Blood_by_Automated_count
269 healthcare_coverage>=log(Platelets___volume__in_Blood_by_Automated_count)^m
ean_Erythrocytes___volume__in_Blood_by_Automated_count
270 healthcare_coverage>=(MCV__Entitic_volume__by_Automated_count+1)^immunizatio
ns_lifetime
271 healthcare_coverage>=Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma^2*Albumin__Mass_volume__in_Serum,Plasma
272 healthcare_coverage>=minimum(medications_lifetime_length,2*encounters_lifeti
me_payer_coverage)
273 healthcare_coverage>=Glomerular_filtration_rate_1_73_sq_M_predicted*procedur
es_lifetime^2
274 healthcare_coverage>=age^2*encounters_lifetime_perc_covered
275 healthcare_coverage>=age^2-medications_lifetime_cost
276 healthcare_coverage>=2*device_lifetime_length*immunizations_lifetime_cost
277
healthcare_coverage>=log(imaging_studies_lifetime)+medications_lifetime_length
278 healthcare_coverage>=10^Globulin__Mass_volume__in_Serum_by_calculation/Bilir
ubin_total__Mass_volume__in_Serum,Plasma
279
healthcare_coverage>=sqrt(device_lifetime_length)*medications_lifetime_dispenses
280 healthcare_coverage>=2*medications_lifetime_length*medications_lifetime_perc
_covered
281 healthcare_coverage>=encounters_lifetime_total_cost*log(device_lifetime_leng
th)/log(10)
282 healthcare_coverage>=(immunizations_lifetime-1)*medications_lifetime_length
283 healthcare_coverage>=(immunizations_lifetime-1)*procedures_lifetime_cost
284 healthcare_coverage>=(medications_lifetime^2)^Bilirubin_total__Mass_volume__
in_Serum,Plasma
285 healthcare_coverage>=encounters_lifetime_payer_coverage*e^medications_lifeti
me_perc_covered
286 healthcare_coverage>=2*medications_lifetime_length/Prostate_specific_Ag__Mas
s_volume__in_Serum,Plasma
287 healthcare_coverage>=Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma^2*procedures_lifetime
288 healthcare_coverage>=10^Pain_severity__0_10_verbal_numeric_rating__Score___
_Reported*encounters_lifetime_perc_covered
289 healthcare_coverage>=(10^QOLS)^Albumin__Mass_volume__in_Serum,Plasma
290 healthcare_coverage>=Heart_rate^2*encounters_lifetime_perc_covered
291
healthcare_coverage>=Diastolic_Blood_Pressure^2*encounters_lifetime_perc_covered
292 healthcare_coverage>=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_S

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erum,Plasma*Body_Mass_Index
293 healthcare_coverage>=Body_Weight^2*medications_lifetime_perc_covered
294 healthcare_coverage>=Low_Density_Lipoprotein_Cholesterol^2*medications_lifet
ime_perc_covered
295 healthcare_coverage>=High_Density_Lipoprotein_Cholesterol^2*imaging_studies_
lifetime
296 healthcare_coverage>=Estimated_Glomerular_Filtration_Rate^2-medications_life
time_dispenses
297 healthcare_coverage>=(-Urea_Nitrogen)^Creatinine
298 healthcare_coverage>=Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma*Urea_Nitrogen^2
299 healthcare_coverage>=e^Calcium*medications_lifetime_perc_covered
300 healthcare_coverage>=10^Albumin__Mass_volume__in_Serum,Plasma/DALY
301 healthcare_coverage>=(Aspartate_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma-1)*lifetime_condition_length
302 healthcare_coverage>=(2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^
mean_Creatinine
303 healthcare_coverage>=(-Microalbumin_Creatinine_Ratio)^mean_Pain_severity___0
_10_verbal_numeric_rating__Score____Reported
304 healthcare_coverage>=(-Total_score__MMSE_)^procedures_lifetime
305 healthcare_coverage>=(2*Total_score__MMSE_)^immunizations_lifetime
306 healthcare_coverage>=(1/DXA__T_score__Bone_density)^medications_active
307 latitude<=-active_conditions-longitude
308 latitude<=maximum(QALY,High_Density_Lipoprotein_Cholesterol+1)
309 latitude<=4*Respiratory_rate
310 latitude<=1/2*Heart_rate+Respiratory_rate
311 latitude<=log(e^Chloride)/log(10)
312 latitude<=(Systolic_Blood_Pressure+1)/imaging_studies_lifetime
313
latitude<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean_Carbon_Dioxide
314 latitude<=Heart_rate-Urea_Nitrogen
315 latitude<=e^Potassium-1
316 latitude<=Body_Mass_Index*log(Chloride)/log(10)
317 latitude<=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+lifetime_care_
plan_length
318 latitude<=-Carbon_Dioxide+Diastolic_Blood_Pressure-1
319 latitude<=log(e^Systolic_Blood_Pressure)/log(10)
320 latitude<=2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma+2
321 latitude<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported+1
322 latitude<=(active_care_plan_length-1)*Systolic_Blood_Pressure
323 latitude<=floor(active_care_plan_length)/Bilirubin_total__Mass_volume__in_Se
rum,Plasma
324 latitude<=10^active_care_plans+QALY
325 latitude<=sqrt(Platelet_distribution_width__Entitic_volume__in_Blood_by_Auto
mated_count)+mean_MCH__Entitic_mass__by_Automated_count
326 latitude<=1/2*encounters_lifetime_total_cost/active_conditions

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327 latitude<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+active_conditions+1
 328
 latitude<=1/2*Estimated_Glomerular_Filtration_Rate+Microalbumin_Creatinine_Ratio
 329 latitude<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count*log(MCV__Entitic_volume__by_Automated_count)
 330 latitude<=medications_lifetime_length/medications_active
 331 latitude<=Low_Density_Lipoprotein_Cholesterol^2/Heart_rate
 332 latitude<=age+procedures_lifetime_cost-1
 333 latitude<=age+log(Potassium)
 334 latitude<=longitude^2/Chloride
 335 latitude<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+floor(QALY)
 336 latitude<=Carbon_Dioxide*log(Sodium)/log(10)
 337 latitude<=Albumin__Mass_volume__in_Serum,Plasma*log(healthcare_expenses)
 338 latitude<=Systolic_Blood_Pressure^2/Microalbumin_Creatinine_Ratio
 339 latitude<=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+QALY-1
 340 latitude<=QALY+ceil(Estimated_Glomerular_Filtration_Rate)
 341 latitude<=2*Estimated_Glomerular_Filtration_Rate*mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 342 latitude<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count+Potassium-1
 343 latitude<=2*Chloride/Albumin__Mass_volume__in_Serum,Plasma
 344 latitude<=2*Body_Height/active_care_plans
 345 latitude<=log(Sodium)*mean_Calcium
 346 latitude<=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+2*active_condition_length
 347 latitude<=1/2*Microalbumin_Creatinine_Ratio+immunizations_lifetime_cost
 348 latitude<=Respiratory_rate+age+1
 349 latitude<=Protein__Mass_volume__in_Serum,Plasma-Urea_Nitrogen-1
 350
 latitude<=(1/2*Respiratory_rate)^Globulin__Mass_volume__in_Serum_by_calculation
 351 latitude<=Bilirubin_total__Mass_volume__in_Serum,Plasma*medications_lifetime_dispenses
 352 latitude<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+log(encounters_lifetime_total_cost)
 353 latitude<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+floor(MCHC__Mass_volume__by_Automated_count)
 354 latitude<=1/2*encounters_lifetime_total_cost/encounters_count
 355 latitude<=(Leukocytes___volume__in_Blood_by_Automated_count+1)*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 356 latitude<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count+procedures_lifetime_cost-1
 357 latitude<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+Urea_Nitrogen-1
 358 latitude<=Protein__Mass_volume__in_Serum,Plasma^2/Diastolic_Blood_Pressure
 359 latitude<=Body_Weight^2/Diastolic_Blood_Pressure
 360 latitude<=Estimated_Glomerular_Filtration_Rate+active_care_plan_length-1
 361 latitude<=minimum(Heart_rate,Left_ventricular_Ejection_fraction-1)

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362 latitude<=sqrt(Glucose)+MCHC_Mass_volume__by_Automated_count
363 latitude<=10^active_care_plans/num_allergies
364 latitude<=Low_Density_Lipoprotein_Cholesterol*mean_Creatinine
365 latitude<=10^DALY*active_care_plan_length
366
latitude<=-MCH__Entitic_mass__by_Automated_count+mean_Diastolic_Blood_Pressure
367 latitude<=(Potassium+1)*mean_Calcium
368 latitude<=active_care_plan_length+ceil(Carbon_Dioxide)
369 latitude<=-Albumin_Mass_volume__in_Serum,Plasma+2*active_care_plan_length
370 latitude<=(lifetime_care_plan_length^2)^Creatinine
371 latitude<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
+active_condition_length+1
372 latitude<=-Prostate_specific_Ag_Mass_volume__in_Serum,Plasma+lifetime_condi
tion_length-1
373 latitude<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+lifetime_condition_
length
374 latitude<=maximum(active_condition_length,1/device_lifetime_length)
375 latitude<=1/2*Body_Weight+medications_lifetime_cost
376 latitude<=Calcium+1/2*Diastolic_Blood_Pressure
377 latitude<=Heart_rate^2/age
378 latitude<=(QALY+1)/medications_lifetime_perc_covered
379 latitude<=Systolic_Blood_Pressure-active_care_plan_length+1
380 latitude<=1/2*Body_Weight+Respiratory_rate
381 latitude<=High_Density_Lipoprotein_Cholesterol+2*Pain_severity___0_10_verbal
_numeric_rating__Score___Reported
382 latitude<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)^mean_Urea_Nitrogen
383 latitude<=1/2*Triglycerides-active_conditions
384 latitude<=Carbon_Dioxide*log(Triglycerides)/log(10)
385 latitude<=minimum(healthcare_expenses,Left_ventricular_Ejection_fraction+1)
386 latitude<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_Calcium
387 latitude<=Calcium+mean_High_Density_Lipoprotein_Cholesterol+1
388 latitude<=maximum(QALY,2*Carbon_Dioxide)
389 latitude<=Protein_Mass_volume__in_Serum,Plasma*log(Globulin_Mass_volume__i
n_Serum_by_calculation)
390 latitude<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+e^Albumin_Mass_volume__i
n_Serum,Plasma
391 latitude<=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,
Plasma+immunizations_lifetime_cost
392 latitude>=floor(1/2*age)
393 latitude>=-1/2*longitude
394 latitude>=log(healthcare_expenses)^2/log(10)^2
395 latitude>=1/2*floor(age)
396 latitude>=(num_allergies+1)*lifetime_care_plans
397 latitude>=Chloride+longitude+1
398
latitude>=(Glomerular_filtration_rate_1_73_sq_M_predicted-1)/active_care_plans
399 latitude>=1/2*High_Density_Lipoprotein_Cholesterol+1
400 latitude>=(Platelets___volume__in_Blood_by_Automated_count+1)/mean_Platelet

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_mean_volume__Entitic_volume__in_Blood_by_Automated_count
401 latitude>=Carbon_Dioxide+log(medications_lifetime_cost)
402 latitude>=sqrt(age)+MCH__Entitic_mass__by_Automated_count
403 latitude>=floor(Creatinine)^Globulin__Mass_volume__in_Serum_by_calculation
404 latitude>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted-mean_Creatinine
405 latitude>=sqrt(healthcare_expenses)/High_Density_Lipoprotein_Cholesterol
406 latitude>=e^Creatinine/active_care_plan_length
407 latitude>=-MCHC__Mass_volume__by_Automated_count+floor(QALY)
408 latitude>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma+1/2*device_lifetime_length
409 latitude>=4*Calcium
410 latitude>=-mean_Potassium+1/2*procedures_lifetime
411 latitude>=DALY+floor(Leukocytes___volume__in_Blood_by_Automated_count)
412 latitude>=Glomerular_filtration_rate_1_73_sq_M_predicted-
lifetime_care_plan_length+1
413 latitude>=log(healthcare_coverage)/(Bilirubin_total__Mass_volume__in_Serum,P
lasma*log(10))
414 latitude>=1/2*Estimated_Glomerular_Filtration_Rate-Potassium
415 latitude>=encounters_lifetime_perc_covered*floor(active_condition_length)
416 latitude>=(active_care_plans-1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
417 latitude>=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1)*Hemoglobin_
A1c_Hemoglobin_total_in_Blood
418 latitude>=(immunizations_lifetime+1)*lifetime_conditions
419 latitude>=Body_Mass_Index*log(immunizations_lifetime)
420 latitude>=Systolic_Blood_Pressure-mean_Sodium+1
421 latitude>=Respiratory_rate*e^medications_lifetime_perc_covered
422 latitude>=1/2*age/active_care_plans
423 latitude>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+MCHC__Mass_volume__by_Aut
omated_count
424 latitude>=DALY-device_lifetime_length+1
425 latitude>=ceil(Hemoglobin__Mass_volume__in_Blood)/DALY
426 latitude>=1/2*age-immunizations_lifetime
427 latitude>=1/2*Heart_rate-Urea_Nitrogen
428 latitude>=Estimated_Glomerular_Filtration_Rate^2/Total_Cholesterol
429 latitude>=1/2*age-medications_active
430 latitude>=Globulin__Mass_volume__in_Serum_by_calculation+1/2*Protein__Mass_v
olume__in_Serum,Plasma
431 latitude>=Body_Mass_Index*log(Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported)
432 latitude>=log(lifetime_condition_length)*mean_Respiratory_rate/log(10)
433
latitude>=-Pain_severity___0_10_verbal_numeric_rating__Score___Reported+1/2*age
434
latitude>=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^lifetime_care_plans
435 latitude>=-Erythrocyte_distribution_width__Entitic_volume__by_Automated_coun
t+age-1
436 latitude>=1/2*Chloride*encounters_lifetime_perc_covered
437 latitude>=log(Albumin__Mass_volume__in_Serum,Plasma)*mean_Carbon_Dioxide

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438 latitude>=1/2*MCV__Entitic_volume__by_Automated_count-Potassium
439 latitude>=log(lifetime_conditions)*mean_Respiratory_rate
440 latitude>=device_lifetime_length*log(Potassium)/log(10)
441 latitude>=e^Potassium/Erythrocytes___volume__in_Blood_by_Automated_count
442 latitude>=device_lifetime_length*sqrt(medications_lifetime_perc_covered)
443 latitude>=Leukocytes___volume__in_Blood_by_Automated_count^2-Glucose
444 latitude>=Hemoglobin__Mass_volume__in_Blood+floor(Carbon_Dioxide)
445
latitude>=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count-
Potassium+1
446 latitude>=log(active_conditions)*mean_Respiratory_rate
447 latitude>=sqrt(lifetime_conditions)+mean_Body_Mass_Index
448 latitude>=e^medications_active/mean_Microalbumin_Creatinine_Ratio
449 latitude>=minimum(active_care_plan_length,10^imaging_studies_lifetime)
450 latitude>=sqrt(Body_Height)+Carbon_Dioxide
451 latitude>=10^Bilirubin_total__Mass_volume__in_Serum,Plasma+Aspartate_aminotr
ansferase__Enzymatic_activity_volume__in_Serum,Plasma
452
latitude>=sqrt(medications_lifetime)+Hemoglobin_A1c_Hemoglobin_total_in_Blood
453 latitude>=2*Body_Mass_Index/active_care_plan_length
454
latitude>=Carbon_Dioxide*log(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
455 latitude>=medications_active^2/active_care_plans
456 latitude>=Respiratory_rate*e^QOLS
457 latitude>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1/2*QALY
458 latitude>=1/2*Heart_rate-healthcare_coverage
459 latitude>=sqrt(NT_proBNP)^imaging_studies_lifetime
460 latitude>=1/2*Heart_rate-mean_Calcium
461 latitude>=lifetime_care_plans*log(Heart_rate)
462 latitude>=2*Urea_Nitrogen+immunizations_lifetime
463 latitude>=(Systolic_Blood_Pressure+1)/Albumin__Mass_volume__in_Serum,Plasma
464 latitude>=Urea_Nitrogen*log(Systolic_Blood_Pressure)/log(10)
465 latitude>=Carbon_Dioxide*log(Body_Mass_Index)/log(10)
466 latitude>=sqrt(Triglycerides)+Carbon_Dioxide
467 latitude>=2*Triglycerides/mean_Urea_Nitrogen
468 latitude>=2*High_Density_Lipoprotein_Cholesterol/Albumin__Mass_volume__in_Se
rum,Plasma
469 latitude>=sqrt(High_Density_Lipoprotein_Cholesterol)*mean_Potassium
470 latitude>=Respiratory_rate+floor(Carbon_Dioxide)
471 longitude<=-latitude-lifetime_care_plans
472 longitude<=-Chloride+latitude-1
473 longitude<=Respiratory_rate-age
474 longitude<=-mean_High_Density_Lipoprotein_Cholesterol+2*medications_active
475 longitude<=-Respiratory_rate-latitude
476 longitude<=-Chloride+age-1
477 longitude<=-active_care_plan_length+log(Diastolic_Blood_Pressure)
478 longitude<=-active_condition_length+immunizations_lifetime_cost-1
479 longitude<=lifetime_care_plans^2-mean_Estimated_Glomerular_Filtration_Rate

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480 longitude<=sqrt(encounters_lifetime_total_cost)-Glucose
481 longitude<=active_condition_length-age-1
482 longitude<=-Heart_rate+active_condition_length-1
483 longitude<=encounters_count^2-Diastolic_Blood_Pressure
484 longitude<=Erythrocytes___volume__in_Blood_by_Automated_count-QALY+1
485 longitude<=Diastolic_Blood_Pressure-Sodium
486 longitude<=-age+encounters_lifetime_payer_coverage-1
487 longitude<=-active_care_plan_length+immunizations_lifetime_cost-1
488 longitude<=-age+medications_lifetime_cost
489 longitude<=-Low_Density_Lipoprotein_Cholesterol+2*latitude
490 longitude<=Diastolic_Blood_Pressure-Systolic_Blood_Pressure-1
491 longitude<=Diastolic_Blood_Pressure-mean_Sodium-1
492 longitude<=Hemoglobin_A1c_Hemoglobin_total_in_Blood-
active_condition_length+1
493 longitude<=DALY-procedures_lifetime-1
494 longitude<=-Protein__Mass_volume__in_Serum,Plasma+log(medications_lifetime_l
ength)
495 longitude<=Total_Cholesterol*log(DALY)/log(10)
496 longitude<=-High_Density_Lipoprotein_Cholesterol+e^medications_active
497 longitude<=Body_Mass_Index-Heart_rate-1
498 longitude<=-QALY+log(healthcare_expenses)
499 longitude<=-MCHC__Mass_volume__by_Automated_count-procedures_lifetime
500 longitude<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood*Platelet_mean_volume__E
ntitic_volume__in_Blood_by_Automated_count
501 longitude<=1/2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma-High_Density_Lipoprotein_Cholesterol
502 longitude<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood*medications_active
503 longitude<=-active_condition_length+log(Glomerular_filtration_rate_1_73_sq_M
_predicted)
504 longitude<=(medications_active-1)*mean_High_Density_Lipoprotein_Cholesterol
505 longitude<=10^QOLS-active_condition_length
506 longitude<=1/imaging_studies_lifetime-High_Density_Lipoprotein_Cholesterol
507 longitude<=-Body_Weight+latitude+1
508
longitude<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count*log(QOLS)
509 longitude<=Hemoglobin__Mass_volume__in_Blood-age-1
510 longitude<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-
mean_Chloride
511 longitude<=1/2*Triglycerides-mean_Low_Density_Lipoprotein_Cholesterol
512 longitude<=-lifetime_care_plans*medications_active
513 longitude<=-encounters_count/Microalbumin_Creatinine_Ratio
514 longitude<=1/2*Body_Mass_Index-age
515 longitude<=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum
,Plasma-mean_Heart_rate
516 longitude<=2*lifetime_care_plans-mean_High_Density_Lipoprotein_Cholesterol
517 longitude<=-active_conditions-latitude
518 longitude<=-latitude-lifetime_conditions
519 longitude<=-age/active_conditions

```

```

520 longitude<=1/num_allergies-mean_High_Density_Lipoprotein_Cholesterol
521 longitude<=-Glucose+2*QALY
522 longitude<=-QALY+active_care_plan_length+1
523 longitude<=-lifetime_care_plan_length/mean_Potassium
524 longitude<=-Albumin__Mass_volume__in_Serum,Plasma*active_conditions
525 longitude<=-QALY+2*active_conditions
526 longitude<=-High_Density_Lipoprotein_Cholesterol+lifetime_conditions+1
527 longitude<=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
+2*active_condition_length
528 longitude<=-device_lifetime_length/Creatinine
529
longitude<=2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-
mean_Heart_rate
530 longitude<=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
+1/2*Sodium
531 longitude<=-Sodium/Globulin__Mass_volume__in_Serum_by_calculation
532 longitude<=10^immunizations_lifetime-
mean_High_Density_Lipoprotein_Cholesterol
533 longitude<=2*Respiratory_rate-mean_Heart_rate
534 longitude<=Hemoglobin_A1c_Hemoglobin_total_in_Blood-QALY+1
535 longitude<=sqrt(Glucose)-High_Density_Lipoprotein_Cholesterol
536 longitude<=Carbon_Dioxide-MCV__Entitic_volume__by_Automated_count-1
537 longitude<=-Low_Density_Lipoprotein_Cholesterol+1/2*Total_Cholesterol
538 longitude<=-Protein__Mass_volume__in_Serum,Plasma+Urea_Nitrogen-1
539 longitude<=Calcium^2-mean_Sodium
540 longitude<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,P
lasma-Protein__Mass_volume__in_Serum,Plasma-1
541 longitude<=log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma)/log(10)-mean_High_Density_Lipoprotein_Cholesterol
542 longitude<=-QALY+e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
543 longitude<=log(Hemoglobin__Mass_volume__in_Blood)/log(10)-active_condition_l
ength
544 longitude<=1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Auto
mated_count-mean_Glucose
545 longitude>=-2*latitude
546 longitude>=DALY-Systolic_Blood_Pressure+1
547 longitude>=-Body_Height+ceil(age)
548 longitude>=Carbon_Dioxide-Chloride+1
549 longitude>=Carbon_Dioxide-mean_Chloride+1
550 longitude>=Erythrocytes___volume__in_Blood_by_Automated_count-
mean_Diastolic_Blood_Pressure
551 longitude>=-Body_Height+Glomerular_filtration_rate_1_73_sq_M_predicted+1
552 longitude>=-Diastolic_Blood_Pressure+encounters_lifetime_perc_covered-1
553 longitude>=sqrt(Glomerular_filtration_rate_1_73_sq_M_predicted)-mean_Low_Den
sity_Lipoprotein_Cholesterol
554 longitude>=Heart_rate-Total_Cholesterol
555 longitude>=-immunizations_lifetime_cost-mean_Heart_rate
556 longitude>=-MCV__Entitic_volume__by_Automated_count+active_conditions

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```

557 longitude>=log(Estimated_Glomerular_Filtration_Rate)/log(10)-mean_Low_Densit
y_Lipoprotein_Cholesterol
558 longitude>=-MCV__Entitic_volume__by_Automated_count+Platelet_mean_volume__En
titic_volume__in_Blood_by_Automated_count
559 longitude>=Diastolic_Blood_Pressure-Total_Cholesterol
560 longitude>=-Globulin__Mass_volume__in_Serum_by_calculation-Heart_rate
561 longitude>=ceil(MCH__Entitic_mass__by_Automated_count)-mean_Chloride
562 longitude>=-Systolic_Blood_Pressure+1/2*active_care_plan_length
563 longitude>=-1/2*Body_Height
564 longitude>=-Chloride+e^Globulin__Mass_volume__in_Serum_by_calculation
565 longitude>=-Calcium^2
566 longitude>=log(medications_lifetime_perc_covered)/log(10)-Diastolic_Blood_Pr
essure
567 longitude>=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_coun
t*Urea_Nitrogen
568 longitude>=1/Estimated_Glomerular_Filtration_Rate-
mean_Diastolic_Blood_Pressure
569 longitude>=1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-
mean_Diastolic_Blood_Pressure
570 longitude>=-Protein__Mass_volume__in_Serum,Plasma*medications_active
571 longitude>=-healthcare_expenses/immunizations_lifetime_cost
572 longitude>=-age-mean_Estimated_Glomerular_Filtration_Rate
573 longitude>=sqrt(medications_lifetime_dispenses)-Sodium
574 longitude>=-High_Density_Lipoprotein_Cholesterol-latitude
575 longitude>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma*Hemoglobin_A1c_Hemoglobin_total_in_Blood
576 longitude>=2*Urea_Nitrogen-mean_Systolic_Blood_Pressure
577 longitude>=-Diastolic_Blood_Pressure+num_allergies-1
578 longitude>=-Body_Weight+log(num_allergies)
579 longitude>=-Diastolic_Blood_Pressure*active_care_plans
580 longitude>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
*active_care_plans
581 longitude>=active_care_plans^2-Sodium
582 longitude>=-active_care_plan_length*mean_Microalbumin_Creatinine_Ratio
583 longitude>=log(Erythrocytes____volume__in_Blood_by_Automated_count)/log(10)-
lifetime_care_plan_length
584 longitude>=-Low_Density_Lipoprotein_Cholesterol-active_conditions
585 longitude>=-Glucose-lifetime_conditions
586 longitude>=sqrt(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma)-mean_Low_Density_Lipoprotein_Cholesterol
587 longitude>=sqrt(encounters_count)-MCV__Entitic_volume__by_Automated_count
588 longitude>=-Diastolic_Blood_Pressure-procedures_lifetime
589 longitude>=1/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-
Diastolic_Blood_Pressure
590 longitude>=-Systolic_Blood_Pressure+e^immunizations_lifetime
591 longitude>=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)-mean_Dia
stolic_Blood_Pressure
592 longitude>=-Body_Weight-DALY

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```

593 longitude>=-Body_Height+2*DALY
594 longitude>=-Heart_rate-Respiratory_rate
595 longitude>=-Heart_rate-
Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
596 longitude>=-Body_Height+1/2*Systolic_Blood_Pressure
597 longitude>=log(Hemoglobin__Mass_volume__in_Blood)/log(10)-Diastolic_Blood_Pr
essure
598 longitude>=-Erythrocytes____volume__in_Blood_by_Automated_count-mean_Glucose
599 longitude>=Body_Mass_Index-mean_Triglycerides+1
600 longitude>=-Body_Weight-Microalbumin_Creatinine_Ratio
601 longitude>=log(MCV__Entitic_volume__by_Automated_count)-mean_Diastolic_Blood
_Pressure
602 longitude>=-Low_Density_Lipoprotein_Cholesterol-mean_Calcium
603 longitude>=-Glucose-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
604 longitude>=-Glucose/QOLS
605 longitude>=Calcium-MCV__Entitic_volume__by_Automated_count+1
606 longitude>=Globulin__Mass_volume__in_Serum_by_calculation^2-mean_Low_Density
_Lipoprotein_Cholesterol
607 longitude>=-Bilirubin_total__Mass_volume__in_Serum,Plasma-
mean_Diastolic_Blood_Pressure
608 longitude>=-Diastolic_Blood_Pressure+log(Bilirubin_total__Mass_volume__in_Se
rum,Plasma)
609
longitude>=log(Bilirubin_total__Mass_volume__in_Serum,Plasma)-mean_Heart_rate
610 age<=sqrt(Potassium)*latitude
611 age<=Respiratory_rate-longitude
612 age<=e^lifetime_care_plans+healthcare_coverage
613 age<=10^active_conditions+Hematocrit__Volume_Fraction__of_Blood_by_Automated
_count
614 age<=Calcium^2+mean_Urea_Nitrogen
615 age<=maximum(Diastolic_Blood_Pressure,Prostate_specific_Ag__Mass_volume__in_
Serum,Plasma)
616 age<=10^medications_lifetime_perc_covered*mean_Protein__Mass_volume__in_Seru
m,Plasma
617 age<=Diastolic_Blood_Pressure+1/2*active_care_plan_length
618 age<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+e^
Potassium
619 age<=Hemoglobin__Mass_volume__in_Blood-longitude-1
620 age<=10^encounters_count/Urea_Nitrogen
621 age<=MCV__Entitic_volume__by_Automated_count^2/mean_Heart_rate
622 age<=log(healthcare_expenses)*mean_Microalbumin_Creatinine_Ratio
623 age<=1/2*healthcare_expenses/Body_Height
624 age<=lifetime_care_plans^2+Diastolic_Blood_Pressure
625
age<=Diastolic_Blood_Pressure*e^Bilirubin_total__Mass_volume__in_Serum,Plasma
626 age<=2*latitude+procedures_lifetime
627 age<=Body_Mass_Index*sqrt(Respiratory_rate)
628 age<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+mean_

```



```

Heart_rate
629 age<=1/2*Prostate_specific_Ag_Mass_volume__in_Serum,Plasma*medications_life
time_dispendes
630 age<=10^active_care_plans+QALY
631 age<=maximum(medications_lifetime,Estimated_Glomerular_Filtration_Rate-1)
632 age<=Total_Cholesterol-mean_Heart_rate-1
633 age<=QALY+active_condition_length+1
634 age<=1/2*Total_Cholesterol+imaging_studies_lifetime
635 age<=log(medications_lifetime_length)^Globulin_Mass_volume__in_Serum_by_cal
culation
636 age<=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automa
ted_count,floor(lifetime_care_plan_length))
637 age<=High_Density_Lipoprotein_Cholesterol+QALY-1
638 age<=Potassium^2+Low_Density_Lipoprotein_Cholesterol
639 age<=(DALY-1)*mean_Microalbumin_Creatinine_Ratio
640 age<=Chloride-active_conditions-1
641 age<=4*Carbon_Dioxide
642 age<=-Chloride+ceil(Platelet_distribution_width__Entitic_volume__in_Blood_by
_Automated_count)
643 age<=maximum(mean_Diastolic_Blood_Pressure,Estimated_Glomerular_Filtration_R
ate^2)
644 age<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*
medications_lifetime
645 age<=10^medications_active+Diastolic_Blood_Pressure
646 age<=2*Total_Cholesterol/num_allergies
647 age<=10^QOLS*MCHC_Mass_volume__by_Automated_count
648 age<=(Total_Cholesterol-1)*Creatinine
649 age<=1/2*immunizations_lifetime_cost+mean_Microalbumin_Creatinine_Ratio
650 age<=Calcium+mean_Low_Density_Lipoprotein_Cholesterol+1
651 age<=QALY*log(MCV__Entitic_volume__by_Automated_count)/log(10)
652 age<=maximum(Glucose,Estimated_Glomerular_Filtration_Rate)
653 age<=1/2*Body_Height-Prostate_specific_Ag_Mass_volume__in_Serum,Plasma
654 age<=sqrt(encounters_count)+mean_Low_Density_Lipoprotein_Cholesterol
655 age<=log(QALY)^encounters_count
656 age<=maximum(lifetime_care_plan_length,2*latitude)
657 age<=Urea_Nitrogen^2+immunizations_lifetime_cost
658
age<=MCV__Entitic_volume__by_Automated_count+encounters_lifetime_perc_covered-1
659
age<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count-
mean_Chloride+1
660 age<=10^Creatinine+Estimated_Glomerular_Filtration_Rate
661
age<=ceil(active_condition_length)*mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
662 age<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+
lifetime_condition_length+1
663 age<=Calcium^2+active_conditions
664 age<=immunizations_lifetime+2*latitude

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665 age<=maximum(Diastolic_Blood_Pressure,2*latitude)
666 age<=Calcium^2+immunizations_lifetime_cost
667 age<=(-longitude)^active_conditions
668 age<=maximum(lifetime_care_plan_length,1/num_allergies)
669 age<=Diastolic_Blood_Pressure+ceil(Leukocytes___volume__in_Blood_by_Automat
ed_count)
670 age<=Heart_rate+1/2*active_care_plan_length
671 age<=1/2*encounters_count+mean_Estimated_Glomerular_Filtration_Rate
672 age<=e^active_care_plans+mean_Low_Density_Lipoprotein_Cholesterol
673 age<=2*active_condition_length+lifetime_care_plan_length
674 age<=2*active_condition_length/medications_lifetime_perc_covered
675 age<=DALY^2+Diastolic_Blood_Pressure
676 age<=2*active_conditions+mean_Low_Density_Lipoprotein_Cholesterol
677 age<=Heart_rate*e^encounters_lifetime_perc_covered
678 age<=Carbon_Dioxide*log(active_condition_length)
679 age<=sqrt(lifetime_condition_length)+Glucose
680 age<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2*encounters_count
681 age<=(QALY+1)*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
682 age<=immunizations_lifetime_cost+mean_Microalbumin_Creatinine_Ratio-1
683 age<=Low_Density_Lipoprotein_Cholesterol+1/2*medications_lifetime
684 age<=sqrt(Triglycerides)+Diastolic_Blood_Pressure
685 age<=-Carbon_Dioxide+Systolic_Blood_Pressure+1
686 age<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count*e^Cr
eatinine
687 age<=2*Estimated_Glomerular_Filtration_Rate+mean_High_Density_Lipoprotein_Ch
olesterol
688 age<=Body_Height^2/lifetime_care_plan_length
689 age<=Sodium-device_lifetime_length-1
690 age<=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+S
odium-1
691 age<=Urea_Nitrogen^2+Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
692 age<=Glucose+e^Globulin__Mass_volume__in_Serum_by_calculation
693
age<=1/2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
longitude
694 age<=Body_Weight+log(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
695 age>=ceil(QALY)+num_allergies
696 age>=DALY+QALY
697 age>=log(Body_Mass_Index)/log(10)+QALY
698 age>=-Diastolic_Blood_Pressure+mean_Systolic_Blood_Pressure
699 age>=Hemoglobin__Mass_volume__in_Blood*log(MCHC__Mass_volume__by_Automated_c
ount)
700 age>=device_lifetime_length*log(Alkaline_phosphatase__Enzymatic_activity_vol
ume__in_Serum,Plasma)
701 age>=1/2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-
mean_Potassium
702 age>=1/2*Chloride-healthcare_coverage
703 age>=1/2*Chloride*medications_lifetime_perc_covered

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704 age>=-mean_Urea_Nitrogen+procedures_lifetime
705 age>=1/2*Bilirubin_total__Mass_volume__in_Serum,Plasma*mean_Glucose
706 age>=log(Urea_Nitrogen)^Pain_severity___0_10_verbal_numeric_rating__Score___
_Reported
707 age>=DALY+ceil(QALY)
708 age>=Globulin__Mass_volume__in_Serum_by_calculation^mean_Globulin__Mass_volu
me__in_Serum_by_calculation
709 age>=sqrt(Erythrocytes____volume__in_Blood_by_Automated_count)+QALY
710 age>=active_condition_length+ceil(Leukocytes____volume__in_Blood_by_Automate
d_count)
711 age>=QALY+ceil(DALY)
712 age>=(active_care_plans+1)^2
713 age>=lifetime_care_plans^2-DALY
714 age>=(Diastolic_Blood_Pressure-1)/Prostate_specific_Ag__Mass_volume__in_Seru
m,Plasma
715 age>=1/2*Heart_rate+Leukocytes____volume__in_Blood_by_Automated_count
716 age>=sqrt(active_care_plans)+Body_Mass_Index
717 age>=2*DALY-active_conditions
718 age>=1/2*lifetime_condition_length/Erythrocytes____volume__in_Blood_by_Autom
ated_count
719
age>=-Globulin__Mass_volume__in_Serum_by_calculation+1/2*Systolic_Blood_Pressure
720 age>=ceil(active_condition_length)+medications_lifetime_perc_covered
721 age>=(latitude+1)/mean_Creatinine
722 age>=active_condition_length+num_allergies-1
723 age>=encounters_lifetime_perc_covered*floor(High_Density_Lipoprotein_Cholest
erol)
724 age>=sqrt(active_care_plans)+QALY
725 age>=minimum(Protein__Mass_volume__in_Serum,Plasma,e^lifetime_care_plans)
726 age>=(1/2*Globulin__Mass_volume__in_Serum_by_calculation)^medications_active
727 age>=encounters_lifetime_perc_covered+floor(active_care_plan_length)
728 age>=Creatinine^2+device_lifetime_length
729 age>=1/active_condition_length+active_care_plan_length
730 age>=ceil(active_care_plan_length)-encounters_lifetime_perc_covered
731 age>=minimum(Protein__Mass_volume__in_Serum,Plasma,floor(lifetime_care_plan_
length))
732 age>=log(encounters_lifetime_total_cost)/Bilirubin_total__Mass_volume__in_Se
rum,Plasma
733 age>=sqrt(device_lifetime_length)+active_condition_length
734 age>=device_lifetime_length*log(Erythrocytes____volume__in_Blood_by_Automate
d_count)
735 age>=2*encounters_count/Estimated_Glomerular_Filtration_Rate
736 age>=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+QALY
737 age>=Albumin__Mass_volume__in_Serum,Plasma^2*Pain_severity___0_10_verbal_num
eric_rating__Score____Reported
738 age>=QALY+1/2*medications_active
739 age>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^
2/Carbon_Dioxide

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```

740 age>=Bilirubin_total__Mass_volume__in_Serum,Plasma^2*active_care_plan_length
741 age>=QOLS+ceil(QALY)
742 age>=floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
)*lifetime_care_plans
743 age>=sqrt(MCV__Entitic_volume__by_Automated_count)*medications_active
744 age>=ceil(MCHC__Mass_volume__by_Automated_count)*immunizations_lifetime
745 num_allergies<=lifetime_care_plans
746 num_allergies<=healthcare_coverage
747 num_allergies<=active_conditions
748 num_allergies<=floor(active_condition_length)
749 num_allergies<=encounters_lifetime_payer_coverage
750 num_allergies<=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
751 num_allergies<=Creatinine^healthcare_expenses
752 num_allergies<=imaging_studies_lifetime^Prostate_specific_Ag__Mass_volume__i
n_Serum,Plasma
753 num_allergies<=log(Creatinine)^medications_lifetime_cost
754 num_allergies<=medications_active/medications_lifetime_perc_covered
755 num_allergies<=active_care_plans+1
756 num_allergies<=-active_care_plan_length+lifetime_care_plan_length
757 num_allergies<=-active_care_plans+encounters_count-1
758 num_allergies<=device_lifetime_length/imaging_studies_lifetime
759 num_allergies<=active_care_plan_length^2/procedures_lifetime_cost
760 num_allergies<=ceil(DALY)
761
num_allergies<=10^Pain_severity__0_10_verbal_numeric_rating__Score____Reported
762 num_allergies<=device_lifetime_length^Glomerular_filtration_rate_1_73_sq_M_p
redicted
763 num_allergies<=device_lifetime_length^Prostate_specific_Ag__Mass_volume__in_
Serum,Plasma
764 num_allergies<=log(medications_active)^Platelet_distribution_width__Entitic_
volume__in_Blood_by_Automated_count
765 num_allergies<=Diastolic_Blood_Pressure+ceil(longitude)
766 num_allergies<=2*QOLS+immunizations_lifetime_cost
767 num_allergies<=procedures_lifetime_cost/immunizations_lifetime
768 num_allergies<=active_condition_length/device_lifetime_length
769
num_allergies<=Microalbumin_Creatinine_Ratio*medications_lifetime_perc_covered
770 num_allergies<=(lifetime_care_plans-1)/procedures_lifetime
771 num_allergies<=e^encounters_lifetime_payer_coverage*immunizations_lifetime
772 num_allergies<=(1/2*Creatinine)^medications_lifetime_cost
773 num_allergies<=imaging_studies_lifetime^Total_score__MMSE_
774 num_allergies<=imaging_studies_lifetime^FEV1_FVC
775 num_allergies<=immunizations_lifetime_cost/device_lifetime_length
776 num_allergies<=immunizations_lifetime_cost/procedures_lifetime
777 num_allergies<=(log(DALY)/log(10))^Microalbumin_Creatinine_Ratio
778 num_allergies<=log(Pain_severity__0_10_verbal_numeric_rating__Score____Repo
rted)^Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
779 num_allergies<=(procedures_lifetime_cost-1)^QALY

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```

780 num_allergies<=High_Density_Lipoprotein_Cholesterol^2/procedures_lifetime_cost
781 num_allergies<=maximum(Triglycerides,1/device_lifetime_length)
782 num_allergies>=floor(encounters_lifetime_perc_covered)
783 num_allergies>=-healthcare_coverage
784 num_allergies>=-device_lifetime_length
785 num_allergies>=active_care_plans-lifetime_conditions
786 num_allergies>=(-procedures_lifetime)^mean_Low_Density_Lipoprotein_Cholesterol
787 num_allergies>=sqrt(lifetime_care_plan_length)-Hemoglobin_Mass_volume_in_Blood
788 num_allergies>=active_care_plan_length-age+1
789 num_allergies>=-active_condition_length+device_lifetime_length+1
790 num_allergies>=floor(QOLS)-procedures_lifetime
791 active_care_plans<=lifetime_care_plans
792 active_care_plans<=active_conditions+1
793 active_care_plans<=lifetime_conditions+num_allergies
794 active_care_plans<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^2
795 active_care_plans<=floor(log(Platelet_distribution_width_Entitic_volume_in
_Blood_by_Automated_count))
796 active_care_plans<=floor(latitude)-mean_Body_Mass_Index
797 active_care_plans<=ceil(10^DALY)
798 active_care_plans<=(lifetime_care_plan_length-1)/mean_Urea_Nitrogen
799 active_care_plans<=encounters_lifetime_payer_coverage+medications_lifetime
800 active_care_plans<=immunizations_lifetime+medications_lifetime+1
801 active_care_plans<=-Respiratory_rate+floor(Carbon_Dioxide)
802 active_care_plans<=Globulin_Mass_volume_in_Serum_by_calculation+Hemoglobin
_A1c_Hemoglobin_total_in_Blood
803 active_care_plans<=-Creatinine+Urea_Nitrogen
804 active_care_plans<=ceil(sqrt(High_Density_Lipoprotein_Cholesterol))
805 active_care_plans<=ceil(1/2*Microalbumin_Creatinine_Ratio)
806 active_care_plans<=maximum(Triglycerides,ceil(Globulin_Mass_volume_in_Seru
m_by_calculation))
807 active_care_plans<=ceil(Prostate_specific_Ag_Mass_volume_in_Serum,Plasma)+
medications_active
808 active_care_plans<=-DALY+Hematocrit_Volume_Fraction_of_Blood_by_Automated_
count
809 active_care_plans<=DALY+log(active_care_plan_length)
810 active_care_plans<=Body_Mass_Index^2/Alkaline_phosphatase_Enzymatic_activit
y_volume_in_Serum,Plasma
811 active_care_plans<=(log(active_care_plan_length)/log(10))^Potassium
812 active_care_plans<=2*Bilirubin_total_Mass_volume_in_Serum,Plasma*medicatio
ns_lifetime
813 active_care_plans<=Carbon_Dioxide^2/Alkaline_phosphatase_Enzymatic_activity
_volume_in_Serum,Plasma
814 active_care_plans>=1/2*lifetime_care_plans
815 active_care_plans>=imaging_studies_lifetime+1
816 active_care_plans>=(1/lifetime_care_plans)

```

```

817 active_care_plans>=QOLS
818 active_care_plans>=minimum(lifetime_care_plans,log(medications_lifetime)/log
(10))
819 active_care_plans>=2*lifetime_care_plan_length/Chloride
820 active_care_plans>=-immunizations_lifetime+num_allergies
821 active_care_plans>=num_allergies-1
822 active_care_plans>=1/2*lifetime_care_plan_length/Alanine_aminotransferase__E
nzymatic_activity_volume__in_Serum,Plasma
823 active_care_plans>=(1/Creatinine)
824 active_care_plans>=floor(sqrt(Leukocytes___volume__in_Blood_by_Automated_co
unt))
825 active_care_plans>=floor(log(active_conditions))
826 active_care_plans>=floor(1/2*Pain_severity__0_10_verbal_numeric_rating__Sco
re____Reported)
827 active_care_plans>=floor(e^Bilirubin_total__Mass_volume__in_Serum,Plasma)
828
active_care_plans>=Calcium/Erythrocytes___volume__in_Blood_by_Automated_count
829 active_care_plans>=ceil(log(device_lifetime_length)/log(10))
830 active_care_plans>=-immunizations_lifetime_cost+mean_Pain_severity__0_10_ve
rbal_numeric_rating__Score____Reported
831 active_care_plans>=Creatinine-DALY
832 active_care_plans>=medications_active^2/Hemoglobin__Mass_volume__in_Blood
833 active_care_plans>=floor(lifetime_care_plan_length)/active_care_plan_length
834 active_care_plans>=-immunizations_lifetime_cost+lifetime_care_plans-1
835 active_care_plans>=minimum(procedures_lifetime,log(lifetime_care_plan_length
)/log(10))
836 active_care_plans>=minimum(Creatinine,10^num_allergies)
837 active_care_plans>=Pain_severity__0_10_verbal_numeric_rating__Score____Repo
rted^imaging_studies_lifetime
838 active_care_plans>=minimum(medications_active,lifetime_care_plans-1)
839 active_care_plans>=minimum(procedures_lifetime,lifetime_care_plans-1)
840 active_care_plans>=2*lifetime_care_plan_length/Systolic_Blood_Pressure
841 active_care_plans>=minimum(device_lifetime_length,lifetime_care_plans-1)
842 active_care_plans>=-Respiratory_rate+lifetime_conditions
843 active_care_plans>=active_conditions-encounters_count
844 active_care_plans>=-Aspartate_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma+active_conditions+1
845 active_care_plans>=sqrt(medications_lifetime_length)-mean_Systolic_Blood_Pre
ssure
846 active_care_plans>=-immunizations_lifetime_cost+medications_active-1
847 active_care_plans>=-Estimated_Glomerular_Filtration_Rate+1/2*device_lifetime
_length
848
active_care_plans>=ceil(log(Leukocytes___volume__in_Blood_by_Automated_count))
849 active_care_plans>=minimum(device_lifetime_length,immunizations_lifetime^2)
850 active_care_plans>=floor(Creatinine)-procedures_lifetime_cost
851 active_care_plans>=-healthcare_coverage+lifetime_care_plans-1
852 active_care_plans>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1/2*p

```

```

rocedures_lifetime
853 active_care_plans>=ceil(1/2*lifetime_care_plans)
854 active_care_plans>=imaging_studies_lifetime/Creatinine
855 active_care_plans>=immunizations_lifetime^num_allergies
856 active_care_plans>=minimum(lifetime_care_plans,immunizations_lifetime)
857 active_care_plans>=(medications_active-1)/Prostate_specific_Ag__Mass_volume_
_in_Serum,Plasma
858 active_care_plans>=minimum(procedures_lifetime,1/2*medications_active)
859 active_care_plans>=minimum(Creatinine,10^device_lifetime_length)
860 active_care_plans>=Globulin__Mass_volume__in_Serum_by_calculation+log(device
_lifetime_length)
861 active_care_plans>=Respiratory_rate/Aspartate_aminotransferase__Enzymatic_ac
tivity_volume__in_Serum,Plasma
862 active_care_plans>=encounters_count^2/encounters_lifetime_total_cost
863 active_care_plans>=Hemoglobin_A1c_Hemoglobin_total_in_Blood-
healthcare_coverage
864 active_care_plans>=(Creatinine+1)^imaging_studies_lifetime
865
active_care_plans>=minimum(lifetime_care_plans,log(encounters_count)/log(10))
866 active_care_plans>=mean_Creatinine*medications_lifetime_perc_covered
867 active_care_plans>=sqrt(encounters_lifetime_perc_covered)/QOLS
868 active_care_plans>=floor(log(Triglycerides)/log(10))
869 active_care_plans>=ceil(1/2*Creatinine)
870 active_care_plans>=-immunizations_lifetime_cost+1/2*procedures_lifetime
871 active_care_plans>=log(healthcare_coverage)/log(10)-Hemoglobin_A1c_Hemoglobi
n_total_in_Blood
872 active_care_plans>=sqrt(Body_Weight)-Urea_Nitrogen
873 active_care_plans>=(log(FEV1_FVC)/log(10))^immunizations_lifetime
874 active_care_plans>=minimum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasm
a,Pain_severity___0_10_verbal_numeric_rating__Score___Reported-1)
875 active_care_plans>=-Heart_rate+Protein__Mass_volume__in_Serum,Plasma+1
876 active_care_plans>=Albumin__Mass_volume__in_Serum,Plasma^2/Urea_Nitrogen
877 lifetime_care_plans<=Potassium/encounters_lifetime_perc_covered
878 lifetime_care_plans<=floor(active_care_plan_length)
879 lifetime_care_plans<=ceil(active_condition_length)
880 lifetime_care_plans<=encounters_count-1
881 lifetime_care_plans<=2*active_care_plans
882 lifetime_care_plans<=minimum(Platelet_distribution_width__Entitic_volume__in
_Blood_by_Automated_count,active_care_plans+1)
883 lifetime_care_plans<=Respiratory_rate/imaging_studies_lifetime
884 lifetime_care_plans<=floor(Albumin__Mass_volume__in_Serum,Plasma)+medication
s_active
885 lifetime_care_plans<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+log(Prostate_s
pecific_Ag__Mass_volume__in_Serum,Plasma)
886 lifetime_care_plans<=floor(1/2*Aspartate_aminotransferase__Enzymatic_activit
y_volume__in_Serum,Plasma)
887 lifetime_care_plans<=2*active_conditions
888 lifetime_care_plans<=Urea_Nitrogen-immunizations_lifetime-1

```

```

889 lifetime_care_plans<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,
active_care_plans+1)
890 lifetime_care_plans<=active_care_plans^2+procedures_lifetime
891 lifetime_care_plans<=1/2*Aspartate_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma
892 lifetime_care_plans<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
)*medications_active
893 lifetime_care_plans<=(latitude-1)/Leukocytes____volume__in_Blood_by_Automate
d_count
894 lifetime_care_plans<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+healthcare_cov
erage
895 lifetime_care_plans<=active_care_plans+immunizations_lifetime_cost+1
896 lifetime_care_plans<=active_care_plans+procedures_lifetime_cost+1
897 lifetime_care_plans<=healthcare_expenses^DALY
898 lifetime_care_plans<=Calcium*DALY
899 lifetime_care_plans<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,
ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma))
900 lifetime_care_plans<=Respiratory_rate-num_allergies-1
901 lifetime_care_plans<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
)*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
902 lifetime_care_plans<=floor(active_care_plan_length)/Hemoglobin_A1c_Hemoglobi
n_total_in_Blood
903 lifetime_care_plans<=active_care_plan_length^2/mean_Microalbumin_Creatinine_
Ratio
904 lifetime_care_plans<=floor(active_condition_length)/Hemoglobin_A1c_Hemoglobi
n_total_in_Blood
905 lifetime_care_plans<=active_conditions+procedures_lifetime_cost
906 lifetime_care_plans<=(QALY-1)/Potassium
907 lifetime_care_plans<=maximum(Sodium,active_care_plans+1)
908 lifetime_care_plans<=encounters_count-procedures_lifetime
909 lifetime_care_plans<=encounters_count/Albumin__Mass_volume__in_Serum,Plasma
910 lifetime_care_plans<=minimum(Respiratory_rate,active_care_plans^2)
911 lifetime_care_plans<=10^Pain_severity___0_10_verbal_numeric_rating__Score____
_Reported+active_care_plans
912 lifetime_care_plans<=Urea_Nitrogen-2
913 lifetime_care_plans<=maximum(medications_lifetime,log(Platelet_distribution_
width__Entitic_volume__in_Blood_by_Automated_count)/log(10))
914 lifetime_care_plans<=e^active_care_plans/Globulin__Mass_volume__in_Serum_by_
calculation
915
lifetime_care_plans<=mean_Microalbumin_Creatinine_Ratio/immunizations_lifetime
916 lifetime_care_plans<=-active_conditions+floor(Body_Mass_Index)
917 lifetime_care_plans<=1/imaging_studies_lifetime+active_care_plans
918 lifetime_care_plans<=Body_Mass_Index-Respiratory_rate
919 lifetime_care_plans<=(active_care_plans+1)/Bilirubin_total__Mass_volume__in_
Serum,Plasma
920 lifetime_care_plans<=Alanine_aminotransferase__Enzymatic_activity_volume__in_
_Serum,Plasma-DALY

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921 lifetime_care_plans<=1/2*Body_Height+longitude
922 lifetime_care_plans<=maximum(active_conditions,Prostate_specific_Ag__Mass_vo
lume__in_Serum,Plasma)
923 lifetime_care_plans<=Globulin__Mass_volume__in_Serum_by_calculation*Hemoglob
in_A1c_Hemoglobin_total_in_Blood
924 lifetime_care_plans<=2*floor(Albumin__Mass_volume__in_Serum,Plasma)
925 lifetime_care_plans<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,
active_conditions-1)
926 lifetime_care_plans<=(e^Respiratory_rate)^Bilirubin_total__Mass_volume__in_S
erum,Plasma
927 lifetime_care_plans<=active_care_plans*log(Low_Density_Lipoprotein_Cholester
ol)/log(10)
928 lifetime_care_plans<=maximum(Sodium,floor(Prostate_specific_Ag__Mass_volume_
__in_Serum,Plasma))
929 lifetime_care_plans<=2*Leukocytes___volume__in_Blood_by_Automated_count-2
930
lifetime_care_plans<=ceil(Leukocytes___volume__in_Blood_by_Automated_count+1)
931 lifetime_care_plans<=minimum(healthcare_expenses,floor(Total_score__MMSE_))
932 lifetime_care_plans<=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+DALY
933 lifetime_care_plans<=(active_care_plans+1)/medications_lifetime_perc_covered
934 lifetime_care_plans<=minimum(Triglycerides,floor(active_conditions))
935
lifetime_care_plans<=sqrt(active_condition_length)+immunizations_lifetime_cost
936
lifetime_care_plans<=minimum(Estimated_Glomerular_Filtration_Rate,ceil(DALY))
937 lifetime_care_plans<=Calcium-
Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1
938 lifetime_care_plans<=active_care_plans^2*mean_Creatinine
939 lifetime_care_plans<=active_care_plans+encounters_lifetime_payer_coverage+1
940 lifetime_care_plans<=minimum(Triglycerides,-DXA__T_score__Bone_density)
941 lifetime_care_plans<=minimum(Triglycerides,floor(medications_lifetime))
942 lifetime_care_plans<=medications_lifetime+procedures_lifetime_cost+1
943
lifetime_care_plans<=1/2*medications_lifetime_cost/medications_lifetime_length
944 lifetime_care_plans<=1/medications_lifetime_perc_covered+Prostate_specific_A
g__Mass_volume__in_Serum,Plasma
945 lifetime_care_plans<=10^medications_active+Hemoglobin_A1c_Hemoglobin_total_i
n_Blood
946 lifetime_care_plans<=10^medications_active*Bilirubin_total__Mass_volume__in_
Serum,Plasma
947 lifetime_care_plans<=sqrt(Platelet_mean_volume__Entitic_volume__in_Blood_by_
Automated_count)+procedures_lifetime_cost
948 lifetime_care_plans<=Microalbumin_Creatinine_Ratio^2-Respiratory_rate
949 lifetime_care_plans<=Platelets___volume__in_Blood_by_Automated_count^2/enco
unters_lifetime_payer_coverage
950 lifetime_care_plans<=sqrt(Low_Density_Lipoprotein_Cholesterol)-Pain_severity
___0_10_verbal_numeric_rating__Score___Reported
951 lifetime_care_plans<=minimum(healthcare_expenses,log(Body_temperature))

```

```

952 lifetime_care_plans>=num_allergies
953 lifetime_care_plans>=active_care_plans
954 lifetime_care_plans>=2/lifetime_conditions
955 lifetime_care_plans>=(lifetime_care_plan_length+1)/Alkaline_phosphatase__Enz
ymatic_activity_volume__in_Serum,Plasma
956 lifetime_care_plans>=2*procedures_lifetime/Hemoglobin__Mass_volume__in_Blood
957 lifetime_care_plans>=ceil(Ketones__Mass_volume__in_Urine_by_Test_strip)^imag
ing_studies_lifetime
958 lifetime_care_plans>=mean_Creatinine*sqrt(num_allergies)
959
lifetime_care_plans>=medications_active^Specific_gravity_of_Urine_by_Test_strip
960 lifetime_care_plans>=-encounters_lifetime_payer_coverage+procedures_lifetime
961 lifetime_care_plans>=Systolic_Blood_Pressure-mean_Total_Cholesterol+1
962 lifetime_care_plans>=Pain_severity___0_10_verbal_numeric_rating__Score____Re
ported^2-healthcare_coverage
963 lifetime_care_plans>=Bilirubin_total__Mass_volume__in_Serum,Plasma*log(Heart
_rate)
964 lifetime_care_plans>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,
immunizations_lifetime+1)
965 lifetime_care_plans>=-DALY+Globulin__Mass_volume__in_Serum_by_calculation+1
966 lifetime_care_plans>=sqrt(lifetime_conditions)-encounters_lifetime_payer_cov
erage
967 lifetime_care_plans>=lifetime_conditions^2/Alkaline_phosphatase__Enzymatic_a
ctivity_volume__in_Serum,Plasma
968
lifetime_care_plans>=(1/2*Total_score__MMSE_)^medications_lifetime_perc_covered
969 lifetime_care_plans>=sqrt(medications_lifetime_dispenses)/mean_Aspartate_ami
notransferase__Enzymatic_activity_volume__in_Serum,Plasma
970 lifetime_care_plans>=(10^DXA__T_score__Bone_density)^Pain_severity___0_10_ve
rbal_numeric_rating__Score____Reported
971 lifetime_care_plans>=-Pain_severity___0_10_verbal_numeric_rating__Score____R
eported+1/2*medications_active
972 lifetime_care_plans>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma-
immunizations_lifetime_cost
973 active_care_plan_length<=1/longitude+age
974 active_care_plan_length<=lifetime_care_plan_length
975 active_care_plan_length<=floor(mean_Calcium)^2
976 active_care_plan_length<=e^Calcium/mean_Diastolic_Blood_Pressure
977 active_care_plan_length<=floor(Potassium)^mean_Potassium
978 active_care_plan_length<=maximum(active_condition_length,1/2*Alkaline_phosph
atase__Enzymatic_activity_volume__in_Serum,Plasma)
979 active_care_plan_length<=active_condition_length*ceil(Creatinine)
980
active_care_plan_length<=Estimated_Glomerular_Filtration_Rate*log(Triglycerides)
981 active_care_plan_length<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+mean
_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
982 active_care_plan_length<=(e^QOLS)^mean_Estimated_Glomerular_Filtration_Rate
983 active_care_plan_length<=(Triglycerides+1)/imaging_studies_lifetime

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984 active_care_plan_length<=-Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma+Chloride-1
985 active_care_plan_length<=Systolic_Blood_Pressure*log(Potassium)/log(10)
986 active_care_plan_length<=(active_condition_length-1)/medications_lifetime_pe
rc_covered
987 active_care_plan_length<=(log(High_Density_Lipoprotein_Cholesterol)/log(10))
^mean_Microalbumin_Creatinine_Ratio
988 active_care_plan_length<=2*Protein__Mass_volume__in_Serum,Plasma*QOLS
989 active_care_plan_length<=active_condition_length+healthcare_coverage
990 active_care_plan_length<=(latitude-1)/encounters_lifetime_perc_covered
991 active_care_plan_length<=immunizations_lifetime_cost-longitude-1
992 active_care_plan_length<=active_condition_length+log(Aspartate_aminotransfer
ase__Enzymatic_activity_volume__in_Serum,Plasma)
993 active_care_plan_length<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+
1/2*Systolic_Blood_Pressure
994 active_care_plan_length<=1/2*Glucose+Microalbumin_Creatinine_Ratio
995 active_care_plan_length<=encounters_lifetime_perc_covered+floor(age)
996 active_care_plan_length<=minimum(Systolic_Blood_Pressure,Left_ventricular_Ej
ection_fraction-1)
997 active_care_plan_length<=-active_care_plans+lifetime_care_plan_length+1
998 active_care_plan_length<=active_condition_length*ceil(Bilirubin_total__Mass_
volume__in_Serum,Plasma)
999 active_care_plan_length<=1/2*Hematocrit__Volume_Fraction__of_Blood_by_Automa
ted_count+QALY
1000 active_care_plan_length<=(1/encounters_lifetime_perc_covered)^Aspartate_ami
notransferase__Enzymatic_activity_volume__in_Serum,Plasma
1001 active_care_plan_length<=Potassium^2+active_condition_length
1002 active_care_plan_length<=active_condition_length+encounters_lifetime_payer_
coverage
1003 active_care_plan_length<=QOLS+age-1
1004 active_care_plan_length<=-Glucose+ceil(Platelets____volume__in_Blood_by_Aut
omated_count)
1005 active_care_plan_length<=10^encounters_lifetime_perc_covered*High_Density_L
ipoprotein_Cholesterol
1006
active_care_plan_length<=2*active_condition_length+immunizations_lifetime_cost
1007 active_care_plan_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+active_
condition_length
1008 active_care_plan_length<=Body_Weight-active_conditions+1
1009 active_care_plan_length<=Body_Weight-medications_active
1010 active_care_plan_length<=Body_Height-Heart_rate-1
1011 active_care_plan_length<=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*activ
e_condition_length
1012 active_care_plan_length<=10^Pain_severity___0_10_verbal_numeric_rating__Sco
re____Reported*Microalbumin_Creatinine_Ratio
1013 active_care_plan_length<=sqrt(Estimated_Glomerular_Filtration_Rate)+medicat
ions_lifetime
1014 active_care_plan_length<=Carbon_Dioxide*sqrt(Urea_Nitrogen)

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1015 active_care_plan_length<=maximum(active_condition_length,Glomerular_filtrat
ion_rate_1_73_sq_M_predicted)
1016 active_care_plan_length<=-Microalbumin_Creatinine_Ratio+1/2*medications_lif
etime_dispenses
1017 active_care_plan_length<=(log(active_condition_length)/log(10))mean_Urea_N
itrogen
1018 active_care_plan_length<=Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma+encounters_count
1019 active_care_plan_length<=maximum(active_condition_length,Alkaline_phosphata
se__Enzymatic_activity_volume__in_Serum,Plasma)
1020 active_care_plan_length<=10Globulin__Mass_volume__in_Serum_by_calculation-
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1021 active_care_plan_length<=Hemoglobin__Mass_volume__in_Blood2*QOLS
1022
active_care_plan_length<=Urea_Nitrogen2-Albumin__Mass_volume__in_Serum,Plasma
1023 active_care_plan_length<=log(Diastolic_Blood_Pressure)-longitude
1024 active_care_plan_length<=Systolic_Blood_Pressure-latitude+1
1025 active_care_plan_length<=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,P
lasma)*active_condition_length
1026 active_care_plan_length<=(eAlanine_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma)Bilirubin_total__Mass_volume__in_Serum,Plasma
1027 active_care_plan_length<=-Alanine_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma+2*QALY
1028 active_care_plan_length<=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plas
ma+QALY
1029 active_care_plan_length<=(2*Platelet_distribution_width__Entitic_volume__in
_Blood_by_Automated_count)Creatinine
1030 active_care_plan_length<=age+num_allergies-1
1031 active_care_plan_length<=active_condition_length*log(Estimated_Glomerular_F
iltration_Rate)/log(10)
1032 active_care_plan_length<=High_Density_Lipoprotein_Cholesterol+lifetime_cond
ition_length-1
1033
active_care_plan_length<=1/2*encounters_lifetime_total_cost/active_conditions
1034 active_care_plan_length<=Calcium+1/2*Triglycerides
1035 active_care_plan_length<=(active_care_plans+1)*Estimated_Glomerular_Filtrat
ion_Rate
1036 active_care_plan_length<=-Globulin__Mass_volume__in_Serum_by_calculation+li
fetime_care_plan_length+1
1037 active_care_plan_length<=10immunizations_lifetime+Heart_rate
1038 active_care_plan_length<=encounters_lifetime_payer_coverage+lifetime_care_p
lan_length-1
1039 active_care_plan_length<=1/2*DALY*mean_Microalbumin_Creatinine_Ratio
1040 active_care_plan_length<=1/2*Heart_rate+Microalbumin_Creatinine_Ratio
1041 active_care_plan_length>=Low_Density_Lipoprotein_Cholesterol*log(num_allerg
ies)/log(10)
1042 active_care_plan_length>=lifetime_care_plan_length/lifetime_care_plans
1043 active_care_plan_length>=sqrt(Microalbumin_Creatinine_Ratio)+device_lifetim

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```

e_length
1044 active_care_plan_length>=lifetime_care_plan_length-
lifetime_condition_length
1045 active_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*lifetime_
care_plans
1046 active_care_plan_length>=(lifetime_care_plan_length+1)/Albumin__Mass_volume
__in_Serum,Plasma
1047 active_care_plan_length>=-Aspartate_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma+floor(latitude)
1048 active_care_plan_length>=-MCH__Entitic_mass__by_Automated_count+1/2*lifetim
e_care_plan_length
1049 active_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+Leukocy
tes___volume__in_Blood_by_Automated_count
1050 active_care_plan_length>=2*Protein__Mass_volume__in_Serum,Plasma-
mean_Triglycerides
1051 active_care_plan_length>=-Platelet_mean_volume__Entitic_volume__in_Blood_by
_Automated_count+e^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
1052 active_care_plan_length>=minimum(lifetime_care_plan_length,log(medications_
lifetime_cost))
1053 active_care_plan_length>=active_condition_length-healthcare_coverage
1054 active_care_plan_length>=Urea_Nitrogen+mean_Creatinine
1055 active_care_plan_length>=DALY-procedures_lifetime_cost+1
1056 active_care_plan_length>=Diastolic_Blood_Pressure-Heart_rate+1
1057
active_care_plan_length>=device_lifetime_length+log(lifetime_care_plan_length)
1058 active_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2*encount
ers_lifetime_perc_covered
1059 active_care_plan_length>=(imaging_studies_lifetime+1)^Prostate_specific_Ag_
_Mass_volume__in_Serum,Plasma
1060 active_care_plan_length>=active_conditions*imaging_studies_lifetime
1061 active_care_plan_length>=(2*Aspartate_aminotransferase__Enzymatic_activity_
volume__in_Serum,Plasma)^QOLS
1062 active_care_plan_length>=Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma^2/age
1063 active_care_plan_length>=2*Erythrocytes___volume__in_Blood_by_Automated_co
unt+mean_Carbon_Dioxide
1064
active_care_plan_length>=sqrt(encounters_lifetime_total_cost)-Total_Cholesterol
1065 active_care_plan_length>=2*DALY-Hemoglobin__Mass_volume__in_Blood
1066 active_care_plan_length>=(active_care_plans+1)/Bilirubin_total__Mass_volume
__in_Serum,Plasma
1067 active_care_plan_length>=active_condition_length^2/Triglycerides
1068 active_care_plan_length>=(Triglycerides+1)/medications_lifetime
1069 active_care_plan_length>=-Albumin__Mass_volume__in_Serum,Plasma+1/2*procedu
res_lifetime
1070 active_care_plan_length>=Heart_rate^2/Platelets___volume__in_Blood_by_Auto
mated_count
1071 active_care_plan_length>=immunizations_lifetime_cost/mean_Carbon_Dioxide

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1072 active_care_plan_length>=(medications_lifetime+1)/mean_Carbon_Dioxide
1073 active_care_plan_length>=DALY*log(Albumin__Mass_volume__in_Serum,Plasma)
1074 active_care_plan_length>=2*Systolic_Blood_Pressure/mean_Leukocytes___volum
e__in_Blood_by_Automated_count
1075 active_care_plan_length>=(medications_lifetime_dispenses+1)/age
1076 active_care_plan_length>=(medications_lifetime_dispenses+1)/Heart_rate
1077 active_care_plan_length>=e^medications_active/Microalbumin_Creatinine_Ratio
1078 active_care_plan_length>=DALY^2/latitude
1079 active_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*log(medic
ations_lifetime_length)/log(10)
1080 active_care_plan_length>=active_condition_length^2/Sodium
1081
active_care_plan_length>=minimum(active_condition_length,active_care_plans^2)
1082 active_care_plan_length>=MCH__Entitic_mass__by_Automated_count+2*medication
s_active
1083 active_care_plan_length>=Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma-mean_Respiratory_rate
1084
active_care_plan_length>=Bilirubin_total__Mass_volume__in_Serum,Plasma*latitude
1085 active_care_plan_length>=log(Alanine_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma)/Bilirubin_total__Mass_volume__in_Serum,Plasma
1086 active_care_plan_length>=medications_active^2-medications_lifetime
1087 active_care_plan_length>=minimum(Microalbumin_Creatinine_Ratio,Estimated_Gl
omerular_Filtration_Rate+1)
1088 active_care_plan_length>=floor(lifetime_care_plan_length)/active_care_plans
1089 active_care_plan_length>=(1/2*Low_Density_Lipoprotein_Cholesterol)^medicati
ons_lifetime_perc_covered
1090 active_care_plan_length>=2*Glomerular_filtration_rate_1_73_sq_M_predicted-
mean_Triglycerides
1091 active_care_plan_length>=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Leuko
cytes___volume__in_Blood_by_Automated_count
1092 active_care_plan_length>=minimum(latitude,active_care_plans^2)
1093 active_care_plan_length>=Respiratory_rate*log(Alanine_aminotransferase__Enz
ymatic_activity_volume__in_Serum,Plasma)/log(10)
1094 active_care_plan_length>=QALY+log(num_allergies)
1095 active_care_plan_length>=1/2*Diastolic_Blood_Pressure-
Estimated_Glomerular_Filtration_Rate
1096 active_care_plan_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
+2*active_conditions
1097 active_care_plan_length>=1/2*medications_lifetime_dispenses/Alanine_aminotr
ansferase__Enzymatic_activity_volume__in_Serum,Plasma
1098 active_care_plan_length>=2*Globulin__Mass_volume__in_Serum_by_calculation*1
ifetime_care_plans
1099 active_care_plan_length>=lifetime_care_plan_length/lifetime_care_plans
1100 active_care_plan_length>=1/2*lifetime_care_plan_length/Prostate_specific_Ag
__Mass_volume__in_Serum,Plasma
1101 active_care_plan_length>=sqrt(Estimated_Glomerular_Filtration_Rate)*medicat
ions_active

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1102 active_care_plan_length>=sqrt(medications_lifetime_length)-age
1103 active_care_plan_length>=sqrt(medications_lifetime_length)-lifetime_conditi
on_length
1104 active_care_plan_length>=sqrt(medications_lifetime_length)/mean_Hemoglobin_
A1c_Hemoglobin_total_in_Blood
1105
active_care_plan_length>=sqrt(medications_lifetime_dispenses)-Respiratory_rate
1106 active_care_plan_length>=sqrt(NT_proBNP)^imaging_studies_lifetime
1107 active_care_plan_length>=2*DALY-medications_lifetime
1108 active_care_plan_length>=minimum(Alanine_aminotransferase__Enzymatic_activi
ty_volume__in_Serum,Plasma,2*DALY)
1109 active_care_plan_length>=10^Albumin__Mass_volume__in_Serum,Plasma/encounter
s_lifetime_payer_coverage
1110 active_care_plan_length>=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^
Hemoglobin_A1c_Hemoglobin_total_in_Blood
1111 active_care_plan_length>=Body_Mass_Index^2/mean_High_Density_Lipoprotein_Ch
olesterol
1112 active_care_plan_length>=MCH__Entitic_mass__by_Automated_count^2/mean_Carbo
n_Dioxide
1113 lifetime_care_plan_length<=Sodium+e^active_care_plans
1114 lifetime_care_plan_length<=Hematocrit__Volume_Fraction__of_Blood_by_Automat
ed_count*log(Heart_rate)
1115 lifetime_care_plan_length<=-Erythrocyte_distribution_width__Entitic_volume_
_by_Automated_count+Platelets___volume__in_Blood_by_Automated_count
1116
lifetime_care_plan_length<=active_care_plan_length+lifetime_condition_length
1117 lifetime_care_plan_length<=active_care_plan_length*lifetime_care_plans
1118 lifetime_care_plan_length<=active_care_plan_length^lifetime_care_plans
1119 lifetime_care_plan_length<=(Carbon_Dioxide-1)^Prostate_specific_Ag__Mass_vo
lume__in_Serum,Plasma
1120 lifetime_care_plan_length<=Estimated_Glomerular_Filtration_Rate+1/2*lifetim
e_condition_length
1121 lifetime_care_plan_length<=2*Hematocrit__Volume_Fraction__of_Blood_by_Autom
ated_count+medications_lifetime
1122 lifetime_care_plan_length<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1
)*Triglycerides
1123 lifetime_care_plan_length<=sqrt(Protein__Mass_volume__in_Serum,Plasma)*medi
cations_lifetime
1124 lifetime_care_plan_length<=Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma+2*Low_Density_Lipoprotein_Cholesterol
1125 lifetime_care_plan_length<=(Aspartate_aminotransferase__Enzymatic_activity_
volume__in_Serum,Plasma-1)*mean_Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma
1126 lifetime_care_plan_length<=log(healthcare_coverage)*mean_Aspartate_aminotra
nsferase__Enzymatic_activity_volume__in_Serum,Plasma
1127 lifetime_care_plan_length<=active_care_plans*floor(Hematocrit__Volume_Fract
ion__of_Blood_by_Automated_count)
1128 lifetime_care_plan_length<=e^Hemoglobin__Mass_volume__in_Blood/medications_

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lifetime_dispenses
1129 lifetime_care_plan_length<=1/2*lifetime_condition_length+mean_Estimated_Glo
merular_Filtration_Rate
1130 lifetime_care_plan_length<=2*Prostate_specific_Ag__Mass_volume__in_Serum,Pl
asma*encounters_count
1131 lifetime_care_plan_length<=(1/encounters_lifetime_perc_covered)^Hemoglobin_
_Mass_volume__in_Blood
1132 lifetime_care_plan_length<=2*Body_Weight/Bilirubin_total__Mass_volume__in_S
erum,Plasma
1133 lifetime_care_plan_length<=sqrt(1/2)*sqrt(healthcare_expenses)
1134 lifetime_care_plan_length<=Triglycerides+e^active_care_plans
1135
lifetime_care_plan_length<=floor(Body_Height)/encounters_lifetime_perc_covered
1136 lifetime_care_plan_length<=2*DALY*Protein__Mass_volume__in_Serum,Plasma
1137 lifetime_care_plan_length<=(Glomerular_filtration_rate_1_73_sq_M_predicted+
1)*active_conditions
1138 lifetime_care_plan_length<=sqrt(healthcare_expenses)-encounters_count
1139 lifetime_care_plan_length<=Triglycerides*log(Urea_Nitrogen)
1140 lifetime_care_plan_length<=Body_Height*log(High_Density_Lipoprotein_Cholest
erol)/log(10)
1141 lifetime_care_plan_length<=log(encounters_lifetime_payer_coverage)^Hemoglob
in_A1c_Hemoglobin_total_in_Blood
1142 lifetime_care_plan_length<=Glomerular_filtration_rate_1_73_sq_M_predicted+m
ean_Systolic_Blood_Pressure-1
1143 lifetime_care_plan_length<=(Alkaline_phosphatase__Enzymatic_activity_volum
e__in_Serum,Plasma+1)*active_care_plans
1144 lifetime_care_plan_length<=Albumin__Mass_volume__in_Serum,Plasma*QALY
1145 lifetime_care_plan_length<=-DALY+e^Microalbumin_Creatinine_Ratio
1146 lifetime_care_plan_length<=2*Alkaline_phosphatase__Enzymatic_activity_volum
e__in_Serum,Plasma+Heart_rate
1147 lifetime_care_plan_length<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1
)^Alkaline_phosphatase__Enzymatic_activity_volum__in_Serum,Plasma
1148 lifetime_care_plan_length<=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum
,Plasma)*Systolic_Blood_Pressure
1149
lifetime_care_plan_length<=floor(DALY)*mean_Estimated_Glomerular_Filtration_Rate
1150 lifetime_care_plan_length<=active_care_plan_length^2/Hemoglobin__Mass_volum
e__in_Blood
1151 lifetime_care_plan_length<=active_care_plan_length+e^encounters_count
1152 lifetime_care_plan_length<=active_care_plan_length^2/lifetime_care_plans
1153 lifetime_care_plan_length<=ceil(active_care_plan_length)^active_care_plans
1154 lifetime_care_plan_length<=Heart_rate+e^active_condition_length
1155 lifetime_care_plan_length<=age+lifetime_condition_length-1
1156 lifetime_care_plan_length<=maximum(lifetime_condition_length,10^lifetime_ca
re_plans)
1157 lifetime_care_plan_length<=Body_Height+2*Microalbumin_Creatinine_Ratio
1158 lifetime_care_plan_length<=active_care_plans*ceil(active_care_plan_length)
1159 lifetime_care_plan_length<=1/2*Systolic_Blood_Pressure*active_care_plans

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1160 lifetime_care_plan_length<=10^active_care_plans-
Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1161 lifetime_care_plan_length<=2*Body_Mass_Index*active_care_plans
1162 lifetime_care_plan_length<=(log(active_care_plan_length)/log(10))^Platelet_
mean_volume__Entitic_volume__in_Blood_by_Automated_count
1163 lifetime_care_plan_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*e^Album
in__Mass_volume__in_Serum,Plasma
1164 lifetime_care_plan_length<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Sys
tolic_Blood_Pressure
1165 lifetime_care_plan_length<=Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count^2+medications_lifetime
1166
lifetime_care_plan_length<=2*lifetime_condition_length/imaging_studies_lifetime
1167 lifetime_care_plan_length<=(log(encounters_lifetime_total_cost)/log(10))^Al
bumin__Mass_volume__in_Serum,Plasma
1168 lifetime_care_plan_length<=encounters_count^2+High_Density_Lipoprotein_Chol
esterol
1169 lifetime_care_plan_length<=2*Erythrocyte_distribution_width__Entitic_volume
__by_Automated_count+procedures_lifetime_cost
1170 lifetime_care_plan_length<=maximum(lifetime_condition_length,1/imaging_stud
ies_lifetime)
1171 lifetime_care_plan_length<=2*Chloride+immunizations_lifetime_cost
1172 lifetime_care_plan_length<=encounters_lifetime_payer_coverage+2*medications
_lifetime_dispenses
1173 lifetime_care_plan_length<=10^medications_active+Sodium
1174 lifetime_care_plan_length<=10^medications_active*Sodium
1175 lifetime_care_plan_length<=QALY*log(Erythrocyte_distribution_width__Entitic
_volume__by_Automated_count)
1176 lifetime_care_plan_length<=10^DALY*mean_Aspartate_aminotransferase__Enzymat
ic_activity_volume__in_Serum,Plasma
1177 lifetime_care_plan_length<=(log(Respiratory_rate)/log(10))^Heart_rate
1178 lifetime_care_plan_length<=(DALY+1)*Microalbumin_Creatinine_Ratio
1179 lifetime_care_plan_length<=ceil(DALY)*mean_Microalbumin_Creatinine_Ratio
1180 lifetime_care_plan_length<=Respiratory_rate^2-Prostate_specific_Ag__Mass_vo
lume__in_Serum,Plasma
1181 lifetime_care_plan_length<=Chloride^2/Estimated_Glomerular_Filtration_Rate
1182 lifetime_care_plan_length<=-Protein__Mass_volume__in_Serum,Plasma+2*Sodium
1183 lifetime_care_plan_length<=Prostate_specific_Ag__Mass_volume__in_Serum,Plas
ma*e^Potassium
1184 lifetime_care_plan_length<=(Potassium+1)*active_care_plan_length
1185 lifetime_care_plan_length<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*act
ive_care_plan_length
1186 lifetime_care_plan_length>=active_care_plan_length
1187
lifetime_care_plan_length>=Carbon_Dioxide+log(medications_lifetime_dispenses)
1188 lifetime_care_plan_length>=age*log(Prostate_specific_Ag__Mass_volume__in_Se
rum,Plasma)/log(10)
1189 lifetime_care_plan_length>=Alanine_aminotransferase__Enzymatic_activity_vol

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$\text{ume_in_Serum,Plasma+Bilirubin_total_Mass_volume_in_Serum,Plasma}$
1190 $\text{lifetime_care_plan_length} \geq (\text{MCV_Entitic_volume_by_Automated_count} + 1) / \text{active_conditions}$
1191 $\text{lifetime_care_plan_length} \geq 1/2 * \text{Total_Cholesterol} / \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}$
1192 $\text{lifetime_care_plan_length} \geq 2 * \text{Estimated_Glomerular_Filtration_Rate} - \text{procedures_lifetime_cost}$
1193 $\text{lifetime_care_plan_length} \geq e^{\text{lifetime_care_plans}} / \text{Chloride}$
1194 $\text{lifetime_care_plan_length} \geq \text{MCH_Entitic_mass_by_Automated_count} * \log(\text{device_lifetime_length})$
1195 $\text{lifetime_care_plan_length} \geq 2 * \text{Body_Mass_Index} - \text{QALY}$
1196 $\text{lifetime_care_plan_length} \geq (\text{medications_lifetime_length} + 1) / \text{Sodium}$
1197 $\text{lifetime_care_plan_length} \geq \text{mean_Platelets_volume_in_Blood_by_Automated_count} / \text{mean_Potassium}$
1198 $\text{lifetime_care_plan_length} \geq \log(\text{Leukocytes_volume_in_Blood_by_Automated_count}) / \log(10) + \text{age}$
1199 $\text{lifetime_care_plan_length} \geq \text{minimum}(\text{Microalbumin_Creatinine_Ratio}, e^{\text{active_care_plans}})$
1200 $\text{lifetime_care_plan_length} \geq 1/2 * \text{medications_lifetime_length} / \text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count}$
1201 $\text{lifetime_care_plan_length} \geq \text{active_care_plan_length} + \text{active_care_plans} - 1$
1202 $\text{lifetime_care_plan_length} \geq 2 * \text{Microalbumin_Creatinine_Ratio} * \text{imaging_studies_lifetime}$
1203
 $\text{lifetime_care_plan_length} \geq \text{lifetime_care_plans} * \log(\text{medications_lifetime_length})$
1204 $\text{lifetime_care_plan_length} \geq 2 * \text{Glomerular_filtration_rate_1_73_sq_M_predicted} / \text{Potassium}$
1205 $\text{lifetime_care_plan_length} \geq \text{minimum}(\text{Glucose}, e^{\text{active_care_plans}})$
1206
 $\text{lifetime_care_plan_length} \geq 1/2 * \text{encounters_lifetime_payer_coverage} / \text{mean_Chloride}$
1207 $\text{lifetime_care_plan_length} \geq (\text{Creatinine} + 1) * \text{device_lifetime_length}$
1208 $\text{lifetime_care_plan_length} \geq -\text{healthcare_coverage} + \text{mean_Low_Density_Lipoprotein_Cholesterol}$
1209 $\text{lifetime_care_plan_length} \geq \text{active_care_plan_length} * \log(\text{active_care_plans})$
1210 $\text{lifetime_care_plan_length} \geq (\log(\text{Low_Density_Lipoprotein_Cholesterol}) / \log(10))^{\text{mean_Creatinine}}$
1211 $\text{lifetime_care_plan_length} \geq \text{Globulin_Mass_volume_in_Serum_by_calculation} * \text{active_care_plans}^2$
1212 $\text{lifetime_care_plan_length} \geq \text{Bilirubin_total_Mass_volume_in_Serum,Plasma}^2 * \text{Systolic_Blood_Pressure}$
1213 $\text{lifetime_care_plan_length} \geq (\text{active_care_plans} + 1) * \text{mean_Calcium}$
1214
 $\text{lifetime_care_plan_length} \geq \text{encounters_lifetime_perc_covered} * \text{medications_active}^2$
1215 $\text{lifetime_care_plan_length} \geq 10^{\text{medications_lifetime_perc_covered} * \text{medications_active}}$
1216 $\text{lifetime_care_plan_length} \geq \text{Prostate_specific_Ag_Mass_volume_in_Serum,Plasma} * \text{active_care_plans}^2$
1217 $\text{lifetime_care_plan_length} \geq (\text{medications_lifetime_dispenses} + 1) / \text{Alanine_amino}$

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transferase__Enzymatic_activity_volume__in_Serum,Plasma
1218 lifetime_care_plan_length>=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1)*DALY
1219 lifetime_care_plan_length>=2*mean_Respiratory_rate*num_allergies
1220 lifetime_care_plan_length>=Chloride-Protein__Mass_volume__in_Serum,Plasma+1
1221 lifetime_care_plan_length>=Albumin__Mass_volume__in_Serum,Plasma^2*active_care_plans
1222 lifetime_care_plan_length>=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^medications_active
1223 lifetime_care_plan_length>=(log(FEV1_FVC)/log(10))^procedures_lifetime
1224 lifetime_care_plan_length>=e^lifetime_care_plans/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
1225 lifetime_care_plan_length>=device_lifetime_length*log(Body_Height)/log(10)
1226 lifetime_care_plan_length>=-Systolic_Blood_Pressure+e^Erythrocytes___volume__in_Blood_by_Automated_count
1227 lifetime_care_plan_length>=2*medications_lifetime_dispenses/Body_Weight
1228 lifetime_care_plan_length>=-Triglycerides+mean_Triglycerides
1229
lifetime_care_plan_length>=-Body_Weight+Low_Density_Lipoprotein_Cholesterol+1
1230 lifetime_care_plan_length>=Bilirubin_total__Mass_volume__in_Serum,Plasma^2*active_condition_length
1231 lifetime_care_plan_length>=Low_Density_Lipoprotein_Cholesterol-lifetime_condition_length
1232
lifetime_care_plan_length>=-Potassium+1/2*Protein__Mass_volume__in_Serum,Plasma
1233 lifetime_care_plan_length>=Heart_rate*log(imaging_studies_lifetime)
1234 lifetime_care_plan_length>=1/2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-immunizations_lifetime_cost
1235 lifetime_care_plan_length>=log(lifetime_care_plans)^active_care_plans
1236 lifetime_care_plan_length>=(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+1)/Globulin__Mass_volume__in_Serum_by_calculation
1237 lifetime_care_plan_length>=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*Respiratory_rate
1238 lifetime_care_plan_length>=log(Erythrocytes___volume__in_Blood_by_Automated_count)/log(10)-longitude
1239 lifetime_care_plan_length>=-Erythrocyte_distribution_width__Entitic_volume__by_Automated_count+1/2*encounters_count
1240 lifetime_care_plan_length>=(Hemoglobin__Mass_volume__in_Blood+1)*medications_active
1241 lifetime_care_plan_length>=10^QOLS*Leukocytes___volume__in_Blood_by_Automated_count
1242 lifetime_care_plan_length>=(log(encounters_count)/log(10))^Potassium
1243 lifetime_care_plan_length>=floor(Estimated_Glomerular_Filtration_Rate)*medications_lifetime_perc_covered
1244 lifetime_care_plan_length>=-immunizations_lifetime_cost+mean_Heart_rate
1245 lifetime_care_plan_length>=2*active_care_plan_length-mean_Microalbumin_Creatinine_Ratio
1246 lifetime_care_plan_length>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma

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asma*active_conditions
1247 lifetime_care_plan_length>=latitude*sqrt(num_allergies)
1248 lifetime_care_plan_length>=(log(medications_lifetime)/log(10))^Albumin__Mas
s_volume__in_Serum,Plasma
1249 lifetime_care_plan_length>=minimum(Triglycerides,1/medications_active)
1250 lifetime_care_plan_length>=Glomerular_filtration_rate_1_73_sq_M_predicted*1
og(device_lifetime_length)
1251 lifetime_care_plan_length>=1/2*encounters_lifetime_payer_coverage/Chloride
1252 lifetime_care_plan_length>=sqrt(encounters_lifetime_payer_coverage)-procedu
res_lifetime_cost
1253 lifetime_care_plan_length>=log(Globulin__Mass_volume__in_Serum_by_calculati
on)^DALY
1254 lifetime_care_plan_length>=sqrt(immunizations_lifetime_cost)+Aspartate_amin
otransferase__Enzymatic_activity_volume__in_Serum,Plasma
1255 lifetime_care_plan_length>=1/2*medications_lifetime_length/Glucose
1256 lifetime_care_plan_length>=sqrt(medications_lifetime_dispenses)/Creatinine
1257 lifetime_care_plan_length>=sqrt(Microalbumin_Creatinine_Ratio)/QOLS
1258 lifetime_care_plan_length>=1/2*Body_Weight-
Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
1259 lifetime_care_plan_length>=(1/DXA__T_score__Bone_density)^Pain_severity___0
_10_verbal_numeric_rating__Score____Reported
1260 active_conditions<=lifetime_conditions
1261 active_conditions<=healthcare_expenses^DALY
1262 active_conditions<=2*ceil(Glomerular_filtration_rate_1_73_sq_M_predicted)
1263 active_conditions<=-Glucose+Triglycerides
1264 active_conditions<=(DALY+1)*Potassium
1265 active_conditions<=maximum(Respiratory_rate,Aspartate_aminotransferase__Enz
ymatic_activity_volume__in_Serum,Plasma)
1266 active_conditions<=Respiratory_rate+immunizations_lifetime_cost
1267 active_conditions<=Respiratory_rate+procedures_lifetime
1268 active_conditions<=Aspartate_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma+active_care_plans-1
1269
active_conditions<=maximum(Microalbumin_Creatinine_Ratio,Respiratory_rate+1)
1270 active_conditions<=DALY*Hemoglobin_A1c_Hemoglobin_total_in_Blood
1271 active_conditions<=(Glucose-1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
1272 active_conditions<=maximum(medications_lifetime,Calcium)
1273 active_conditions<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^Carbon
_Dioxide
1274 active_conditions<=log(Globulin__Mass_volume__in_Serum_by_calculation)*mean
_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1275 active_conditions<=-Body_Mass_Index+ceil(age)
1276 active_conditions<=DALY+1/2*encounters_count
1277 active_conditions<=medications_active^2+Respiratory_rate
1278 active_conditions<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Seru
m,Plasma^2/mean_Glucose
1279 active_conditions<=Body_Weight-active_care_plan_length+1
1280 active_conditions<=-Alanine_aminotransferase__Enzymatic_activity_volume__in

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_Serum,Plasma+Glucose-1
1281 active_conditions<=2*Alanine_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma/Potassium
1282 active_conditions<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Seru
m,Plasma^2/Low_Density_Lipoprotein_Cholesterol
1283 active_conditions<=e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*pro
cedures_lifetime
1284 active_conditions<=minimum(healthcare_expenses,ceil(Total_score__MMSE_))
1285 active_conditions>=num_allergies
1286 active_conditions>=-immunizations_lifetime_cost+medications_active+1
1287 active_conditions>=imaging_studies_lifetime^2
1288 active_conditions>=active_care_plans-1
1289 active_conditions>=QOLS
1290 active_conditions>=ceil(Albumin__Mass_volume__in_Serum,Plasma)
1291 active_conditions>=-active_care_plans+lifetime_conditions
1292 active_conditions>=(1/active_care_plans)
1293 active_conditions>=immunizations_lifetime*log(DALY)
1294 active_conditions>=minimum(lifetime_conditions,1/2*device_lifetime_length)
1295 active_conditions>=minimum(lifetime_care_plans,procedures_lifetime)
1296 active_conditions>=immunizations_lifetime-1
1297 active_conditions>=minimum(Prostate_specific_Ag__Mass_volume__in_Serum,Plas
ma,lifetime_conditions-1)
1298 active_conditions>=Pain_severity___0_10_verbal_numeric_rating__Score____Rep
orted-1
1299 active_conditions>=sqrt(procedures_lifetime)^mean_Bilirubin_total__Mass_vol
ume__in_Urine_by_Test_strip
1300 active_conditions>=ceil(Creatinine)-healthcare_coverage
1301 active_conditions>=ceil(sqrt(Aspartate_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma))
1302 active_conditions>=(medications_lifetime+1)/Chloride
1303 active_conditions>=lifetime_conditions-medications_lifetime
1304 active_conditions>=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)*lif
etime_conditions
1305 active_conditions>=2*floor(Globulin__Mass_volume__in_Serum_by_calculation)
1306 active_conditions>=2*Carbon_Dioxide/Microalbumin_Creatinine_Ratio
1307 active_conditions>=minimum(device_lifetime_length,lifetime_conditions-1)
1308 active_conditions>=num_allergies^2-lifetime_conditions
1309 active_conditions>=log(medications_lifetime_length)/log(10)-immunizations_l
ifetime_cost
1310 active_conditions>=(medications_lifetime+1)/mean_Glucose
1311 active_conditions>=active_care_plans-procedures_lifetime
1312 active_conditions>=lifetime_conditions*log(active_care_plans)/log(10)
1313 active_conditions>=lifetime_conditions-
mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported-1
1314
active_conditions>=active_care_plans^2/Albumin__Mass_volume__in_Serum,Plasma
1315
active_conditions>=log(Microalbumin_Creatinine_Ratio)*medications_active/log(10)

```

```

1316 active_conditions>=lifetime_conditions-medications_lifetime_length
1317 active_conditions>=-Potassium+lifetime_conditions+1
1318 active_conditions>=2*Glomerular_filtration_rate_1_73_sq_M_predicted/active_
care_plan_length
1319
active_conditions>=minimum(procedures_lifetime,log(medications_lifetime_length))
1320 active_conditions>=minimum(Hemoglobin__Mass_volume__in_Blood,floor(lifetime
_conditions))
1321 active_conditions>=1/2*encounters_count/Glomerular_filtration_rate_1_73_sq_
M_predicted
1322 active_conditions>=minimum(Platelet_distribution_width__Entitic_volume__in_
Blood_by_Automated_count,lifetime_conditions-1)
1323 active_conditions>=-Heart_rate+floor(active_condition_length)
1324 active_conditions>=minimum(lifetime_care_plans,lifetime_conditions-1)
1325 active_conditions>=sqrt(encounters_count)^Bilirubin_total__Mass_volume__in_
Serum,Plasma
1326 active_conditions>=(encounters_count+1)/QALY
1327 active_conditions>=floor(Albumin__Mass_volume__in_Serum,Plasma)*immunizatio
ns_lifetime
1328 active_conditions>=-Diastolic_Blood_Pressure+floor(age)
1329 active_conditions>=minimum(Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma,procedures_lifetime+1)
1330 active_conditions>=minimum(device_lifetime_length,2*active_care_plans)
1331 active_conditions>=-immunizations_lifetime_cost+procedures_lifetime
1332
active_conditions>=-encounters_lifetime_payer_coverage+lifetime_conditions-1
1333
active_conditions>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+2*active_care_plans
1334 active_conditions>=lifetime_conditions-medications_active-1
1335 active_conditions>=DALY^2/mean_Alkaline_phosphatase__Enzymatic_activity_vol
ume__in_Serum,Plasma
1336 active_conditions>=minimum(Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count,floor(lifetime_conditions))
1337 active_conditions>=lifetime_care_plans^2/Erythrocytes___volume__in_Blood_b
y_Automated_count
1338
active_conditions>=ceil(log(Glomerular_filtration_rate_1_73_sq_M_predicted))
1339 active_conditions>=-Albumin__Mass_volume__in_Serum,Plasma+1/2*DALY
1340 active_conditions>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Ser
um,Plasma+ceil(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Pla
sma)
1341 active_conditions>=2*DALY-age
1342 active_conditions>=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)-immuniza
tions_lifetime_cost
1343 active_conditions>=(medications_active-1)^QOLS
1344 active_conditions>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,lifetim
e_conditions-1)
1345 active_conditions>=Aspartate_aminotransferase__Enzymatic_activity_volume__i

```

```

n_Serum,Plasma^2/Body_Height
1346 active_conditions>=2*lifetime_condition_length/Systolic_Blood_Pressure
1347 active_conditions>=(-num_allergies)^lifetime_care_plans
1348
active_conditions>=e^active_care_plans/Protein__Mass_volume__in_Serum,Plasma
1349 active_conditions>=2*active_care_plan_length-mean_Sodium
1350 active_conditions>=lifetime_conditions*log(Hemoglobin_A1c_Hemoglobin_total_
in_Blood)/log(10)
1351 active_conditions>=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood/mean_Estimate
d_Glomerular_Filtration_Rate
1352 active_conditions>=minimum(lifetime_conditions,immunizations_lifetime^2)
1353 active_conditions>=2*lifetime_condition_length/Chloride
1354 active_conditions>=-immunizations_lifetime_cost+log(medications_lifetime)
1355 active_conditions>=log(medications_lifetime_cost)/encounters_count
1356 active_conditions>=-Body_Mass_Index+2*Respiratory_rate
1357
active_conditions>=2*DALY/Erythrocytes___volume__in_Blood_by_Automated_count
1358 active_conditions>=-Body_Height+Systolic_Blood_Pressure-1
1359 active_conditions>=active_care_plans*log(Estimated_Glomerular_Filtration_Ra
te)/log(10)
1360 active_conditions>=floor(Creatinine)^immunizations_lifetime
1361 active_conditions>=(1/2*Microalbumin_Creatinine_Ratio)^encounters_lifetime_
perc_covered
1362 active_conditions>=log(NT_proBNP)^imaging_studies_lifetime
1363 lifetime_conditions<=active_care_plans+active_conditions
1364 lifetime_conditions<=2*active_conditions
1365 lifetime_conditions<=ceil(active_condition_length)
1366 lifetime_conditions<=active_care_plans+encounters_count
1367 lifetime_conditions<=active_conditions+medications_active+1
1368 lifetime_conditions<=(Platelet_distribution_width__Entitic_volume__in_Blood
_by_Automated_count-1)/Hemoglobin__Mass_volume__in_Blood
1369 lifetime_conditions<=floor(mean_Aspartate_aminotransferase__Enzymatic_activ
ity_volume__in_Serum,Plasma)
1370 lifetime_conditions<=maximum(active_care_plan_length,active_conditions)
1371 lifetime_conditions<=Carbon_Dioxide-2
1372 lifetime_conditions<=floor(Albumin__Mass_volume__in_Serum,Plasma^2)
1373 lifetime_conditions<=active_conditions+floor(Prostate_specific_Ag__Mass_vol
ume__in_Serum,Plasma)
1374 lifetime_conditions<=active_conditions/medications_lifetime_perc_covered
1375 lifetime_conditions<=Respiratory_rate+active_care_plans
1376 lifetime_conditions<=(1/encounters_lifetime_perc_covered)^active_conditions
1377 lifetime_conditions<=Aspartate_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma+lifetime_care_plans
1378 lifetime_conditions<=1/2*lifetime_care_plan_length/Prostate_specific_Ag__Ma
ss_volume__in_Serum,Plasma
1379 lifetime_conditions<=maximum(active_conditions,e^lifetime_care_plans)
1380 lifetime_conditions<=Globulin__Mass_volume__in_Serum_by_calculation^4
1381 lifetime_conditions<=maximum(active_conditions,encounters_count)

```

```

1382 lifetime_conditions<=(encounters_count-1)/imaging_studies_lifetime
1383 lifetime_conditions<=maximum(active_conditions,medications_lifetime+1)
1384 lifetime_conditions<=maximum(active_conditions,encounters_count-1)
1385 lifetime_conditions<=active_conditions+medications_lifetime
1386 lifetime_conditions<=ceil(Globulin__Mass_volume__in_Serum_by_calculation)^a
ctive_care_plans
1387 lifetime_conditions<=Potassium+active_conditions-1
1388 lifetime_conditions<=-Estimated_Glomerular_Filtration_Rate+ceil(lifetime_co
ndition_length)
1389 lifetime_conditions<=-Glomerular_filtration_rate_1_73_sq_M_predicted+2*QALY
1390 lifetime_conditions<=Globulin__Mass_volume__in_Serum_by_calculation+log(hea
lthcare_expenses)
1391 lifetime_conditions<=10^healthcare_coverage+active_conditions
1392 lifetime_conditions<=maximum(medications_lifetime,active_conditions+1)
1393 lifetime_conditions<=Respiratory_rate+procedures_lifetime_cost-1
1394 lifetime_conditions<=Erythrocytes___volume__in_Blood_by_Automated_count+me
an_Urea_Nitrogen
1395 lifetime_conditions<=-Heart_rate+Triglycerides-1
1396 lifetime_conditions<=active_conditions+log(latitude)
1397 lifetime_conditions<=active_conditions+floor(Globulin__Mass_volume__in_Seru
m_by_calculation)
1398 lifetime_conditions<=Respiratory_rate+floor(Prostate_specific_Ag__Mass_volu
me__in_Serum,Plasma)
1399 lifetime_conditions<=-Low_Density_Lipoprotein_Cholesterol+Total_Cholesterol
1400 lifetime_conditions<=Protein__Mass_volume__in_Serum,Plasma*encounters_lifet
ime_perc_covered
1401 lifetime_conditions<=2*active_care_plans+healthcare_coverage
1402 lifetime_conditions<=maximum(Respiratory_rate,Glomerular_filtration_rate_1_
73_sq_M_predicted)
1403 lifetime_conditions<=1/imaging_studies_lifetime+mean_Respiratory_rate
1404 lifetime_conditions<=log(Alkaline_phosphatase__Enzymatic_activity_volume__i
n_Serum,Plasma)/log(10)+active_conditions
1405 lifetime_conditions<=10^(10^mean_Pain_severity___0_10_verbal_numeric_rating
__Score___Reported)
1406 lifetime_conditions<=maximum(Sodium,2*Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma)
1407
lifetime_conditions<=DALY+log(Platelets___volume__in_Blood_by_Automated_count)
1408 lifetime_conditions<=floor(Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count)/QOLS
1409 lifetime_conditions<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*Leukocytes___
_volume__in_Blood_by_Automated_count
1410 lifetime_conditions<=procedures_lifetime^2+Respiratory_rate
1411 lifetime_conditions<=minimum(Platelet_distribution_width__Entitic_volume__i
n_Blood_by_Automated_count,floor(pH_of_Urine_by_Test_strip))
1412 lifetime_conditions<=floor(Microalbumin_Creatinine_Ratio)+procedures_lifeti
me_cost
1413 lifetime_conditions<=maximum(active_conditions,Potassium^2)

```



```

1414 lifetime_conditions<=-Calcium+2*Respiratory_rate
1415 lifetime_conditions<=active_conditions+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported+1
1416 lifetime_conditions<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)+immunizations_lifetime_cost
1417 lifetime_conditions<=2*active_conditions*mean_Creatinine
1418 lifetime_conditions<=maximum(active_conditions,1/2*active_condition_length)
1419 lifetime_conditions<=log(lifetime_condition_length)^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
1420 lifetime_conditions<=(QOLS+1)*active_conditions
1421 lifetime_conditions<=1/2*Respiratory_rate*active_care_plans
1422
lifetime_conditions<=lifetime_care_plans^2+encounters_lifetime_payer_coverage
1423
lifetime_conditions<=1/2*encounters_lifetime_total_cost/medications_lifetime
1424 lifetime_conditions<=-Globulin__Mass_volume__in_Serum_by_calculation+1/2*active_care_plan_length
1425
lifetime_conditions<=active_conditions^2/Albumin__Mass_volume__in_Serum,Plasma
1426
lifetime_conditions<=10^encounters_lifetime_payer_coverage+medications_lifetime
1427 lifetime_conditions<=active_conditions/medications_lifetime_perc_covered
1428 lifetime_conditions<=maximum(active_conditions,medications_lifetime^2)
1429 lifetime_conditions<=2*medications_lifetime_dispenses/Glomerular_filtration_rate_1_73_sq_M_predicted
1430 lifetime_conditions<=10^medications_active/num_allergies
1431 lifetime_conditions<=10^medications_active*mean_Urea_Nitrogen
1432 lifetime_conditions<=Respiratory_rate+2*medications_active
1433 lifetime_conditions<=Carbon_Dioxide^2/device_lifetime_length
1434 lifetime_conditions<=10^Pain_severity___0_10_verbal_numeric_rating__Score____Reported+active_conditions
1435
lifetime_conditions<=maximum(Sodium,log(High_Density_Lipoprotein_Cholesterol))
1436 lifetime_conditions<=e^Globulin__Mass_volume__in_Serum_by_calculation+procedures_lifetime_cost
1437 lifetime_conditions<=sqrt(Sodium)+Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
1438 lifetime_conditions<=sqrt(Potassium)^mean_Potassium
1439 lifetime_conditions<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood/medications_lifetime_perc_covered
1440 lifetime_conditions<=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)+active_conditions
1441 lifetime_conditions>=num_allergies
1442 lifetime_conditions>=active_conditions
1443 lifetime_conditions>=1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
1444 lifetime_conditions>=active_care_plans-healthcare_coverage
1445 lifetime_conditions>=(1/2*Globulin__Mass_volume__in_Serum_by_calculation)^mean_Creatinine

```

```

1446 lifetime_conditions>=imaging_studies_lifetime^2/Creatinine
1447 lifetime_conditions>=-Diastolic_Blood_Pressure+ceil(Estimated_Glomerular_Filtration_Rate)
1448 lifetime_conditions>=QOLS/Bilirubin_total__Mass_volume__in_Serum,Plasma
1449 lifetime_conditions>=sqrt(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)-immunizations_lifetime
1450 lifetime_conditions>=-Body_Height+Systolic_Blood_Pressure+1
1451 lifetime_conditions>=Creatinine/DALY
1452
lifetime_conditions>=(DALY-1)/Globulin__Mass_volume__in_Serum_by_calculation
1453 lifetime_conditions>=num_allergies^2-active_conditions
1454 lifetime_conditions>=High_Density_Lipoprotein_Cholesterol+floor(longitude)
1455 lifetime_conditions>=minimum(Urea_Nitrogen,floor(medications_active))
1456 lifetime_conditions>=log(active_care_plans)^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
1457 lifetime_conditions>=(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Bilirubin_total__Mass_volume__in_Serum,Plasma
1458 lifetime_conditions>=log(Estimated_Glomerular_Filtration_Rate)+medications_active
1459 lifetime_conditions>=minimum(Urea_Nitrogen,floor(procedures_lifetime))
1460
lifetime_conditions>=(procedures_lifetime_cost+1)^DXA__T_score__Bone_density
1461 lifetime_conditions>=2*Body_Mass_Index-Protein__Mass_volume__in_Serum,Plasma
1462 lifetime_conditions>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+1
1463 active_condition_length<=maximum(QALY,e^DALY)
1464 active_condition_length<=lifetime_condition_length
1465 active_condition_length<=ceil(latitude)/encounters_lifetime_perc_covered
1466 active_condition_length<=1/2*Bilirubin_total__Mass_volume__in_Serum,Plasma+Body_Weight
1467 active_condition_length<=Body_Height-Heart_rate-1
1468 active_condition_length<=1/2*Triglycerides+encounters_count
1469 active_condition_length<=2*High_Density_Lipoprotein_Cholesterol-mean_Urea_Nitrogen
1470 active_condition_length<=maximum(Protein__Mass_volume__in_Serum,Plasma,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
1471 active_condition_length<=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-medications_active
1472 active_condition_length<=MCHC__Mass_volume__by_Automated_count^2/Hemoglobin__Mass_volume__in_Blood
1473 active_condition_length<=Microalbumin_Creatinine_Ratio*sqrt(medications_lifetime)
1474 active_condition_length<=Carbon_Dioxide*ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
1475 active_condition_length<=High_Density_Lipoprotein_Cholesterol*e^QOLS
1476 active_condition_length<=ceil(Carbon_Dioxide)+mean_High_Density_Lipoprotein

```

_Cholesterol

1477 active_condition_length<=(Aspartate_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma-1)*active_conditions
1478 active_condition_length<=Carbon_Dioxide*floor(Potassium)
1479 active_condition_length<=active_care_plan_length+healthcare_coverage
1480 active_condition_length<=DALY^2+Microalbumin_Creatinine_Ratio
1481 active_condition_length<=lifetime_care_plan_length*log(Hemoglobin_A1c_Hemog
lobin_total_in_Blood)
1482 active_condition_length<=age-num_allergies+1
1483 active_condition_length<=ceil(Glomerular_filtration_rate_1_73_sq_M_predicte
d)+latitude
1484 active_condition_length<=MCV__Entitic_volume__by_Automated_count^2/Diastoli
c_Blood_Pressure
1485 active_condition_length<=-Hematocrit__Volume_Fraction__of_Blood_by_Automate
d_count+Systolic_Blood_Pressure
1486 active_condition_length<=active_care_plan_length^Respiratory_rate
1487 active_condition_length<=active_care_plan_length*floor(Prostate_specific_Ag
__Mass_volume__in_Serum,Plasma)
1488 active_condition_length<=maximum(lifetime_care_plan_length,10^DALY)
1489 active_condition_length<=-active_conditions+lifetime_condition_length+1
1490 active_condition_length<=maximum(lifetime_care_plan_length,Prostate_specifi
c_Ag__Mass_volume__in_Serum,Plasma)
1491 active_condition_length<=-Globulin__Mass_volume__in_Serum_by_calculation+1/
2*lifetime_condition_length
1492 active_condition_length<=immunizations_lifetime_cost-longitude-1
1493 active_condition_length<=sqrt(medications_lifetime_cost)-mean_High_Density_
Lipoprotein_Cholesterol
1494 active_condition_length<=sqrt(Estimated_Glomerular_Filtration_Rate)+medicat
ions_lifetime
1495 active_condition_length<=encounters_lifetime_payer_coverage+floor(lifetime_
care_plan_length)
1496 active_condition_length<=maximum(encounters_count,Heart_rate)
1497 active_condition_length<=maximum(active_care_plan_length,2*QALY)
1498 active_condition_length<=1/2*QALY*mean_Potassium
1499 active_condition_length<=QALY+encounters_count
1500 active_condition_length<=QALY+mean_Microalbumin_Creatinine_Ratio+1
1501 active_condition_length<=10^active_care_plans/num_allergies
1502 active_condition_length<=sqrt(healthcare_expenses)/medications_active
1503 active_condition_length<=maximum(Sodium,mean_Heart_rate)
1504 active_condition_length<=e^Albumin__Mass_volume__in_Serum,Plasma+mean_Aspar
tate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1505 active_condition_length<=1/2*Hematocrit__Volume_Fraction__of_Blood_by_Autom
ated_count+QALY
1506 active_condition_length<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_Re
spiratory_rate
1507 active_condition_length<=e^Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count/Body_Height
1508 active_condition_length<=e^Calcium/mean_Diastolic_Blood_Pressure

```

1509 active_condition_length<=-Microalbumin_Creatinine_Ratio+1/2*medications_lifetime_dispenses
1510 active_condition_length<=2*Body_Height/Erythrocytes___volume__in_Blood_by_Automated_count
1511 active_condition_length<=maximum(Sodium,-longitude)
1512 active_condition_length<=-Hemoglobin__Mass_volume__in_Blood+floor(Glucose)
1513 active_condition_length<=(Albumin__Mass_volume__in_Serum,Plasma-1)*mean_Carbon_Dioxide
1514 active_condition_length<=Protein__Mass_volume__in_Serum,Plasma+log(lifetime_care_plan_length)
1515 active_condition_length<=maximum(Protein__Mass_volume__in_Serum,Plasma,e^Albumin__Mass_volume__in_Serum,Plasma)
1516 active_condition_length<=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+2*QALY
1517 active_condition_length<=DALY+Heart_rate+1
1518 active_condition_length<=Glucose+log(Bilirubin_total__Mass_volume__in_Serum,Plasma)
1519 active_condition_length<=Triglycerides^2/lifetime_care_plan_length
1520 active_condition_length<=active_care_plan_length*log(Urea_Nitrogen)
1521 active_condition_length<=DALY^2+mean_Estimated_Glomerular_Filtration_Rate
1522 active_condition_length<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+floor(age)
1523 active_condition_length<=latitude+mean_Glomerular_filtration_rate_1_73_sq_M_predicted+1
1524 active_condition_length<=maximum(active_care_plan_length,10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
1525 active_condition_length<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2*medications_lifetime
1526 active_condition_length<=(Platelets___volume__in_Blood_by_Automated_count-1)*encounters_lifetime_perc_covered
1527 active_condition_length<=Systolic_Blood_Pressure^2/Triglycerides
1528 active_condition_length<=sqrt(Diastolic_Blood_Pressure)*encounters_count
1529 active_condition_length<=1/2*DALY*mean_Microalbumin_Creatinine_Ratio
1530 active_condition_length<=maximum(encounters_count,age-1)
1531 active_condition_length<=maximum(Sodium,log(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)/log(10))
1532 active_condition_length<=-Albumin__Mass_volume__in_Serum,Plasma+2*active_care_plan_length
1533 active_condition_length<=maximum(active_care_plan_length,sqrt(healthcare_coverage))
1534 active_condition_length<=log(lifetime_care_plan_length)/log(10)+Glucose
1535 active_condition_length<=maximum(Triglycerides,age-1)
1536 active_condition_length<=1/2*Chloride*active_care_plans
1537 active_condition_length<=10^Albumin__Mass_volume__in_Serum,Plasma/Glomerular_filtration_rate_1_73_sq_M_predicted
1538 active_condition_length<=maximum(Sodium,floor(Heart_rate))
1539 active_condition_length<=2*active_care_plan_length+mean_Calcium
1540 active_condition_length<=maximum(QALY,e^active_conditions)

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1541 active_condition_length<=maximum(QALY,1/2*lifetime_condition_length)
1542 active_condition_length<=e^Creatinine*latitude
1543 active_condition_length<=maximum(encounters_count,1/2*Sodium)
1544 active_condition_length<=sqrt(QALY)^Globulin__Mass_volume__in_Serum_by_calc
ulation
1545 active_condition_length<=10^immunizations_lifetime+Heart_rate
1546
active_condition_length<=1/2*Systolic_Blood_Pressure+immunizations_lifetime_cost
1547 active_condition_length<=medications_lifetime^2+QALY
1548
active_condition_length<=2*medications_lifetime_dispenses/device_lifetime_length
1549 active_condition_length<=2*Calcium*Potassium
1550 active_condition_length>=lifetime_condition_length/lifetime_conditions
1551 active_condition_length>=device_lifetime_length
1552 active_condition_length>=log(DALY)*mean_Calcium
1553 active_condition_length>=1/2*active_care_plan_length/Creatinine
1554 active_condition_length>=-Protein__Mass_volume__in_Serum,Plasma+1/2*Triglyc
erides
1555 active_condition_length>=(lifetime_condition_length+1)/encounters_count
1556 active_condition_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
^2+active_care_plans
1557 active_condition_length>=latitude+log(device_lifetime_length)
1558
active_condition_length>=minimum(active_care_plan_length,procedures_lifetime^2)
1559 active_condition_length>=active_care_plan_length-
encounters_lifetime_payer_coverage
1560 active_condition_length>=2*active_conditions/Creatinine
1561 active_condition_length>=2*Creatinine+MCH__Entitic_mass__by_Automated_count
1562 active_condition_length>=(1/2*Heart_rate)^medications_lifetime_perc_covered
1563 active_condition_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-procedu
res_lifetime_cost
1564 active_condition_length>=-Albumin__Mass_volume__in_Serum,Plasma+active_care
_plan_length
1565 active_condition_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
+1/2*active_care_plan_length
1566 active_condition_length>=Potassium+Urea_Nitrogen
1567 active_condition_length>=floor(Alanine_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma)-immunizations_lifetime_cost
1568 active_condition_length>=Body_Mass_Index-procedures_lifetime_cost+1
1569 active_condition_length>=(High_Density_Lipoprotein_Cholesterol-1)/mean_Hemo
globin_A1c_Hemoglobin_total_in_Blood
1570 active_condition_length>=ceil(Alkaline_phosphatase__Enzymatic_activity_volu
me__in_Serum,Plasma)-mean_Chloride
1571 active_condition_length>=mean_Urea_Nitrogen*sqrt(medications_active)
1572 active_condition_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood/Bilirubin
_total__Mass_volume__in_Serum,Plasma
1573 active_condition_length>=(Respiratory_rate+1)*imaging_studies_lifetime
1574 active_condition_length>=-Systolic_Blood_Pressure+mean_Glucose

```

1575 $\text{active_condition_length} \geq 2 * \text{Prostate_specific_Ag_Mass_volume_in_Serum, Plasma} * \text{procedures_lifetime}$
 1576 $\text{active_condition_length} \geq \text{immunizations_lifetime_cost} / \text{mean_Carbon_Dioxide}$
 1577 $\text{active_condition_length} \geq \text{active_care_plan_length} - \text{healthcare_coverage}$
 1578 $\text{active_condition_length} \geq (\text{active_care_plan_length} + 1) * \text{medications_lifetime_perc_covered}$
 1579 $\text{active_condition_length} \geq (\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} - 1) * \text{Leukocytes_volume_in_Blood_by_Automated_count}$
 1580 $\text{active_condition_length} \geq -\text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma} + \text{age} - 1$
 1581 $\text{active_condition_length} \geq (\text{medications_lifetime} + 1) / \text{mean_Carbon_Dioxide}$
 1582 $\text{active_condition_length} \geq -\text{Systolic_Blood_Pressure} + 1/2 * \text{lifetime_care_plan_length}$
 1583 $\text{active_condition_length} \geq 2 * \text{DALY} - \text{immunizations_lifetime_cost}$
 1584 $\text{active_condition_length} \geq (\text{High_Density_Lipoprotein_Cholesterol} - 1) * \text{Bilirubin_total_Mass_volume_in_Serum, Plasma}$
 1585 $\text{active_condition_length} \geq 2 * \text{Body_Mass_Index} - \text{Glomerular_filtration_rate_1_73_sq_M_predicted}$
 1586 $\text{active_condition_length} \geq -\text{Sodium} + \text{mean_Systolic_Blood_Pressure}$
 1587 $\text{active_condition_length} \geq \text{active_care_plan_length}^2 / \text{Protein_Mass_volume_in_Serum, Plasma}$
 1588 $\text{active_condition_length} \geq \text{minimum}(\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma}, \text{abs}(\text{active_care_plan_length}))$
 1589 $\text{active_condition_length} \geq \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}^{\wedge} \text{mean_Weight_difference_Mass_difference_pre_dialysis_post_dialysis}$
 1590 $\text{active_condition_length} \geq (\text{QOLS} + 1) * \text{DALY}$
 1591 $\text{active_condition_length} \geq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} * \text{lifetime_care_plans}$
 1592 $\text{active_condition_length} \geq \text{medications_active}^2 - \text{Hemoglobin_Mass_volume_in_Blood}$
 1593 $\text{active_condition_length} \geq \text{Low_Density_Lipoprotein_Cholesterol} * \log(\text{num_allergies}) / \log(10)$
 1594 $\text{active_condition_length} \geq \text{device_lifetime_length}^2 / \text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count}$
 1595 $\text{active_condition_length} \geq 1/2 * \text{medications_lifetime_dispenses} / \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma}$
 1596 $\text{active_condition_length} \geq (\text{Urea_Nitrogen} - 1) / \text{DALY}$
 1597 $\text{active_condition_length} \geq \text{MCH_Entitic_mass_by_Automated_count}^2 / \text{mean_Carbon_Dioxide}$
 1598 $\text{active_condition_length} \geq \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma} - \text{procedures_lifetime_cost} + 1$
 1599 $\text{active_condition_length} \geq \text{maximum}(\text{Left_ventricular_Ejection_fraction}, \text{mean_Calcium})$
 1600 $\text{active_condition_length} \geq \log(\text{Microalbumin_Creatinine_Ratio}) * \text{mean_Potassium}$
 1601 $\text{active_condition_length} \geq \text{floor}(\text{lifetime_condition_length}) / \text{active_conditions}$
 1602 $\text{active_condition_length} \geq \text{sqrt}(\text{Sodium}) + \text{active_conditions}$
 1603 $\text{active_condition_length} \geq -\text{active_care_plan_length} + 1/2 * \text{age}$

1604 $\text{active_condition_length} \geq \sqrt{\text{encounters_lifetime_payer_coverage}}^{\text{medications_lifetime_perc_covered}}$
 1605 $\text{active_condition_length} \geq \text{Prostate_specific_Ag_Mass_volume_in_Serum,Plasma} * \sqrt{\text{active_care_plan_length}}$
 1606 $\text{active_condition_length} \geq 1/2 * \text{active_care_plan_length} - \text{immunizations_lifetime_cost}$
 1607 $\text{active_condition_length} \geq \text{lifetime_care_plans}^2 + \text{Bilirubin_total_Mass_volume_in_Serum,Plasma}$
 1608 $\text{active_condition_length} \geq 2 * \text{active_care_plan_length} / \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}$
 1609 $\text{active_condition_length} \geq -\text{Glucose} + 2 * \text{active_care_plan_length}$
 1610 $\text{active_condition_length} \geq 2 * \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma} - \text{medications_lifetime}$
 1611 $\text{active_condition_length} \geq \text{DALY}^2 / \text{latitude}$
 1612
 $\text{active_condition_length} \geq -\text{Body_Weight} + e^{\text{Albumin_Mass_volume_in_Serum,Plasma}}$
 1613 $\text{active_condition_length} \geq (1 / \text{Creatinine})^{\text{Leukocytes_volume_in_Blood_by_Automated_count}}$
 1614
 $\text{active_condition_length} \geq \sqrt{\text{encounters_lifetime_total_cost}} - \text{Total_Cholesterol}$
 1615 $\text{active_condition_length} \geq \sqrt{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}}^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}}$
 1616 $\text{active_condition_length} \geq -\text{immunizations_lifetime_cost} + \log(\text{medications_lifetime_cost})$
 1617 $\text{active_condition_length} \geq (2 * \text{medications_lifetime_perc_covered})^{\text{medications_active}}$
 1618 $\text{active_condition_length} \geq \sqrt{\text{medications_lifetime_length}} - \text{Body_Weight}$
 1619 $\text{active_condition_length} \geq e^{\text{medications_active}} / \text{Estimated_Glomerular_Filtration_Rate}$
 1620 $\text{active_condition_length} \geq \text{minimum}(\text{procedures_lifetime}, 1/2 * \text{Glucose})$
 1621 $\text{active_condition_length} \geq (\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma} + 1)^{\text{Bilirubin_total_Mass_volume_in_Serum,Plasma}}$
 1622 $\text{active_condition_length} \geq (2 * \text{Body_temperature})^{\text{immunizations_lifetime}}$
 1623 $\text{lifetime_condition_length} \leq 1/2 * \text{encounters_lifetime_total_cost} - \text{latitude}$
 1624 $\text{lifetime_condition_length} \leq \text{latitude}^2 / \text{num_allergies}$
 1625 $\text{lifetime_condition_length} \leq \text{Body_Height} * \sqrt{\text{Carbon_Dioxide}}$
 1626 $\text{lifetime_condition_length} \leq \text{active_condition_length} * \text{lifetime_conditions}$
 1627 $\text{lifetime_condition_length} \leq 1/2 * \text{encounters_lifetime_total_cost} - \text{lifetime_care_plan_length}$
 1628 $\text{lifetime_condition_length} \leq \text{ceil}(\text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count}) * \text{mean_Respiratory_rate}$
 1629 $\text{lifetime_condition_length} \leq \sqrt{\text{Glomerular_filtration_rate_1_73_sq_M_predicted}} * \text{Sodium}$
 1630 $\text{lifetime_condition_length} \leq \text{High_Density_Lipoprotein_Cholesterol} * e^{\text{DALY}}$
 1631 $\text{lifetime_condition_length} \leq \sqrt{\text{medications_lifetime_cost}} + \text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma}$
 1632 $\text{lifetime_condition_length} \leq (\text{MCV_Entitic_volume_by_Automated_count})^2^{\text{Creatinine}}$

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1633 lifetime_condition_length<=Erythrocyte_distribution_width__Entitic_volume__
by_Automated_count+1/2*medications_lifetime_dispenses
1634
lifetime_condition_length<=(healthcare_expenses-1)/immunizations_lifetime_cost
1635 lifetime_condition_length<=Diastolic_Blood_Pressure*sqrt(lifetime_care_plan
_length)
1636 lifetime_condition_length<=encounters_count^2+Glomerular_filtration_rate_1_
73_sq_M_predicted
1637 lifetime_condition_length<=(1/2*Albumin__Mass_volume__in_Serum,Plasma)^mean
_Urea_Nitrogen
1638 lifetime_condition_length<=1/2*healthcare_expenses/Low_Density_Lipoprotein_
Cholesterol
1639 lifetime_condition_length<=-Alanine_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma+medications_lifetime_dispenses-1
1640 lifetime_condition_length<=(Microalbumin_Creatinine_Ratio-1)*Low_Density_Li
poprotein_Cholesterol
1641 lifetime_condition_length<=Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma*e^Albumin__Mass_volume__in_Serum,Plasma
1642
lifetime_condition_length<=Sodium*ceil(Albumin__Mass_volume__in_Serum,Plasma)
1643 lifetime_condition_length<=(Respiratory_rate-1)*active_condition_length
1644 lifetime_condition_length<=(Systolic_Blood_Pressure+1)*Leukocytes___volume
__in_Blood_by_Automated_count
1645 lifetime_condition_length<=ceil(active_condition_length)^active_conditions
1646 lifetime_condition_length<=1/2*Systolic_Blood_Pressure*active_conditions
1647 lifetime_condition_length<=2*Body_Mass_Index*active_conditions
1648 lifetime_condition_length<=1/2*Chloride*active_conditions
1649
lifetime_condition_length<=-Total_Cholesterol+2*medications_lifetime_dispenses
1650 lifetime_condition_length<=e^Globulin__Mass_volume__in_Serum_by_calculation
*mean_High_Density_Lipoprotein_Cholesterol
1651 lifetime_condition_length<=(High_Density_Lipoprotein_Cholesterol-1)*medicat
ions_lifetime
1652 lifetime_condition_length<=Protein__Mass_volume__in_Serum,Plasma^2-medicati
ons_lifetime_dispenses
1653 lifetime_condition_length<=floor(Aspartate_aminotransferase__Enzymatic_acti
vity_volume__in_Serum,Plasma)*mean_High_Density_Lipoprotein_Cholesterol
1654 lifetime_condition_length<=log(Triglycerides)*mean_Triglycerides
1655 lifetime_condition_length<=(log(latitude)/log(10))^mean_Respiratory_rate
1656 lifetime_condition_length<=2*Diastolic_Blood_Pressure*Prostate_specific_Ag_
_Mass_volume__in_Serum,Plasma
1657 lifetime_condition_length<=Prostate_specific_Ag__Mass_volume__in_Serum,Plas
ma^2*Systolic_Blood_Pressure
1658 lifetime_condition_length<=Alkaline_phosphatase__Enzymatic_activity_volume_
_in_Serum,Plasma^2/device_lifetime_length
1659
lifetime_condition_length<=maximum(medications_lifetime_dispenses,2*Chloride)
1660 lifetime_condition_length<=sqrt(healthcare_expenses)-Erythrocyte_distributi

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on_width__Entitic_volume__by_Automated_count
1661 lifetime_condition_length<=2*Prostate_specific_Ag__Mass_volume__in_Serum,Pl
asma+medications_lifetime_length
1662 lifetime_condition_length<=active_conditions*ceil(active_condition_length)
1663 lifetime_condition_length<=Platelets___volume__in_Blood_by_Automated_count
+procedures_lifetime_cost-1
1664 lifetime_condition_length<=2*Platelet_distribution_width__Entitic_volume__i
n_Blood_by_Automated_count+mean_Chloride
1665 lifetime_condition_length<=active_conditions*floor(Hematocrit__Volume_Fract
ion__of_Blood_by_Automated_count)
1666 lifetime_condition_length<=10^DALY+Chloride
1667 lifetime_condition_length<=(e^MCH__Entitic_mass__by_Automated_count)^QOLS
1668 lifetime_condition_length<=(1/2*Body_Mass_Index)^Hemoglobin_A1c_Hemoglobin_
total_in_Blood
1669 lifetime_condition_length<=sqrt(Estimated_Glomerular_Filtration_Rate)*encou
nters_count
1670 lifetime_condition_length<=(2*Chloride)^active_care_plans
1671 lifetime_condition_length<=2*active_care_plans*mean_Systolic_Blood_Pressure
1672 lifetime_condition_length<=sqrt(Alkaline_phosphatase__Enzymatic_activity_vo
lume__in_Serum,Plasma)*lifetime_care_plan_length
1673 lifetime_condition_length<=Estimated_Glomerular_Filtration_Rate^2/imaging_s
tudies_lifetime
1674 lifetime_condition_length<=(encounters_count-1)*MCH__Entitic_mass__by_Autom
ated_count
1675 lifetime_condition_length<=1/2*encounters_lifetime_total_cost/immunizations
_lifetime
1676
lifetime_condition_length<=(log(medications_lifetime_cost)/log(10))^Potassium
1677 lifetime_condition_length<=minimum(healthcare_expenses,FEV1_FVC^2)
1678 lifetime_condition_length<=(DALY+1)*age
1679 lifetime_condition_length<=Body_Height^2/device_lifetime_length
1680 lifetime_condition_length<=active_care_plan_length^2/Globulin__Mass_volume_
_in_Serum_by_calculation
1681 lifetime_condition_length<=1/2*QOLS*encounters_lifetime_total_cost
1682 lifetime_condition_length<=2*Glucose+healthcare_coverage
1683 lifetime_condition_length<=Systolic_Blood_Pressure+e^active_conditions
1684 lifetime_condition_length<=Protein__Mass_volume__in_Serum,Plasma+e^active_c
onditions
1685 lifetime_condition_length<=(e^QOLS)^mean_Aspartate_aminotransferase__Enzyma
tic_activity_volume__in_Serum,Plasma
1686
lifetime_condition_length<=(2^DALY)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
1687 lifetime_condition_length<=sqrt(DALY)*mean_Total_Cholesterol
1688 lifetime_condition_length<=(log(Respiratory_rate)/log(10))^Heart_rate
1689 lifetime_condition_length<=log(Body_Height)^Potassium
1690 lifetime_condition_length<=active_care_plan_length*e^Hemoglobin_A1c_Hemoglo
bin_total_in_Blood
1691 lifetime_condition_length<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^

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mean_Calcium
1692 lifetime_condition_length<=Glucose^2/Calcium
1693 lifetime_condition_length<=Carbon_Dioxide^2+procedures_lifetime_cost
1694 lifetime_condition_length<=Carbon_Dioxide^2-Prostate_specific_Ag__Mass_volum
me__in_Serum,Plasma
1695 lifetime_condition_length<=log(Total_Cholesterol)^active_conditions
1696 lifetime_condition_length>=active_condition_length
1697
lifetime_condition_length>=minimum(Respiratory_rate,2*active_condition_length)
1698 lifetime_condition_length>=(encounters_lifetime_payer_coverage+1)/age
1699 lifetime_condition_length>=(Body_Height+1)/Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma
1700 lifetime_condition_length>=e^Potassium*imaging_studies_lifetime
1701 lifetime_condition_length>=1/2*medications_lifetime_length/Microalbumin_Cre
atinine_Ratio
1702 lifetime_condition_length>=mean_Glucose*medications_lifetime_perc_covered
1703 lifetime_condition_length>=active_care_plan_length*log(Microalbumin_Creatin
ine_Ratio)
1704 lifetime_condition_length>=1/4*DALY^2
1705 lifetime_condition_length>=active_conditions^2/Creatinine
1706 lifetime_condition_length>=lifetime_care_plan_length*log(Globulin__Mass_vol
ume__in_Serum_by_calculation)
1707
lifetime_condition_length>=-active_care_plan_length+lifetime_care_plan_length
1708 lifetime_condition_length>=-Carbon_Dioxide+Heart_rate
1709 lifetime_condition_length>=Bilirubin_total__Mass_volume__in_Serum,Plasma*flo
or(Sodium)
1710 lifetime_condition_length>=(Aspartate_aminotransferase__Enzymatic_activity_
volume__in_Serum,Plasma+1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
1711 lifetime_condition_length>=(2*active_condition_length)^medications_lifetime
_perc_covered
1712 lifetime_condition_length>=(medications_lifetime_length+1)/Glucose
1713 lifetime_condition_length>=sqrt(active_condition_length)^imaging_studies_li
fetime
1714 lifetime_condition_length>=active_condition_length*sqrt(num_allergies)
1715 lifetime_condition_length>=DALY*sqrt(active_condition_length)
1716 lifetime_condition_length>=Sodium-procedures_lifetime_cost+1
1717 lifetime_condition_length>=(DALY+1)/QOLS
1718 lifetime_condition_length>=(Microalbumin_Creatinine_Ratio^2)^encounters_lif
etime_perc_covered
1719 lifetime_condition_length>=sqrt(medications_lifetime_length)/Creatinine
1720 lifetime_condition_length>=active_conditions^2-num_allergies
1721 lifetime_condition_length>=floor(DALY)*mean_Calcium
1722 lifetime_condition_length>=active_condition_length+active_conditions-1
1723 lifetime_condition_length>=Body_Height+log(device_lifetime_length)
1724 lifetime_condition_length>=minimum(Microalbumin_Creatinine_Ratio,Respirator
y_rate^2)
1725 lifetime_condition_length>=medications_lifetime-procedures_lifetime_cost+1

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1726 lifetime_condition_length>=device_lifetime_length*floor(Platelet_mean_volum
e__Entitic_volume__in_Blood_by_Automated_count)
1727 lifetime_condition_length>=-encounters_lifetime_payer_coverage/longitude
1728
lifetime_condition_length>=2*encounters_count*medications_lifetime_perc_covered
1729 lifetime_condition_length>=1/2*encounters_lifetime_total_cost/mean_Alkaline
_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
1730 lifetime_condition_length>=-Body_Weight+floor(Triglycerides)
1731 lifetime_condition_length>=-Alkaline_phosphatase__Enzymatic_activity_volume
__in_Serum,Plasma+immunizations_lifetime_cost+1
1732 lifetime_condition_length>=sqrt(healthcare_expenses)/mean_Aspartate_aminotr
ansferase__Enzymatic_activity_volume__in_Serum,Plasma
1733 lifetime_condition_length>=10^Globulin__Mass_volume__in_Serum_by_calculatio
n/encounters_count
1734 lifetime_condition_length>=minimum(lifetime_care_plan_length,medications_li
fetime)
1735 lifetime_condition_length>=(2*medications_lifetime)^medications_lifetime_pe
rc_covered
1736 lifetime_condition_length>=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood-
mean_Estimated_Glomerular_Filtration_Rate
1737 lifetime_condition_length>=-Low_Density_Lipoprotein_Cholesterol+1/2*medicat
ions_lifetime
1738 lifetime_condition_length>=active_condition_length+medications_lifetime_per
c_covered
1739 lifetime_condition_length>=1/2*medications_lifetime_dispenses/Calcium
1740 lifetime_condition_length>=1/2*active_care_plan_length/Bilirubin_total__Mas
s_volume__in_Serum,Plasma
1741 lifetime_condition_length>=mean_Potassium*procedures_lifetime
1742
lifetime_condition_length>=lifetime_conditions^2-Microalbumin_Creatinine_Ratio
1743 lifetime_condition_length>=Protein__Mass_volume__in_Serum,Plasma-
encounters_lifetime_perc_covered-1
1744
lifetime_condition_length>=(num_allergies-1)*Low_Density_Lipoprotein_Cholesterol
1745 lifetime_condition_length>=Heart_rate-procedures_lifetime_cost+1
1746 lifetime_condition_length>=DALY^2/Hemoglobin_A1c_Hemoglobin_total_in_Blood
1747 lifetime_condition_length>=2*Bilirubin_total__Mass_volume__in_Serum,Plasma*
encounters_count
1748 lifetime_condition_length>=minimum(Sodium,e^DALY)
1749 lifetime_condition_length>=DALY*log(procedures_lifetime_cost)
1750 lifetime_condition_length>=sqrt(Albumin__Mass_volume__in_Serum,Plasma)^life
time_care_plans
1751 lifetime_condition_length>=Glucose+1/2*Prostate_specific_Ag__Mass_volume__i
n_Serum,Plasma
1752 lifetime_condition_length>=2*medications_lifetime_dispenses/Alanine_aminotr
ansferase__Enzymatic_activity_volume__in_Serum,Plasma
1753 lifetime_condition_length>=2*Protein__Mass_volume__in_Serum,Plasma/medicati
ons_active

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1754 lifetime_condition_length>=(active_care_plans-1)[^]Pain_severity___0_10_verba
l_numeric_rating_Score___Reported
1755 lifetime_condition_length>=active_condition_length*log(active_care_plans)
1756 lifetime_condition_length>=Chloride*log(device_lifetime_length)
1757 lifetime_condition_length>=e[^]lifetime_care_plans/Systolic_Blood_Pressure
1758 lifetime_condition_length>=2*encounters_count/mean_Creatinine
1759 lifetime_condition_length>=-age+lifetime_care_plan_length+1
1760 lifetime_condition_length>=log(device_lifetime_length)*mean_Chloride
1761 lifetime_condition_length>=lifetime_conditions[^]2-encounters_lifetime_payer_
coverage
1762 lifetime_condition_length>=lifetime_care_plan_length*log(device_lifetime_le
ngth)/log(10)
1763 lifetime_condition_length>=minimum(encounters_count,10[^]DALY)
1764 lifetime_condition_length>=10[^]Creatinine/Platelet_distribution_width__Entit
ic_volume__in_Blood_by_Automated_count
1765 lifetime_condition_length>=DALY*log(encounters_lifetime_payer_coverage)
1766 lifetime_condition_length>=(-Hemoglobin_A1c_Hemoglobin_total_in_Blood)[^]Crea
tinine
1767 lifetime_condition_length>=minimum(Body_Height,1/immunizations_lifetime)
1768 lifetime_condition_length>=Hemoglobin__Mass_volume__in_Blood[^]2-procedures_l
ifetime_cost
1769 lifetime_condition_length>=-MCH__Entitic_mass__by_Automated_count+1/2*medic
ations_lifetime
1770 lifetime_condition_length>=-mean_Low_Density_Lipoprotein_Cholesterol+1/2*me
dications_lifetime
1771 lifetime_condition_length>=(2*medications_lifetime)[^]Bilirubin_total__Mass_v
olume__in_Serum,Plasma
1772 lifetime_condition_length>=sqrt(medications_lifetime_length)-active_care_pl
an_length
1773
lifetime_condition_length>=(1/medications_active)[^]DXA__T_score__Bone_density
1774 lifetime_condition_length>=e[^]medications_active/MCH__Entitic_mass__by_Autom
ated_count
1775 lifetime_condition_length>=1/2*Aspartate_aminotransferase__Enzymatic_activi
ty_volume__in_Serum,Plasma*procedures_lifetime
1776 lifetime_condition_length>=sqrt(procedures_lifetime_cost)-Platelets___volu
me__in_Blood_by_Automated_count
1777 lifetime_condition_length>=(DALY[^]2)[^]Bilirubin_total__Mass_volume__in_Serum,
Plasma
1778 lifetime_condition_length>=Alanine_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma*sqrt(DALY)
1779 lifetime_condition_length>=log(DALY)[^]Erythrocytes___volume__in_Blood_by_Au
tomated_count
1780 lifetime_condition_length>=2*DALY*Potassium
1781 lifetime_condition_length>=-Alanine_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma+2*High_Density_Lipoprotein_Cholesterol
1782 lifetime_condition_length>=Glomerular_filtration_rate_1_73_sq_M_predicted*1
og(Hemoglobin_A1c_Hemoglobin_total_in_Blood)

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1783 lifetime_condition_length>=DALY*floor(Calcium)
1784 lifetime_condition_length>=(2*MCV__Entitic_volume__by_Automated_count)^medi
cations_lifetime_perc_covered
1785 device_lifetime_length<=imaging_studies_lifetime^FEV1_FVC
1786 device_lifetime_length<=healthcare_coverage
1787 device_lifetime_length<=active_condition_length
1788 device_lifetime_length<=(healthcare_expenses-1)/procedures_lifetime_cost
1789 device_lifetime_length<=encounters_lifetime_payer_coverage
1790 device_lifetime_length<=medications_lifetime
1791 device_lifetime_length<=medications_lifetime_length
1792 device_lifetime_length<=10^lifetime_condition_length*immunizations_lifetime
1793 device_lifetime_length<=e^medications_lifetime_dispenses*num_allergies
1794
device_lifetime_length<=1/2*Protein__Mass_volume__in_Serum,Plasma/Creatinine
1795 device_lifetime_length<=log(medications_active)^healthcare_expenses
1796 device_lifetime_length<=log(medications_active)^mean_Urea_Nitrogen
1797 device_lifetime_length<=DALY^2
1798 device_lifetime_length<=(Potassium-1)*Hemoglobin__Mass_volume__in_Blood
1799 device_lifetime_length<=10^lifetime_condition_length*medications_lifetime_p
erc_covered
1800 device_lifetime_length<=Pain_severity__0_10_verbal_numeric_rating__Score__
__Reported*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_co
unt
1801 device_lifetime_length<=sqrt(lifetime_condition_length)/QOLS
1802 device_lifetime_length<=log(procedures_lifetime)^Protein__Mass_volume__in_S
erum,Plasma
1803 device_lifetime_length<=floor(QOLS)^Body_temperature
1804 device_lifetime_length<=Pain_severity__0_10_verbal_numeric_rating__Score__
__Reported*Protein__Mass_volume__in_Serum,Plasma
1805
device_lifetime_length<=(log(medications_lifetime)/log(10))^healthcare_expenses
1806 device_lifetime_length<=Alkaline_phosphatase__Enzymatic_activity_volume__in
_Serum,Plasma*medications_lifetime_perc_covered
1807 device_lifetime_length<=log(Globulin__Mass_volume__in_Serum_by_calculation)
^longitude
1808 device_lifetime_length<=(1/2*Pain_severity__0_10_verbal_numeric_rating__Sc
ore____Reported)^Body_temperature
1809 device_lifetime_length<=immunizations_lifetime_cost^Respiratory_rate
1810 device_lifetime_length<=imaging_studies_lifetime^Total_score__MMSE_
1811 device_lifetime_length<=-medications_active+medications_lifetime
1812 device_lifetime_length<=(medications_active-1)^healthcare_expenses
1813 device_lifetime_length<=procedures_lifetime_cost/immunizations_lifetime
1814
device_lifetime_length<=(Creatinine-1)^mean_Estimated_Glomerular_Filtration_Rate
1815 device_lifetime_length<=(1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Pl
asma)^healthcare_expenses
1816 device_lifetime_length<=-Carbon_Dioxide+lifetime_care_plan_length+1
1817 device_lifetime_length<=-Albumin__Mass_volume__in_Serum,Plasma+1/2*encounte

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rs_count
1818 device_lifetime_length<=minimum(Microalbumin_Creatinine_Ratio,floor(Bilirubin_total_Mass_volume_in_Serum,Plasma))
1819 device_lifetime_length<=(1/medications_lifetime_perc_covered)^DALY
1820 device_lifetime_length<=Calcium*log(Glomerular_filtration_rate_1_73_sq_M_predicted)
1821 device_lifetime_length<=procedures_lifetime_cost/imaging_studies_lifetime
1822 device_lifetime_length<=immunizations_lifetime_cost/num_allergies
1823 device_lifetime_length<=Microalbumin_Creatinine_Ratio-Pain_severity__0_10_verbal_numeric_rating__Score____Reported
1824
device_lifetime_length<=immunizations_lifetime_cost/imaging_studies_lifetime
1825 device_lifetime_length<=(1/medications_lifetime_perc_covered)^Urea_Nitrogen
1826 device_lifetime_length<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count*medications_lifetime_perc_covered
1827 device_lifetime_length<=(imaging_studies_lifetime-1)^healthcare_coverage
1828 device_lifetime_length<=DALY^healthcare_expenses
1829 device_lifetime_length<=(immunizations_lifetime-1)*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
1830 device_lifetime_length<=(log(medications_lifetime_perc_covered)/log(10))^mean_Total_Cholesterol
1831 device_lifetime_length<=Estimated_Glomerular_Filtration_Rate*Pain_severity__0_10_verbal_numeric_rating__Score____Reported
1832 device_lifetime_length<=e^active_conditions/Total_Cholesterol
1833 device_lifetime_length<=10^medications_lifetime_dispenses*num_allergies
1834 device_lifetime_length>=floor(encounters_lifetime_perc_covered)
1835 device_lifetime_length>=-healthcare_coverage
1836 device_lifetime_length>=-num_allergies
1837 device_lifetime_length>=(imaging_studies_lifetime-1)*Urea_Nitrogen
1838 device_lifetime_length>=-Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+immunizations_lifetime_cost+1
1839 device_lifetime_length>=2*DALY-mean_Body_Weight
1840 device_lifetime_length>=-DALY+1/2*active_care_plan_length
1841 device_lifetime_length>=sqrt(lifetime_condition_length)-mean_Carbon_Dioxide
1842 device_lifetime_length>=-Low_Density_Lipoprotein_Cholesterol+1/2*Systolic_Blood_Pressure
1843 device_lifetime_length>=-lifetime_conditions+medications_active-1
1844 encounters_count<=ceil(e^active_condition_length)
1845 encounters_count<=minimum(healthcare_expenses,e^Total_score__MMSE_)
1846 encounters_count<=10^active_care_plan_length-DALY
1847 encounters_count<=e^DALY+medications_lifetime_cost
1848 encounters_count<=1/2*encounters_lifetime_total_cost/latitude
1849 encounters_count<=(Potassium-1)*mean_Sodium
1850 encounters_count<=(encounters_lifetime_total_cost-1)/Chloride
1851
encounters_count<=(encounters_lifetime_total_cost-1)/Diastolic_Blood_Pressure
1852 encounters_count<=(encounters_lifetime_total_cost-1)/Body_Weight
1853 encounters_count<=sqrt(DALY)*mean_Low_Density_Lipoprotein_Cholesterol

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1854 encounters_count<=(encounters_lifetime_total_cost-1)/mean_Chloride
1855
encounters_count<=encounters_lifetime_payer_coverage+lifetime_care_plan_length-1
1856 encounters_count<=sqrt(Calcium)*Triglycerides
1857 encounters_count<=Glucose^2/device_lifetime_length
1858 encounters_count<=(healthcare_coverage-1)/Alkaline_phosphatase__Enzymatic_a
ctivity_volume__in_Serum,Plasma
1859 encounters_count<=log(Protein__Mass_volume__in_Serum,Plasma)*mean_Chloride
1860 encounters_count<=Respiratory_rate*lifetime_conditions^2
1861 encounters_count<=(QALY-1)*active_conditions
1862 encounters_count<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^Carbon
_Dioxide
1863 encounters_count<=2*Heart_rate+healthcare_coverage
1864 encounters_count<=floor(Potassium)^active_conditions
1865 encounters_count<=sqrt(healthcare_expenses)-Diastolic_Blood_Pressure
1866 encounters_count<=e^Urea_Nitrogen/mean_Respiratory_rate
1867 encounters_count<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+medication
s_lifetime_cost
1868 encounters_count<=e^Glomerular_filtration_rate_1_73_sq_M_predicted/active_c
onditions
1869
encounters_count<=1/2*Albumin__Mass_volume__in_Serum,Plasma*medications_lifetime
1870 encounters_count<=mean_Respiratory_rate^Globulin__Mass_volume__in_Serum_by_
calculation
1871 encounters_count<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+2*Syst
olic_Blood_Pressure
1872 encounters_count<=Body_Weight*floor(Prostate_specific_Ag__Mass_volume__in_S
erum,Plasma)
1873 encounters_count<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-
Erythrocytes___volume__in_Blood_by_Automated_count
1874 encounters_count<=Diastolic_Blood_Pressure*ceil(Erythrocytes___volume__in_
Blood_by_Automated_count)
1875 encounters_count<=e^Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count/active_care_plan_length
1876 encounters_count<=10^active_care_plans+Heart_rate
1877 encounters_count<=2*Chloride+Total_Cholesterol
1878
encounters_count<=sqrt(Triglycerides)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
1879 encounters_count<=Globulin__Mass_volume__in_Serum_by_calculation^2*mean_Hig
h_Density_Lipoprotein_Cholesterol
1880 encounters_count<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)+
encounters_lifetime_payer_coverage
1881 encounters_count<=lifetime_care_plan_length^2/Hematocrit__Volume_Fraction__
of_Blood_by_Automated_count
1882 encounters_count<=active_conditions+e^Microalbumin_Creatinine_Ratio
1883 encounters_count<=(latitude^2)^mean_Creatinine
1884 encounters_count<=1/2*encounters_lifetime_total_cost/Alanine_aminotransfera
se__Enzymatic_activity_volume__in_Serum,Plasma

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1885 encounters_count<=e^medications_lifetime/imaging_studies_lifetime
1886 encounters_count<=active_condition_length^2/Creatinine
1887 encounters_count<=maximum(age,e^active_conditions)
1888 encounters_count<=Bilirubin_total__Mass_volume__in_Serum,Plasma*e^active_co
nditions
1889 encounters_count<=active_condition_length^2/Hemoglobin_A1c_Hemoglobin_total
_in_Blood
1890 encounters_count<=e^DALY+mean_Estimated_Glomerular_Filtration_Rate
1891 encounters_count<=1/2*lifetime_condition_length*mean_Creatinine
1892 encounters_count<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count*
e^Creatinine
1893 encounters_count<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+e^medications_li
fetime
1894 encounters_count<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+2*medicati
ons_lifetime
1895 encounters_count<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+2*medi
cations_lifetime
1896 encounters_count<=Erythrocytes___volume__in_Blood_by_Automated_count+2*med
ications_lifetime
1897 encounters_count<=10^medications_active*mean_Sodium
1898 encounters_count<=10^DALY+medications_lifetime
1899 encounters_count<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*e^DALY
1900 encounters_count<=e^DALY+mean_Low_Density_Lipoprotein_Cholesterol
1901 encounters_count<=(DALY+1)*MCH__Entitic_mass__by_Automated_count
1902 encounters_count<=2*Body_Height+immunizations_lifetime_cost
1903
encounters_count<=(1/2*Carbon_Dioxide)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
1904 encounters_count<=2*Glucose*mean_Creatinine
1905 encounters_count<=Alanine_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma^2/device_lifetime_length
1906 encounters_count<=10^Globulin__Mass_volume__in_Serum_by_calculation/immuniz
ations_lifetime
1907 encounters_count<=e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+medi
cations_lifetime
1908 encounters_count<=2*MCHC__Mass_volume__by_Automated_count+procedures_lifeti
me_cost
1909 encounters_count>=lifetime_care_plan_length*log(num_allergies)/log(10)
1910 encounters_count>=active_care_plans+1
1911 encounters_count>=(encounters_lifetime_total_cost+1)/Sodium
1912 encounters_count>=1/2*encounters_lifetime_total_cost/Body_Weight
1913 encounters_count>=immunizations_lifetime
1914 encounters_count>=medications_active+1
1915 encounters_count>=(encounters_lifetime_total_cost+1)/mean_Sodium
1916 encounters_count>=ceil(log(procedures_lifetime_cost)/log(10))
1917 encounters_count>=sqrt(encounters_lifetime_total_cost)-latitude
1918
encounters_count>=1/2*encounters_lifetime_total_cost/Diastolic_Blood_Pressure
1919 encounters_count>=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)

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1920 encounters_count>=minimum(active_conditions,immunizations_lifetime_cost)
1921 encounters_count>=2*Respiratory_rate/Prostate_specific_Ag__Mass_volume__in_
Serum,Plasma
1922 encounters_count>=minimum(Hematocrit__Volume_Fraction__of_Blood_by_Automate
d_count,medications_lifetime-1)
1923 encounters_count>=(imaging_studies_lifetime+1)^2
1924 encounters_count>=(Potassium-1)^imaging_studies_lifetime
1925 encounters_count>=immunizations_lifetime+medications_active
1926 encounters_count>=2*Albumin__Mass_volume__in_Serum,Plasma
1927 encounters_count>=log(active_condition_length)*procedures_lifetime/log(10)
1928 encounters_count>=(medications_lifetime+1)/active_conditions
1929 encounters_count>=active_conditions-medications_lifetime_cost+1
1930 encounters_count>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+Platelet_mean_v
olume__Entitic_volume__in_Blood_by_Automated_count
1931
encounters_count>=floor(Leukocytes____volume__in_Blood_by_Automated_count)-1
1932 encounters_count>=(Systolic_Blood_Pressure+1)^Bilirubin_total__Mass_volume_
_in_Serum,Plasma
1933 encounters_count>=sqrt(encounters_lifetime_total_cost)-mean_Estimated_Glome
rular_Filtration_Rate
1934 encounters_count>=active_conditions-medications_lifetime
1935 encounters_count>=Glucose-healthcare_coverage+1
1936 encounters_count>=active_conditions^2/Prostate_specific_Ag__Mass_volume__in_
_Serum,Plasma
1937 encounters_count>=(Glomerular_filtration_rate_1_73_sq_M_predicted+1)*imagin
g_studies_lifetime
1938 encounters_count>=(QOLS+1)/Bilirubin_total__Mass_volume__in_Serum,Plasma
1939 encounters_count>=-Aspartate_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma+mean_Carbon_Dioxide
1940 encounters_count>=(Microalbumin_Creatinine_Ratio+1)*medications_lifetime_pe
rc_covered
1941 encounters_count>=-QALY+active_care_plan_length
1942 encounters_count>=minimum(Triglycerides,floor(DALY))
1943 encounters_count>=minimum(Estimated_Glomerular_Filtration_Rate,ceil(Carbon_
Dioxide))
1944 encounters_count>=(device_lifetime_length+1)*mean_Creatinine
1945 encounters_count>=-age+mean_Estimated_Glomerular_Filtration_Rate
1946 encounters_count>=log(device_lifetime_length)*mean_Calcium
1947 encounters_count>=log(DALY)/Bilirubin_total__Mass_volume__in_Serum,Plasma
1948 encounters_count>=procedures_lifetime^2/Carbon_Dioxide
1949 encounters_count>=-Body_Height+mean_Triglycerides
1950 encounters_count>=minimum(medications_lifetime,log(healthcare_expenses))
1951 encounters_count>=1/2*Body_Weight-age
1952 encounters_count>=2*Estimated_Glomerular_Filtration_Rate*num_allergies
1953 encounters_count>=(1/2*lifetime_care_plans)^Pain_severity___0_10_verbal_num
eric_rating__Score___Reported
1954 encounters_count>=floor(device_lifetime_length)/Creatinine
1955 encounters_count>=Respiratory_rate^2-Platelet_distribution_width__Entitic_v

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olume__in_Blood_by_Automated_count
1956 encounters_count>=lifetime_care_plans^2+Globulin__Mass_volume__in_Serum_by_
calculation
1957 encounters_count>=minimum(Microalbumin_Creatinine_Ratio,2*active_care_plan_
length)
1958 encounters_count>=1/2*encounters_lifetime_total_cost/Glucose
1959 encounters_count>=2*Systolic_Blood_Pressure/Microalbumin_Creatinine_Ratio
1960
encounters_count>=-encounters_lifetime_payer_coverage+1/2*medications_lifetime
1961 encounters_count>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum
,Plasma*log(Bilirubin_total__Mass_volume__in_Serum,Plasma)
1962 encounters_count>=lifetime_conditions^2/Calcium
1963 encounters_count>=1/2*encounters_lifetime_payer_coverage/High_Density_Lipop
rotein_Cholesterol
1964 encounters_count>=minimum(active_care_plan_length,device_lifetime_length^2)
1965
encounters_count>=1/2*immunizations_lifetime*mean_Microalbumin_Creatinine_Ratio
1966
encounters_count>=(1/2*medications_lifetime)^medications_lifetime_perc_covered
1967 encounters_count>=2*medications_lifetime/Calcium
1968 encounters_count>=2*medications_lifetime/mean_Calcium
1969 encounters_count>=medications_active^2-Hemoglobin__Mass_volume__in_Blood
1970 encounters_count>=minimum(Urea_Nitrogen,2*medications_active)
1971 encounters_count>=2*Diastolic_Blood_Pressure-mean_Total_Cholesterol
1972 encounters_count>=lifetime_care_plans*log(Urea_Nitrogen)/log(10)
1973 encounters_count>=minimum(Microalbumin_Creatinine_Ratio,floor(Body_Weight))
1974 encounters_count>=(Pain_severity___0_10_verbal_numeric_rating__Score___Rep
orted-1)*device_lifetime_length
1975 encounters_count>=2*Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma-latitude
1976 encounters_count>=(log(Leukocytes___volume__in_Blood_by_Automated_count)/l
og(10))^Platelets___volume__in_Blood_by_Automated_count
1977 encounters_lifetime_total_cost<=encounters_lifetime_base_cost
1978 encounters_lifetime_total_cost>=encounters_lifetime_base_cost
1979 encounters_lifetime_base_cost<=encounters_lifetime_total_cost
1980 encounters_lifetime_base_cost>=encounters_lifetime_total_cost
1981 encounters_lifetime_payer_coverage<=ceil(encounters_lifetime_total_cost)*en
counters_lifetime_perc_covered
1982 encounters_lifetime_payer_coverage<=healthcare_coverage
1983 encounters_lifetime_payer_coverage<=encounters_lifetime_perc_covered*health
care_expenses
1984 encounters_lifetime_payer_coverage>=num_allergies
1985 encounters_lifetime_payer_coverage>=encounters_lifetime_perc_covered*floor(
encounters_lifetime_total_cost)
1986 encounters_lifetime_payer_coverage>=DALY^2*Globulin__Mass_volume__in_Serum_
by_calculation
1987 encounters_lifetime_perc_covered<=ceil(encounters_lifetime_payer_coverage)/
encounters_lifetime_total_cost

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1988 encounters_lifetime_perc_covered<=healthcare_coverage
 1989
 encounters_lifetime_perc_covered<=floor(Body_Height)/lifetime_care_plan_length
 1990 encounters_lifetime_perc_covered<=encounters_lifetime_payer_coverage
 1991
 encounters_lifetime_perc_covered<=ceil(age)/High_Density_Lipoprotein_Cholesterol
 1992 encounters_lifetime_perc_covered>=(encounters_lifetime_payer_coverage-1)/en
 counters_lifetime_total_cost
 1993 encounters_lifetime_perc_covered>=-healthcare_coverage
 1994 encounters_lifetime_perc_covered>=-num_allergies
 1995 encounters_lifetime_perc_covered>=1/2*Leukocytes___volume__in_Blood_by_Aut
 omated_count/Body_Mass_Index
 1996 imaging_studies_lifetime<=active_care_plans-1
 1997 imaging_studies_lifetime<=healthcare_coverage
 1998 imaging_studies_lifetime<=medications_lifetime
 1999 imaging_studies_lifetime<=DALY
 2000 imaging_studies_lifetime<=medications_lifetime_length
 2001 imaging_studies_lifetime<=medications_active
 2002 imaging_studies_lifetime<=2*active_care_plans-lifetime_care_plans
 2003 imaging_studies_lifetime<=10^procedures_lifetime
 2004 imaging_studies_lifetime<=device_lifetime_length/num_allergies
 2005 imaging_studies_lifetime<=floor(1/2*Prostate_specific_Ag__Mass_volume__in_S
 erum,Plasma)
 2006
 imaging_studies_lifetime<=ceil(Globulin_Mass_volume__in_Serum_by_calculation)
 2007 imaging_studies_lifetime<=log(procedures_lifetime)^Hemoglobin_A1c_Hemoglobi
 n_total_in_Blood
 2008 imaging_studies_lifetime<=log(procedures_lifetime)^Albumin__Mass_volume__in
 _Serum,Plasma
 2009 imaging_studies_lifetime<=10^immunizations_lifetime
 2010 imaging_studies_lifetime<=(immunizations_lifetime-1)^Total_score__MMSE_
 2011 imaging_studies_lifetime<=floor(DALY)
 2012 imaging_studies_lifetime<=e^active_care_plans/Microalbumin_Creatinine_Ratio
 2013 imaging_studies_lifetime<=active_care_plans/Pain_severity___0_10_verbal_num
 eric_rating__Score___Reported
 2014 imaging_studies_lifetime<=10^Potassium/medications_lifetime_length
 2015 imaging_studies_lifetime<=num_allergies^Platelet_distribution_width__Entiti
 c_volume__in_Blood_by_Automated_count
 2016 imaging_studies_lifetime<=log(medications_active)^encounters_lifetime_payer
 _coverage
 2017 imaging_studies_lifetime<=1/2*healthcare_expenses/healthcare_coverage
 2018 imaging_studies_lifetime<=(immunizations_lifetime-1)^Body_temperature
 2019 imaging_studies_lifetime<=log(procedures_lifetime)^Alkaline_phosphatase__En
 zymatic_activity_volume__in_Serum,Plasma
 2020 imaging_studies_lifetime<=log(active_care_plans)^encounters_lifetime_payer_
 coverage
 2021 imaging_studies_lifetime<=maximum(Triglycerides,floor(procedures_lifetime))
 2022 imaging_studies_lifetime<=lifetime_care_plans-num_allergies

2023

imaging_studies_lifetime<=immunizations_lifetime_cost/device_lifetime_length
2024 imaging_studies_lifetime<=immunizations_lifetime_cost^Glomerular_filtration_rate_1_73_sq_M_predicted
2025 imaging_studies_lifetime<=(2*QOLS)^healthcare_expenses
2026 imaging_studies_lifetime<=Pain_severity___0_10_verbal_numeric_rating__Score___Reported/medications_lifetime_perc_covered
2027 imaging_studies_lifetime<=log(lifetime_care_plans)^healthcare_expenses
2028 imaging_studies_lifetime<=immunizations_lifetime_cost^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
2029 imaging_studies_lifetime<=active_condition_length-device_lifetime_length
2030 imaging_studies_lifetime<=(10^immunizations_lifetime_cost)^DXA__T_score__Bone_density
2031 imaging_studies_lifetime<=Bilirubin_total__Mass_volume__in_Urine_by_Test_strip^procedures_lifetime_cost
2032 imaging_studies_lifetime<=immunizations_lifetime+procedures_lifetime
2033 imaging_studies_lifetime<=procedures_lifetime^Estimated_Glomerular_Filtration_Rate
2034 imaging_studies_lifetime<=Pain_severity___0_10_verbal_numeric_rating__Score___Reported*Sodium
2035 imaging_studies_lifetime<=(medications_active-1)^2
2036 imaging_studies_lifetime<=floor(log(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma))
2037 imaging_studies_lifetime<=Heart_rate-procedures_lifetime
2038 imaging_studies_lifetime<=minimum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma,floor(Bilirubin_total__Mass_volume__in_Serum,Plasma))
2039 imaging_studies_lifetime<=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^healthcare_expenses
2040 imaging_studies_lifetime<=Protein__Mass_volume__in_Serum,Plasma*medications_lifetime_perc_covered
2041 imaging_studies_lifetime<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
2042 imaging_studies_lifetime<=Estimated_Glomerular_Filtration_Rate*medications_lifetime_perc_covered
2043 imaging_studies_lifetime>=floor(encounters_lifetime_perc_covered)
2044 imaging_studies_lifetime>=-healthcare_coverage
2045 imaging_studies_lifetime>=-num_allergies
2046 imaging_studies_lifetime>=-device_lifetime_length
2047 imaging_studies_lifetime>=(-immunizations_lifetime)^mean_High_Density_Lipoprotein_Cholesterol
2048 imaging_studies_lifetime>=-Glomerular_filtration_rate_1_73_sq_M_predicted+Urea_Nitrogen+1
2049 imaging_studies_lifetime>=maximum(DXA__T_score__Bone_density,-healthcare_expenses)
2050 imaging_studies_lifetime>=(-immunizations_lifetime)^Creatinine
2051 imaging_studies_lifetime>=-encounters_lifetime_payer_coverage+floor(QOLS)
2052 imaging_studies_lifetime>=(1/Body_Weight)^mean_Total_Cholesterol
2053 immunizations_lifetime<=floor(immunizations_lifetime_cost)/Chloride

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2054 immunizations_lifetime<=floor(active_care_plan_length)
2055 immunizations_lifetime<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood/Calcium
2056 immunizations_lifetime<=encounters_count
2057 immunizations_lifetime<=immunizations_lifetime_cost
2058 immunizations_lifetime<=maximum(Sodium,1/encounters_lifetime_perc_covered)
2059 immunizations_lifetime<=minimum(Triglycerides,10^procedures_lifetime)
2060
immunizations_lifetime<=floor(1/Bilirubin_total__Mass_volume__in_Serum,Plasma)
2061 immunizations_lifetime<=floor(Prostate_specific_Ag__Mass_volume__in_Serum,P
lasma)
2062 immunizations_lifetime<=2*ceil(Creatinine)
2063 immunizations_lifetime<=minimum(Prostate_specific_Ag__Mass_volume__in_Serum
,Plasma,10^device_lifetime_length)
2064
immunizations_lifetime<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood/Creatinine
2065 immunizations_lifetime<=maximum(medications_active,log(Platelet_mean_volume
__Entitic_volume__in_Blood_by_Automated_count)/log(10))
2066 immunizations_lifetime<=floor(Potassium)
2067 immunizations_lifetime<=floor(1/2*Albumin__Mass_volume__in_Serum,Plasma)
2068 immunizations_lifetime<=10^healthcare_coverage
2069 immunizations_lifetime<=Microalbumin_Creatinine_Ratio/Pain_severity___0_10_
verbal_numeric_rating__Score___Reported
2070 immunizations_lifetime<=active_conditions^2
2071 immunizations_lifetime<=ceil(active_condition_length)
2072 immunizations_lifetime<=10^encounters_lifetime_payer_coverage
2073 immunizations_lifetime<=active_care_plans+procedures_lifetime_cost
2074 immunizations_lifetime<=maximum(procedures_lifetime,ceil(Bilirubin_total__M
ass_volume__in_Serum,Plasma))
2075 immunizations_lifetime<=Respiratory_rate/active_care_plans
2076 immunizations_lifetime<=ceil(log(Prostate_specific_Ag__Mass_volume__in_Seru
m,Plasma))
2077
immunizations_lifetime<=floor(Globulin__Mass_volume__in_Serum_by_calculation)
2078 immunizations_lifetime<=10^procedures_lifetime+1
2079 immunizations_lifetime<=Heart_rate-procedures_lifetime
2080 immunizations_lifetime<=ceil(log(Aspartate_aminotransferase__Enzymatic_acti
vity_volume__in_Serum,Plasma)/log(10))
2081 immunizations_lifetime<=Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported+procedures_lifetime_cost
2082 immunizations_lifetime<=ceil(10^encounters_lifetime_perc_covered)
2083 immunizations_lifetime<=10^mean_Pain_severity___0_10_verbal_numeric_rating_
_Score___Reported
2084 immunizations_lifetime<=minimum(healthcare_expenses,Specific_gravity_of Uri
ne_by_Test_strip)
2085 immunizations_lifetime<=ceil(1/imaging_studies_lifetime)
2086 immunizations_lifetime<=floor(1/2*Leukocytes___volume__in_Blood_by_Automat
ed_count)
2087

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immunizations_lifetime<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+Urea_Nitrogen
2088 immunizations_lifetime<=10^floor(mean_Pain_severity___0_10_verbal_numeric_r
ating__Score____Reported)
2089 immunizations_lifetime<=Carbon_Dioxide-active_conditions-1
2090 immunizations_lifetime<=age^2/medications_lifetime_dispenses
2091 immunizations_lifetime<=maximum(medications_active,Bilirubin_total__Mass_vo
lume__in_Serum,Plasma)
2092 immunizations_lifetime<=minimum(Estimated_Glomerular_Filtration_Rate,ceil(B
ilirubin_total__Mass_volume__in_Serum,Plasma))
2093 immunizations_lifetime<=maximum(Pain_severity___0_10_verbal_numeric_rating_
_Score____Reported,1/num_allergies)
2094 immunizations_lifetime<=(device_lifetime_length-1)^healthcare_coverage
2095 immunizations_lifetime<=floor(MCHC__Mass_volume__by_Automated_count)-proced
ures_lifetime
2096 immunizations_lifetime<=(log(encounters_count)/log(10))^Estimated_Glomerula
r_Filtration_Rate
2097 immunizations_lifetime<=active_condition_length-device_lifetime_length+1
2098 immunizations_lifetime<=minimum(Triglycerides,10^medications_active)
2099 immunizations_lifetime<=QOLS*ceil(Erythrocytes____volume__in_Blood_by_Autom
ated_count)
2100 immunizations_lifetime<=(1/medications_lifetime_perc_covered)^Erythrocytes_
__volume__in_Blood_by_Automated_count
2101 immunizations_lifetime<=maximum(Sodium,10^procedures_lifetime)
2102
immunizations_lifetime<=maximum(Sodium,log(Systolic_Blood_Pressure)/log(10))
2103 immunizations_lifetime<=maximum(Estimated_Glomerular_Filtration_Rate,10^Pai
n_severity___0_10_verbal_numeric_rating__Score____Reported)
2104 immunizations_lifetime<=Triglycerides^2/medications_lifetime_length
2105 immunizations_lifetime<=1/2*Low_Density_Lipoprotein_Cholesterol/DALY
2106 immunizations_lifetime>=minimum(num_allergies,device_lifetime_length)
2107
immunizations_lifetime>=encounters_lifetime_perc_covered^healthcare_coverage
2108 immunizations_lifetime>=-num_allergies
2109 immunizations_lifetime>=-device_lifetime_length
2110 immunizations_lifetime>=Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported^NT_proBNP
2111 immunizations_lifetime>=ceil(immunizations_lifetime_cost)/Body_Height
2112 immunizations_lifetime>=-encounters_lifetime_payer_coverage+imaging_studies
_lifetime
2113 immunizations_lifetime>=Platelet_distribution_width__Entitic_volume__in_Blo
od_by_Automated_count/mean_Platelet_distribution_width__Entitic_volume__in_Blood
_by_Automated_count
2114 immunizations_lifetime>=-active_care_plans+num_allergies
2115 immunizations_lifetime>=-medications_lifetime+num_allergies
2116 immunizations_lifetime>=active_care_plans-active_conditions
2117
immunizations_lifetime>=1/2*immunizations_lifetime_cost/Diastolic_Blood_Pressure
2118 immunizations_lifetime>=minimum(immunizations_lifetime_cost,QOLS)

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2119 immunizations_lifetime>=floor(log(procedures_lifetime)/log(10))
2120 immunizations_lifetime>=Specific_gravity_of_Urine_by_Test_strip^Pain_severi
ty___0_10_verbal_numeric_rating__Score____Reported
2121 immunizations_lifetime>=mean_Estimated_Glomerular_Filtration_Rate-
mean_Heart_rate
2122 immunizations_lifetime>=minimum(num_allergies,procedures_lifetime)
2123 immunizations_lifetime>=minimum(immunizations_lifetime_cost,ceil(encounters
_lifetime_perc_covered))
2124 immunizations_lifetime>=floor(log(medications_active)/log(10))
2125 immunizations_lifetime>=imaging_studies_lifetime-procedures_lifetime
2126 immunizations_lifetime>=Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported-active_conditions
2127 immunizations_lifetime>=Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported-medications_lifetime
2128 immunizations_lifetime>=floor(log(mean_Pain_severity___0_10_verbal_numeric_
rating__Score____Reported))
2129 immunizations_lifetime>=active_care_plans-medications_lifetime-1
2130 immunizations_lifetime>=log(MCV__Entitic_volume__by_Automated_count)/log(10
)-procedures_lifetime
2131 immunizations_lifetime>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma-
active_conditions
2132 immunizations_lifetime>=sqrt(Erythrocyte_distribution_width__Entitic_volume
__by_Automated_count)/lifetime_condition_length
2133 immunizations_lifetime_cost<=healthcare_expenses*immunizations_lifetime
2134 immunizations_lifetime_cost<=(Body_Height-1)^immunizations_lifetime
2135
immunizations_lifetime_cost<=2*Diastolic_Blood_Pressure*immunizations_lifetime
2136 immunizations_lifetime_cost<=10^healthcare_coverage+mean_Sodium
2137 immunizations_lifetime_cost<=(encounters_lifetime_total_cost-1)/Prostate_sp
ecific_Ag__Mass_volume__in_Serum,Plasma
2138 immunizations_lifetime_cost<=(Respiratory_rate^2)^immunizations_lifetime
2139 immunizations_lifetime_cost<=log(Protein__Mass_volume__in_Serum,Plasma)^Alb
umin__Mass_volume__in_Serum,Plasma
2140 immunizations_lifetime_cost<=2*immunizations_lifetime*mean_Diastolic_Blood_
Pressure
2141 immunizations_lifetime_cost<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_
Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
2142 immunizations_lifetime_cost<=active_care_plan_length*mean_Carbon_Dioxide
2143 immunizations_lifetime_cost<=Aspartate_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma+2*Systolic_Blood_Pressure
2144 immunizations_lifetime_cost<=(immunizations_lifetime+1)^Urea_Nitrogen
2145 immunizations_lifetime_cost<=Body_Mass_Index*Hemoglobin_A1c_Hemoglobin_tota
l_in_Blood^2
2146 immunizations_lifetime_cost<=Respiratory_rate^2+healthcare_coverage
2147 immunizations_lifetime_cost<=1/2*Alkaline_phosphatase__Enzymatic_activity_v
olume__in_Serum,Plasma*Urea_Nitrogen
2148 immunizations_lifetime_cost<=(log(healthcare_coverage)/log(10))^mean_Albumi
n__Mass_volume__in_Serum,Plasma

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2149 immunizations_lifetime_cost<=log(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)*procedures_lifetime_cost/log(10)
 2150 immunizations_lifetime_cost<=1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count*active_condition_length
 2151 immunizations_lifetime_cost<=e^Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/Urea_Nitrogen
 2152 immunizations_lifetime_cost<=ceil(latitude)^active_care_plan_length
 2153 immunizations_lifetime_cost<=2*mean_Estimated_Glomerular_Filtration_Rate^2
 2154 immunizations_lifetime_cost<=(1/2*Respiratory_rate)^encounters_count
 2155 immunizations_lifetime_cost<=Platelets___volume__in_Blood_by_Automated_count+ceil(MCH__Entitic_mass__by_Automated_count)
 2156 immunizations_lifetime_cost<=1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count*active_conditions
 2157 immunizations_lifetime_cost<=10^medications_active*Triglycerides
 2158
 immunizations_lifetime_cost<=e^Microalbumin_Creatinine_Ratio+mean_Heart_rate
 2159 immunizations_lifetime_cost<=10^DALY*Systolic_Blood_Pressure
 2160 immunizations_lifetime_cost<=Body_Height^2/age
 2161 immunizations_lifetime_cost<=(Low_Density_Lipoprotein_Cholesterol^2)^mean_Creatinine
 2162 immunizations_lifetime_cost<=latitude^2/medications_active
 2163 immunizations_lifetime_cost<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+2*lifetime_condition_length
 2164 immunizations_lifetime_cost<=sqrt(healthcare_expenses)-Calcium
 2165 immunizations_lifetime_cost<=Sodium^2/active_care_plan_length
 2166 immunizations_lifetime_cost<=log(Urea_Nitrogen)^Glomerular_filtration_rate_1_73_sq_M_predicted
 2167 immunizations_lifetime_cost<=active_care_plan_length^2/Albumin__Mass_volume__in_Serum,Plasma
 2168 immunizations_lifetime_cost<=Heart_rate*ceil(Globulin__Mass_volume__in_Serum_by_calculation)
 2169 immunizations_lifetime_cost<=active_condition_length^2/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 2170 immunizations_lifetime_cost<=2*lifetime_condition_length+procedures_lifetime_cost
 2171 immunizations_lifetime_cost<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count^2/medications_active
 2172 immunizations_lifetime_cost<=Heart_rate*e^immunizations_lifetime
 2173 immunizations_lifetime_cost<=Glucose*ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 2174 immunizations_lifetime_cost<=Protein__Mass_volume__in_Serum,Plasma^2/DALY
 2175 immunizations_lifetime_cost<=ceil(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)^Globulin__Mass_volume__in_Serum_by_calculation
 2176 immunizations_lifetime_cost<=Chloride+e^Leukocytes___volume__in_Blood_by_Automated_count
 2177 immunizations_lifetime_cost<=MCH__Entitic_mass__by_Automated_count^2*encounters_lifetime_perc_covered
 2178 immunizations_lifetime_cost<=MCHC__Mass_volume__by_Automated_count^2/lifetime


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me_care_plans
2179 immunizations_lifetime_cost>=immunizations_lifetime
2180 immunizations_lifetime_cost>=-Erythrocytes___volume__in_Blood_by_Automated
_count+2*active_condition_length
2181 immunizations_lifetime_cost>=2*Hematocrit__Volume_Fraction__of_Blood_by_Aut
omated_count+latitude
2182 immunizations_lifetime_cost>=2*immunizations_lifetime*latitude
2183 immunizations_lifetime_cost>=(immunizations_lifetime-1)*Body_Height
2184 immunizations_lifetime_cost>=immunizations_lifetime^active_care_plans
2185
immunizations_lifetime_cost>=(Diastolic_Blood_Pressure+1)*immunizations_lifetime
2186 immunizations_lifetime_cost>=num_allergies*sqrt(procedures_lifetime_cost)
2187 immunizations_lifetime_cost>=Body_Height-
Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+1
2188 immunizations_lifetime_cost>=2*Heart_rate-lifetime_condition_length
2189 immunizations_lifetime_cost>=(Chloride+1)*immunizations_lifetime
2190 immunizations_lifetime_cost>=Systolic_Blood_Pressure-
lifetime_condition_length+1
2191
immunizations_lifetime_cost>=-encounters_lifetime_payer_coverage+mean_Sodium
2192 immunizations_lifetime_cost>=2*Heart_rate-medications_lifetime_cost
2193 immunizations_lifetime_cost>=-healthcare_coverage+mean_Sodium
2194 immunizations_lifetime_cost>=Systolic_Blood_Pressure-
medications_lifetime_length+1
2195 immunizations_lifetime_cost>=(Body_Weight+1)*immunizations_lifetime
2196 immunizations_lifetime_cost>=log(Platelets___volume__in_Blood_by_Automated
_count)/log(10)+Systolic_Blood_Pressure
2197 immunizations_lifetime_cost>=immunizations_lifetime*mean_Chloride
2198 immunizations_lifetime_cost>=Glucose-Hemoglobin__Mass_volume__in_Blood
2199 immunizations_lifetime_cost>=(Alkaline_phosphatase__Enzymatic_activity_volu
me__in_Serum,Plasma+1)*immunizations_lifetime
2200 immunizations_lifetime_cost>=MCHC__Mass_volume__by_Automated_count*e^immuni
zations_lifetime
2201 immunizations_lifetime_cost>=ceil(device_lifetime_length)*mean_Pain_severit
y___0_10_verbal_numeric_rating__Score___Reported
2202 immunizations_lifetime_cost>=1/2*Total_Cholesterol*immunizations_lifetime
2203 immunizations_lifetime_cost>=log(device_lifetime_length)/log(10)+Platelets_
__volume__in_Blood_by_Automated_count
2204 immunizations_lifetime_cost>=MCHC__Mass_volume__by_Automated_count*sqrt(Res
piratory_rate)
2205 immunizations_lifetime_cost>=maximum(mean_Low_Density_Lipoprotein_Cholester
ol,mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)
2206 immunizations_lifetime_cost>=Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported*mean_MCHC__Mass_volume__by_Automated_count
2207 immunizations_lifetime_cost>=latitude^2/Hemoglobin__Mass_volume__in_Blood
2208
immunizations_lifetime_cost>=Systolic_Blood_Pressure+log(device_lifetime_length)
2209 immunizations_lifetime_cost>=log(device_lifetime_length)+mean_Systolic_Bloo

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d_Pressure

2210 immunizations_lifetime_cost>=2*Erythrocyte_distribution_width__Entitic_volume__by_Automated_count+Hematocrit__Volume_Fraction__of_Blood_by_Automated_count

2211 immunizations_lifetime_cost>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+log(imaging_studies_lifetime)

2212

immunizations_lifetime_cost>=(immunizations_lifetime-1)*medications_lifetime

2213 immunizations_lifetime_cost>=(immunizations_lifetime-1)*Microalbumin_Creatinine_Ratio

2214 immunizations_lifetime_cost>=Protein__Mass_volume__in_Serum,Plasma*immunizations_lifetime^2

2215 immunizations_lifetime_cost>=immunizations_lifetime*sqrt(medications_lifetime_length)

2216 immunizations_lifetime_cost>=2*Estimated_Glomerular_Filtration_Rate-mean_High_Density_Lipoprotein_Cholesterol

2217 immunizations_lifetime_cost>=(Pain_severity___0_10_verbal_numeric_rating__Score___Reported+1)^mean_Weight_difference__Mass_difference___pre_dialysis___post_dialysis

2218 immunizations_lifetime_cost>=minimum(Triglycerides,-Creatinine)

2219 immunizations_lifetime_cost>=(-Globulin__Mass_volume__in_Serum_by_calculation)^Pain_severity___0_10_verbal_numeric_rating__Score___Reported

2220 immunizations_lifetime_cost>=e^Albumin__Mass_volume__in_Serum,Plasma*immunizations_lifetime

2221 immunizations_lifetime_cost>=maximum(Low_Density_Lipoprotein_Cholesterol,-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)

2222 immunizations_lifetime_cost>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count*sqrt(Leukocytes___volume__in_Blood_by_Automated_count)

2223 immunizations_lifetime_cost>=2*Estimated_Glomerular_Filtration_Rate-medications_lifetime

2224 immunizations_lifetime_cost>=2*Estimated_Glomerular_Filtration_Rate-procedures_lifetime_cost

2225 immunizations_lifetime_cost>=(1/DXA__T_score__Bone_density)^Pain_severity___0_10_verbal_numeric_rating__Score___Reported

2226 medications_lifetime<=1/4*encounters_count^2

2227 medications_lifetime<=medications_lifetime_cost

2228 medications_lifetime<=medications_lifetime_dispenses

2229 medications_lifetime<=Diastolic_Blood_Pressure^2/active_care_plans

2230 medications_lifetime<=(encounters_count-1)^active_conditions

2231 medications_lifetime<=ceil(active_condition_length^2)

2232 medications_lifetime<=10^encounters_lifetime_perc_covered*lifetime_condition_length

2233 medications_lifetime<=(e^MCH__Entitic_mass__by_Automated_count)^QOLS

2234 medications_lifetime<=(healthcare_coverage-1)/Protein__Mass_volume__in_Serum,Plasma

2235 medications_lifetime<=(Microalbumin_Creatinine_Ratio+1)*mean_Estimated_Glomerular_Filtration_Rate

2236 medications_lifetime<=Triglycerides+e^DALY

2237 medications_lifetime<=(log(medications_lifetime_dispenses)/log(10))^mean_Mi

croalbumin_Creatinine_Ratio
 2238 medications_lifetime<=encounters_count^2/procedures_lifetime
 2239 medications_lifetime<=maximum(age,e^active_conditions)
 2240 medications_lifetime<=healthcare_coverage+lifetime_condition_length-1
 2241 medications_lifetime<=encounters_count^2/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2242 medications_lifetime<=(DALY+1)*Heart_rate
 2243 medications_lifetime<=lifetime_condition_length+procedures_lifetime_cost-1
 2244 medications_lifetime<=10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/device_lifetime_length
 2245 medications_lifetime<=e^DALY+mean_Sodium
 2246 medications_lifetime<=(latitude-1)^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 2247 medications_lifetime<=Body_Weight*active_care_plans^2
 2248 medications_lifetime<=sqrt(Microalbumin_Creatinine_Ratio)*encounters_count
 2249 medications_lifetime<=1/2*medications_lifetime_cost/immunizations_lifetime_cost
 2250 medications_lifetime<=Bilirubin_total__Mass_volume__in_Serum,Plasma^2*encounters_lifetime_payer_coverage
 2251 medications_lifetime<=2*Microalbumin_Creatinine_Ratio*mean_Carbon_Dioxide
 2252 medications_lifetime<=(Glucose^2)^mean_Creatinine
 2253 medications_lifetime<=-Triglycerides+medications_lifetime_dispenses-1
 2254 medications_lifetime<=2*medications_lifetime_dispenses/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2255 medications_lifetime<=minimum(healthcare_expenses,e^Total_score__MMSE_)
 2256 medications_lifetime<=medications_lifetime_dispenses/immunizations_lifetime
 2257 medications_lifetime<=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)+encounters_lifetime_payer_coverage
 2258 medications_lifetime<=Glucose*active_care_plans^2
 2259 medications_lifetime<=(1/medications_lifetime_perc_covered)^Microalbumin_Creatinine_Ratio
 2260 medications_lifetime<=10^sqrt(Urea_Nitrogen)
 2261 medications_lifetime<=1/2*Body_Mass_Index*mean_Chloride
 2262 medications_lifetime<=active_care_plans^2*mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 2263 medications_lifetime<=2*medications_lifetime_dispenses/Albumin__Mass_volume__in_Serum,Plasma
 2264 medications_lifetime<=2*encounters_count+encounters_lifetime_payer_coverage
 2265 medications_lifetime<=10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*procedures_lifetime
 2266 medications_lifetime<=Erythrocytes___volume__in_Blood_by_Automated_count*e^Leukocytes___volume__in_Blood_by_Automated_count
 2267 medications_lifetime<=(1/2*Potassium)^Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 2268 medications_lifetime<=(QOLS+1)^mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2269 medications_lifetime<=2*MCH__Entitic_mass__by_Automated_count+procedures_lifetime_cost

2270 medications_lifetime<=encounters_count^2/active_care_plans
 2271 medications_lifetime<=encounters_count^2/lifetime_care_plans
 2272
 medications_lifetime<=1/2*Carbon_Dioxide*Protein__Mass_volume__in_Serum,Plasma
 2273 medications_lifetime<=2*active_care_plans*encounters_count
 2274 medications_lifetime<=e^Glomerular_filtration_rate_1_73_sq_M_predicted/Albu
 min__Mass_volume__in_Serum,Plasma
 2275 medications_lifetime<=Potassium*e^Leukocytes____volume__in_Blood_by_Automat
 ed_count
 2276 medications_lifetime<=(DALY+1)*QALY
 2277 medications_lifetime<=10^active_care_plans+lifetime_condition_length
 2278 medications_lifetime<=e^active_conditions/num_allergies
 2279 medications_lifetime<=(log(healthcare_coverage)/log(10))^mean_Potassium
 2280 medications_lifetime<=maximum(encounters_count,e^active_conditions)
 2281 medications_lifetime<=2*lifetime_care_plans*mean_Sodium
 2282 medications_lifetime<=Body_Mass_Index^2+Prostate_specific_Ag__Mass_volume__
 in_Serum,Plasma
 2283 medications_lifetime<=log(Urea_Nitrogen)^active_conditions
 2284
 medications_lifetime<=active_care_plan_length^2-Microalbumin_Creatinine_Ratio
 2285 medications_lifetime<=(log(active_care_plan_length)/log(10))^mean_Aspartate
 _aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2286
 medications_lifetime<=(Albumin__Mass_volume__in_Serum,Plasma-1)*encounters_count
 2287 medications_lifetime<=2*encounters_count/Bilirubin_total__Mass_volume__in_S
 erum,Plasma
 2288 medications_lifetime<=e^active_conditions/mean_Creatinine
 2289 medications_lifetime<=1/2*encounters_lifetime_total_cost/active_conditions
 2290
 medications_lifetime<=(encounters_lifetime_total_cost-1)/device_lifetime_length
 2291 medications_lifetime<=10^encounters_count/medications_lifetime_dispenses
 2292 medications_lifetime<=log(Albumin__Mass_volume__in_Serum,Plasma)^encounters
 _count
 2293 medications_lifetime<=encounters_count^2/medications_active
 2294 medications_lifetime<=encounters_count^2/Leukocytes____volume__in_Blood_by_
 Automated_count
 2295 medications_lifetime<=encounters_count*log(Body_Weight)
 2296 medications_lifetime<=log(encounters_count)^Potassium
 2297 medications_lifetime<=2*Body_Height+procedures_lifetime_cost
 2298 medications_lifetime<=minimum(healthcare_expenses,log(NT_proBNP))
 2299 medications_lifetime<=10^QOLS*lifetime_condition_length
 2300 medications_lifetime<=e^DALY+mean_Triglycerides
 2301
 medications_lifetime<=e^DALY*mean_Glomerular_filtration_rate_1_73_sq_M_predicted
 2302 medications_lifetime<=2*Triglycerides+procedures_lifetime_cost
 2303 medications_lifetime>=device_lifetime_length
 2304 medications_lifetime>=medications_active
 2305 medications_lifetime>=-Low_Density_Lipoprotein_Cholesterol+1/2*lifetime_car

e_plan_length
 2306
 medications_lifetime>=Bilirubin_total__Mass_volume__in_Serum,Plasma+1/2*DALY
 2307 medications_lifetime>=(encounters_count+1)/Prostate_specific_Ag__Mass_volum
 e__in_Serum,Plasma
 2308 medications_lifetime>=ceil(1/2*Estimated_Glomerular_Filtration_Rate)
 2309 medications_lifetime>=sqrt(encounters_lifetime_total_cost)-MCHC__Mass_volum
 e__by_Automated_count
 2310 medications_lifetime>=QALY+log(device_lifetime_length)
 2311 medications_lifetime>=encounters_count*medications_lifetime_perc_covered^2
 2312 medications_lifetime>=minimum(Microalbumin_Creatinine_Ratio,2*latitude)
 2313 medications_lifetime>=(1/Bilirubin_total__Mass_volume__in_Serum,Plasma)
 2314 medications_lifetime>=ceil(Albumin__Mass_volume__in_Serum,Plasma)
 2315
 medications_lifetime>=-MCH__Entitic_mass__by_Automated_count+encounters_count+1
 2316
 medications_lifetime>=-Low_Density_Lipoprotein_Cholesterol+encounters_count+1
 2317 medications_lifetime>=floor(Alanine_aminotransferase__Enzymatic_activity_vo
 lume__in_Serum,Plasma)*imaging_studies_lifetime
 2318 medications_lifetime>=mean_Glucose/Aspartate_aminotransferase__Enzymatic_ac
 tivity_volume__in_Serum,Plasma
 2319 medications_lifetime>=encounters_count-
 mean_Low_Density_Lipoprotein_Cholesterol+1
 2320 medications_lifetime>=Respiratory_rate-healthcare_coverage+1
 2321 medications_lifetime>=sqrt(encounters_lifetime_total_cost)-Estimated_Glomer
 ular_Filtration_Rate
 2322 medications_lifetime>=encounters_count*log(num_allergies)
 2323 medications_lifetime>=2*Body_Mass_Index-immunizations_lifetime_cost
 2324
 medications_lifetime>=-encounters_lifetime_payer_coverage+lifetime_conditions-1
 2325 medications_lifetime>=1/2*Alkaline_phosphatase__Enzymatic_activity_volume__
 in_Serum,Plasma-High_Density_Lipoprotein_Cholesterol
 2326 medications_lifetime>=-Respiratory_rate+2*lifetime_conditions
 2327 medications_lifetime>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicte
 d,lifetime_care_plans^2)
 2328 medications_lifetime>=2*QALY-mean_Estimated_Glomerular_Filtration_Rate
 2329 medications_lifetime>=log(immunizations_lifetime)*mean_Estimated_Glomerular
 _Filtration_Rate/log(10)
 2330 medications_lifetime>=sqrt(encounters_lifetime_payer_coverage)-latitude
 2331 medications_lifetime>=minimum(Microalbumin_Creatinine_Ratio,1/2*immunizatio
 ns_lifetime_cost)
 2332 medications_lifetime>=sqrt(medications_lifetime_length)-Body_Weight
 2333 medications_lifetime>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1
 /2*encounters_count
 2334 medications_lifetime>=-Estimated_Glomerular_Filtration_Rate+2*active_condit
 ion_length
 2335 medications_lifetime>=Glomerular_filtration_rate_1_73_sq_M_predicted*log(de
 vice_lifetime_length)

2336 medications_lifetime>=sqrt(encounters_lifetime_payer_coverage)-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2337 medications_lifetime>=ceil(Estimated_Glomerular_Filtration_Rate)-lifetime_care_plan_length
 2338 medications_lifetime>=medications_lifetime_dispenses-medications_lifetime_length
 2339
 medications_lifetime>=(-Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Creatinine
 2340
 medications_lifetime>=Microalbumin_Creatinine_Ratio*log(device_lifetime_length)
 2341 medications_lifetime>=active_care_plans^2-Hemoglobin__Mass_volume__in_Blood
 2342 medications_lifetime>=maximum(FEV1_FVC,mean_Albumin__Mass_volume__in_Serum,Plasma)
 2343 medications_lifetime>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported*ceil(device_lifetime_length)
 2344 medications_lifetime>=2*Chloride-healthcare_coverage
 2345 medications_lifetime>=2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-Glucose
 2346 medications_lifetime>=(Glomerular_filtration_rate_1_73_sq_M_predicted+1)*imaging_studies_lifetime
 2347 medications_lifetime>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-Hemoglobin_A1c_Hemoglobin_total_in_Blood-1
 2348 medications_lifetime>=-Body_Height+1/2*lifetime_care_plan_length
 2349 medications_lifetime>=minimum(Microalbumin_Creatinine_Ratio,1/immunizations_lifetime)
 2350 medications_lifetime>=log(medications_lifetime_dispenses)/log(10)-QOLS
 2351 medications_lifetime>=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+e^Creatinine
 2352 medications_lifetime>=Microalbumin_Creatinine_Ratio-procedures_lifetime_cost+1
 2353 medications_lifetime>=active_conditions^2-Sodium
 2354 medications_lifetime>=-Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+2*encounters_count
 2355
 medications_lifetime>=(1/2*medications_active)^mean_pH_of_Urine_by_Test_strip
 2356 medications_lifetime>=High_Density_Lipoprotein_Cholesterol*log(device_lifetime_length)/log(10)
 2357 medications_lifetime>=(procedures_lifetime-1)*mean_Creatinine
 2358 medications_lifetime>=-Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+2*lifetime_care_plan_length
 2359 medications_lifetime>=minimum(Microalbumin_Creatinine_Ratio,e^Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 2360 medications_lifetime>=procedures_lifetime^2-Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 2361 medications_lifetime>=minimum(Microalbumin_Creatinine_Ratio,procedures_lifetime^2)
 2362
 medications_lifetime>=mean_Estimated_Glomerular_Filtration_Rate*num_allergies^2

2363 medications_lifetime>=sqrt(encounters_lifetime_total_cost)-Heart_rate
 2364 medications_lifetime>=-Systolic_Blood_Pressure+e^Albumin__Mass_volume__in_Serum,Plasma
 2365 medications_lifetime>=sqrt(encounters_lifetime_total_cost)-High_Density_Lipoprotein_Cholesterol
 2366 medications_lifetime>=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-QALY
 2367 medications_lifetime>=log(device_lifetime_length)*mean_Microalbumin_Creatinine_Ratio/log(10)
 2368 medications_lifetime>=minimum(Microalbumin_Creatinine_Ratio,sqrt(procedures_lifetime_cost))
 2369 medications_lifetime>=2*DALY-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 2370 medications_lifetime>=(Estimated_Glomerular_Filtration_Rate^2)^QOLS
 2371 medications_lifetime_cost<=QOLS*encounters_lifetime_total_cost^2
 2372 medications_lifetime_cost<=medications_lifetime^healthcare_expenses
 2373 medications_lifetime_cost<=sqrt(Urea_Nitrogen)*healthcare_expenses
 2374 medications_lifetime_cost<=10^Potassium*mean_Heart_rate
 2375 medications_lifetime_cost<=log(lifetime_condition_length)^Heart_rate
 2376 medications_lifetime_cost<=10^floor(Glomerular_filtration_rate_1_73_sq_M_predicted)
 2377 medications_lifetime_cost<=10^Albumin__Mass_volume__in_Serum,Plasma*Sodium
 2378 medications_lifetime_cost<=10^Leukocytes___volume__in_Blood_by_Automated_count*mean_Chloride
 2379 medications_lifetime_cost<=(Body_Weight^2)^active_care_plan_length
 2380 medications_lifetime_cost<=e^Respiratory_rate+healthcare_expenses
 2381 medications_lifetime_cost<=(active_care_plan_length-1)^Potassium
 2382 medications_lifetime_cost<=latitude^4
 2383 medications_lifetime_cost<=active_care_plans*e^Respiratory_rate
 2384 medications_lifetime_cost<=sqrt(lifetime_condition_length)^Microalbumin_Creatinine_Ratio
 2385 medications_lifetime_cost<=(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Calcium
 2386 medications_lifetime_cost<=(Systolic_Blood_Pressure-1)^medications_lifetime
 2387 medications_lifetime_cost<=maximum(healthcare_coverage,medications_lifetime_length^2)
 2388 medications_lifetime_cost<=e^Body_Mass_Index/encounters_lifetime_payer_coverage
 2389 medications_lifetime_cost<=(active_condition_length-1)^mean_Potassium
 2390 medications_lifetime_cost<=(lifetime_condition_length-1)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2391 medications_lifetime_cost<=10^medications_lifetime*Triglycerides
 2392 medications_lifetime_cost<=Glucose^2*lifetime_condition_length
 2393 medications_lifetime_cost<=10^Erythrocytes___volume__in_Blood_by_Automated_count*encounters_count
 2394 medications_lifetime_cost<=Glucose^2*mean_Systolic_Blood_Pressure
 2395 medications_lifetime_cost<=maximum(healthcare_expenses,1/num_allergies)
 2396 medications_lifetime_cost<=(Platelets___volume__in_Blood_by_Automated_coun

$t-1)^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}}$
2397 $\text{medications_lifetime_cost} \leq (\text{Creatinine} + 1) * \text{healthcare_expenses}$
2398 $\text{medications_lifetime_cost} \leq 2 * \text{Estimated_Glomerular_Filtration_Rate} * \text{encounters_lifetime_total_cost}$
2399 $\text{medications_lifetime_cost} \leq \text{floor}(\text{Albumin_Mass_volume_in_Serum,Plasma}) * \text{healthcare_expenses}$
2400 $\text{medications_lifetime_cost} \leq \text{Albumin_Mass_volume_in_Serum,Plasma}^{\text{mean_Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}}$
2401 $\text{medications_lifetime_cost} \leq (\text{DALY} - 1)^{\text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma}}$
2402 $\text{medications_lifetime_cost} \leq \text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count}^2 * \text{medications_lifetime_length}$
2403 $\text{medications_lifetime_cost} \leq \text{Carbon_Dioxide}^2 * \text{encounters_lifetime_total_cost}$
2404 $\text{medications_lifetime_cost} \leq \log(\text{active_care_plan_length})^{\text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count}}$
2405 $\text{medications_lifetime_cost} \leq \text{Body_Height}^2 * \text{MCH_Entitic_mass_by_Automated_count}$
2406 $\text{medications_lifetime_cost} \leq 10^{\sqrt{\text{latitude}}}$
2407 $\text{medications_lifetime_cost} \leq \sqrt{\text{Respiratory_rate}} * \text{healthcare_expenses}$
2408 $\text{medications_lifetime_cost} \leq 10^{\text{Respiratory_rate} / \text{healthcare_expenses}}$
2409 $\text{medications_lifetime_cost} \leq \text{Body_Height}^2 * \text{latitude}$
2410 $\text{medications_lifetime_cost} \leq \text{Low_Density_Lipoprotein_Cholesterol}^2 * \text{Total_Cholesterol}$
2411 $\text{medications_lifetime_cost} \leq e^{\text{Hemoglobin_Mass_volume_in_Blood} / \text{encounters_lifetime_perc_covered}}$
2412 $\text{medications_lifetime_cost} \leq \text{Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count} * \text{active_care_plan_length}^2$
2413 $\text{medications_lifetime_cost} \leq \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma} * \text{Body_Height}^2$
2414 $\text{medications_lifetime_cost} \leq 10^{\text{Albumin_Mass_volume_in_Serum,Plasma} * \text{mean_Low_Density_Lipoprotein_Cholesterol}}$
2415 $\text{medications_lifetime_cost} \leq \text{Glucose} * \text{Sodium}^2$
2416 $\text{medications_lifetime_cost} \leq 2 * \text{healthcare_expenses} / \text{medications_lifetime_perc_covered}$
2417 $\text{medications_lifetime_cost} \leq \text{Total_Cholesterol}^2 * \text{mean_Microalbumin_Creatinine_Ratio}$
2418 $\text{medications_lifetime_cost} \leq (2 * \text{Urea_Nitrogen})^{\text{active_conditions}}$
2419 $\text{medications_lifetime_cost} \leq \text{QALY}^2 * \text{medications_lifetime_dispenses}$
2420 $\text{medications_lifetime_cost} \leq \text{healthcare_expenses} * \log(\text{encounters_lifetime_total_cost}) / \log(10)$
2421 $\text{medications_lifetime_cost} \leq \text{active_condition_length} * e^{\text{Estimated_Glomerular_Filtration_Rate}}$
2422 $\text{medications_lifetime_cost} \leq \text{medications_lifetime_dispenses}^2 / \text{num_allergies}$
2423 $\text{medications_lifetime_cost} \leq e^{\text{active_care_plans} * \text{healthcare_expenses}}$
2424 $\text{medications_lifetime_cost} \leq \text{maximum}(\text{healthcare_expenses}, e^{\text{active_care_plan_length}})$
2425 $\text{medications_lifetime_cost} \leq \sqrt{\text{active_care_plan_length}}^{\text{mean_Urea_Nitrogen}}$
2426 $\text{medications_lifetime_cost} \leq \text{Platelets_volume_in_Blood_by_Automated_count}$

2*active_conditions
2427 $medications_lifetime_cost \leq (\log(Heart_rate) / \log(10))^{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}$
2428 $medications_lifetime_cost \leq \text{maximum}(\text{healthcare_expenses}, e^{active_condition_length})$
2429 $medications_lifetime_cost \leq \text{encounters_lifetime_payer_coverage}^2 / \text{device_lifetime_length}$
2430 $medications_lifetime_cost \leq \text{Bilirubin_total_Mass_volume_in_Serum,Plasma} * \text{encounters_lifetime_payer_coverage}^2$
2431 $medications_lifetime_cost \leq \log(\text{encounters_lifetime_payer_coverage})^{mean_Urea_Nitrogen}$
2432 $medications_lifetime_cost \leq Heart_rate * Sodium^2$
2433 $medications_lifetime_cost \leq (\text{Body_Height}^2)^{Prostate_specific_Ag_Mass_volume_in_Serum,Plasma}$
2434 $medications_lifetime_cost \leq 2 * Sodium * medications_lifetime_length$
2435 $medications_lifetime_cost \leq \text{Globulin_Mass_volume_in_Serum_by_calculation} * e^{Respiratory_rate}$
2436 $medications_lifetime_cost \leq \text{medications_lifetime_dispenses}^2 - \text{Estimated_Glomerular_Filtration_Rate}$
2437 $medications_lifetime_cost \leq \text{medications_lifetime_dispenses}^2 - \text{Microalbumin_Creatinine_Ratio}$
2438 $medications_lifetime_cost \leq (1/2 * \text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma})^{mean_Potassium}$
2439 $medications_lifetime_cost \leq \text{encounters_count} * e^{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count}$
2440 $medications_lifetime_cost \leq (\log(\text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count}) / \log(10))^{MCH_Entitic_mass_by_Automated_count}$
2441 $medications_lifetime_cost \leq (\log(\text{Diastolic_Blood_Pressure}) / \log(10))^{mean_Carbon_Dioxide}$
2442 $medications_lifetime_cost \leq \text{Body_Height} * \text{Body_Weight}^2$
2443 $medications_lifetime_cost \geq \text{device_lifetime_length}$
2444 $medications_lifetime_cost \geq 1/2 * \text{Estimated_Glomerular_Filtration_Rate} * medications_lifetime_length$
2445 $medications_lifetime_cost \geq 1/2 * \text{encounters_count} * medications_lifetime_dispenses$
2446 $medications_lifetime_cost \geq \text{lifetime_condition_length}^2 * medications_lifetime_perc_covered$
2447 $medications_lifetime_cost \geq \text{Platelets_volume_in_Blood_by_Automated_count} * \sqrt{medications_lifetime_length}$
2448 $medications_lifetime_cost \geq 10^{Albumin_Mass_volume_in_Serum,Plasma} * Creatinine$
2449 $medications_lifetime_cost \geq (\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma} + 1) * \text{encounters_lifetime_payer_coverage}$
2450 $medications_lifetime_cost \geq 2 * \text{lifetime_care_plans} * medications_lifetime_length$
2451 $medications_lifetime_cost \geq 2 * \text{encounters_lifetime_total_cost} * medications_active$
2452 $medications_lifetime_cost \geq \text{Prostate_specific_Ag_Mass_volume_in_Serum,Plasma}$

$ma^2 * medications_lifetime_length$
2453 $medications_lifetime_cost \geq medications_lifetime_dispenses^2 / Carbon_Dioxide$
2454 $medications_lifetime_cost \geq active_condition_length^2 * medications_active$
2455 $medications_lifetime_cost \geq \sqrt{healthcare_expenses} * mean_Microalbumin_Creatinine_Ratio$
2456 $medications_lifetime_cost \geq (active_conditions + 1)^{Prostate_specific_Ag_Mass_volume_in_Serum, Plasma}$
2457 $medications_lifetime_cost \geq (Triglycerides^2)^{Bilirubin_total_Mass_volume_in_Serum, Plasma}$
2458 $medications_lifetime_cost \geq medications_active^{active_care_plans}$
2459 $medications_lifetime_cost \geq device_lifetime_length^2 * mean_Triglycerides$
2460 $medications_lifetime_cost \geq healthcare_coverage * imaging_studies_lifetime^2$
2461
 $medications_lifetime_cost \geq medications_active^2 * medications_lifetime_dispenses$
2462 $medications_lifetime_cost \geq 2 * Triglycerides * medications_lifetime$
2463 $medications_lifetime_cost \geq (-Globulin_Mass_volume_in_Serum_by_calculation)^{active_conditions}$
2464 $medications_lifetime_cost \geq 2 * healthcare_expenses / Estimated_Glomerular_Filtration_Rate$
2465 $medications_lifetime_cost \geq (\log(Low_Density_Lipoprotein_Cholesterol) / \log(10))^{Respiratory_rate}$
2466 $medications_lifetime_cost \geq 1/2 * healthcare_coverage * medications_lifetime_perc_covered$
2467 $medications_lifetime_cost \geq (1/2 * Estimated_Glomerular_Filtration_Rate)^{mean_Creatinine}$
2468 $medications_lifetime_cost \geq Total_Cholesterol + 1/2 * healthcare_coverage$
2469 $medications_lifetime_cost \geq \sqrt{active_condition_length} * medications_lifetime_length$
2470 $medications_lifetime_cost \geq medications_lifetime_dispenses^2 / active_care_plan_length$
2471 $medications_lifetime_cost \geq Low_Density_Lipoprotein_Cholesterol * e^{lifetime_care_plans}$
2472 $medications_lifetime_cost \geq Low_Density_Lipoprotein_Cholesterol^2 + encounters_lifetime_total_cost$
2473 $medications_lifetime_cost \geq \sqrt{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma} * encounters_lifetime_total_cost$
2474 $medications_lifetime_cost \geq active_care_plan_length^2 * mean_Estimated_Glomerular_Filtration_Rate$
2475 $medications_lifetime_cost \geq 2 * healthcare_coverage * mean_Bilirubin_total_Mass_volume_in_Serum, Plasma$
2476 $medications_lifetime_cost \geq Microalbumin_Creatinine_Ratio^2 + procedures_lifetime_cost$
2477 $medications_lifetime_cost \geq (Globulin_Mass_volume_in_Serum_by_calculation^2)^{mean_Potassium}$
2478 $medications_lifetime_cost \geq Prostate_specific_Ag_Mass_volume_in_Serum, Plasma^2 * encounters_lifetime_payer_coverage$
2479 $medications_lifetime_cost \geq e^{Respiratory_rate / Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma}$

2480 medications_lifetime_cost>=High_Density_Lipoprotein_Cholesterol^2*device_lifetime_length
 2481 medications_lifetime_cost>=(1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^Calcium
 2482 medications_lifetime_cost>=(1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^DALY
 2483 medications_lifetime_cost>=encounters_lifetime_payer_coverage*log(medications_lifetime_length)
 2484 medications_lifetime_cost>=e^num_allergies*medications_lifetime_dispenses
 2485 medications_lifetime_cost>=10^active_care_plans*imaging_studies_lifetime
 2486 medications_lifetime_cost>=10^active_care_plans+Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 2487 medications_lifetime_cost>=(2*medications_active)^Albumin__Mass_volume__in_Serum,Plasma
 2488 medications_lifetime_cost>=Body_Height^2-healthcare_expenses
 2489 medications_lifetime_cost>=medications_lifetime_dispenses^2/Aspartate_amino_transferase__Enzymatic_activity_volume__in_Serum,Plasma
 2490 medications_lifetime_cost>=medications_lifetime_dispenses^2/Microalbumin_Creatinine_Ratio
 2491 medications_lifetime_cost>=sqrt(medications_lifetime)*medications_lifetime_length
 2492
 medications_lifetime_cost>=sqrt(device_lifetime_length)*procedures_lifetime_cost
 2493 medications_lifetime_cost>=2*Estimated_Glomerular_Filtration_Rate*immunizations_lifetime_cost
 2494 medications_lifetime_cost>=medications_lifetime^2/Creatinine
 2495 medications_lifetime_cost>=e^Creatinine*medications_lifetime
 2496 medications_lifetime_cost>=(medications_active^2)^Globulin__Mass_volume__in_Serum_by_calculation
 2497 medications_lifetime_cost>=(e^Bilirubin_total__Mass_volume__in_Serum,Plasma)^Respiratory_rate
 2498 medications_lifetime_cost>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported*e^Leukocytes___volume__in_Blood_by_Automated_count
 2499 medications_lifetime_cost>=healthcare_coverage*log(Pain_severity___0_10_verbal_numeric_rating__Score___Reported)/log(10)
 2500 medications_lifetime_cost>=Body_Height^2*medications_lifetime_perc_covered
 2501
 medications_lifetime_cost>=Estimated_Glomerular_Filtration_Rate^2*Urea_Nitrogen
 2502 medications_lifetime_cost>=(log(High_Density_Lipoprotein_Cholesterol)/log(10))^Urea_Nitrogen
 2503 medications_lifetime_cost>=(-Creatinine)^Calcium
 2504 medications_lifetime_cost>=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*medications_lifetime_length
 2505 medications_lifetime_cost>=(log(Carbon_Dioxide)/log(10))^Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2506 medications_lifetime_cost>=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)^Potassium
 2507

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medications_lifetime_cost>=(Albumin__Mass_volume__in_Serum,Plasma^2)^Creatinine
2508 medications_lifetime_cost>=healthcare_coverage*log(Prostate_specific_Ag__Ma
ss_volume__in_Serum,Plasma)
2509
medications_lifetime_perc_covered<=floor(Body_Mass_Index)/mean_Body_Mass_Index
2510 medications_lifetime_perc_covered<=healthcare_coverage
2511 medications_lifetime_perc_covered<=medications_lifetime
2512 medications_lifetime_perc_covered<=log(Body_Height)-num_allergies
2513 medications_lifetime_perc_covered<=encounters_lifetime_payer_coverage
2514 medications_lifetime_perc_covered<=encounters_lifetime_perc_covered*log(Low
_Density_Lipoprotein_Cholesterol)/log(10)
2515 medications_lifetime_perc_covered<=sqrt(QOLS)+immunizations_lifetime
2516 medications_lifetime_perc_covered<=1/2*healthcare_coverage/encounters_lifet
ime_total_cost
2517 medications_lifetime_perc_covered<=-medications_active+medications_lifetime
2518 medications_lifetime_perc_covered<=Albumin__Mass_volume__in_Serum,Plasma/de
vice_lifetime_length
2519 medications_lifetime_perc_covered<=10^immunizations_lifetime/Prostate_speci
fic_Ag__Mass_volume__in_Serum,Plasma
2520 medications_lifetime_perc_covered<=2*Low_Density_Lipoprotein_Cholesterol/me
an_Triglycerides
2521 medications_lifetime_perc_covered<=2*Calcium/Aspartate_aminotransferase__En
zymatic_activity_volume__in_Serum,Plasma
2522 medications_lifetime_perc_covered<=(1/2*Prostate_specific_Ag__Mass_volume__
in_Serum,Plasma)^Body_Mass_Index
2523 medications_lifetime_perc_covered<=(Prostate_specific_Ag__Mass_volume__in_S
erum,Plasma-1)^Urea_Nitrogen
2524 medications_lifetime_perc_covered<=2*Chloride/Microalbumin_Creatinine_Ratio
2525 medications_lifetime_perc_covered<=lifetime_condition_length/mean_Glucose
2526 medications_lifetime_perc_covered<=maximum(Respiratory_rate,Bilirubin_total
__Mass_volume__in_Serum,Plasma)
2527 medications_lifetime_perc_covered<=1/2*healthcare_coverage/medications_lif
etime_length
2528 medications_lifetime_perc_covered<=medications_lifetime^2/lifetime_care_pla
n_length
2529 medications_lifetime_perc_covered<=10^QOLS/Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma
2530
medications_lifetime_perc_covered<=DALY^2/MCHC__Mass_volume__by_Automated_count
2531 medications_lifetime_perc_covered<=(1/immunizations_lifetime)^FEV1_FVC
2532 medications_lifetime_perc_covered<=lifetime_care_plans-num_allergies
2533 medications_lifetime_perc_covered<=Pain_severity___0_10_verbal_numeric_rati
ng__Score____Reported^device_lifetime_length
2534 medications_lifetime_perc_covered<=active_care_plans/Creatinine
2535 medications_lifetime_perc_covered<=(log(Creatinine)/log(10))^Bilirubin_tota
l__Mass_volume__in_Serum,Plasma
2536 medications_lifetime_perc_covered<=QOLS*log(latitude)
2537 medications_lifetime_perc_covered<=encounters_lifetime_perc_covered*log(lif

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etime_conditions)
2538 medications_lifetime_perc_covered<=1/2*active_conditions*encounters_lifetime_perc_covered
2539 medications_lifetime_perc_covered<=log(device_lifetime_length)^2/log(10)^2
2540 medications_lifetime_perc_covered<=1/lifetime_conditions+DALY
2541 medications_lifetime_perc_covered<=(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+1)/mean_Urea_Nitrogen
2542 medications_lifetime_perc_covered<=immunizations_lifetime^NT_proBNP
2543 medications_lifetime_perc_covered<=encounters_count/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
2544 medications_lifetime_perc_covered<=log(Microalbumin_Creatinine_Ratio)/active_care_plans
2545 medications_lifetime_perc_covered<=(encounters_count-1)/Microalbumin_Creatinine_Ratio
2546 medications_lifetime_perc_covered<=2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/Low_Density_Lipoprotein_Cholesterol
2547 medications_lifetime_perc_covered<=mean_Estimated_Glomerular_Filtration_Rate/device_lifetime_length
2548 medications_lifetime_perc_covered<=(Potassium-1)/mean_Creatinine
2549 medications_lifetime_perc_covered<=floor(DALY)^Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
2550 medications_lifetime_perc_covered<=sqrt(encounters_lifetime_perc_covered)+procedures_lifetime
2551 medications_lifetime_perc_covered<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,2*Bilirubin_total__Mass_volume__in_Serum,Plasma)
2552 medications_lifetime_perc_covered<=log(active_care_plans)*mean_Creatinine
2553 medications_lifetime_perc_covered<=2*Heart_rate/mean_Systolic_Blood_Pressure
2554 medications_lifetime_perc_covered<=1/2*Body_Mass_Index/Urea_Nitrogen
2555 medications_lifetime_perc_covered<=10^Globulin__Mass_volume__in_Serum_by_calculation/Total_Cholesterol
2556 medications_lifetime_perc_covered<=1/2*Urea_Nitrogen/medications_active
2557 medications_lifetime_perc_covered<=log(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)/(log(10)*mean_Pain_severity__0_10_verbal_numeric_rating__Score____Reported)
2558 medications_lifetime_perc_covered<=log(log(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)/log(10))
2559 medications_lifetime_perc_covered<=1/2*Body_Weight/Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
2560 medications_lifetime_perc_covered<=10^Pain_severity__0_10_verbal_numeric_rating__Score____Reported/Albumin__Mass_volume__in_Serum,Plasma
2561 medications_lifetime_perc_covered<=Diastolic_Blood_Pressure+longitude+1
2562 medications_lifetime_perc_covered<=2*healthcare_expenses/medications_lifetime_cost
2563 medications_lifetime_perc_covered<=Creatinine*sqrt(active_care_plans)
2564 medications_lifetime_perc_covered<=log(1/2*Albumin__Mass_volume__in_Serum,Plasma)
2565 medications_lifetime_perc_covered<=Erythrocytes____volume__in_Blood_by_Auto

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mated_count*encounters_lifetime_perc_covered^2
2566 medications_lifetime_perc_covered<=(log(Microalbumin_Creatinine_Ratio)/log(
10))^Potassium
2567 medications_lifetime_perc_covered<=Microalbumin_Creatinine_Ratio-
Pain_severity___0_10_verbal_numeric_rating__Score___Reported
2568 medications_lifetime_perc_covered<=2*QOLS+device_lifetime_length
2569 medications_lifetime_perc_covered<=mean_Creatinine/QOLS
2570 medications_lifetime_perc_covered<=maximum(QOLS,log(active_care_plans))
2571 medications_lifetime_perc_covered<=maximum(Triglycerides,mean_Pain_severity
___0_10_verbal_numeric_rating__Score___Reported)
2572
medications_lifetime_perc_covered<=e^active_care_plans/device_lifetime_length
2573 medications_lifetime_perc_covered<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blo
od/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
2574 medications_lifetime_perc_covered<=-Pain_severity___0_10_verbal_numeric_rat
ing__Score___Reported+active_conditions+1
2575 medications_lifetime_perc_covered<=lifetime_condition_length^2/medications_
lifetime_length
2576 medications_lifetime_perc_covered<=Albumin__Mass_volume__in_Serum,Plasma/de
vice_lifetime_length
2577 medications_lifetime_perc_covered<=2*encounters_lifetime_payer_coverage/enc
ounters_lifetime_total_cost
2578 medications_lifetime_perc_covered<=10^encounters_lifetime_perc_covered/Albu
min__Mass_volume__in_Serum,Plasma
2579 medications_lifetime_perc_covered<=1/2*Prostate_specific_Ag__Mass_volume__i
n_Serum,Plasma*encounters_lifetime_perc_covered
2580 medications_lifetime_perc_covered<=log(Hemoglobin_A1c_Hemoglobin_total_in_B
lood)/log(10)+medications_active
2581 medications_lifetime_perc_covered<=maximum(Respiratory_rate,sqrt(encounters
_lifetime_perc_covered))
2582 medications_lifetime_perc_covered<=-imaging_studies_lifetime+log(Prostate_s
pecific_Ag__Mass_volume__in_Serum,Plasma)
2583
medications_lifetime_perc_covered<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood-
active_care_plans
2584 medications_lifetime_perc_covered<=medications_active^2/Prostate_specific_A
g__Mass_volume__in_Serum,Plasma
2585 medications_lifetime_perc_covered<=(log(Urea_Nitrogen)/log(10))^Platelet_me
an_volume__Entitic_volume__in_Blood_by_Automated_count
2586 medications_lifetime_perc_covered<=encounters_lifetime_perc_covered*log(Glu
cose)/log(10)
2587 medications_lifetime_perc_covered<=Alkaline_phosphatase__Enzymatic_activity
_volume__in_Serum,Plasma^2/medications_lifetime_dispenses
2588 medications_lifetime_perc_covered<=e^Albumin__Mass_volume__in_Serum,Plasma/
Glucose
2589 medications_lifetime_perc_covered<=minimum(Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma,Bilirubin_total__Mass_volume__in_Serum,Plasma^2)
2590 medications_lifetime_perc_covered<=ceil(Erythrocytes___volume__in_Blood_by

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```

_Automated_count)-mean_Creatinine
2591 medications_lifetime_perc_covered>=log(encounters_lifetime_total_cost)/log(
10)-Leukocytes___volume__in_Blood_by_Automated_count
2592 medications_lifetime_perc_covered>=-healthcare_coverage
2593 medications_lifetime_perc_covered>=-num_allergies
2594 medications_lifetime_perc_covered>=-device_lifetime_length
2595 medications_lifetime_perc_covered>=log(Bilirubin_total__Mass_volume__in_Ser
um,Plasma)*medications_active/log(10)
2596 medications_lifetime_perc_covered>=sqrt(num_allergies)/mean_Estimated_Glome
rular_Filtration_Rate
2597 medications_lifetime_perc_covered>=(device_lifetime_length-1)/Protein__Mass
_volume__in_Serum,Plasma
2598 medications_lifetime_perc_covered>=minimum(device_lifetime_length,log(immun
izations_lifetime))
2599 medications_lifetime_perc_covered>=-Hemoglobin_A1c_Hemoglobin_total_in_Bloo
d+log(device_lifetime_length)
2600 medications_lifetime_perc_covered>=sqrt(High_Density_Lipoprotein_Cholesterol)-Calcium
2601
medications_lifetime_perc_covered>=log(log(procedures_lifetime)/log(10))/log(10)
2602 medications_lifetime_perc_covered>=2*imaging_studies_lifetime/mean_Estimate
d_Glomerular_Filtration_Rate
2603 medications_lifetime_perc_covered>=DALY-
mean_High_Density_Lipoprotein_Cholesterol
2604 medications_lifetime_perc_covered>=Body_Weight-Systolic_Blood_Pressure
2605 medications_lifetime_perc_covered>=log(encounters_lifetime_payer_coverage)/
log(10)-Potassium
2606 medications_lifetime_perc_covered>=sqrt(procedures_lifetime)-mean_Calcium
2607 medications_lifetime_perc_covered>=Bilirubin_total__Mass_volume__in_Serum,P
lasma-Creatinine
2608 medications_lifetime_perc_covered>=active_condition_length-age+1
2609 medications_lifetime_perc_covered>=-Hemoglobin_A1c_Hemoglobin_total_in_Bloo
d+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
2610 medications_lifetime_perc_covered>=sqrt(device_lifetime_length)/mean_Estima
ted_Glomerular_Filtration_Rate
2611 medications_lifetime_perc_covered>=maximum(DXA__T_score__Bone_density,-heal
thcare_expenses)
2612 medications_lifetime_perc_covered>=1/latitude-DALY
2613 medications_lifetime_perc_covered>=log(Potassium)/log(10)-DALY
2614 medications_lifetime_perc_covered>=-Body_Mass_Index+1/2*latitude
2615 medications_lifetime_perc_covered>=log(Glomerular_filtration_rate_1_73_sq_M
_predicted)-medications_lifetime
2616 medications_lifetime_perc_covered>=-active_care_plan_length+log(procedures_
lifetime)
2617 medications_lifetime_perc_covered>=-Leukocytes___volume__in_Blood_by_Autom
ated_count+active_care_plans-1
2618 medications_lifetime_perc_covered>=1/2*age-latitude
2619 medications_lifetime_perc_covered>=sqrt(lifetime_care_plans)-Globulin__Mass

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$\text{volume_in_Serum_by_calculation}$
 2620 $\text{medications_lifetime_perc_covered} \geq -\text{Hemoglobin_Mass_volume_in_Blood} + 2 * \text{lifetime_care_plans}$
 2621 $\text{medications_lifetime_perc_covered} \geq 1/2 * \text{imaging_studies_lifetime_procedures_lifetime}$
 2622 $\text{medications_lifetime_perc_covered} \geq -\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} + \log(\text{active_conditions})$
 2623 $\text{medications_lifetime_perc_covered} \geq 1/\text{Bilirubin_total_Mass_volume_in_Serum, Plasma-Calcium}$
 2624 $\text{medications_lifetime_perc_covered} \geq \text{ceil}(\text{active_condition_length}) - \text{mean_Low_Density_Lipoprotein_Cholesterol}$
 2625 $\text{medications_lifetime_perc_covered} \geq \text{ceil}(\text{device_lifetime_length}) / \text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma}$
 2626 $\text{medications_lifetime_perc_covered} \geq -\text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count} + \log(\text{encounters_lifetime_total_cost})$
 2627 $\text{medications_lifetime_perc_covered} \geq \text{sqrt}(\text{High_Density_Lipoprotein_Cholesterol}) - \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma}$
 2628 $\text{medications_lifetime_perc_covered} \geq 1/\text{Protein_Mass_volume_in_Serum, Plasma-immunizations_lifetime}$
 2629 $\text{medications_lifetime_perc_covered} \geq 1/\text{Estimated_Glomerular_Filtration_Rate-procedures_lifetime}$
 2630 $\text{medications_lifetime_perc_covered} \geq 2 * \text{imaging_studies_lifetime} / \text{Microalbumin_Creatinine_Ratio}$
 2631 $\text{medications_lifetime_perc_covered} \geq \text{Estimated_Glomerular_Filtration_Rate} - \text{Heart_rate} - 1$
 2632 $\text{medications_lifetime_perc_covered} \geq -\text{Globulin_Mass_volume_in_Serum_by_calculation} + \text{immunizations_lifetime} + 1$
 2633 $\text{medications_lifetime_perc_covered} \geq \log(\text{immunizations_lifetime}) / (\text{Estimated_Glomerular_Filtration_Rate} * \log(10))$
 2634 $\text{medications_lifetime_perc_covered} \geq (\text{Bilirubin_total_Mass_volume_in_Serum, Plasma} - 1)^{\text{mean_Respiratory_rate}}$
 2635 $\text{medications_lifetime_perc_covered} \geq \log(\text{QOLS})^{\text{mean_Calcium}}$
 2636 $\text{medications_lifetime_perc_covered} \geq 1/\text{Respiratory_rate-immunizations_lifetime}$
 2637 $\text{medications_lifetime_perc_covered} \geq (1/\text{Systolic_Blood_Pressure})^{\text{Body_Height}}$
 2638 $\text{medications_lifetime_perc_covered} \geq 1/\text{Glomerular_filtration_rate_1_73_sq_M_predicted-immunizations_lifetime}$
 2639 $\text{medications_lifetime_perc_covered} \geq -\text{Potassium} + \text{ceil}(\text{Globulin_Mass_volume_in_Serum_by_calculation})$
 2640 $\text{medications_lifetime_perc_covered} \geq -\text{Albumin_Mass_volume_in_Serum, Plasma} + \text{ceil}(\text{Globulin_Mass_volume_in_Serum_by_calculation})$
 2641 $\text{medications_lifetime_perc_covered} \geq \log(\text{Globulin_Mass_volume_in_Serum_by_calculation}) / \log(10) - \text{QOLS}$
 2642 $\text{medications_lifetime_perc_covered} \geq 1/2 * \text{Bilirubin_total_Mass_volume_in_Serum, Plasma-encounters_lifetime_perc_covered}$
 2643 $\text{medications_lifetime_perc_covered} \geq (1/\text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma})^{\text{Total_Cholesterol}}$
 2644 $\text{medications_lifetime_perc_covered} \geq 1/\text{Erythrocytes_volume_in_Blood_by_Au}$


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tomated_count-procedures_lifetime
2645 medications_lifetime_length<=sqrt(latitude)*medications_lifetime_dispenses
2646 medications_lifetime_length<=medications_lifetime_cost
2647
medications_lifetime_length<=(1/2*active_care_plan_length)^healthcare_expenses
2648 medications_lifetime_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*longi
tude^2
2649 medications_lifetime_length<=Heart_rate^2*Prostate_specific_Ag__Mass_volume
__in_Serum,Plasma
2650 medications_lifetime_length<=2*Diastolic_Blood_Pressure*lifetime_care_plan_
length
2651 medications_lifetime_length<=Triglycerides^2-medications_lifetime
2652 medications_lifetime_length<=sqrt(Total_Cholesterol)^Albumin__Mass_volume__
in_Serum,Plasma
2653 medications_lifetime_length<=log(Chloride)*medications_lifetime_dispenses
2654 medications_lifetime_length<=10^Erythrocytes____volume__in_Blood_by_Automat
ed_count-encounters_count
2655 medications_lifetime_length<=e^Estimated_Glomerular_Filtration_Rate-
mean_Low_Density_Lipoprotein_Cholesterol
2656
medications_lifetime_length<=active_care_plan_length*sqrt(healthcare_expenses)
2657 medications_lifetime_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*age^2
2658 medications_lifetime_length<=Protein__Mass_volume__in_Serum,Plasma*e^active
_conditions
2659 medications_lifetime_length<=1/2*e^mean_Aspartate_aminotransferase__Enzymat
ic_activity_volume__in_Serum,Plasma
2660 medications_lifetime_length<=1/2*encounters_lifetime_total_cost+healthcare_
coverage
2661 medications_lifetime_length<=log(Systolic_Blood_Pressure)*medications_lifet
ime_dispenses
2662 medications_lifetime_length<=2*healthcare_expenses/Carbon_Dioxide
2663 medications_lifetime_length<=Hemoglobin__Mass_volume__in_Blood*sqrt(healthc
are_expenses)
2664 medications_lifetime_length<=Body_Mass_Index^2*mean_Aspartate_aminotransfer
ase__Enzymatic_activity_volume__in_Serum,Plasma
2665 medications_lifetime_length<=(Carbon_Dioxide-1)^medications_lifetime
2666 medications_lifetime_length<=(Albumin__Mass_volume__in_Serum,Plasma+1)*medi
cations_lifetime_dispenses
2667 medications_lifetime_length<=(MCV__Entitic_volume__by_Automated_count-1)*li
fetime_care_plan_length
2668 medications_lifetime_length<=mean_Aspartate_aminotransferase__Enzymatic_act
ivity_volume__in_Serum,Plasma^Albumin__Mass_volume__in_Serum,Plasma
2669 medications_lifetime_length<=2*10^encounters_count
2670 medications_lifetime_length<=ceil(active_care_plan_length)^mean_Hemoglobin_
A1c_Hemoglobin_total_in_Blood
2671 medications_lifetime_length<=(Hemoglobin__Mass_volume__in_Blood+1)*encounte
rs_lifetime_payer_coverage
2672 medications_lifetime_length<=(Protein__Mass_volume__in_Serum,Plasma-1)^acti

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ve_care_plans
 2673
 $\text{medications_lifetime_length} \leq 2 * \text{medications_lifetime_cost} / \text{lifetime_conditions}$
 2674 $\text{medications_lifetime_length} \leq \text{Body_Height}^2 / \text{Globulin_Mass_volume_in_Serum_by_calculation}$
 2675 $\text{medications_lifetime_length} \leq \text{mean_Chloride}^{\wedge} \text{Globulin_Mass_volume_in_Serum_by_calculation}$
 2676 $\text{medications_lifetime_length} \leq \text{sqrt}(\text{lifetime_care_plan_length}) * \text{medications_lifetime_dispenses}$
 2677 $\text{medications_lifetime_length} \leq \text{MCV_Entitic_volume_by_Automated_count}^2 + \text{encounters_lifetime_payer_coverage}$
 2678 $\text{medications_lifetime_length} \leq e^{\wedge} \text{active_care_plan_length} / \text{immunizations_lifetime_cost}$
 2679 $\text{medications_lifetime_length} \leq (\text{Glucose} - 1) * \text{lifetime_condition_length}$
 2680 $\text{medications_lifetime_length} \leq \text{Chloride}^{\wedge} \text{active_care_plans}$
 2681 $\text{medications_lifetime_length} \leq \text{mean_Heart_rate} * \text{mean_Total_Cholesterol}$
 2682 $\text{medications_lifetime_length} \leq \text{sqrt}(\text{Body_Mass_Index}) * \text{medications_lifetime_dispenses}$
 2683 $\text{medications_lifetime_length} \leq \text{Body_Weight}^2 + \text{encounters_lifetime_total_cost}$
 2684 $\text{medications_lifetime_length} \leq (\log(\text{medications_lifetime_cost}) / \log(10))^{\wedge} \text{mean_Microalbumin_Creatinine_Ratio}$
 2685
 $\text{medications_lifetime_length} \leq (\text{active_care_plan_length} + 1)^{\wedge} \text{lifetime_conditions}$
 2686
 $\text{medications_lifetime_length} \leq \log(\text{Body_Height}) * \text{medications_lifetime_dispenses}$
 2687 $\text{medications_lifetime_length} \leq \log(\text{Carbon_Dioxide})^{\wedge} \text{Calcium}$
 2688 $\text{medications_lifetime_length} \leq (\text{Calcium} - 1) * \text{encounters_lifetime_total_cost}$
 2689
 $\text{medications_lifetime_length} \leq \log(\text{Triglycerides}) * \text{medications_lifetime_dispenses}$
 2690 $\text{medications_lifetime_length} \leq \text{lifetime_care_plan_length}^2 - \text{MCV_Entitic_volume_by_Automated_count}$
 2691 $\text{medications_lifetime_length} \leq \text{Body_Height} * \text{Microalbumin_Creatinine_Ratio}^2$
 2692 $\text{medications_lifetime_length} \leq (\text{lifetime_care_plan_length} + 1) * \text{Triglycerides}$
 2693 $\text{medications_lifetime_length} \leq \text{Low_Density_Lipoprotein_Cholesterol} * \text{Respiratory_rate}^2$
 2694 $\text{medications_lifetime_length} \leq 10^{\wedge} \text{medications_lifetime_Prostate_specific_Ag_Mass_volume_in_Serum,Plasma}$
 2695 $\text{medications_lifetime_length} \leq 2 * \text{High_Density_Lipoprotein_Cholesterol} * \text{Total_Cholesterol}$
 2696 $\text{medications_lifetime_length} \leq 10^{\wedge} \text{Albumin_Mass_volume_in_Serum,Plasma} * \text{mean_Creatinine}$
 2697 $\text{medications_lifetime_length} \leq e^{\wedge} \text{Potassium} * \text{lifetime_condition_length}$
 2698 $\text{medications_lifetime_length} \leq \log(\text{encounters_lifetime_total_cost}) * \text{medications_lifetime_dispenses}$
 2699 $\text{medications_lifetime_length} \leq 2 * \text{Globulin_Mass_volume_in_Serum_by_calculation} * \text{encounters_lifetime_payer_coverage}$
 2700 $\text{medications_lifetime_length} \leq \text{medications_lifetime_dispenses}^2 / \text{DALY}$
 2701 $\text{medications_lifetime_length} \leq \text{sqrt}(\text{Alanine_aminotransferase_Enzymatic_activ})$

$\text{ity_volume_in_Serum,Plasma}) * \text{medications_lifetime_dispenses}$
2702 $\text{medications_lifetime_length} \leq 10^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} + \text{encounters_lifetime_total_cost}}$
2703 $\text{medications_lifetime_length} \leq \text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count}^2 * \text{medications_lifetime}$
2704 $\text{medications_lifetime_length} \leq 2 * \text{medications_lifetime_cost} / \text{Estimated_Glomerular_Filtration_Rate}$
2705 $\text{medications_lifetime_length} \leq (\text{Leukocytes_volume_in_Blood_by_Automated_count}^2)^{\text{mean_Leukocytes_volume_in_Blood_by_Automated_count}}$
2706 $\text{medications_lifetime_length} \leq \sqrt{\text{healthcare_expenses}} * \text{mean_Carbon_Dioxide}$
2707 $\text{medications_lifetime_length} \leq 2 * \text{healthcare_coverage} / \text{num_allergies}$
2708 $\text{medications_lifetime_length} \geq \text{device_lifetime_length}$
2709 $\text{medications_lifetime_length} \geq \text{High_Density_Lipoprotein_Cholesterol} * e^{\text{num_allergies}}$
2710 $\text{medications_lifetime_length} \geq \log(\text{Hematocrit_Volume_Fraction_of_Blood_by_Automated_count}) * \text{medications_lifetime_dispenses}$
2711 $\text{medications_lifetime_length} \geq \text{ceil}(\text{Globulin_Mass_volume_in_Serum_by_calculation}) * \text{medications_lifetime_dispenses}$
2712 $\text{medications_lifetime_length} \geq \log(\text{lifetime_care_plan_length})^{\text{Albumin_Mass_volume_in_Serum,Plasma}}$
2713 $\text{medications_lifetime_length} \geq 1/2 * \text{Total_Cholesterol} * \text{active_conditions}$
2714
 $\text{medications_lifetime_length} \geq \text{Microalbumin_Creatinine_Ratio} * \text{active_care_plans}^2$
2715
 $\text{medications_lifetime_length} \geq \log(\text{Carbon_Dioxide}) * \text{medications_lifetime_dispenses}$
2716 $\text{medications_lifetime_length} \geq \log(\text{device_lifetime_length}) * \text{medications_lifetime_dispenses}$
2717 $\text{medications_lifetime_length} \geq (\text{encounters_lifetime_payer_coverage} + 1) / \text{mean_Albumin_Mass_volume_in_Serum,Plasma}$
2718 $\text{medications_lifetime_length} \geq (\text{device_lifetime_length} + 1) * \text{Low_Density_Lipoprotein_Cholesterol}$
2719 $\text{medications_lifetime_length} \geq \sqrt{\text{medications_active}} * \text{medications_lifetime_dispenses}$
2720
 $\text{medications_lifetime_length} \geq 1/2 * \text{Microalbumin_Creatinine_Ratio} * \text{Urea_Nitrogen}$
2721 $\text{medications_lifetime_length} \geq \text{imaging_studies_lifetime}^{\text{Urea_Nitrogen}}$
2722 $\text{medications_lifetime_length} \geq \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma} * \text{active_conditions}^2$
2723 $\text{medications_lifetime_length} \geq \sqrt{\text{Hemoglobin_Mass_volume_in_Blood}} * \text{medications_lifetime_dispenses}$
2724 $\text{medications_lifetime_length} \geq \text{latitude} * \text{medications_active}$
2725
 $\text{medications_lifetime_length} \geq \text{lifetime_condition_length} * \log(\text{medications_active})$
2726 $\text{medications_lifetime_length} \geq \log(\text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count}) * \text{medications_lifetime_dispenses}$
2727 $\text{medications_lifetime_length} \geq -\text{active_condition_length} + 2 * \text{medications_lifetime_dispenses}$
2728 $\text{medications_lifetime_length} \geq 2 * \text{medications_lifetime_dispenses} / \text{Creatinine}$

2729 medications_lifetime_length>=-encounters_lifetime_payer_coverage+2*medications_lifetime_dispenses
 2730 medications_lifetime_length>=floor(Albumin__Mass_volume__in_Serum,Plasma)*medications_lifetime_dispenses
 2731 medications_lifetime_length>=sqrt(Protein__Mass_volume__in_Serum,Plasma)*medications_lifetime
 2732 medications_lifetime_length>=-immunizations_lifetime_cost+2*medications_lifetime_dispenses
 2733 medications_lifetime_length>=Chloride*sqrt(Protein__Mass_volume__in_Serum,Plasma)
 2734 medications_lifetime_length>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*Calcium^2
 2735 medications_lifetime_length>=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*active_condition_length
 2736 medications_lifetime_length>=medications_lifetime_dispenses^Bilirubin_total__Mass_volume__in_Serum,Plasma
 2737 medications_lifetime_length>=active_care_plan_length^2+mean_Microalbumin_Creatinine_Ratio
 2738 medications_lifetime_length>=log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)^lifetime_care_plans
 2739 medications_lifetime_length>=sqrt(Calcium)*medications_lifetime_dispenses
 2740 medications_lifetime_length>=immunizations_lifetime_cost^2/mean_Total_Cholesterol
 2741 medications_lifetime_length>=sqrt(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)^Albumin__Mass_volume__in_Serum,Plasma
 2742 medications_lifetime_length>=1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count*device_lifetime_length
 2743 medications_lifetime_length>=(1/2*DALY)^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 2744 medications_lifetime_length>=2*medications_lifetime_dispenses-procedures_lifetime_cost
 2745 medications_lifetime_length>=2*Creatinine*medications_lifetime
 2746 medications_lifetime_length>=sqrt(Low_Density_Lipoprotein_Cholesterol)*encounters_count
 2747 medications_lifetime_length>=log(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)*medications_lifetime_dispenses
 2748 medications_lifetime_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+2*medications_lifetime_dispenses
 2749 medications_lifetime_length>=(2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^Creatinine
 2750 medications_lifetime_length>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported^2*mean_Microalbumin_Creatinine_Ratio
 2751 medications_lifetime_length>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*lifetime_conditions^2
 2752 medications_lifetime_length>=QALY^2-Microalbumin_Creatinine_Ratio
 2753 medications_lifetime_length>=-Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+1/2*encounters_lifetime_payer_coverage
 2754 medications_lifetime_length>=High_Density_Lipoprotein_Cholesterol*medications_lifetime_dispenses

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ns_active^2
2755 medications_lifetime_length>=encounters_lifetime_payer_coverage*log(imaging
_studies_lifetime)
2756
medications_lifetime_length>=-healthcare_coverage+2*immunizations_lifetime_cost
2757 medications_lifetime_length>=medications_lifetime^2/mean_Sodium
2758 medications_lifetime_length>=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*med
ications_lifetime
2759 medications_lifetime_length>=1/2*procedures_lifetime_cost/Microalbumin_Crea
tinine_Ratio
2760 medications_lifetime_length>=e^Creatinine*medications_active
2761 medications_lifetime_length>=2*Heart_rate/Bilirubin_total__Mass_volume__in_
Serum,Plasma
2762 medications_lifetime_length>=(-Pain_severity___0_10_verbal_numeric_rating__
Score____Reported)^Urea_Nitrogen
2763 medications_lifetime_length>=Low_Density_Lipoprotein_Cholesterol^2/active_c
ondition_length
2764 medications_lifetime_dispenses<=Chloride^2/Pain_severity___0_10_verbal_nume
ric_rating__Score____Reported
2765 medications_lifetime_dispenses<=medications_lifetime_cost
2766 medications_lifetime_dispenses<=(active_care_plan_length-1)*age
2767
medications_lifetime_dispenses<=medications_lifetime+medications_lifetime_length
2768 medications_lifetime_dispenses<=encounters_lifetime_total_cost*sqrt(medicat
ions_lifetime)
2769 medications_lifetime_dispenses<=e^sqrt(mean_Heart_rate)
2770 medications_lifetime_dispenses<=(latitude-1)*lifetime_care_plan_length
2771 medications_lifetime_dispenses<=10^Prostate_specific_Ag__Mass_volume__in_Se
rum,Plasma*lifetime_care_plan_length
2772 medications_lifetime_dispenses<=(2*Aspartate_aminotransferase__Enzymatic_ac
tivity_volume__in_Serum,Plasma)^active_care_plans
2773 medications_lifetime_dispenses<=maximum(encounters_lifetime_total_cost,1/im
aging_studies_lifetime)
2774 medications_lifetime_dispenses<=maximum(latitude,1/2*medications_lifetime_l
ength)
2775 medications_lifetime_dispenses<=1/2*medications_lifetime_cost/lifetime_cond
itions
2776 medications_lifetime_dispenses<=Protein__Mass_volume__in_Serum,Plasma*QALY
2777 medications_lifetime_dispenses<=(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
)^medications_lifetime
2778 medications_lifetime_dispenses<=1/2*10^Leukocytes___volume__in_Blood_by_Au
tomated_count
2779 medications_lifetime_dispenses<=medications_lifetime^2+healthcare_coverage
2780
medications_lifetime_dispenses<=(healthcare_expenses-1)/active_care_plan_length
2781
medications_lifetime_dispenses<=-Triglycerides+1/2*medications_lifetime_length
2782 medications_lifetime_dispenses<=-Microalbumin_Creatinine_Ratio+1/2*medicati

```

ons_lifetime_length
 2783 medications_lifetime_dispenses<=Low_Density_Lipoprotein_Cholesterol^2*QOLS
 2784 medications_lifetime_dispenses<=(healthcare_expenses-1)^mean_Creatinine
 2785 medications_lifetime_dispenses<=1/2*Creatinine*medications_lifetime_length
 2786 medications_lifetime_dispenses<=1/2*healthcare_coverage/num_allergies
 2787 medications_lifetime_dispenses<=-Prostate_specific_Ag__Mass_volume__in_Seru
 m,Plasma+1/2*medications_lifetime_length
 2788 medications_lifetime_dispenses<=(Microalbumin_Creatinine_Ratio+1)^Hemoglobi
 n_A1c_Hemoglobin_total_in_Blood
 2789 medications_lifetime_dispenses<=2*healthcare_coverage/Platelet_mean_volume_
 _Entitic_volume__in_Blood_by_Automated_count
 2790 medications_lifetime_dispenses<=1/2*Platelet_distribution_width__Entitic_vo
 lume__in_Blood_by_Automated_count*encounters_count
 2791 medications_lifetime_dispenses<=Heart_rate*active_care_plan_length
 2792 medications_lifetime_dispenses<=Triglycerides^2/num_allergies
 2793 medications_lifetime_dispenses<=Glucose^2/imaging_studies_lifetime
 2794 medications_lifetime_dispenses<=log(age)^Microalbumin_Creatinine_Ratio
 2795 medications_lifetime_dispenses<=Low_Density_Lipoprotein_Cholesterol^2/Globu
 lin__Mass_volume__in_Serum_by_calculation
 2796 medications_lifetime_dispenses<=(log(Low_Density_Lipoprotein_Cholesterol)/l
 og(10))^mean_Respiratory_rate
 2797 medications_lifetime_dispenses<=Body_Weight^2/mean_Globulin__Mass_volume__i
 n_Serum_by_calculation
 2798 medications_lifetime_dispenses<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Bl
 ood)^lifetime_conditions
 2799 medications_lifetime_dispenses<=-mean_Triglycerides+1/2*medications_lifetim
 e_length
 2800
 medications_lifetime_dispenses<=e^(mean_Estimated_Glomerular_Filtration_Rate-1)
 2801 medications_lifetime_dispenses<=(active_care_plan_length-1)*Glucose
 2802 medications_lifetime_dispenses<=2*Calcium*lifetime_condition_length
 2803 medications_lifetime_dispenses<=Body_Weight^2*Creatinine
 2804 medications_lifetime_dispenses<=sqrt(High_Density_Lipoprotein_Cholesterol)^
 mean_Potassium
 2805 medications_lifetime_dispenses<=(log(Systolic_Blood_Pressure)/log(10))^mean
 _Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2806 medications_lifetime_dispenses<=Alanine_aminotransferase__Enzymatic_activit
 y_volume__in_Serum,Plasma^2*Albumin__Mass_volume__in_Serum,Plasma
 2807 medications_lifetime_dispenses<=maximum(encounters_lifetime_payer_coverage,
 1/device_lifetime_length)
 2808 medications_lifetime_dispenses<=(1/Bilirubin_total__Mass_volume__in_Serum,P
 lasma)^Heart_rate
 2809 medications_lifetime_dispenses<=Bilirubin_total__Mass_volume__in_Serum,Plas
 ma*e^Calcium
 2810 medications_lifetime_dispenses<=2*Total_Cholesterol*medications_lifetime
 2811 medications_lifetime_dispenses<=e^Hemoglobin__Mass_volume__in_Blood/lifetim
 e_care_plan_length
 2812 medications_lifetime_dispenses<=Respiratory_rate*ceil(Platelet_distribution

$_width_Entitic_volume_in_Blood_by_Automated_count)$
2813 $medications_lifetime_dispenses \leq QALY * \sqrt{encounters_lifetime_total_cost}$
2814 $medications_lifetime_dispenses \leq (Heart_rate - 1) * Erythrocyte_distribution_width_Entitic_volume_by_Automated_count$
2815 $medications_lifetime_dispenses \leq medications_lifetime^2 + Estimated_Glomerular_Filtration_Rate$
2816 $medications_lifetime_dispenses \leq 2 * Chloride * Microalbumin_Creatinine_Ratio$
2817 $medications_lifetime_dispenses \leq 2 * Respiratory_rate * Systolic_Blood_Pressure$
2818 $medications_lifetime_dispenses \leq Erythrocyte_distribution_width_Entitic_volume_by_Automated_count^2 / medications_lifetime_perc_covered$
2819 $medications_lifetime_dispenses \leq (Carbon_Dioxide - 1) * Body_Height$
2820 $medications_lifetime_dispenses \leq 2 * medications_lifetime_length / Creatinine$
2821 $medications_lifetime_dispenses \leq lifetime_condition_length^2 / Prostate_specific_Ag_Mass_volume_in_Serum, Plasma$
2822 $medications_lifetime_dispenses \leq 10^{medications_lifetime + encounters_lifetime_total_cost}$
2823 $medications_lifetime_dispenses \leq QALY^2 / QOLS$
2824 $medications_lifetime_dispenses \leq (\log(Diastolic_Blood_Pressure) / \log(10))^{Respiratory_rate}$
2825 $medications_lifetime_dispenses \leq 2 * medications_lifetime_length / Hemoglobin_A1c_Hemoglobin_total_in_Blood$
2826
 $medications_lifetime_dispenses \leq (10^{Estimated_Glomerular_Filtration_Rate})^{QOLS}$
2827 $medications_lifetime_dispenses \leq lifetime_care_plan_length^2 + encounters_lifetime_payer_coverage$
2828 $medications_lifetime_dispenses \leq age^2 / immunizations_lifetime$
2829 $medications_lifetime_dispenses \leq 1/2 * Body_Weight * lifetime_care_plan_length$
2830 $medications_lifetime_dispenses \leq 2 * Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count * lifetime_care_plan_length$
2831 $medications_lifetime_dispenses \leq e^{active_care_plans * mean_Total_Cholesterol}$
2832 $medications_lifetime_dispenses \leq active_condition_length * e^{Potassium}$
2833 $medications_lifetime_dispenses \leq \log(Hemoglobin_A1c_Hemoglobin_total_in_Blood) * medications_lifetime_length / \log(10)$
2834 $medications_lifetime_dispenses \leq 1/2 * Heart_rate * lifetime_care_plan_length$
2835
 $medications_lifetime_dispenses \leq 2 * medications_lifetime_length / mean_Creatinine$
2836 $medications_lifetime_dispenses \leq Prostate_specific_Ag_Mass_volume_in_Serum, Plasma^2 * procedures_lifetime_cost$
2837 $medications_lifetime_dispenses \leq e^{Respiratory_rate / Glomerular_filtration_rate_1_73_sq_M_predicted}$
2838 $medications_lifetime_dispenses \leq 10^{medications_lifetime / Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma}$
2839 $medications_lifetime_dispenses \leq \log(Calcium)^{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count}$
2840 $medications_lifetime_dispenses \leq Body_Height * medications_lifetime^2$
2841 $medications_lifetime_dispenses \leq 2 * Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma * mean_Body_Mass_Index$
2842 $medications_lifetime_dispenses \leq (1/2 * Protein_Mass_volume_in_Serum, Plasma)$

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^active_care_plans
2843 medications_lifetime_dispenses<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^active_condition_length
2844 medications_lifetime_dispenses>=device_lifetime_length
2845 medications_lifetime_dispenses>=medications_lifetime
2846 medications_lifetime_dispenses>=High_Density_Lipoprotein_Cholesterol+Low_Density_Lipoprotein_Cholesterol
2847 medications_lifetime_dispenses>=immunizations_lifetime_cost-mean_Total_Cholesterol+1
2848
medications_lifetime_dispenses>=ceil(medications_lifetime_length)/Urea_Nitrogen
2849 medications_lifetime_dispenses>=2*Total_Cholesterol/DALY
2850 medications_lifetime_dispenses>=Microalbumin_Creatinine_Ratio^2/mean_Systolic_Blood_Pressure
2851 medications_lifetime_dispenses>=Estimated_Glomerular_Filtration_Rate+2*Heart_rate
2852 medications_lifetime_dispenses>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*medications_active^2
2853
medications_lifetime_dispenses>=2*medications_lifetime_length/Respiratory_rate
2854 medications_lifetime_dispenses>=ceil(medications_lifetime_length)/Calcium
2855 medications_lifetime_dispenses>=e^medications_active/Protein__Mass_volume__in_Serum,Plasma
2856 medications_lifetime_dispenses>=2*medications_lifetime_length/active_care_plan_length
2857 medications_lifetime_dispenses>=1/2*medications_lifetime_length/Potassium
2858 medications_lifetime_dispenses>=1/2*medications_lifetime_length/Hemoglobin_A1c_Hemoglobin_total_in_Blood
2859 medications_lifetime_dispenses>=(2*medications_lifetime_length)^encounters_lifetime_perc_covered
2860 medications_lifetime_dispenses>=Systolic_Blood_Pressure+floor(Protein__Mass_volume__in_Serum,Plasma)
2861 medications_lifetime_dispenses>=-Body_Weight+lifetime_care_plan_length+1
2862 medications_lifetime_dispenses>=1/2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*latitude
2863 medications_lifetime_dispenses>=(Albumin__Mass_volume__in_Serum,Plasma-1)^mean_Potassium
2864 medications_lifetime_dispenses>=(Globulin__Mass_volume__in_Serum_by_calculation-1)^lifetime_care_plans
2865 medications_lifetime_dispenses>=(num_allergies-1)*medications_lifetime
2866 medications_lifetime_dispenses>=2*medications_lifetime_length/mean_Estimated_Glomerular_Filtration_Rate
2867 medications_lifetime_dispenses>=Systolic_Blood_Pressure-healthcare_coverage+1
2868 medications_lifetime_dispenses>=1/2*active_care_plan_length*device_lifetime_length
2869 medications_lifetime_dispenses>=(medications_lifetime+1)/Bilirubin_total__Mass_volume__in_Serum,Plasma

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2870 medications_lifetime_dispenses>=1/2*medications_lifetime_length/Albumin__Mass_volume__in_Serum,Plasma
 2871 medications_lifetime_dispenses>=(Creatinine+1)*mean_Low_Density_Lipoprotein_Cholesterol
 2872 medications_lifetime_dispenses>=2*medications_lifetime_length/Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 2873
 medications_lifetime_dispenses>=log(DALY)*mean_Microalbumin_Creatinine_Ratio
 2874 medications_lifetime_dispenses>=-encounters_lifetime_total_cost+e^active_care_plans
 2875 medications_lifetime_dispenses>=2*medications_lifetime_length/mean_Respiratory_rate
 2876 medications_lifetime_dispenses>=sqrt(Microalbumin_Creatinine_Ratio)*active_condition_length
 2877 medications_lifetime_dispenses>=(Microalbumin_Creatinine_Ratio+1)*Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2878 medications_lifetime_dispenses>=10^medications_lifetime_perc_covered*mean_Microalbumin_Creatinine_Ratio
 2879 medications_lifetime_dispenses>=lifetime_care_plan_length*log(medications_lifetime)/log(10)
 2880 medications_lifetime_dispenses>=DALY*log(medications_lifetime_cost)/log(10)
 2881 medications_lifetime_dispenses>=(Pain_severity___0_10_verbal_numeric_rating__Score____Reported-1)*mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 2882 medications_lifetime_dispenses>=sqrt(procedures_lifetime_cost)-Chloride
 2883 medications_lifetime_dispenses>=1/2*procedures_lifetime_cost/mean_Glomerular_filtration_rate_1_73_sq_M_predicted
 2884 medications_lifetime_dispenses>=(-medications_active)^Potassium
 2885 medications_lifetime_dispenses>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2-procedures_lifetime_cost
 2886 medications_lifetime_dispenses>=2*active_conditions*device_lifetime_length
 2887 medications_lifetime_dispenses>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2/DALY
 2888 medications_lifetime_dispenses>=DALY*medications_active^2
 2889
 medications_lifetime_dispenses>=sqrt(medications_active)^lifetime_care_plans
 2890 medications_lifetime_dispenses>=(1/2*Pain_severity___0_10_verbal_numeric_rating__Score____Reported)^Leukocytes___volume__in_Blood_by_Automated_count
 2891 medications_lifetime_dispenses>=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*age
 2892 medications_lifetime_dispenses>=Leukocytes___volume__in_Blood_by_Automated_count*sqrt(medications_lifetime_length)
 2893
 medications_lifetime_dispenses>=log(device_lifetime_length)*medications_lifetime
 2894 medications_lifetime_dispenses>=(2*device_lifetime_length)^Globulin__Mass_volume__in_Serum_by_calculation
 2895 medications_lifetime_dispenses>=(-Pain_severity___0_10_verbal_numeric_rating__Score____Reported)^mean_Calcium

2896 medications_lifetime_dispenses>=(Pain_severity___0_10_verbal_numeric_rating
 __Score___Reported-1)*lifetime_care_plan_length
 2897 medications_lifetime_dispenses>=log(Leukocytes___volume__in_Blood_by_Autom
 ated_count)*medications_lifetime
 2898 medications_lifetime_dispenses>=sqrt(medications_lifetime_length)/Bilirubin
 _total__Mass_volume__in_Serum,Plasma
 2899 medications_lifetime_dispenses>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Bloo
 d*medications_lifetime
 2900 medications_lifetime_dispenses>=-Glucose+2*medications_lifetime
 2901
 medications_lifetime_dispenses>=medications_lifetime^2/lifetime_condition_length
 2902 medications_lifetime_dispenses>=2*Alkaline_phosphatase__Enzymatic_activity_
 volume__in_Serum,Plasma*Creatinine
 2903 medications_lifetime_dispenses>=2*medications_lifetime_length/latitude
 2904
 medications_lifetime_dispenses>=1/2*medications_lifetime_length/encounters_count
 2905 medications_lifetime_dispenses>=sqrt(medications_lifetime_cost)-Alkaline_ph
 osphatase__Enzymatic_activity_volume__in_Serum,Plasma
 2906 medications_lifetime_dispenses>=10^Bilirubin_total__Mass_volume__in_Serum,P
 lasma*lifetime_care_plan_length
 2907 medications_lifetime_dispenses>=ceil(Prostate_specific_Ag__Mass_volume__in_
 Serum,Plasma)^mean_Creatinine
 2908 medications_active<=active_conditions+immunizations_lifetime_cost-1
 2909 medications_active<=active_conditions^2
 2910 medications_active<=medications_lifetime
 2911 medications_active<=ceil(10^DALY)
 2912 medications_active<=medications_lifetime_length
 2913 medications_active<=active_care_plans+immunizations_lifetime_cost+1
 2914 medications_active<=encounters_lifetime_payer_coverage+immunizations_lifeti
 me_cost
 2915 medications_active<=floor(1/2*Aspartate_aminotransferase__Enzymatic_activit
 y_volume__in_Serum,Plasma)
 2916 medications_active<=floor(Platelet_mean_volume__Entitic_volume__in_Blood_by
 _Automated_count)
 2917 medications_active<=floor(1/2*Microalbumin_Creatinine_Ratio)
 2918 medications_active<=maximum(Triglycerides,floor(Erythrocytes___volume__in_
 Blood_by_Automated_count))
 2919 medications_active<=Respiratory_rate-imaging_studies_lifetime
 2920 medications_active<=maximum(Triglycerides,ceil(Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood))
 2921 medications_active<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/age
 2922 medications_active<=10^(10^device_lifetime_length)
 2923 medications_active<=1/2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_
 count-Urea_Nitrogen
 2924 medications_active<=active_conditions+procedures_lifetime_cost-1
 2925 medications_active<=2*Systolic_Blood_Pressure/device_lifetime_length
 2926 medications_active<=Estimated_Glomerular_Filtration_Rate*QOLS
 2927 medications_active<=minimum(Protein__Mass_volume__in_Serum,Plasma,floor(Pro

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state_specific_Ag__Mass_volume__in_Serum,Plasma))
2928 medications_active<=sqrt(Body_Height)/immunizations_lifetime
2929 medications_active<=(QALY-1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
2930 medications_active<=ceil(Albumin__Mass_volume__in_Serum,Plasma)+immunizations_lifetime_cost
2931 medications_active<=(1/2*medications_lifetime_cost)^Bilirubin_total__Mass_volume__in_Serum,Plasma
2932 medications_active<=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported+Respiratory_rate
2933 medications_active<=floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)/imaging_studies_lifetime
2934 medications_active<=-Creatinine+Respiratory_rate
2935 medications_active<=10^healthcare_coverage+procedures_lifetime
2936 medications_active<=sqrt(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)+procedures_lifetime_cost
2937 medications_active<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+active_conditions-1
2938 medications_active<=(medications_lifetime_dispenses-1)/Microalbumin_Creatinine_Ratio
2939 medications_active<=maximum(Triglycerides,10^healthcare_coverage)
2940 medications_active<=10^Pain_severity___0_10_verbal_numeric_rating__Score____Reported*Globulin__Mass_volume__in_Serum_by_calculation
2941 medications_active<=e^Estimated_Glomerular_Filtration_Rate/medications_lifetime_length
2942 medications_active<=minimum(Estimated_Glomerular_Filtration_Rate,DALY-1)
2943 medications_active<=ceil(DALY)+procedures_lifetime_cost
2944
medications_active<=1/2*medications_lifetime_cost/encounters_lifetime_total_cost
2945 medications_active<=minimum(Protein__Mass_volume__in_Serum,Plasma,medications_lifetime-1)
2946 medications_active<=(encounters_count+1)*Bilirubin_total__Mass_volume__in_Serum,Plasma
2947 medications_active<=1/2*medications_lifetime_dispenses/Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
2948 medications_active<=Microalbumin_Creatinine_Ratio/Pain_severity___0_10_verbal_numeric_rating__Score____Reported
2949 medications_active<=(log(QALY)/log(10))^Potassium
2950 medications_active<=floor(Urea_Nitrogen)/num_allergies
2951 medications_active<=10^encounters_lifetime_perc_covered*Hemoglobin_A1c_Hemoglobin_total_in_Blood
2952 medications_active<=Potassium+log(Microalbumin_Creatinine_Ratio)
2953 medications_active<=QALY^2/immunizations_lifetime_cost
2954 medications_active<=1/2*High_Density_Lipoprotein_Cholesterol-mean_Respiratory_rate
2955 medications_active<=QOLS*floor(Estimated_Glomerular_Filtration_Rate)
2956 medications_active<=Glucose-active_care_plan_length
2957 medications_active<=log(Body_Height)+procedures_lifetime_cost
2958 medications_active<=-Respiratory_rate+floor(Carbon_Dioxide)

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2959 medications_active<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)^Globulin__
 Mass_volume__in_Serum_by_calculation
 2960 medications_active<=-Alanine_aminotransferase__Enzymatic_activity_volume__i
 n_Serum,Plasma+lifetime_care_plan_length+1
 2961 medications_active<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2/Globulin__Ma
 ss_volume__in_Serum_by_calculation
 2962 medications_active<=(log(device_lifetime_length)/log(10))^encounters_lifeti
 me_total_cost
 2963 medications_active<=(Creatinine+1)*Prostate_specific_Ag__Mass_volume__in_Se
 rum,Plasma
 2964 medications_active<=10^immunizations_lifetime+DALY
 2965
 medications_active<=1/num_allergies+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2966 medications_active<=DALY^2+immunizations_lifetime_cost
 2967 medications_active<=active_care_plan_length^2/Microalbumin_Creatinine_Ratio
 2968 medications_active<=Calcium-
 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1
 2969 medications_active<=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^active_c
 are_plans
 2970 medications_active<=e^active_conditions/DALY
 2971 medications_active<=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Auto
 mated_count+e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2972 medications_active<=Creatinine^2*encounters_count
 2973 medications_active<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/Diastolic_B
 lood_Pressure
 2974
 medications_active<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/mean_Heart_rate
 2975 medications_active>=imaging_studies_lifetime
 2976 medications_active>=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)
 2977 medications_active>=(lifetime_care_plans-1)/Prostate_specific_Ag__Mass_volu
 me__in_Serum,Plasma
 2978 medications_active>=floor(1/2*num_allergies)
 2979 medications_active>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/mean
 _Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 2980 medications_active>=encounters_lifetime_perc_covered^healthcare_coverage
 2981 medications_active>=imaging_studies_lifetime^2-1
 2982 medications_active>=active_care_plan_length+longitude
 2983 medications_active>=-Potassium+active_care_plans
 2984 medications_active>=-Urea_Nitrogen+2*active_care_plans
 2985 medications_active>=floor(e^Bilirubin_total__Mass_volume__in_Serum,Plasma)
 2986 medications_active>=log(num_allergies)/log(10)+Pain_severity___0_10_verbal_
 numeric_rating__Score___Reported
 2987 medications_active>=-Creatinine+1/2*active_care_plans
 2988 medications_active>=Albumin__Mass_volume__in_Serum,Plasma-Potassium+1
 2989 medications_active>=-active_conditions+lifetime_conditions-1
 2990 medications_active>=(Pain_severity___0_10_verbal_numeric_rating__Score___R
 eported+1)*imaging_studies_lifetime
 2991 medications_active>=active_conditions-encounters_count

2992 medications_active>=Albumin__Mass_volume__in_Serum,Plasma^2-Glomerular_filt
 ration_rate_1_73_sq_M_predicted
 2993
 medications_active>=-Low_Density_Lipoprotein_Cholesterol+active_condition_length
 2994 medications_active>=-Glucose+active_condition_length+1
 2995 medications_active>=-DALY+Globulin__Mass_volume__in_Serum_by_calculation
 2996 medications_active>=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)^2
 2997 medications_active>=Albumin__Mass_volume__in_Serum,Plasma*log(device_lifeti
 me_length)/log(10)
 2998 medications_active>=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-1)*
 medications_lifetime_perc_covered
 2999 medications_active>=1/2*active_care_plans*imaging_studies_lifetime
 3000 medications_active>=maximum(immunizations_lifetime,Bilirubin_total__Mass_vo
 lume__in_Serum,Plasma)
 3001 medications_active>=minimum(num_allergies,ceil(medications_lifetime_perc_co
 vered))
 3002 medications_active>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma-
 immunizations_lifetime_cost
 3003 medications_active>=-DALY+Pain_severity___0_10_verbal_numeric_rating__Score
 ___Reported
 3004 medications_active>=minimum(Platelet_distribution_width__Entitic_volume__in
 _Blood_by_Automated_count,ceil(medications_lifetime_perc_covered))
 3005 medications_active>=-active_care_plans+floor(Creatinine)
 3006 medications_active>=DALY-MCH__Entitic_mass__by_Automated_count-1
 3007 medications_active>=floor(1/Creatinine)
 3008 medications_active>=-Diastolic_Blood_Pressure+QALY+1
 3009 medications_active>=sqrt(DALY)-Albumin__Mass_volume__in_Serum,Plasma
 3010 medications_active>=-Heart_rate+Protein__Mass_volume__in_Serum,Plasma
 3011 medications_active>=floor(log(mean_Creatinine))
 3012 medications_active>=-MCHC__Mass_volume__by_Automated_count+1/2*QALY
 3013 medications_active>=Pain_severity___0_10_verbal_numeric_rating__Score____Re
 ported-active_conditions
 3014 medications_active>=-Creatinine+log(device_lifetime_length)
 3015 medications_active>=-Erythrocytes___volume__in_Blood_by_Automated_count+e^
 immunizations_lifetime
 3016 medications_active>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Ser
 um,Plasma-Sodium+1
 3017 medications_active>=2*Albumin__Mass_volume__in_Serum,Plasma-
 medications_lifetime
 3018 medications_active>=lifetime_care_plans^2/mean_Aspartate_aminotransferase__
 Enzymatic_activity_volume__in_Serum,Plasma
 3019 medications_active>=(medications_lifetime_perc_covered-1)^DALY
 3020 medications_active>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-
 Urea_Nitrogen
 3021 medications_active>=2*sqrt(imaging_studies_lifetime)
 3022 medications_active>=-Hematocrit__Volume_Fraction__of_Blood_by_Automated_cou
 nt+1/2*age
 3023

medications_active>=active_care_plans^2-High_Density_Lipoprotein_Cholesterol
 3024 medications_active>=-Respiratory_rate+active_conditions-1
 3025 medications_active>=immunizations_lifetime^2-Microalbumin_Creatinine_Ratio
 3026 medications_active>=(Creatinine-1)*imaging_studies_lifetime
 3027 medications_active>=-Platelet_distribution_width__Entitic_volume__in_Blood_
 by_Automated_count+floor(Body_Height)
 3028 medications_active>=log(Total_Cholesterol)/log(10)-procedures_lifetime_cost
 3029 medications_active>=(1/2*immunizations_lifetime)^Glomerular_filtration_rate
 _1_73_sq_M_predicted
 3030 medications_active>=(1/2*procedures_lifetime)^Body_temperature
 3031 medications_active>=sqrt(Heart_rate)-mean_Urea_Nitrogen
 3032 medications_active>=2*active_care_plans-encounters_count
 3033 medications_active>=-Heart_rate+1/2*Low_Density_Lipoprotein_Cholesterol
 3034 medications_active>=sqrt(Body_Weight)-Calcium
 3035 medications_active>=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Auto
 mated_count+2*lifetime_care_plans
 3036 medications_active>=1/2*lifetime_care_plan_length/mean_Alkaline_phosphatase
 __Enzymatic_activity_volume__in_Serum,Plasma
 3037 medications_active>=active_conditions-mean_Respiratory_rate-1
 3038 medications_active>=floor(Globulin__Mass_volume__in_Serum_by_calculation)-i
 mmunizations_lifetime_cost
 3039 medications_active>=-active_condition_length+2*active_conditions
 3040 medications_active>=minimum(Platelet_distribution_width__Entitic_volume__in
 _Blood_by_Automated_count,log(device_lifetime_length))
 3041 medications_active>=-active_care_plans+log(device_lifetime_length)
 3042 medications_active>=sqrt(device_lifetime_length)-mean_Potassium
 3043 medications_active>=log(medications_lifetime)/log(10)-Creatinine
 3044 medications_active>=10^encounters_lifetime_perc_covered-
 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 3045 medications_active>=1/encounters_lifetime_perc_covered-
 Globulin__Mass_volume__in_Serum_by_calculation
 3046 medications_active>=(-immunizations_lifetime)^healthcare_coverage
 3047 medications_active>=Globulin__Mass_volume__in_Serum_by_calculation^2-Urea_N
 itrogen
 3048 medications_active>=Erythrocyte_distribution_width__Entitic_volume__by_Auto
 mated_count-latitude-1
 3049 medications_active>=log(medications_lifetime_length)/log(10)-medications_li
 fetime
 3050 medications_active>=log(Microalbumin_Creatinine_Ratio)/log(10)-procedures_l
 ifetime
 3051 procedures_lifetime<=floor(active_condition_length)^2
 3052 procedures_lifetime<=Calcium*DALY
 3053 procedures_lifetime<=procedures_lifetime_cost
 3054 procedures_lifetime<=Heart_rate-1
 3055 procedures_lifetime<=maximum(Protein__Mass_volume__in_Urine_by_Test_strip,e
 ^Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3056 procedures_lifetime<=Body_Mass_Index+Leukocytes____volume__in_Blood_by_Auto
 mated_count

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3057 procedures_lifetime<=10^active_care_plans
3058 procedures_lifetime<=active_conditions^2
3059 procedures_lifetime<=(lifetime_care_plan_length-1)/device_lifetime_length
3060 procedures_lifetime<=10^medications_lifetime
3061 procedures_lifetime<=medications_lifetime+1
3062 procedures_lifetime<=1/2*procedures_lifetime_cost/Total_Cholesterol
3063 procedures_lifetime<=(healthcare_expenses-1)^QOLS
3064
procedures_lifetime<=DALY+Erythrocytes___volume__in_Blood_by_Automated_count
3065 procedures_lifetime<=maximum(Protein__Mass_volume__in_Urine_by_Test_strip,2
*Albumin__Mass_volume__in_Serum,Plasma)
3066 procedures_lifetime<=1/2*procedures_lifetime_cost/Body_Height
3067 procedures_lifetime<=maximum(Sodium,log(Triglycerides)/log(10))
3068 procedures_lifetime<=-MCV__Entitic_volume__by_Automated_count+1/2*Platelet_
distribution_width__Entitic_volume__in_Blood_by_Automated_count
3069 procedures_lifetime<=1/2*procedures_lifetime_cost/mean_Total_Cholesterol
3070 procedures_lifetime<=(active_care_plans+1)/num_allergies
3071 procedures_lifetime<=maximum(Heart_rate,1/immunizations_lifetime)
3072 procedures_lifetime<=healthcare_coverage+medications_active
3073 procedures_lifetime<=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/i
maging_studies_lifetime
3074 procedures_lifetime<=sqrt(procedures_lifetime_cost)/Leukocytes___volume__i
n_Blood_by_Automated_count
3075 procedures_lifetime<=(10^Microalbumin_Creatinine_Ratio)^QOLS
3076 procedures_lifetime<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*cei
l(Potassium)
3077 procedures_lifetime<=maximum(Triglycerides,ceil(Potassium))
3078 procedures_lifetime<=floor(DALY)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
3079 procedures_lifetime<=-Pain_severity___0_10_verbal_numeric_rating__Score____
Reported+encounters_count-1
3080 procedures_lifetime<=maximum(lifetime_care_plans,DALY^2)
3081 procedures_lifetime<=(lifetime_condition_length^2)^Bilirubin_total__Mass_vo
lume__in_Serum,Plasma
3082 procedures_lifetime<=maximum(Triglycerides,sqrt(Systolic_Blood_Pressure))
3083 procedures_lifetime<=encounters_count-medications_active-1
3084 procedures_lifetime<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+immuniz
ations_lifetime_cost
3085
procedures_lifetime<=sqrt(active_care_plan_length)+immunizations_lifetime_cost
3086 procedures_lifetime<=2*10^mean_Pain_severity___0_10_verbal_numeric_rating__
Score____Reported
3087 procedures_lifetime<=medications_lifetime/device_lifetime_length
3088 procedures_lifetime<=10^Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported+Respiratory_rate
3089 procedures_lifetime<=(log(lifetime_care_plans)/log(10))^longitude
3090 procedures_lifetime<=10^immunizations_lifetime_cost+Globulin__Mass_volume__
in_Serum_by_calculation
3091 procedures_lifetime<=maximum(Triglycerides,10^Pain_severity___0_10_verbal_n

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numeric_rating__Score____Reported)
3092 procedures_lifetime<=10^Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported/Bilirubin_total__Mass_volume__in_Serum,Plasma
3093 procedures_lifetime<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/num
_allergies)
3094 procedures_lifetime<=Urea_Nitrogen^2/device_lifetime_length
3095 procedures_lifetime<=10^healthcare_coverage+1
3096 procedures_lifetime<=10^immunizations_lifetime_cost+Creatinine
3097 procedures_lifetime<=maximum(Triglycerides,ceil(Globulin__Mass_volume__in_S
erum_by_calculation))
3098 procedures_lifetime<=log(device_lifetime_length)^2
3099 procedures_lifetime<=1/2*Alkaline_phosphatase__Enzymatic_activity_volume__i
n_Serum,Plasma/device_lifetime_length
3100 procedures_lifetime<=maximum(medications_active,1/num_allergies)
3101 procedures_lifetime<=maximum(Protein__Mass_volume__in_Urine_by_Test_strip,s
qrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma))
3102 procedures_lifetime<=minimum(healthcare_expenses,log(Body_temperature))
3103 procedures_lifetime<=maximum(Heart_rate,1/imaging_studies_lifetime)
3104 procedures_lifetime<=(log(encounters_count)/log(10))^Estimated_Glomerular_F
iltration_Rate
3105 procedures_lifetime<=1/2*encounters_lifetime_total_cost/lifetime_care_plan_
length
3106 procedures_lifetime<=maximum(Triglycerides,floor(Prostate_specific_Ag__Mass
_volume__in_Serum,Plasma))
3107 procedures_lifetime<=maximum(Estimated_Glomerular_Filtration_Rate,floor(Pro
state_specific_Ag__Mass_volume__in_Serum,Plasma))
3108 procedures_lifetime>=log(log(procedures_lifetime_cost))/log(10)
3109 procedures_lifetime>=-healthcare_coverage+medications_active-1
3110 procedures_lifetime>=-num_allergies
3111 procedures_lifetime>=-device_lifetime_length
3112 procedures_lifetime>=-Pain_severity___0_10_verbal_numeric_rating__Score____
Reported+imaging_studies_lifetime
3113 procedures_lifetime>=Aspartate_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma-active_care_plan_length-1
3114 procedures_lifetime>=minimum(procedures_lifetime_cost,QOLS)
3115 procedures_lifetime>=active_care_plans-active_conditions
3116 procedures_lifetime>=-active_care_plans+num_allergies
3117 procedures_lifetime>=-medications_lifetime+num_allergies
3118
procedures_lifetime>=-Diastolic_Blood_Pressure+ceil(active_care_plan_length)
3119 procedures_lifetime>=minimum(num_allergies,immunizations_lifetime)
3120 procedures_lifetime>=sqrt(procedures_lifetime_cost)/MCH__Entitic_mass__by_A
utomated_count
3121 procedures_lifetime>=1/2*medications_lifetime-medications_lifetime_length
3122 procedures_lifetime>=-Respiratory_rate+active_conditions
3123 procedures_lifetime>=mean_Weight_difference__Mass_difference____pre_dialysi
s__post_dialysis^Pain_severity___0_10_verbal_numeric_rating__Score____Reported
3124 procedures_lifetime>=sqrt(procedures_lifetime_cost)/Glucose

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3125 procedures_lifetime>=1/2*Diastolic_Blood_Pressure-
High_Density_Lipoprotein_Cholesterol
3126 procedures_lifetime>=-Glucose+ceil(active_condition_length)
3127
procedures_lifetime>=Globulin_Mass_volume__in_Serum_by_calculation*floor(QOLS)
3128 procedures_lifetime>=-Carbon_Dioxide+1/2*device_lifetime_length
3129 procedures_lifetime>=floor(Creatinine)*imaging_studies_lifetime
3130 procedures_lifetime>=2*procedures_lifetime_cost/healthcare_expenses
3131 procedures_lifetime>=-Body_Height+2*Estimated_Glomerular_Filtration_Rate
3132 procedures_lifetime>=-Microalbumin_Creatinine_Ratio+ceil(Hemoglobin_A1c_Hem
oglobin_total_in_Blood)
3133 procedures_lifetime>=2*imaging_studies_lifetime-2
3134 procedures_lifetime>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood-
encounters_lifetime_payer_coverage
3135 procedures_lifetime>=imaging_studies_lifetime-immunizations_lifetime
3136 procedures_lifetime>=log(Microalbumin_Creatinine_Ratio)/log(10)-medications
_active
3137 procedures_lifetime>=-active_conditions+immunizations_lifetime
3138 procedures_lifetime>=Pain_severity___0_10_verbal_numeric_rating__Score____R
eported-active_conditions
3139 procedures_lifetime>=floor(log(medications_active)/log(10))
3140 procedures_lifetime>=Pain_severity___0_10_verbal_numeric_rating__Score____R
eported-immunizations_lifetime_cost
3141 procedures_lifetime>=10^medications_lifetime_perc_covered-
Hemoglobin_A1c_Hemoglobin_total_in_Blood
3142 procedures_lifetime>=sqrt(procedures_lifetime_cost)/Protein__Mass_volume__i
n_Serum,Plasma
3143 procedures_lifetime>=floor(Body_Mass_Index)-mean_High_Density_Lipoprotein_C
holesterol
3144 procedures_lifetime>=-Heart_rate+Protein__Mass_volume__in_Serum,Plasma
3145 procedures_lifetime>=-Low_Density_Lipoprotein_Cholesterol+Protein__Mass_vol
ume__in_Serum,Plasma
3146 procedures_lifetime>=Specific_gravity_of_Urine_by_Test_strip^Pain_severity_
__0_10_verbal_numeric_rating__Score____Reported
3147 procedures_lifetime>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/mea
n_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
3148 procedures_lifetime>=Erythrocytes___volume__in_Blood_by_Automated_count-
Leukocytes___volume__in_Blood_by_Automated_count
3149 procedures_lifetime>=immunizations_lifetime-2
3150 procedures_lifetime>=1/2*Microalbumin_Creatinine_Ratio-mean_Triglycerides
3151 procedures_lifetime>=minimum(procedures_lifetime_cost,ceil(encounters_lifet
ime_perc_covered))
3152 procedures_lifetime>=floor(log(lifetime_care_plans)/log(10))
3153 procedures_lifetime>=floor(1/active_conditions)
3154 procedures_lifetime>=sqrt(procedures_lifetime_cost)/mean_Low_Density_Lipopr
otein_Cholesterol
3155 procedures_lifetime>=-Low_Density_Lipoprotein_Cholesterol+1/2*Systolic_Bloo
d_Pressure

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3156 procedures_lifetime>=Albumin__Mass_volume__in_Serum,Plasma*log(immunization
s_lifetime)
3157 procedures_lifetime>=Albumin__Mass_volume__in_Serum,Plasma-
mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood+1
3158
procedures_lifetime>=-Heart_rate+floor(High_Density_Lipoprotein_Cholesterol)
3159 procedures_lifetime>=Glomerular_filtration_rate_1_73_sq_M_predicted-
lifetime_condition_length-1
3160 procedures_lifetime>=(10^DXA__T_score__Bone_density)^Pain_severity__0_10_v
erbal_numeric_rating__Score____Reported
3161 procedures_lifetime>=sqrt(Protein__Mass_volume__in_Serum,Plasma)-encounters
_count
3162 procedures_lifetime>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(Erythro
cytes____volume__in_Blood_by_Automated_count)
3163 procedures_lifetime>=imaging_studies_lifetime*log(Estimated_Glomerular_Filt
ration_Rate)
3164 procedures_lifetime_cost<=healthcare_expenses*log(Diastolic_Blood_Pressure)
/log(10)
3165 procedures_lifetime_cost<=e^(2*lifetime_condition_length)
3166 procedures_lifetime_cost<=floor(Calcium)^encounters_count
3167 procedures_lifetime_cost<=encounters_count^Hemoglobin_A1c_Hemoglobin_total_
in_Blood
3168 procedures_lifetime_cost<=log(Respiratory_rate)^mean_Respiratory_rate
3169 procedures_lifetime_cost<=(healthcare_expenses-1)/device_lifetime_length
3170 procedures_lifetime_cost<=(1/2*Leukocytes____volume__in_Blood_by_Automated_
count)^mean_Respiratory_rate
3171 procedures_lifetime_cost<=log(Systolic_Blood_Pressure)^mean_Microalbumin_Cr
eatinine_Ratio
3172 procedures_lifetime_cost<=Body_Height^2*procedures_lifetime
3173 procedures_lifetime_cost<=(log(medications_lifetime_dispenses)/log(10))^mea
n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
3174
procedures_lifetime_cost<=High_Density_Lipoprotein_Cholesterol^2/num_allergies
3175 procedures_lifetime_cost<=10^Potassium*Globulin__Mass_volume__in_Serum_by_c
alculation
3176 procedures_lifetime_cost<=maximum(medications_lifetime_cost,2*healthcare_co
verage)
3177 procedures_lifetime_cost<=healthcare_coverage+1/2*healthcare_expenses
3178 procedures_lifetime_cost<=e^(10^procedures_lifetime)
3179 procedures_lifetime_cost<=(2*age)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
3180 procedures_lifetime_cost<=10^Potassium*Prostate_specific_Ag__Mass_volume__i
n_Serum,Plasma
3181 procedures_lifetime_cost<=(Low_Density_Lipoprotein_Cholesterol^2)^procedure
s_lifetime
3182 procedures_lifetime_cost<=Triglycerides*e^active_conditions
3183 procedures_lifetime_cost<=(healthcare_coverage-1)/Bilirubin_total__Mass_vol
ume__in_Serum,Plasma
3184 procedures_lifetime_cost<=floor(Globulin__Mass_volume__in_Serum_by_calculat

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ion)^mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
3185 procedures_lifetime_cost<=10^active_care_plans*mean_Sodium
3186 procedures_lifetime_cost<=Globulin__Mass_volume__in_Serum_by_calculation^2*
medications_lifetime_length
3187 procedures_lifetime_cost<=(MCH__Entitic_mass__by_Automated_count^2)^procedu
res_lifetime
3188 procedures_lifetime_cost<=sqrt(Globulin__Mass_volume__in_Serum_by_calculati
on)^mean_Carbon_Dioxide
3189 procedures_lifetime_cost<=(active_care_plans+1)^Calcium
3190 procedures_lifetime_cost<=(Protein__Mass_volume__in_Serum,Plasma^2)^procedu
res_lifetime
3191 procedures_lifetime_cost<=(Leukocytes___volume__in_Blood_by_Automated_coun
t-1)^encounters_count
3192 procedures_lifetime_cost<=(NT_proBNP-1)^procedures_lifetime
3193 procedures_lifetime_cost<=floor(Potassium)^Urea_Nitrogen
3194 procedures_lifetime_cost<=(e^Hemoglobin_A1c_Hemoglobin_total_in_Blood)^mean
_Albumin__Mass_volume__in_Serum,Plasma
3195 procedures_lifetime_cost<=healthcare_expenses*procedures_lifetime
3196 procedures_lifetime_cost<=(log(active_care_plans)/log(10))^longitude
3197 procedures_lifetime_cost<=lifetime_condition_length^2-Prostate_specific_Ag_
_Mass_volume__in_Serum,Plasma
3198 procedures_lifetime_cost<=(e^procedures_lifetime)^Urea_Nitrogen
3199 procedures_lifetime_cost<=log(lifetime_care_plan_length)^Glomerular_filtrat
ion_rate_1_73_sq_M_predicted
3200 procedures_lifetime_cost<=MCV__Entitic_volume__by_Automated_count^2+medicat
ions_lifetime_cost
3201 procedures_lifetime_cost<=active_care_plan_length^2/num_allergies
3202 procedures_lifetime_cost<=(1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^He
matocrit__Volume_Fraction__of_Blood_by_Automated_count
3203
procedures_lifetime_cost<=e^Calcium*mean_Low_Density_Lipoprotein_Cholesterol
3204 procedures_lifetime_cost<=2*mean_Glomerular_filtration_rate_1_73_sq_M_predi
cted*medications_lifetime_dispenses
3205 procedures_lifetime_cost<=(Glucose^2)^procedures_lifetime
3206 procedures_lifetime_cost<=(log(medications_lifetime_length)/log(10))^Aspart
ate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
3207 procedures_lifetime_cost<=10^active_conditions*Heart_rate
3208 procedures_lifetime_cost<=Hematocrit__Volume_Fraction__of_Blood_by_Automate
d_count^Hemoglobin_A1c_Hemoglobin_total_in_Blood
3209 procedures_lifetime_cost<=Platelet_distribution_width__Entitic_volume__in_B
lood_by_Automated_count*e^procedures_lifetime
3210
procedures_lifetime_cost<=10^healthcare_coverage*medications_lifetime_length
3211 procedures_lifetime_cost<=(log(Carbon_Dioxide)/log(10))^QALY
3212
procedures_lifetime_cost<=e^Carbon_Dioxide/encounters_lifetime_payer_coverage
3213 procedures_lifetime_cost<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)
^Heart_rate

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3214 procedures_lifetime_cost<=(e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^lifetime_conditions
3215 procedures_lifetime_cost<=(log(healthcare_coverage)/log(10))^Urea_Nitrogen
3216 procedures_lifetime_cost<=(log(healthcare_coverage)/log(10))^Calcium
3217 procedures_lifetime_cost<=(e^Diastolic_Blood_Pressure)^Bilirubin_total__Mass_volume__in_Serum,Plasma
3218 procedures_lifetime_cost<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^mean_Urea_Nitrogen
3219
procedures_lifetime_cost<=sqrt(Microalbumin_Creatinine_Ratio)^active_conditions
3220 procedures_lifetime_cost<=(log(device_lifetime_length)/log(10))^Hemoglobin__Mass_volume__in_Blood
3221 procedures_lifetime_cost<=(log(device_lifetime_length)/log(10))^lifetime_care_plan_length
3222 procedures_lifetime_cost<=10^encounters_count*QOLS
3223
procedures_lifetime_cost<=encounters_lifetime_total_cost^2/medications_lifetime
3224 procedures_lifetime_cost<=(QOLS+1)*healthcare_expenses
3225 procedures_lifetime_cost<=(e^Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)^QOLS
3226 procedures_lifetime_cost<=(2*Body_temperature)^procedures_lifetime
3227 procedures_lifetime_cost<=maximum(healthcare_coverage,10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
3228 procedures_lifetime_cost<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^Urea_Nitrogen
3229 procedures_lifetime_cost<=(2*pH_of_Urine_by_Test_strip)^procedures_lifetime
3230 procedures_lifetime_cost>=procedures_lifetime
3231 procedures_lifetime_cost>=2*Total_Cholesterol*procedures_lifetime
3232 procedures_lifetime_cost>=(lifetime_care_plan_length+1)*procedures_lifetime
3233 procedures_lifetime_cost>=2*latitude*procedures_lifetime
3234 procedures_lifetime_cost>=2*Body_Height*procedures_lifetime
3235 procedures_lifetime_cost>=2*Triglycerides*procedures_lifetime
3236 procedures_lifetime_cost>=Urea_Nitrogen^2*procedures_lifetime
3237 procedures_lifetime_cost>=(Platelets___volume__in_Blood_by_Automated_count+1)*procedures_lifetime
3238 procedures_lifetime_cost>=2*Sodium*procedures_lifetime
3239 procedures_lifetime_cost>=2*mean_Heart_rate*num_allergies
3240 procedures_lifetime_cost>=log(procedures_lifetime)*medications_lifetime_dis
penses/log(10)
3241 procedures_lifetime_cost>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+e^medications_active
3242 procedures_lifetime_cost>=2*mean_Total_Cholesterol*procedures_lifetime
3243 procedures_lifetime_cost>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+2*lifetime_care_plan_length
3244 procedures_lifetime_cost>=-encounters_lifetime_payer_coverage+2*immunizations_lifetime_cost
3245 procedures_lifetime_cost>=floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)*lifetime_care_plan_length

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3246 procedures_lifetime_cost>=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1)*Body_Weight
3247 procedures_lifetime_cost>=(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+1)*procedures_lifetime
3248 procedures_lifetime_cost>=(-Pain_severity___0_10_verbal_numeric_rating__Score___Reported)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
3249 procedures_lifetime_cost>=(1/2*device_lifetime_length)^mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
3250 procedures_lifetime_cost>=(-Pain_severity___0_10_verbal_numeric_rating__Score___Reported)^Urea_Nitrogen
3251 procedures_lifetime_cost>=(FEV1_FVC+1)^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
3252 procedures_lifetime_cost>=Potassium*procedures_lifetime^2
3253 procedures_lifetime_cost>=1/2*healthcare_coverage-healthcare_expenses
3254 procedures_lifetime_cost>=(-active_care_plans)^Potassium
3255 procedures_lifetime_cost>=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1)*Chloride
3256 procedures_lifetime_cost>=2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count-encounters_lifetime_payer_coverage
3257 procedures_lifetime_cost>=10^Potassium-healthcare_expenses
3258 procedures_lifetime_cost>=log(Protein__Mass_volume__in_Urine_by_Test_strip)^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
3259
procedures_lifetime_cost>=10^Globulin__Mass_volume__in_Serum_by_calculation-encounters_lifetime_total_cost
3260 procedures_lifetime_cost>=(-device_lifetime_length)^Potassium
3261 procedures_lifetime_cost>=Body_Weight*sqrt(device_lifetime_length)
3262 procedures_lifetime_cost>=(imaging_studies_lifetime-1)*encounters_lifetime_total_cost
3263 procedures_lifetime_cost>=log(imaging_studies_lifetime)*medications_lifetime_length
3264 procedures_lifetime_cost>=10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/healthcare_coverage
3265 procedures_lifetime_cost>=(-medications_active)^Potassium
3266 procedures_lifetime_cost>=(1/2*procedures_lifetime)^Erythrocytes___volume__in_Blood_by_Automated_count
3267
procedures_lifetime_cost>=e^Leukocytes___volume__in_Blood_by_Automated_count-medications_lifetime_cost
3268 procedures_lifetime_cost>=MCV__Entitic_volume__by_Automated_count*procedures_lifetime^2
3269 procedures_lifetime_cost>=(-Erythrocytes___volume__in_Blood_by_Automated_count)^active_care_plans
3270 procedures_lifetime_cost>=(2*DXA__T_score__Bone_density)^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
3271 QOLS<=active_care_plans
3272 QOLS<=active_conditions
3273 QOLS<=mean_QOLS

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3274 QOLS>=mean_QOLS
3275 QALY<=mean_QALY
3276 QALY>=mean_QALY
3277 DALY<=mean_DALY
3278 DALY>=imaging_studies_lifetime
3279 DALY>=mean_DALY
3280 Respiratory_rate<=healthcare_expenses
3281 Respiratory_rate<=ceil(mean_Respiratory_rate+1)
3282 Respiratory_rate<=mean_Respiratory_rate^active_conditions
3283 Respiratory_rate<=Potassium^2
3284 Respiratory_rate<=2*Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma
3285 Respiratory_rate<=Creatinine+mean_Respiratory_rate
3286 Respiratory_rate<=healthcare_coverage+mean_Respiratory_rate
3287 Respiratory_rate<=mean_Respiratory_rate^active_care_plans
3288 Respiratory_rate<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+Prostate_speci
fic_Ag__Mass_volume__in_Serum,Plasma
3289 Respiratory_rate<=maximum(mean_Respiratory_rate,1/2*QALY)
3290 Respiratory_rate<=floor(age)/Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported
3291 Respiratory_rate<=maximum(active_condition_length,mean_Respiratory_rate)
3292 Respiratory_rate<=High_Density_Lipoprotein_Cholesterol^2/mean_Chloride
3293 Respiratory_rate<=ceil(mean_Albumin__Mass_volume__in_Serum,Plasma^2)
3294 Respiratory_rate<=maximum(mean_Respiratory_rate,2*active_conditions)
3295 Respiratory_rate<=floor(High_Density_Lipoprotein_Cholesterol)/num_allergies
3296 Respiratory_rate<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*Albumin__Mas
s_volume__in_Serum,Plasma
3297 Respiratory_rate<=maximum(Triglycerides,mean_Respiratory_rate)
3298 Respiratory_rate<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Platelet_mean_vo
lume__Entitic_volume__in_Blood_by_Automated_count+1
3299 Respiratory_rate<=Carbon_Dioxide-medications_active
3300 Respiratory_rate<=maximum(encounters_count,mean_Respiratory_rate)
3301 Respiratory_rate<=mean_Respiratory_rate+procedures_lifetime
3302 Respiratory_rate<=mean_Respiratory_rate/QOLS
3303
Respiratory_rate<=maximum(mean_Respiratory_rate,sqrt(lifetime_condition_length))
3304 Respiratory_rate<=maximum(Sodium,mean_Respiratory_rate)
3305 Respiratory_rate<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*sqrt(active_cond
ition_length)
3306 Respiratory_rate<=maximum(mean_Respiratory_rate,10^procedures_lifetime)
3307 Respiratory_rate<=ceil(High_Density_Lipoprotein_Cholesterol)/mean_Pain_seve
rity___0_10_verbal_numeric_rating__Score___Reported
3308 Respiratory_rate<=1/2*Low_Density_Lipoprotein_Cholesterol-Urea_Nitrogen
3309 Respiratory_rate<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Calcium
3310 Respiratory_rate<=-Heart_rate+Systolic_Blood_Pressure
3311 Respiratory_rate<=ceil(1/2*QALY)
3312 Respiratory_rate<=maximum(mean_Respiratory_rate,e^lifetime_care_plans)
3313 Respiratory_rate<=Body_Mass_Index-lifetime_care_plans

```

3314 Respiratory_rate<=-Aspartate_aminotransferase__Enzymatic_activity_volume__i
 n_Serum,Plasma+ceil(lifetime_care_plan_length)
 3315 Respiratory_rate<=floor(Potassium^2)
 3316 Respiratory_rate<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*Potassium
 3317 Respiratory_rate<=maximum(mean_Respiratory_rate,DALY^2)
 3318 Respiratory_rate<=-active_care_plans+floor(Carbon_Dioxide)
 3319 Respiratory_rate<=-Heart_rate+Triglycerides
 3320 Respiratory_rate<=2*Low_Density_Lipoprotein_Cholesterol/Calcium
 3321
 Respiratory_rate<=active_care_plans+e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3322 Respiratory_rate<=1/2*Carbon_Dioxide/Bilirubin_total__Mass_volume__in_Serum
 ,Plasma
 3323 Respiratory_rate<=maximum(mean_Respiratory_rate,1/2*Microalbumin_Creatinine
 _Ratio)
 3324 Respiratory_rate<=Carbon_Dioxide-active_care_plans
 3325 Respiratory_rate<=1/2*Estimated_Glomerular_Filtration_Rate+procedures_lifet
 ime_cost
 3326 Respiratory_rate<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*Leukocytes____vo
 lume__in_Blood_by_Automated_count
 3327 Respiratory_rate>=longitude
 3328 Respiratory_rate>=ceil(sqrt(Sodium))
 3329 Respiratory_rate>=minimum(mean_Respiratory_rate,-Triglycerides)
 3330 Respiratory_rate>=Platelets____volume__in_Blood_by_Automated_count/MCH__Ent
 itic_mass__by_Automated_count
 3331 Respiratory_rate>=Pain_severity___0_10_verbal_numeric_rating__Score____Repo
 rted+medications_active
 3332 Respiratory_rate>=-mean_Creatinine+mean_Respiratory_rate
 3333 Respiratory_rate>=minimum(procedures_lifetime,1/2*Carbon_Dioxide)
 3334 Respiratory_rate>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automat
 ed_count
 3335 Respiratory_rate>=ceil(Platelet_mean_volume__Entitic_volume__in_Blood_by_Au
 tomated_count)
 3336 Respiratory_rate>=floor(1/2*Carbon_Dioxide)
 3337 Respiratory_rate>=-healthcare_expenses
 3338 Respiratory_rate>=2*active_care_plans
 3339 Respiratory_rate>=minimum(mean_Respiratory_rate,-Estimated_Glomerular_Filtr
 ation_Rate)
 3340 Respiratory_rate>=healthcare_expenses^longitude
 3341 Respiratory_rate>=floor(log(healthcare_coverage))
 3342 Respiratory_rate>=2*medications_lifetime/Body_Height
 3343 Respiratory_rate>=mean_Respiratory_rate/active_care_plans
 3344
 Respiratory_rate>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_Creatinine
 3345 Respiratory_rate>=active_conditions+log(num_allergies)
 3346 Respiratory_rate>=floor(age)/Microalbumin_Creatinine_Ratio
 3347 Respiratory_rate>=lifetime_care_plans+num_allergies+1
 3348 Respiratory_rate>=active_conditions-procedures_lifetime
 3349 Respiratory_rate>=(lifetime_condition_length+1)/Hematocrit__Volume_Fraction

```

__of_Blood_by_Automated_count
3350 Respiratory_rate>=active_conditions-immunizations_lifetime_cost
3351 Respiratory_rate>=minimum(device_lifetime_length,mean_Respiratory_rate)
3352 Respiratory_rate>=1/2*active_conditions/Creatinine
3353 Respiratory_rate>=floor(sqrt(Low_Density_Lipoprotein_Cholesterol))
3354 Respiratory_rate>=minimum(mean_Respiratory_rate,10^immunizations_lifetime)
3355 Respiratory_rate>=active_care_plans*imaging_studies_lifetime
3356 Respiratory_rate>=mean_Respiratory_rate^QOLS
3357 Respiratory_rate>=immunizations_lifetime^2-1
3358 Respiratory_rate>=minimum(mean_Respiratory_rate,1/2*Hemoglobin_A1c_Hemoglob
in_total_in_Blood)
3359
Respiratory_rate>=1/2*medications_lifetime_dispenses/Systolic_Blood_Pressure
3360 Respiratory_rate>=ceil(2*mean_Creatinine)
3361 Respiratory_rate>=(10^healthcare_expenses)^longitude
3362 Respiratory_rate>=Body_Mass_Index-mean_Carbon_Dioxide-1
3363
Respiratory_rate>=minimum(lifetime_conditions,sqrt(Systolic_Blood_Pressure))
3364 Respiratory_rate>=floor(sqrt(Systolic_Blood_Pressure))
3365 Respiratory_rate>=log(imaging_studies_lifetime)/log(10)+active_conditions
3366 Respiratory_rate>=Body_Height-
Platelets___volume__in_Blood_by_Automated_count
3367 Respiratory_rate>=(Pain_severity___0_10_verbal_numeric_rating__Score___Rep
orted-1)*mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
3368 Respiratory_rate>=active_conditions-procedures_lifetime_cost+1
3369 Respiratory_rate>=(active_care_plans-1)*mean_Pain_severity___0_10_verbal_nu
meric_rating__Score___Reported
3370 Respiratory_rate>=minimum(Platelet_distribution_width__Entitic_volume__in_B
lood_by_Automated_count,2*lifetime_care_plans)
3371 Respiratory_rate>=(active_conditions-1)/DALY
3372 Respiratory_rate>=2*lifetime_conditions-medications_lifetime
3373
Respiratory_rate>=minimum(mean_Respiratory_rate,10^imaging_studies_lifetime)
3374 Respiratory_rate>=10^immunizations_lifetime-
Glomerular_filtration_rate_1_73_sq_M_predicted
3375 Heart_rate<=healthcare_expenses
3376 Heart_rate<=e^sqrt(Carbon_Dioxide)
3377 Heart_rate<=10^Potassium/active_condition_length
3378 Heart_rate<=healthcare_coverage+mean_Heart_rate
3379 Heart_rate<=QALY*log(Carbon_Dioxide)
3380 Heart_rate<=immunizations_lifetime_cost+mean_Heart_rate
3381 Heart_rate<=mean_Heart_rate^active_conditions
3382 Heart_rate<=maximum(mean_Heart_rate,e^DALY)
3383 Heart_rate<=Systolic_Blood_Pressure-Urea_Nitrogen
3384 Heart_rate<=10^medications_active+mean_Low_Density_Lipoprotein_Cholesterol
3385 Heart_rate<=-Respiratory_rate+Systolic_Blood_Pressure
3386 Heart_rate<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,P
lasma*Globulin__Mass_volume__in_Serum_by_calculation^2

```



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3387 Heart_rate<=maximum(Triglycerides,mean_Heart_rate)
3388 Heart_rate<=mean_Heart_rate^active_care_plans
3389 Heart_rate<=-Respiratory_rate+Triglycerides
3390 Heart_rate<=maximum(Sodium,mean_Heart_rate)
3391
Heart_rate<=Leukocytes___volume__in_Blood_by_Automated_count+mean_Heart_rate
3392 Heart_rate<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+mean_High_Density_Lipoprotein_Cholesterol-1
3393
Heart_rate<=1/2*active_condition_length+mean_Low_Density_Lipoprotein_Cholesterol
3394 Heart_rate<=encounters_lifetime_payer_coverage+mean_Heart_rate
3395 Heart_rate<=maximum(lifetime_condition_length,mean_Heart_rate)
3396 Heart_rate<=(DALY-1)*mean_Estimated_Glomerular_Filtration_Rate
3397 Heart_rate<=2*Triglycerides/immunizations_lifetime
3398 Heart_rate<=Body_Mass_Index*Potassium
3399 Heart_rate<=Systolic_Blood_Pressure-lifetime_conditions-1
3400 Heart_rate<=ceil(Chloride)-medications_active
3401 Heart_rate<=1/2*Low_Density_Lipoprotein_Cholesterol+healthcare_coverage
3402 Heart_rate<=Urea_Nitrogen^2/medications_lifetime_perc_covered
3403 Heart_rate<=Diastolic_Blood_Pressure+mean_Carbon_Dioxide-1
3404 Heart_rate<=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Diastolic_Blood_Pressure
3405 Heart_rate<=Low_Density_Lipoprotein_Cholesterol*log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)/log(10)
3406 Heart_rate<=maximum(Diastolic_Blood_Pressure,e^Leukocytes___volume__in_Blood_by_Automated_count)
3407 Heart_rate<=maximum(mean_Heart_rate,encounters_count^2)
3408 Heart_rate<=10^immunizations_lifetime*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
3409
Heart_rate<=1/2*MCHC__Mass_volume__by_Automated_count+lifetime_care_plan_length
3410
Heart_rate<=1/2*Globulin__Mass_volume__in_Serum_by_calculation*mean_Heart_rate
3411 Heart_rate<=2*DALY+mean_Heart_rate
3412 Heart_rate<=Sodium*mean_Creatinine
3413 Heart_rate<=2*Total_Cholesterol/num_allergies
3414 Heart_rate<=immunizations_lifetime_cost+lifetime_care_plan_length-1
3415 Heart_rate<=Glucose+2*Respiratory_rate
3416 Heart_rate<=Chloride-Potassium-1
3417 Heart_rate<=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+2*Systolic_Blood_Pressure
3418 Heart_rate<=Triglycerides^2/mean_Systolic_Blood_Pressure
3419 Heart_rate<=10^Globulin__Mass_volume__in_Serum_by_calculation-Body_Mass_Index
3420 Heart_rate<=maximum(mean_Heart_rate,Glomerular_filtration_rate_1_73_sq_M_predicted^2)
3421 Heart_rate<=10^medications_active*mean_High_Density_Lipoprotein_Cholesterol
3422 Heart_rate<=QALY*log(Estimated_Glomerular_Filtration_Rate)

```

3423 Heart_rate<=2*Low_Density_Lipoprotein_Cholesterol*mean_Creatinine
 3424 Heart_rate<=maximum(lifetime_care_plan_length,2*High_Density_Lipoprotein_Cholesterol)
 3425 Heart_rate<=2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+Urea_Nitrogen
 3426 Heart_rate<=-Potassium+mean_Chloride
 3427 Heart_rate>=latitude
 3428 Heart_rate>=floor(High_Density_Lipoprotein_Cholesterol)-procedures_lifetime
 3429 Heart_rate>=procedures_lifetime+1
 3430 Heart_rate>=floor(active_care_plan_length)-immunizations_lifetime_cost
 3431 Heart_rate>=minimum(mean_Heart_rate,floor(active_care_plan_length))
 3432 Heart_rate>=-Respiratory_rate-longitude
 3433 Heart_rate>=-active_care_plans+mean_High_Density_Lipoprotein_Cholesterol
 3434 Heart_rate>=-Creatinine+Estimated_Glomerular_Filtration_Rate
 3435 Heart_rate>=mean_Heart_rate^QOLS
 3436 Heart_rate>=-healthcare_expenses
 3437 Heart_rate>=Diastolic_Blood_Pressure-active_care_plan_length+1
 3438 Heart_rate>=mean_Heart_rate-medications_lifetime
 3439 Heart_rate>=-Diastolic_Blood_Pressure+Systolic_Blood_Pressure
 3440 Heart_rate>=1/2*Glucose+1
 3441 Heart_rate>=mean_Heart_rate/active_care_plans
 3442 Heart_rate>=e^active_care_plans/Erythrocytes___volume__in_Blood_by_Automated_count
 3443 Heart_rate>=mean_Heart_rate-procedures_lifetime_cost
 3444 Heart_rate>=10^sqrt(Globulin__Mass_volume__in_Serum_by_calculation)
 3445 Heart_rate>=QOLS*mean_Heart_rate
 3446 Heart_rate>=minimum(Protein__Mass_volume__in_Serum,Plasma,mean_Heart_rate)
 3447 Heart_rate>=healthcare_expenses^longitude
 3448 Heart_rate>=mean_Heart_rate/active_conditions
 3449 Heart_rate>=minimum(mean_Heart_rate,medications_active^2)
 3450 Heart_rate>=2*Microalbumin_Creatinine_Ratio/DALY
 3451 Heart_rate>=sqrt(Sodium)*active_care_plans
 3452 Heart_rate>=minimum(mean_Heart_rate,10^imaging_studies_lifetime)
 3453 Heart_rate>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+1/2*Body_Height
 3454 Heart_rate>=Body_Mass_Index+ceil(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
 3455 Heart_rate>=(-Pain_severity___0_10_verbal_numeric_rating__Score___Reported)^Potassium
 3456 Heart_rate>=Bilirubin_total__Mass_volume__in_Serum,Plasma^2*Diastolic_Blood_Pressure
 3457 Heart_rate>=1/2*Low_Density_Lipoprotein_Cholesterol-medications_active
 3458 Heart_rate>=-active_care_plans+floor(High_Density_Lipoprotein_Cholesterol)
 3459 Heart_rate>=minimum(active_condition_length,Creatinine)
 3460 Heart_rate>=-Microalbumin_Creatinine_Ratio+1/2*lifetime_care_plan_length
 3461 Heart_rate>=minimum(mean_Heart_rate,lifetime_care_plans^2)
 3462 Heart_rate>=1/2*active_condition_length+device_lifetime_length
 3463 Heart_rate>=minimum(mean_Heart_rate,floor(active_condition_length))

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3464 Heart_rate>=Albumin__Mass_volume__in_Serum,Plasma+active_condition_length-1
3465 Heart_rate>=floor(QALY)-medications_lifetime
3466 Heart_rate>=log(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated
_count)^Potassium
3467 Heart_rate>=2*DALY-Urea_Nitrogen
3468 Heart_rate>=sqrt(encounters_lifetime_total_cost)-Triglycerides
3469 Heart_rate>=-Low_Density_Lipoprotein_Cholesterol+Sodium+1
3470 Heart_rate>=minimum(Diastolic_Blood_Pressure,2*Body_Mass_Index)
3471 Heart_rate>=(medications_lifetime_dispenses+1)/active_care_plan_length
3472 Heart_rate>=floor(DALY)*mean_Globulin__Mass_volume__in_Serum_by_calculation
3473 Heart_rate>=(e^imaging_studies_lifetime)^mean_Creatinine
3474 Heart_rate>=-Estimated_Glomerular_Filtration_Rate+floor(age)
3475 Heart_rate>=lifetime_conditions^2-Platelets___volume__in_Blood_by_Automate
d_count
3476 Heart_rate>=minimum(latitude,10^healthcare_expenses)
3477 Heart_rate>=1/2*encounters_lifetime_payer_coverage/mean_Triglycerides
3478 Heart_rate>=Glucose*log(Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported)/log(10)
3479 Heart_rate>=Calcium/QOLS
3480 Heart_rate>=Protein__Mass_volume__in_Serum,Plasma-medications_active
3481 Heart_rate>=latitude*log(num_allergies)
3482 Heart_rate>=(Urea_Nitrogen-1)*Albumin__Mass_volume__in_Serum,Plasma
3483 Heart_rate>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plas
ma+1/2*immunizations_lifetime_cost
3484 Heart_rate>=minimum(mean_Heart_rate,2*device_lifetime_length)
3485 Heart_rate>=(Chloride-1)/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
3486 Heart_rate>=minimum(Microalbumin_Creatinine_Ratio,ceil(High_Density_Lipopro
tein_Cholesterol))
3487 Heart_rate>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+floor(High_Densi
ty_Lipoprotein_Cholesterol)
3488 Heart_rate>=Low_Density_Lipoprotein_Cholesterol-
mean_Diastolic_Blood_Pressure+1
3489 Heart_rate>=1/2*Microalbumin_Creatinine_Ratio/mean_Pain_severity___0_10_ver
bal_numeric_rating__Score___Reported
3490 Heart_rate>=ceil(DXA__T_score__Bone_density)^Pain_severity___0_10_verbal_nu
meric_rating__Score___Reported
3491 Systolic_Blood_Pressure<=healthcare_expenses
3492 Systolic_Blood_Pressure<=maximum(Sodium,mean_Systolic_Blood_Pressure)
3493 Systolic_Blood_Pressure<=maximum(Body_Height,mean_Systolic_Blood_Pressure)
3494 Systolic_Blood_Pressure<=mean_Systolic_Blood_Pressure^active_conditions
3495 Systolic_Blood_Pressure<=mean_Systolic_Blood_Pressure/QOLS
3496 Systolic_Blood_Pressure<=Triglycerides*log(Estimated_Glomerular_Filtration_
Rate)/log(10)
3497
Systolic_Blood_Pressure<=maximum(Total_Cholesterol,mean_Systolic_Blood_Pressure)
3498 Systolic_Blood_Pressure<=10^medications_active*mean_Systolic_Blood_Pressure
3499 Systolic_Blood_Pressure<=Globulin__Mass_volume__in_Serum_by_calculation*cei
l(Protein__Mass_volume__in_Serum,Plasma)

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3500 Systolic_Blood_Pressure<=mean_Systolic_Blood_Pressure^active_care_plans
 3501 Systolic_Blood_Pressure<=sqrt(Alanine_aminotransferase__Enzymatic_activity_
 volume__in_Serum,Plasma)*active_care_plan_length
 3502 Systolic_Blood_Pressure<=sqrt(Erythrocytes____volume__in_Blood_by_Automated
 _count)+mean_Systolic_Blood_Pressure
 3503 Systolic_Blood_Pressure<=(DALY+1)*mean_Estimated_Glomerular_Filtration_Rate
 3504 Systolic_Blood_Pressure<=log(Sodium)+mean_Total_Cholesterol
 3505 Systolic_Blood_Pressure<=Diastolic_Blood_Pressure+Heart_rate
 3506 Systolic_Blood_Pressure<=active_care_plan_length*log(MCH__Entitic_mass__by_
 Automated_count)
 3507 Systolic_Blood_Pressure<=Microalbumin_Creatinine_Ratio*floor(QALY)
 3508
 Systolic_Blood_Pressure<=2*Low_Density_Lipoprotein_Cholesterol+active_care_plans
 3509 Systolic_Blood_Pressure<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-
 active_condition_length
 3510 Systolic_Blood_Pressure<=maximum(medications_lifetime_length,mean_Systolic_
 Blood_Pressure)
 3511 Systolic_Blood_Pressure<=10^active_care_plans+Estimated_Glomerular_Filtrati
 on_Rate
 3512 Systolic_Blood_Pressure<=2*Sodium-mean_Low_Density_Lipoprotein_Cholesterol
 3513 Systolic_Blood_Pressure<=sqrt(Alanine_aminotransferase__Enzymatic_activity_
 volume__in_Serum,Plasma)+mean_Systolic_Blood_Pressure
 3514 Systolic_Blood_Pressure<=Triglycerides^2/Heart_rate
 3515 Systolic_Blood_Pressure<=10^procedures_lifetime_cost+mean_Triglycerides
 3516 Systolic_Blood_Pressure<=QALY*log(Sodium)
 3517 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,encounters_co
 unt^2)
 3518 Systolic_Blood_Pressure<=log(Alkaline_phosphatase__Enzymatic_activity_volum
 e__in_Serum,Plasma)*mean_High_Density_Lipoprotein_Cholesterol
 3519 Systolic_Blood_Pressure<=2*active_conditions+mean_Systolic_Blood_Pressure
 3520 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,medications_l
 ifetime^2)
 3521 Systolic_Blood_Pressure<=active_care_plan_length^2/Creatinine
 3522 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,2*lifetime_co
 ndition_length)
 3523 Systolic_Blood_Pressure<=log(High_Density_Lipoprotein_Cholesterol)*mean_Hig
 h_Density_Lipoprotein_Cholesterol
 3524 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,1/imaging_stu
 dies_lifetime)
 3525 Systolic_Blood_Pressure<=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plas
 ma+mean_Systolic_Blood_Pressure
 3526 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,1/2*medicatio
 ns_lifetime_dispenses)
 3527 Systolic_Blood_Pressure<=1/2*QALY+mean_Systolic_Blood_Pressure
 3528 Systolic_Blood_Pressure<=sqrt(QALY)*mean_Carbon_Dioxide
 3529 Systolic_Blood_Pressure<=1/2*Low_Density_Lipoprotein_Cholesterol*Potassium
 3530 Systolic_Blood_Pressure<=2*QALY+mean_Diastolic_Blood_Pressure
 3531 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,1/2*Platelet_

```

distribution_width__Entitic_volume__in_Blood_by_Automated_count)
3532
Systolic_Blood_Pressure<=2*Heart_rate+mean_Estimated_Glomerular_Filtration_Rate
3533 Systolic_Blood_Pressure<=Diastolic_Blood_Pressure*log(Body_Weight)/log(10)
3534 Systolic_Blood_Pressure<=Heart_rate+e^Erythrocytes___volume__in_Blood_by_A
utomated_count
3535 Systolic_Blood_Pressure<=2*Creatinine*mean_Systolic_Blood_Pressure
3536
Systolic_Blood_Pressure<=e^Potassium+mean_Low_Density_Lipoprotein_Cholesterol
3537 Systolic_Blood_Pressure<=2*Calcium+mean_Systolic_Blood_Pressure
3538 Systolic_Blood_Pressure<=Total_Cholesterol^2/lifetime_care_plan_length
3539 Systolic_Blood_Pressure<=Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma^2/imaging_studies_lifetime
3540 Systolic_Blood_Pressure>=latitude
3541 Systolic_Blood_Pressure>=Heart_rate+Respiratory_rate
3542 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure/active_conditions
3543 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure-
procedures_lifetime_cost
3544 Systolic_Blood_Pressure>=Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma+mean_High_Density_Lipoprotein_Cholesterol-1
3545 Systolic_Blood_Pressure>=ceil(Aspartate_aminotransferase__Enzymatic_activit
y_volume__in_Serum,Plasma)/encounters_lifetime_perc_covered
3546 Systolic_Blood_Pressure>=Erythrocyte_distribution_width__Entitic_volume__by
_Automated_count+active_care_plan_length-1
3547 Systolic_Blood_Pressure>=Heart_rate+lifetime_conditions+1
3548
Systolic_Blood_Pressure>=1/2*medications_lifetime_dispenses/Respiratory_rate
3549 Systolic_Blood_Pressure>=-healthcare_expenses
3550 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure-medications_lifetime
3551 Systolic_Blood_Pressure>=2*device_lifetime_length+1
3552 Systolic_Blood_Pressure>=sqrt(QOLS)*mean_Systolic_Blood_Pressure
3553 Systolic_Blood_Pressure>=floor(Body_Weight)
3554 Systolic_Blood_Pressure>=Body_Height-
mean_Protein__Mass_volume__in_Serum,Plasma+1
3555 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,1/2*immunizat
ions_lifetime_cost)
3556 Systolic_Blood_Pressure>=sqrt(Erythrocyte_distribution_width__Entitic_volum
e__by_Automated_count)*lifetime_conditions
3557 Systolic_Blood_Pressure>=minimum(Low_Density_Lipoprotein_Cholesterol,mean_C
hloride)
3558 Systolic_Blood_Pressure>=Chloride+log(Bilirubin_total__Mass_volume__in_Seru
m,Plasma)
3559 Systolic_Blood_Pressure>=healthcare_expenses^longitude
3560 Systolic_Blood_Pressure>=sqrt(Body_Height)/QOLS
3561 Systolic_Blood_Pressure>=floor(latitude)*imaging_studies_lifetime
3562 Systolic_Blood_Pressure>=sqrt(Bilirubin_total__Mass_volume__in_Serum,Plasma
)*mean_Systolic_Blood_Pressure
3563 Systolic_Blood_Pressure>=log(MCH__Entitic_mass__by_Automated_count)*mean_MC

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H__Entitic_mass__by_Automated_count
 3564 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure^QOLS
 3565 Systolic_Blood_Pressure>=Chloride-procedures_lifetime_cost
 3566 Systolic_Blood_Pressure>=Heart_rate+ceil(Urea_Nitrogen)
 3567 Systolic_Blood_Pressure>=e^Albumin__Mass_volume__in_Serum,Plasma-
 medications_lifetime
 3568 Systolic_Blood_Pressure>=Globulin__Mass_volume__in_Serum_by_calculation^Pai
 n_severity___0_10_verbal_numeric_rating__Score____Reported
 3569 Systolic_Blood_Pressure>=-High_Density_Lipoprotein_Cholesterol+2*QALY
 3570 Systolic_Blood_Pressure>=Low_Density_Lipoprotein_Cholesterol-
 healthcare_coverage+1
 3571 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure/active_care_plans
 3572 Systolic_Blood_Pressure>=-Carbon_Dioxide+mean_Systolic_Blood_Pressure
 3573
 Systolic_Blood_Pressure>=Bilirubin_total__Mass_volume__in_Serum,Plasma*Glucose
 3574 Systolic_Blood_Pressure>=(immunizations_lifetime^2)^Creatinine
 3575 Systolic_Blood_Pressure>=minimum(Low_Density_Lipoprotein_Cholesterol,floor(
 Chloride))
 3576 Systolic_Blood_Pressure>=(Urea_Nitrogen+1)*medications_active
 3577 Systolic_Blood_Pressure>=(1/2*immunizations_lifetime)^active_conditions
 3578 Systolic_Blood_Pressure>=Aspartate_aminotransferase__Enzymatic_activity_vol
 ume__in_Serum,Plasma+Protein__Mass_volume__in_Serum,Plasma+1
 3579 Systolic_Blood_Pressure>=-Microalbumin_Creatinine_Ratio+mean_Systolic_Blood
 _Pressure
 3580 Systolic_Blood_Pressure>=minimum(Triglycerides,Creatinine)
 3581 Systolic_Blood_Pressure>=-mean_Estimated_Glomerular_Filtration_Rate+mean_Sy
 stolic_Blood_Pressure
 3582 Systolic_Blood_Pressure>=-encounters_lifetime_payer_coverage+mean_Systolic_
 Blood_Pressure
 3583 Systolic_Blood_Pressure>=log(MCHC__Mass_volume__by_Automated_count)*procedu
 res_lifetime
 3584 Systolic_Blood_Pressure>=2*Platelet_mean_volume__Entitic_volume__in_Blood_b
 y_Automated_count*active_care_plans
 3585 Systolic_Blood_Pressure>=Body_Mass_Index+2*DALY
 3586 Systolic_Blood_Pressure>=1/2*Microalbumin_Creatinine_Ratio+longitude
 3587 Systolic_Blood_Pressure>=Erythrocyte_distribution_width__Entitic_volume__by
 _Automated_count+active_condition_length+1
 3588 Systolic_Blood_Pressure>=MCH__Entitic_mass__by_Automated_count*sqrt(Respira
 tory_rate)
 3589 Systolic_Blood_Pressure>=Chloride-immunizations_lifetime_cost+1
 3590 Systolic_Blood_Pressure>=log(num_allergies)*mean_Glucose
 3591 Systolic_Blood_Pressure>=2*Diastolic_Blood_Pressure-Glucose
 3592 Systolic_Blood_Pressure>=Hematocrit__Volume_Fraction__of_Blood_by_Automated
 _count+active_condition_length
 3593 Systolic_Blood_Pressure>=Body_Height-Low_Density_Lipoprotein_Cholesterol-1
 3594 Systolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
 3595
 Systolic_Blood_Pressure>=minimum(Microalbumin_Creatinine_Ratio,mean_Chloride)

3596 Systolic_Blood_Pressure>=-MCV__Entitic_volume__by_Automated_count+e^Erythrocytes___volume__in_Blood_by_Automated_count
 3597 Systolic_Blood_Pressure>=mean_Low_Density_Lipoprotein_Cholesterol-procedures_lifetime_cost
 3598 Systolic_Blood_Pressure>=Albumin__Mass_volume__in_Serum,Plasma*active_care_plans^2
 3599 Systolic_Blood_Pressure>=log(lifetime_care_plans)*mean_Systolic_Blood_Pressure/log(10)
 3600 Systolic_Blood_Pressure>=-healthcare_coverage+mean_Systolic_Blood_Pressure
 3601 Systolic_Blood_Pressure>=QALY+1/2*active_care_plan_length
 3602 Systolic_Blood_Pressure>=active_condition_length*log(Estimated_Glomerular_Filtration_Rate)/log(10)
 3603 Systolic_Blood_Pressure>=(1/DXA__T_score__Bone_density)^Pain_severity___0_1_0_verbal_numeric_rating__Score___Reported
 3604 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,1/2*lifetime_care_plan_length)
 3605 Systolic_Blood_Pressure>=sqrt(lifetime_condition_length)+mean_Diastolic_Blood_Pressure
 3606 Diastolic_Blood_Pressure<=healthcare_expenses
 3607 Diastolic_Blood_Pressure<=Carbon_Dioxide*Potassium
 3608
 Diastolic_Blood_Pressure<=maximum(Triglycerides,mean_Diastolic_Blood_Pressure)
 3609 Diastolic_Blood_Pressure<=-DALY+Triglycerides
 3610
 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure+procedures_lifetime_cost
 3611 Diastolic_Blood_Pressure<=log(Respiratory_rate)*mean_Diastolic_Blood_Pressure/log(10)
 3612 Diastolic_Blood_Pressure<=2*Potassium+mean_Diastolic_Blood_Pressure
 3613 Diastolic_Blood_Pressure<=log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)+mean_Diastolic_Blood_Pressure
 3614 Diastolic_Blood_Pressure<=healthcare_coverage+mean_Diastolic_Blood_Pressure
 3615 Diastolic_Blood_Pressure<=floor(Estimated_Glomerular_Filtration_Rate^2)
 3616 Diastolic_Blood_Pressure<=(active_care_plan_length+1)*mean_Microalbumin_Creatinine_Ratio
 3617 Diastolic_Blood_Pressure<=maximum(lifetime_condition_length,mean_Diastolic_Blood_Pressure)
 3618 Diastolic_Blood_Pressure<=encounters_lifetime_payer_coverage+mean_Diastolic_Blood_Pressure
 3619 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,encounters_count^2)
 3620 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure^active_conditions
 3621 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure/QOLS
 3622 Diastolic_Blood_Pressure<=2*QALY+mean_Carbon_Dioxide
 3623 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure^active_care_plans
 3624 Diastolic_Blood_Pressure<=2*High_Density_Lipoprotein_Cholesterol+active_conditions
 3625 Diastolic_Blood_Pressure<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/medications_active

3626 Diastolic_Blood_Pressure<=Sodium-device_lifetime_length-1
 3627 Diastolic_Blood_Pressure<=Body_Mass_Index*log(High_Density_Lipoprotein_Cholesterol)
 3628 Diastolic_Blood_Pressure<=log(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)/log(10)+mean_Diastolic_Blood_Pressure
 3629 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,mean_MCV__Entitic_volume__by_Automated_count)
 3630
 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,Urea_Nitrogen^2)
 3631 Diastolic_Blood_Pressure<=maximum(Sodium,mean_Diastolic_Blood_Pressure)
 3632 Diastolic_Blood_Pressure<=sqrt(Erythrocytes___volume__in_Blood_by_Automated_count)*QALY
 3633 Diastolic_Blood_Pressure<=floor(Calcium)+mean_Diastolic_Blood_Pressure
 3634 Diastolic_Blood_Pressure<=e^active_care_plans+mean_Diastolic_Blood_Pressure
 3635 Diastolic_Blood_Pressure<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+mean_High_Density_Lipoprotein_Cholesterol-1
 3636
 Diastolic_Blood_Pressure<=e^procedures_lifetime+mean_Diastolic_Blood_Pressure
 3637 Diastolic_Blood_Pressure<=floor(Glomerular_filtration_rate_1_73_sq_M_predicted)+immunizations_lifetime_cost
 3638 Diastolic_Blood_Pressure<=ceil(Erythrocytes___volume__in_Blood_by_Automated_count)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3639 Diastolic_Blood_Pressure<=10^Leukocytes___volume__in_Blood_by_Automated_count/Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 3640 Diastolic_Blood_Pressure<=Body_Weight+MCHC__Mass_volume__by_Automated_count
 3641
 Diastolic_Blood_Pressure<=(Creatinine+1)*High_Density_Lipoprotein_Cholesterol
 3642
 Diastolic_Blood_Pressure<=2*Glomerular_filtration_rate_1_73_sq_M_predicted+QALY
 3643 Diastolic_Blood_Pressure<=Chloride+immunizations_lifetime_cost-1
 3644 Diastolic_Blood_Pressure<=active_condition_length*ceil(Globulin__Mass_volume__in_Serum_by_calculation)
 3645 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2)
 3646 Diastolic_Blood_Pressure<=sqrt(lifetime_care_plan_length)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3647 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,floor(lifetime_condition_length))
 3648 Diastolic_Blood_Pressure<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Glucose
 3649 Diastolic_Blood_Pressure<=Protein__Mass_volume__in_Serum,Plasma+medications_lifetime-1
 3650 Diastolic_Blood_Pressure<=1/2*Triglycerides+healthcare_coverage
 3651 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,Leukocytes___volume__in_Blood_by_Automated_count^2)
 3652 Diastolic_Blood_Pressure>=latitude
 3653 Diastolic_Blood_Pressure>=ceil(active_condition_length)
 3654 Diastolic_Blood_Pressure>=-active_conditions+mean_Diastolic_Blood_Pressure


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3655 Diastolic_Blood_Pressure>=floor(-longitude)
3656 Diastolic_Blood_Pressure>=-healthcare_expenses
3657 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure/active_conditions
3658 Diastolic_Blood_Pressure>=MCH__Entitic_mass__by_Automated_count+ceil(Erythr
ocyte_distribution_width__Entitic_volume__by_Automated_count)
3659 Diastolic_Blood_Pressure>=(num_allergies+1)*lifetime_conditions
3660 Diastolic_Blood_Pressure>=-active_conditions+floor(age)
3661 Diastolic_Blood_Pressure>=healthcare_expenses^longitude
3662 Diastolic_Blood_Pressure>=(Hemoglobin__Mass_volume__in_Blood-1)*lifetime_ca
re_plans
3663 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure^QOLS
3664 Diastolic_Blood_Pressure>=sqrt(Estimated_Glomerular_Filtration_Rate)+active
_condition_length
3665 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure/active_care_plans
3666 Diastolic_Blood_Pressure>=medications_lifetime_dispenses/MCHC__Mass_volume_
_by_Automated_count
3667 Diastolic_Blood_Pressure>=sqrt(Microalbumin_Creatinine_Ratio)+QALY
3668 Diastolic_Blood_Pressure>=minimum(High_Density_Lipoprotein_Cholesterol,mean
_Diastolic_Blood_Pressure)
3669 Diastolic_Blood_Pressure>=1/2*Prostate_specific_Ag__Mass_volume__in_Serum,P
lasma+age
3670 Diastolic_Blood_Pressure>=-Respiratory_rate+procedures_lifetime-1
3671 Diastolic_Blood_Pressure>=sqrt(medications_lifetime_length)-latitude
3672 Diastolic_Blood_Pressure>=e^immunizations_lifetime*mean_Pain_severity___0_1
0_verbal_numeric_rating__Score___Reported
3673 Diastolic_Blood_Pressure>=ceil(active_care_plan_length)-procedures_lifetime
3674 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,lifetime_ca
re_plans^2)
3675 Diastolic_Blood_Pressure>=2*Protein__Mass_volume__in_Serum,Plasma/Globulin_
_Mass_volume__in_Serum_by_calculation
3676 Diastolic_Blood_Pressure>=minimum(Heart_rate,2*Body_Mass_Index)
3677
Diastolic_Blood_Pressure>=-DALY+Glomerular_filtration_rate_1_73_sq_M_predicted-1
3678 Diastolic_Blood_Pressure>=(medications_lifetime+1)/mean_Respiratory_rate
3679 Diastolic_Blood_Pressure>=minimum(Alkaline_phosphatase__Enzymatic_activity_
volume__in_Serum,Plasma,mean_Diastolic_Blood_Pressure)
3680 Diastolic_Blood_Pressure>=-Urea_Nitrogen+mean_Diastolic_Blood_Pressure
3681 Diastolic_Blood_Pressure>=-DALY+mean_Diastolic_Blood_Pressure
3682 Diastolic_Blood_Pressure>=Heart_rate-mean_Carbon_Dioxide+1
3683 Diastolic_Blood_Pressure>=(active_care_plans+1)^2
3684 Diastolic_Blood_Pressure>=-Heart_rate+Systolic_Blood_Pressure
3685 Diastolic_Blood_Pressure>=-age+mean_Systolic_Blood_Pressure
3686
Diastolic_Blood_Pressure>=minimum(Heart_rate,floor(active_care_plan_length))
3687 Diastolic_Blood_Pressure>=Body_Weight-QALY+1
3688 Diastolic_Blood_Pressure>=2*active_conditions*mean_Globulin__Mass_volume__i
n_Serum_by_calculation
3689 Diastolic_Blood_Pressure>=Estimated_Glomerular_Filtration_Rate-

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Urea_Nitrogen-1

3690 Diastolic_Blood_Pressure>=sqrt(Triglycerides)*mean_Creatinine

3691

Diastolic_Blood_Pressure>=1/2*Creatinine*MCH__Entitic_mass__by_Automated_count

3692 Diastolic_Blood_Pressure>=floor(Glomerular_filtration_rate_1_73_sq_M_predic
ted)-immunizations_lifetime_cost

3693 Diastolic_Blood_Pressure>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma+m
ean_High_Density_Lipoprotein_Cholesterol

3694 Diastolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)

3695 Diastolic_Blood_Pressure>=Sodium-mean_Heart_rate-1

3696

Diastolic_Blood_Pressure>=1/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-
longitude

3697 Diastolic_Blood_Pressure>=Hematocrit__Volume_Fraction__of_Blood_by_Automate
d_count+floor(device_lifetime_length)

3698

Diastolic_Blood_Pressure>=2*Body_Weight/Hemoglobin_A1c_Hemoglobin_total_in_Blood

3699 Diastolic_Blood_Pressure>=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mea
n_Heart_rate/log(10)

3700 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,10^imaging_
studies_lifetime)

3701 Diastolic_Blood_Pressure>=floor(Platelet_mean_volume__Entitic_volume__in_Bl
ood_by_Automated_count)*medications_active

3702 Diastolic_Blood_Pressure>=-Low_Density_Lipoprotein_Cholesterol+e^Potassium

3703 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,medications
_active^2)

3704

Diastolic_Blood_Pressure>=sqrt(Carbon_Dioxide)*Hemoglobin__Mass_volume__in_Blood

3705 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,1/medicatio
ns_active)

3706 Diastolic_Blood_Pressure>=2*Sodium/Albumin__Mass_volume__in_Serum,Plasma

3707

Diastolic_Blood_Pressure>=log(Systolic_Blood_Pressure)*mean_Respiratory_rate

3708 Diastolic_Blood_Pressure>=Body_Weight-active_care_plan_length+1

3709 Body_Mass_Index<=healthcare_expenses

3710 Body_Mass_Index<=ceil(mean_Body_Mass_Index)

3711 Body_Mass_Index<=maximum(encounters_count,mean_Body_Mass_Index)

3712 Body_Mass_Index<=maximum(active_care_plan_length,mean_Body_Mass_Index)

3713 Body_Mass_Index<=mean_Body_Mass_Index^active_conditions

3714 Body_Mass_Index<=maximum(medications_lifetime,mean_Body_Mass_Index)

3715 Body_Mass_Index<=maximum(Triglycerides,mean_Body_Mass_Index)

3716 Body_Mass_Index<=maximum(mean_Body_Mass_Index,mean_High_Density_Lipoprotein
_Cholesterol)

3717 Body_Mass_Index<=maximum(active_condition_length,mean_Body_Mass_Index)

3718 Body_Mass_Index<=Diastolic_Blood_Pressure*log(Hemoglobin_A1c_Hemoglobin_tot
al_in_Blood)/log(10)

3719 Body_Mass_Index<=2*encounters_lifetime_perc_covered+mean_Body_Mass_Index

3720 Body_Mass_Index<=maximum(mean_Body_Mass_Index,mean_Glomerular_filtration_ra

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te_1_73_sq_M_predicted)
3721 Body_Mass_Index<=mean_Body_Mass_Index+medications_active
3722 Body_Mass_Index<=Pain_severity___0_10_verbal_numeric_rating__Score___Report
ted+mean_Body_Mass_Index
3723 Body_Mass_Index<=healthcare_coverage+mean_Body_Mass_Index
3724 Body_Mass_Index<=mean_Body_Mass_Index^active_care_plans
3725 Body_Mass_Index<=mean_Body_Mass_Index/QOLS
3726 Body_Mass_Index<=maximum(mean_Body_Mass_Index,mean_Alanine_aminotransferase
__Enzymatic_activity_volume__in_Serum,Plasma)
3727 Body_Mass_Index<=maximum(Sodium,mean_Body_Mass_Index)
3728 Body_Mass_Index<=1/medications_active+mean_Body_Mass_Index
3729 Body_Mass_Index<=1/Potassium+mean_Body_Mass_Index
3730 Body_Mass_Index<=maximum(mean_Body_Mass_Index,mean_Prostate_specific_Ag__Ma
ss_volume__in_Serum,Plasma)
3731 Body_Mass_Index<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*sqrt(Sodium)
3732 Body_Mass_Index<=Calcium*log(MCH__Entitic_mass__by_Automated_count)
3733 Body_Mass_Index<=DALY+Estimated_Glomerular_Filtration_Rate+1
3734 Body_Mass_Index<=maximum(mean_Body_Mass_Index,1/imaging_studies_lifetime)
3735 Body_Mass_Index<=maximum(mean_Body_Mass_Index,e^DALY)
3736 Body_Mass_Index<=maximum(mean_Body_Mass_Index,10^Creatinine)
3737 Body_Mass_Index>=longitude
3738 Body_Mass_Index>=encounters_lifetime_perc_covered+mean_Body_Mass_Index-1
3739 Body_Mass_Index>=healthcare_expenses^longitude
3740 Body_Mass_Index>=Respiratory_rate+lifetime_care_plans
3741 Body_Mass_Index>=minimum(mean_Body_Mass_Index,active_care_plans^2)
3742 Body_Mass_Index>=minimum(procedures_lifetime,mean_Body_Mass_Index)
3743 Body_Mass_Index>=mean_Body_Mass_Index-procedures_lifetime
3744 Body_Mass_Index>=2*medications_lifetime/mean_Chloride
3745 Body_Mass_Index>=-healthcare_expenses
3746 Body_Mass_Index>=1/2*Glucose/Globulin__Mass_volume__in_Serum_by_calculation
3747 Body_Mass_Index>=-Leukocytes____volume__in_Blood_by_Automated_count+procedu
res_lifetime
3748 Body_Mass_Index>=minimum(Carbon_Dioxide,mean_Body_Mass_Index)
3749 Body_Mass_Index>=-Pain_severity___0_10_verbal_numeric_rating__Score___Repo
rted+mean_Body_Mass_Index
3750 Body_Mass_Index>=mean_Body_Mass_Index^QOLS
3751 Body_Mass_Index>=minimum(Platelet_distribution_width__Entitic_volume__in_Bl
ood_by_Automated_count,mean_Body_Mass_Index)
3752 Body_Mass_Index>=minimum(mean_Body_Mass_Index,mean_Estimated_Glomerular_Fil
tration_Rate)
3753 Body_Mass_Index>=mean_Body_Mass_Index/active_care_plans
3754 Body_Mass_Index>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Body_Mas
s_Index)
3755 Body_Mass_Index>=minimum(mean_Body_Mass_Index,mean_Calcium)
3756 Body_Mass_Index>=minimum(device_lifetime_length,mean_Body_Mass_Index)
3757 Body_Mass_Index>=2*Urea_Nitrogen*medications_lifetime_perc_covered
3758 Body_Mass_Index>=minimum(mean_Body_Mass_Index,e^Pain_severity___0_10_verbal
_numeric_rating__Score___Reported)

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3759 Body_Mass_Index>=(10^healthcare_expenses)^longitude
3760 Body_Mass_Index>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,2*active_conditions)
3761 Body_Mass_Index>=log(Bilirubin_total__Mass_volume__in_Serum,Plasma)/log(10)+mean_Body_Mass_Index
3762 Body_Mass_Index>=minimum(mean_Body_Mass_Index,10^num_allergies)
3763 Body_Mass_Index>=-High_Density_Lipoprotein_Cholesterol+1/2*Systolic_Blood_Pressure
3764 Body_Mass_Index>=-healthcare_coverage+mean_Body_Mass_Index
3765 Body_Mass_Index>=mean_Body_Mass_Index/active_conditions
3766 Body_Mass_Index>=-encounters_lifetime_payer_coverage+mean_Body_Mass_Index
3767
Body_Mass_Index>=(Erythrocytes___volume__in_Blood_by_Automated_count+1)/QOLS
3768 Body_Mass_Index>=log(QOLS)+mean_Body_Mass_Index
3769 Body_Mass_Index>=2*DALY/Hemoglobin_A1c_Hemoglobin_total_in_Blood
3770 Body_Mass_Index>=minimum(mean_Body_Mass_Index,Hemoglobin_A1c_Hemoglobin_total_in_Blood^2)
3771 Body_Weight<=healthcare_expenses
3772 Body_Weight<=maximum(encounters_count,mean_Body_Weight)
3773 Body_Weight<=log(Potassium)/log(10)+mean_Body_Weight
3774 Body_Weight<=maximum(lifetime_condition_length,mean_Body_Weight)
3775 Body_Weight<=maximum(mean_Body_Weight,1/imaging_studies_lifetime)
3776 Body_Weight<=maximum(Chloride,mean_Body_Weight)
3777 Body_Weight<=mean_Body_Weight+medications_active
3778 Body_Weight<=Pain_severity___0_10_verbal_numeric_rating__Score___Reported+mean_Body_Weight
3779 Body_Weight<=log(medications_lifetime_length)*mean_Estimated_Glomerular_Filtration_Rate
3780 Body_Weight<=healthcare_coverage+mean_Body_Weight
3781 Body_Weight<=mean_Body_Weight^active_care_plans
3782 Body_Weight<=mean_Body_Weight^active_conditions
3783 Body_Weight<=maximum(Triglycerides,mean_Body_Weight)
3784 Body_Weight<=maximum(mean_Body_Weight,1/2*Total_Cholesterol)
3785 Body_Weight<=maximum(mean_Body_Weight,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
3786 Body_Weight<=1/num_allergies+mean_Body_Weight
3787 Body_Weight<=mean_Body_Weight+1/2*medications_active
3788 Body_Weight<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*active_condition_length
3789 Body_Weight<=maximum(mean_Body_Weight,active_conditions^2)
3790 Body_Weight<=maximum(mean_Body_Weight,1/2*medications_lifetime)
3791 Body_Weight<=sqrt(Bilirubin_total__Mass_volume__in_Serum,Plasma)+mean_Body_Weight
3792 Body_Weight<=1/2*Pain_severity___0_10_verbal_numeric_rating__Score___Reported+mean_Body_Weight
3793 Body_Weight<=sqrt(High_Density_Lipoprotein_Cholesterol)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
3794 Body_Weight<=Low_Density_Lipoprotein_Cholesterol*log(Albumin__Mass_volume__

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in_Serum,Plasma)
3795 Body_Weight<=maximum(mean_Body_Weight,Leukocytes___volume__in_Blood_by_Aut
omated_count^2)
3796 Body_Weight>=latitude
3797 Body_Weight>=-active_care_plans+mean_Body_Weight
3798 Body_Weight>=mean_Body_Weight/active_care_plans
3799 Body_Weight>=mean_Body_Weight/active_conditions
3800 Body_Weight>=-healthcare_expenses
3801 Body_Weight>=minimum(active_condition_length,mean_Body_Weight)
3802 Body_Weight>=-encounters_lifetime_payer_coverage+mean_Body_Weight
3803 Body_Weight>=mean_Body_Weight-procedures_lifetime
3804 Body_Weight>=minimum(QALY,mean_Body_Weight)
3805 Body_Weight>=minimum(procedures_lifetime,mean_Body_Weight)
3806 Body_Weight>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Se
rum,Plasma,mean_Body_Weight)
3807 Body_Weight>=minimum(mean_Body_Weight,mean_Heart_rate)
3808 Body_Weight>=mean_Body_Weight^QOLS
3809 Body_Weight>=healthcare_expenses^longitude
3810 Body_Weight>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported
+mean_Body_Weight
3811 Body_Weight>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Body_Weight
3812 Body_Weight>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Bo
dy_Weight)
3813 Body_Weight>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Seru
m,Plasma*log(lifetime_care_plan_length)/log(10)
3814
Body_Weight>=minimum(Protein__Mass_volume__in_Serum,Plasma,mean_Body_Weight)
3815 Body_Weight>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_
by_Automated_count,mean_Body_Weight)
3816 Body_Weight>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Body_Weight)
3817 Body_Weight>=minimum(mean_Body_Weight,e^Hemoglobin_A1c_Hemoglobin_total_in_
Blood)
3818 Body_Weight>=minimum(mean_Body_Weight,mean_Calcium)
3819
Body_Weight>=minimum(mean_Body_Weight,mean_Estimated_Glomerular_Filtration_Rate)
3820 Body_Weight>=maximum(mean_Body_Weight,mean_Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma)
3821 Body_Weight>=minimum(latitude,10^healthcare_expenses)
3822 Body_Weight>=minimum(mean_Body_Weight,10^device_lifetime_length)
3823 Body_Weight>=minimum(mean_Body_Weight,10^immunizations_lifetime)
3824 Body_Weight>=minimum(mean_Body_Weight,1/2*Systolic_Blood_Pressure)
3825 Body_Weight>=1/2*Triglycerides-immunizations_lifetime_cost
3826 Body_Weight>=device_lifetime_length*log(Carbon_Dioxide)/log(10)
3827 Body_Weight>=-healthcare_coverage+mean_Body_Weight
3828 Body_Weight>=Diastolic_Blood_Pressure-MCHC__Mass_volume__by_Automated_count
3829 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=healthcare_e
xpenses
3830 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(DALY

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,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
3831 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^medications_lifetime
3832 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_conditions+1
3833 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Estimated_Glomerular_Filtration_Rate,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
3834 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported^active_care_plans
3835 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_conditions^2
3836 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported^2
3837 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Leukocytes___volume__in_Blood_by_Automated_count)
3838 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Erythrocytes___volume__in_Blood_by_Automated_count)
3839 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Microalbumin_Creatinine_Ratio
3840 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Triglycerides,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
3841 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(mean_Potassium)
3842 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(active_care_plans+1)/num_allergies
3843 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(Respiratory_rate+1)/Creatinine
3844
Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Potassium)
3845 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*encounters_lifetime_perc_covered^2
3846 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-active_condition_length+mean_Low_Density_Lipoprotein_Cholesterol
3847 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_conditions+procedures_lifetime
3848 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(1/encounters_lifetime_perc_covered)^mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
3849 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Albumin__Mass_volume__in_Serum,Plasma)
3850 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*Total_Cholesterol/Body_Weight
3851 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(Estimated_Glomerular_Filtration_Rate,floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma))
3852 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_

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plans/imaging_studies_lifetime
3853 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*floor(mean
_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
3854 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_condi
tions+healthcare_coverage
3855 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(mean_P
ain_severity___0_10_verbal_numeric_rating__Score____Reported^2)
3856 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(medications
_lifetime_dispenses-1)/Microalbumin_Creatinine_Ratio
3857 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(Trig
lycerides,10^healthcare_coverage)
3858 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=immunization
s_lifetime_cost+procedures_lifetime
3859 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=MCH__Entitic
_mass__by_Automated_count-mean_Carbon_Dioxide
3860 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(Carbon_Diox
ide-1)/active_care_plans
3861
Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Respiratory_rate-
medications_active
3862 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=e^DALY/Estim
ated_Glomerular_Filtration_Rate
3863 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*Heart_rate
/device_lifetime_length
3864 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(Esti
mated_Glomerular_Filtration_Rate,sqrt(Prostate_specific_Ag__Mass_volume__in_Seru
m,Plasma))
3865 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=log(Prostate
_specific_Ag__Mass_volume__in_Serum,Plasma)/imaging_studies_lifetime
3866 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(Trig
lycerides,10^medications_active)
3867 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(MCHC__M
ass_volume__by_Automated_count)-procedures_lifetime
3868 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Microa
lbumin_Creatinine_Ratio)/medications_active
3869 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Creatinine*c
eil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3870 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported^healthcare_expenses
3871 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude
3872 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-healthcare_
expenses
3873 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=encounters_l
ifetime_perc_covered^healthcare_coverage
3874 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=log(num_aller
gies)/log(10)
3875
Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-num_allergies

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3876 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=healthcare_e
 xpenses^longitude
 3877 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_care
 _plans+num_allergies
 3878 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_cond
 itions+medications_active+1
 3879 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Carbon_D
 ioxide-mean_Estimated_Glomerular_Filtration_Rate
 3880 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(-immunizati
 ons_lifetime)^Body_Weight
 3881 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=imaging_stud
 ies_lifetime^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 3882 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(log(Pr
 ostate_specific_Ag__Mass_volume__in_Serum,Plasma))
 3883 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*device_l
 ifetime_length-mean_Body_Mass_Index
 3884 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-immunizatio
 ns_lifetime_cost+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Repor
 ted
 3885 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=immunization
 s_lifetime-procedures_lifetime_cost
 3886 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-DALY+QOLS
 3887 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-mean_Creati
 nine+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 3888 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Glom
 erular_filtration_rate_1_73_sq_M_predicted,immunizations_lifetime-1)
 3889 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-encounters_
 lifetime_payer_coverage+imaging_studies_lifetime
 3890 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported-
 medications_lifetime_length
 3891 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported-procedures_lifetime_cost
 3892 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_cond
 itions+immunizations_lifetime
 3893 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(imag
 ing_studies_lifetime,mean_Pain_severity___0_10_verbal_numeric_rating__Score____R
 eported)
 3894 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(log(me
 an_Pain_severity___0_10_verbal_numeric_rating__Score____Reported))
 3895 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(QOLS)*
 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 3896 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported/Globulin__Mass_volume__in
 _Serum_by_calculation
 3897 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Calcium-
 Urea_Nitrogen
 3898 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-encounters_

count+2*medications_active
3899 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=2*QOLS-
healthcare_coverage
3900 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Estimated_G
lomerular_Filtration_Rate+active_conditions-1
3901 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Calcium+2*E
rythrocytes___volume__in_Blood_by_Automated_count
3902 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Body_Weight-
mean_Body_Weight
3903 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Calcium+log
(medications_lifetime_length)
3904 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Protein__Mas
s_volume__in_Serum,Plasma-mean_Glucose+1
3905 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Heart_rate+
Protein__Mass_volume__in_Serum,Plasma+1
3906 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Alkaline_ph
osphatase__Enzymatic_activity_volume__in_Serum,Plasma+1/2*Protein__Mass_volume__
in_Serum,Plasma
3907 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(-immunizati
ons_lifetime)^Carbon_Dioxide
3908 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(High_D
ensity_Lipoprotein_Cholesterol)-mean_Heart_rate
3909 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(log(li
fetime_care_plans)/log(10))
3910 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*immuniza
tions_lifetime-1
3911 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_care
_plans+ceil(Globulin__Mass_volume__in_Serum_by_calculation)
3912 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-QALY+floor(
MCHC__Mass_volume__by_Automated_count)
3913 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Body_Weight
+mean_Body_Weight
3914 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(1/mean
_Creatinine)
3915 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(10^healthca
re_expenses)^longitude
3916 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-mean_Heart_
rate+mean_High_Density_Lipoprotein_Cholesterol
3917 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(Calcium
)-Hemoglobin_A1c_Hemoglobin_total_in_Blood
3918 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=log(Microalb
umin_Creatinine_Ratio)/log(10)-immunizations_lifetime_cost
3919 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=imaging_stud
ies_lifetime-immunizations_lifetime_cost+1
3920 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(e^procedure
s_lifetime)^DXA__T_score__Bone_density
3921 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(-immunizati
ons_lifetime)^QALY

3922 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Calcium-Microalbumin_Creatinine_Ratio-1
 3923 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-QALY+1/2*active_condition_length
 3924 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Glucose+floor(active_condition_length)
 3925 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=log(DALY)/log(10)-Bilirubin_total__Mass_volume__in_Serum,Plasma
 3926 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(-medications_lifetime_perc_covered)^encounters_count
 3927 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,log(procedures_lifetime)/log(10))
 3928 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Creatinine_procedures_lifetime_cost
 3929 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Globulin__Mass_volume__in_Serum_by_calculation^2-Urea_Nitrogen
 3930 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Globulin__Mass_volume__in_Serum_by_calculation-immunizations_lifetime_cost+1
 3931 Body_Height<=healthcare_expenses
 3932 Body_Height<=ceil(mean_Body_Height)
 3933 Body_Height<=maximum(lifetime_condition_length,mean_Body_Height)
 3934 Body_Height<=immunizations_lifetime+mean_Body_Height
 3935 Body_Height<=Platelets___volume__in_Blood_by_Automated_count+Respiratory_rate
 3936 Body_Height<=maximum(encounters_lifetime_payer_coverage,mean_Body_Height)
 3937 Body_Height<=healthcare_coverage+mean_Body_Height
 3938 Body_Height<=mean_Body_Height^active_care_plans
 3939 Body_Height<=1/healthcare_expenses+mean_Body_Height
 3940 Body_Height<=maximum(medications_lifetime,mean_Body_Height)
 3941 Body_Height<=mean_Body_Height+medications_active
 3942 Body_Height<=mean_Body_Height+procedures_lifetime
 3943 Body_Height<=1/medications_lifetime_cost+mean_Body_Height
 3944 Body_Height<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+mean_Body_Height
 3945 Body_Height<=maximum(Total_Cholesterol,mean_Body_Height)
 3946 Body_Height<=maximum(mean_Body_Height,1/num_allergies)
 3947 Body_Height<=maximum(mean_Body_Height,1/device_lifetime_length)
 3948 Body_Height<=maximum(mean_Body_Height,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 3949 Body_Height<=maximum(mean_Body_Height,1/imaging_studies_lifetime)
 3950 Body_Height<=maximum(mean_Body_Height,10^procedures_lifetime)
 3951 Body_Height<=maximum(mean_Body_Height,10^Creatinine)
 3952 Body_Height>=latitude
 3953 Body_Height>=floor(mean_Body_Height)
 3954 Body_Height>=1/longitude+mean_Body_Height
 3955 Body_Height>=minimum(Low_Density_Lipoprotein_Cholesterol,mean_Body_Height)
 3956 Body_Height>=minimum(mean_Body_Height,2*age)

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3957 Body_Height>=healthcare_expenses^longitude
3958 Body_Height>=-healthcare_coverage+mean_Body_Height
3959 Body_Height>=mean_Body_Height/active_care_plans
3960 Body_Height>=mean_Body_Height/active_conditions
3961 Body_Height>=-encounters_lifetime_payer_coverage+mean_Body_Height
3962 Body_Height>=-healthcare_expenses
3963 Body_Height>=minimum(mean_Body_Height,mean_Microalbumin_Creatinine_Ratio)
3964 Body_Height>=minimum(immunizations_lifetime_cost,mean_Body_Height)
3965 Body_Height>=mean_Body_Height-medications_lifetime_perc_covered
3966 Body_Height>=mean_Body_Height-medications_active
3967 Body_Height>=mean_Body_Height-procedures_lifetime
3968 Body_Height>=mean_Body_Height^QOLS
3969 Body_Height>=minimum(mean_Body_Height,10^num_allergies)
3970 Body_Height>=minimum(mean_Body_Height,mean_Calcium)
3971 Body_Height>=minimum(Systolic_Blood_Pressure,mean_Body_Height)
3972 Body_Height>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported
+mean_Body_Height
3973
Body_Height>=minimum(mean_Body_Height,mean_Estimated_Glomerular_Filtration_Rate)
3974 Body_Height>=maximum(mean_Body_Height,mean_Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma)
3975 Body_Height>=minimum(latitude,10^healthcare_expenses)
3976 Body_Height>=minimum(mean_Body_Height,e^procedures_lifetime)
3977 Body_Height>=minimum(mean_Body_Height,e^Hemoglobin_A1c_Hemoglobin_total_in_
Blood)
3978 Body_Height>=Erythrocytes___volume__in_Blood_by_Automated_count+Glucose+1
3979 Triglycerides<=healthcare_expenses
3980 Triglycerides<=(Globulin__Mass_volume__in_Serum_by_calculation+1)*age
3981 Triglycerides<=maximum(lifetime_condition_length,mean_Triglycerides)
3982 Triglycerides<=Carbon_Dioxide+mean_Triglycerides-1
3983 Triglycerides<=maximum(mean_Triglycerides,encounters_count^2)
3984 Triglycerides<=maximum(Total_Cholesterol,mean_Triglycerides)
3985 Triglycerides<=(Urea_Nitrogen-1)*Carbon_Dioxide
3986 Triglycerides<=10^Creatinine+mean_Triglycerides
3987 Triglycerides<=Potassium*lifetime_conditions^2
3988 Triglycerides<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma+mean_Triglycerides
3989 Triglycerides<=Potassium*sqrt(medications_lifetime_length)
3990 Triglycerides<=(10^Creatinine)^mean_Albumin__Mass_volume__in_Serum,Plasma
3991 Triglycerides<=Microalbumin_Creatinine_Ratio+healthcare_coverage-1
3992 Triglycerides<=(encounters_lifetime_total_cost-1)^mean_Creatinine
3993 Triglycerides<=(medications_lifetime_cost-1)/mean_Triglycerides
3994 Triglycerides<=(encounters_lifetime_total_cost-1)/DALY
3995 Triglycerides<=(medications_lifetime_length-1)/device_lifetime_length
3996 Triglycerides<=Estimated_Glomerular_Filtration_Rate+2*medications_lifetime
3997 Triglycerides<=10^Potassium/mean_Estimated_Glomerular_Filtration_Rate
3998 Triglycerides<=(Heart_rate-1)*lifetime_care_plans
3999 Triglycerides<=Low_Density_Lipoprotein_Cholesterol^2/Aspartate_aminotransfe

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rase__Enzymatic_activity_volume__in_Serum,Plasma
4000 Triglycerides<=2*Urea_Nitrogen*mean_Calcium
4001 Triglycerides<=10^QOLS*Protein__Mass_volume__in_Serum,Plasma
4002 Triglycerides<=maximum(lifetime_condition_length,2*Heart_rate)
4003 Triglycerides<=Body_Mass_Index+Total_Cholesterol
4004 Triglycerides<=2*QALY*active_care_plans
4005 Triglycerides<=(Microalbumin_Creatinine_Ratio-1)*latitude
4006 Triglycerides<=10^medications_lifetime_perc_covered*Body_Height
4007 Triglycerides<=maximum(mean_Triglycerides,1/num_allergies)
4008
Triglycerides<=Protein__Mass_volume__in_Serum,Plasma+2*lifetime_care_plan_length
4009 Triglycerides<=1/2*lifetime_care_plan_length+mean_Triglycerides
4010
Triglycerides<=Low_Density_Lipoprotein_Cholesterol+2*lifetime_care_plan_length
4011 Triglycerides<=(e^Creatinine)^mean_Urea_Nitrogen
4012 Triglycerides<=DALY^2+mean_Triglycerides
4013 Triglycerides<=maximum(mean_Triglycerides,2*Glucose)
4014 Triglycerides<=1/device_lifetime_length+mean_Microalbumin_Creatinine_Ratio
4015
Triglycerides<=sqrt(encounters_count)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
4016 Triglycerides<=mean_Triglycerides+1/2*medications_lifetime
4017 Triglycerides<=10^medications_active*lifetime_care_plan_length
4018 Triglycerides<=Body_Height+ceil(Microalbumin_Creatinine_Ratio)
4019 Triglycerides<=Glucose*floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4020 Triglycerides<=2*Heart_rate+mean_Microalbumin_Creatinine_Ratio
4021 Triglycerides<=2*Diastolic_Blood_Pressure+Microalbumin_Creatinine_Ratio
4022 Triglycerides<=2*Body_Weight+immunizations_lifetime_cost
4023 Triglycerides<=Carbon_Dioxide^2/num_allergies
4024 Triglycerides<=1/2*High_Density_Lipoprotein_Cholesterol+mean_Triglycerides
4025 Triglycerides<=-Body_Height+2*Total_Cholesterol
4026 Triglycerides<=(1/2*Urea_Nitrogen)^Potassium
4027 Triglycerides<=maximum(mean_Triglycerides,Glomerular_filtration_rate_1_73_s
q_M_predicted^2)
4028
Triglycerides<=Carbon_Dioxide*e^Globulin__Mass_volume__in_Serum_by_calculation
4029 Triglycerides<=floor(Aspartate_aminotransferase__Enzymatic_activity_volume__
_in_Serum,Plasma)+mean_Triglycerides
4030 Triglycerides>=latitude
4031 Triglycerides>=(Microalbumin_Creatinine_Ratio+1)/mean_Pain_severity___0_10_
verbal_numeric_rating__Score___Reported
4032 Triglycerides>=1/2*Respiratory_rate*lifetime_conditions
4033 Triglycerides>=10^encounters_lifetime_perc_covered*DALY
4034 Triglycerides>=-immunizations_lifetime_cost+mean_Triglycerides
4035 Triglycerides>=minimum(mean_Triglycerides,e^medications_active)
4036 Triglycerides>=(Pain_severity___0_10_verbal_numeric_rating__Score___Report
ed-1)^Erythrocytes___volume__in_Blood_by_Automated_count
4037 Triglycerides>=healthcare_expenses^longitude
4038 Triglycerides>=Heart_rate+Respiratory_rate

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4039 Triglycerides>=mean_Triglycerides^QOLS
4040 Triglycerides>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,mean_Triglycerides)
4041 Triglycerides>=minimum(mean_Triglycerides,1/2*lifetime_care_plan_length)
4042 Triglycerides>=-Microalbumin_Creatinine_Ratio+mean_Triglycerides
4043 Triglycerides>=minimum(immunizations_lifetime_cost,1/medications_active)
4044 Triglycerides>=1/2*Heart_rate*immunizations_lifetime
4045 Triglycerides>=minimum(mean_Triglycerides,mean_Urea_Nitrogen)
4046 Triglycerides>=(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-1)/encounters_lifetime_perc_covered
4047 Triglycerides>=2*Diastolic_Blood_Pressure-healthcare_coverage
4048 Triglycerides>=log(lifetime_care_plan_length)+mean_Low_Density_Lipoprotein_Cholesterol
4049 Triglycerides>=(immunizations_lifetime-1)*encounters_count
4050 Triglycerides>=sqrt(procedures_lifetime_cost)/lifetime_care_plans
4051 Triglycerides>=DALY*log(medications_lifetime)/log(10)
4052 Triglycerides>=minimum(latitude,10^healthcare_expenses)
4053 Triglycerides>=Estimated_Glomerular_Filtration_Rate*log(Potassium)
4054 Triglycerides>=Bilirubin_total__Mass_volume__in_Serum,Plasma+1/2*immunizations_lifetime_cost
4055 Triglycerides>=(e^medications_lifetime_perc_covered)^medications_active
4056 Triglycerides>=log(Glomerular_filtration_rate_1_73_sq_M_predicted)*procedures_lifetime/log(10)
4057 Triglycerides>=(num_allergies-1)*Body_Mass_Index
4058 Triglycerides>=DALY*ceil(Albumin__Mass_volume__in_Serum,Plasma)
4059 Triglycerides>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Low_Density_Lipoprotein_Cholesterol-1
4060 Triglycerides>=minimum(lifetime_care_plan_length,Low_Density_Lipoprotein_Cholesterol-1)
4061 Triglycerides>=-Chloride+2*Diastolic_Blood_Pressure
4062 Triglycerides>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported+e^Albumin__Mass_volume__in_Serum,Plasma
4063 Triglycerides>=sqrt(Microalbumin_Creatinine_Ratio)+mean_Low_Density_Lipoprotein_Cholesterol
4064 Triglycerides>=Bilirubin_total__Mass_volume__in_Serum,Plasma^2*Systolic_Blood_Pressure
4065 Triglycerides>=-Calcium+Chloride-1
4066 Triglycerides>=(Pain_severity___0_10_verbal_numeric_rating__Score____Reported-1)*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
4067 Triglycerides>=1/2*encounters_count-procedures_lifetime_cost
4068 Triglycerides>=Creatinine*Hemoglobin_A1c_Hemoglobin_total_in_Blood^2
4069 Triglycerides>=2*Glucose-Protein__Mass_volume__in_Serum,Plasma
4070 Triglycerides>=ceil(Chloride)-procedures_lifetime_cost
4071 Triglycerides>=sqrt(encounters_lifetime_payer_coverage)-procedures_lifetime
4072 Low_Density_Lipoprotein_Cholesterol<=healthcare_expenses
4073 Low_Density_Lipoprotein_Cholesterol<=Total_Cholesterol-device_lifetime_length+1
4074 Low_Density_Lipoprotein_Cholesterol<=2*Hemoglobin_A1c_Hemoglobin_total_in_B

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lood*encounters_count
4075 Low_Density_Lipoprotein_Cholesterol<=ceil(Body_Height)
4076 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_C
holesterol,10^DALY)
4077 Low_Density_Lipoprotein_Cholesterol<=(Aspartate_aminotransferase__Enzymatic
_activity_volume__in_Serum,Plasma-1)^Globulin__Mass_volume__in_Serum_by_calculat
ion
4078 Low_Density_Lipoprotein_Cholesterol<=Carbon_Dioxide+mean_Low_Density_Lipopr
otein_Cholesterol
4079 Low_Density_Lipoprotein_Cholesterol<=(Globulin__Mass_volume__in_Serum_by_ca
lculatation+1)*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
4080 Low_Density_Lipoprotein_Cholesterol<=10^encounters_lifetime_perc_covered*me
an_Low_Density_Lipoprotein_Cholesterol
4081 Low_Density_Lipoprotein_Cholesterol<=maximum(Sodium,Urea_Nitrogen^2)
4082 Low_Density_Lipoprotein_Cholesterol<=QALY*log(lifetime_care_plan_length)
4083 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_C
holesterol,Glomerular_filtration_rate_1_73_sq_M_predicted^2)
4084 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_C
holesterol,e^active_conditions)
4085 Low_Density_Lipoprotein_Cholesterol<=(Calcium+1)^Globulin__Mass_volume__in_
Serum_by_calculation
4086 Low_Density_Lipoprotein_Cholesterol<=1/2*active_condition_length+mean_Low_D
ensity_Lipoprotein_Cholesterol
4087
Low_Density_Lipoprotein_Cholesterol<=Calcium^2/encounters_lifetime_perc_covered
4088 Low_Density_Lipoprotein_Cholesterol<=2*Heart_rate+Urea_Nitrogen
4089 Low_Density_Lipoprotein_Cholesterol<=-mean_Chloride+medications_lifetime_di
spenses
4090
Low_Density_Lipoprotein_Cholesterol<=Heart_rate+mean_Diastolic_Blood_Pressure-1
4091 Low_Density_Lipoprotein_Cholesterol<=Alkaline_phosphatase__Enzymatic_activi
ty_volume__in_Serum,Plasma+Heart_rate-1
4092 Low_Density_Lipoprotein_Cholesterol<=(Globulin__Mass_volume__in_Serum_by_ca
lculatation-1)*mean_Systolic_Blood_Pressure
4093 Low_Density_Lipoprotein_Cholesterol<=(DALY-1)*Estimated_Glomerular_Filtrati
on_Rate
4094 Low_Density_Lipoprotein_Cholesterol<=Body_Height*log(active_care_plans)
4095 Low_Density_Lipoprotein_Cholesterol<=2*Alanine_aminotransferase__Enzymatic_
activity_volume__in_Serum,Plasma/medications_lifetime_perc_covered
4096 Low_Density_Lipoprotein_Cholesterol<=1/2*healthcare_expenses/lifetime_condi
tion_length
4097 Low_Density_Lipoprotein_Cholesterol<=-Body_Mass_Index+Total_Cholesterol-1
4098 Low_Density_Lipoprotein_Cholesterol<=2*Diastolic_Blood_Pressure+active_cond
itions
4099 Low_Density_Lipoprotein_Cholesterol<=Hemoglobin_A1c_Hemoglobin_total_in_Blo
od*ceil(lifetime_care_plan_length)
4100 Low_Density_Lipoprotein_Cholesterol<=Potassium^2*Urea_Nitrogen
4101 Low_Density_Lipoprotein_Cholesterol<=Systolic_Blood_Pressure+1/2*lifetime_c

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are_plan_length
4102 Low_Density_Lipoprotein_Cholesterol<=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*Diastolic_Blood_Pressure
4103 Low_Density_Lipoprotein_Cholesterol<=mean_Low_Density_Lipoprotein_Cholesterol/medications_lifetime_perc_covered
4104 Low_Density_Lipoprotein_Cholesterol<=-mean_Microalbumin_Creatinine_Ratio+1/2*medications_lifetime_dispenses
4105 Low_Density_Lipoprotein_Cholesterol<=latitude*log(medications_lifetime_length)/log(10)
4106 Low_Density_Lipoprotein_Cholesterol<=10^medications_active*mean_Glucose
4107 Low_Density_Lipoprotein_Cholesterol<=(QOLS+1)*mean_Low_Density_Lipoprotein_Cholesterol
4108 Low_Density_Lipoprotein_Cholesterol<=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*mean_Diastolic_Blood_Pressure
4109 Low_Density_Lipoprotein_Cholesterol<=Heart_rate*log(Calcium)
4110 Low_Density_Lipoprotein_Cholesterol<=2*Body_Height-mean_Systolic_Blood_Pressure
4111 Low_Density_Lipoprotein_Cholesterol<=10^active_care_plans+immunizations_lifetime_cost
4112 Low_Density_Lipoprotein_Cholesterol<=sqrt(active_care_plans)*mean_Glucose
4113 Low_Density_Lipoprotein_Cholesterol<=maximum(lifetime_care_plan_length,2*Heart_rate)
4114 Low_Density_Lipoprotein_Cholesterol<=1/2*lifetime_care_plan_length+mean_Low_Density_Lipoprotein_Cholesterol
4115 Low_Density_Lipoprotein_Cholesterol<=(DALY+1)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
4116 Low_Density_Lipoprotein_Cholesterol<=ceil(High_Density_Lipoprotein_Cholesterol)+mean_Systolic_Blood_Pressure
4117 Low_Density_Lipoprotein_Cholesterol<=Triglycerides*log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4118 Low_Density_Lipoprotein_Cholesterol<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*e^Albumin__Mass_volume__in_Serum,Plasma
4119 Low_Density_Lipoprotein_Cholesterol<=10^Globulin__Mass_volume__in_Serum_by_calculation+Creatinine
4120 Low_Density_Lipoprotein_Cholesterol<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2/active_care_plans
4121 Low_Density_Lipoprotein_Cholesterol<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)*mean_Low_Density_Lipoprotein_Cholesterol
4122 Low_Density_Lipoprotein_Cholesterol>=latitude
4123 Low_Density_Lipoprotein_Cholesterol>=-Glomerular_filtration_rate_1_73_sq_M_predicted+floor(age)
4124 Low_Density_Lipoprotein_Cholesterol>=mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime
4125 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,mean_Potassium)
4126 Low_Density_Lipoprotein_Cholesterol>=mean_Estimated_Glomerular_Filtration_Rate+mean_Potassium
4127 Low_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude

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4128 Low_Density_Lipoprotein_Cholesterol>=2*active_care_plans+mean_Estimated_Glo
 merular_Filtration_Rate
 4129 Low_Density_Lipoprotein_Cholesterol>=minimum(Microalbumin_Creatinine_Ratio,
 Calcium^2)
 4130 Low_Density_Lipoprotein_Cholesterol>=device_lifetime_length*log(active_cond
 itions)
 4131 Low_Density_Lipoprotein_Cholesterol>=Body_Height-Systolic_Blood_Pressure-1
 4132 Low_Density_Lipoprotein_Cholesterol>=1/2*longitude+mean_Low_Density_Lipopro
 tein_Cholesterol
 4133
 Low_Density_Lipoprotein_Cholesterol>=-Carbon_Dioxide+Diastolic_Blood_Pressure-1
 4134 Low_Density_Lipoprotein_Cholesterol>=-Sodium+Total_Cholesterol
 4135 Low_Density_Lipoprotein_Cholesterol>=-encounters_count+mean_Low_Density_Lip
 oprotein_Cholesterol
 4136 Low_Density_Lipoprotein_Cholesterol>=-immunizations_lifetime_cost+mean_Low_
 Density_Lipoprotein_Cholesterol
 4137 Low_Density_Lipoprotein_Cholesterol>=log(num_allergies)+mean_Low_Density_Li
 poprotein_Cholesterol
 4138 Low_Density_Lipoprotein_Cholesterol>=Aspartate_aminotransferase__Enzymatic_
 activity_volume__in_Serum,Plasma^2/medications_lifetime
 4139 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4140 Low_Density_Lipoprotein_Cholesterol>=-Urea_Nitrogen+mean_High_Density_Lipop
 rotein_Cholesterol
 4141 Low_Density_Lipoprotein_Cholesterol>=2*Urea_Nitrogen+mean_Carbon_Dioxide
 4142 Low_Density_Lipoprotein_Cholesterol>=active_condition_length-
 medications_active
 4143 Low_Density_Lipoprotein_Cholesterol>=(DALY-1)^immunizations_lifetime
 4144
 Low_Density_Lipoprotein_Cholesterol>=sqrt(Urea_Nitrogen)*lifetime_conditions
 4145 Low_Density_Lipoprotein_Cholesterol>=1/2*mean_Triglycerides*medications_lif
 etime_perc_covered
 4146 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,10^immunizations_lifetime)
 4147
 Low_Density_Lipoprotein_Cholesterol>=DALY*log(lifetime_care_plan_length)/log(10)
 4148 Low_Density_Lipoprotein_Cholesterol>=1/2*Microalbumin_Creatinine_Ratio-
 lifetime_care_plan_length
 4149 Low_Density_Lipoprotein_Cholesterol>=encounters_count-healthcare_coverage+1
 4150 Low_Density_Lipoprotein_Cholesterol>=sqrt(encounters_lifetime_payer_coverag
 e)-mean_Microalbumin_Creatinine_Ratio
 4151 Low_Density_Lipoprotein_Cholesterol>=(encounters_count+1)^medications_lifet
 ime_perc_covered
 4152 Low_Density_Lipoprotein_Cholesterol>=(1/2*medications_active)^Pain_severity
 ___0_10_verbal_numeric_rating__Score___Reported
 4153 Low_Density_Lipoprotein_Cholesterol>=2*Calcium*num_allergies
 4154 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported)

4155 Low_Density_Lipoprotein_Cholesterol>=Microalbumin_Creatinine_Ratio*medications_lifetime_perc_covered^2
 4156 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol^QOLS
 4157 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol*medications_lifetime_perc_covered
 4158
 Low_Density_Lipoprotein_Cholesterol>=active_conditions*sqrt(procedures_lifetime)
 4159 Low_Density_Lipoprotein_Cholesterol>=Heart_rate-medications_lifetime
 4160 Low_Density_Lipoprotein_Cholesterol>=(log(DALY)/log(10))^Calcium
 4161 Low_Density_Lipoprotein_Cholesterol>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*sqrt(lifetime_care_plans)
 4162 Low_Density_Lipoprotein_Cholesterol>=Microalbumin_Creatinine_Ratio-lifetime_condition_length+1
 4163 Low_Density_Lipoprotein_Cholesterol>=floor(QALY)-mean_Creatinine
 4164 Low_Density_Lipoprotein_Cholesterol>=-Microalbumin_Creatinine_Ratio+mean_Low_Density_Lipoprotein_Cholesterol
 4165 Low_Density_Lipoprotein_Cholesterol>=2*Body_Mass_Index+2
 4166 Low_Density_Lipoprotein_Cholesterol>=Body_Mass_Index^2/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 4167 Low_Density_Lipoprotein_Cholesterol>=1/2*ceil(mean_Systolic_Blood_Pressure)
 4168
 Low_Density_Lipoprotein_Cholesterol>=minimum(latitude,10^healthcare_expenses)
 4169 Low_Density_Lipoprotein_Cholesterol>=(2*High_Density_Lipoprotein_Cholesterol)^medications_lifetime_perc_covered
 4170 High_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 4171 High_Density_Lipoprotein_Cholesterol<=1/num_allergies+mean_High_Density_Lipoprotein_Cholesterol
 4172 High_Density_Lipoprotein_Cholesterol<=(Total_Cholesterol-1)/immunizations_lifetime
 4173 High_Density_Lipoprotein_Cholesterol<=maximum(lifetime_condition_length,mean_High_Density_Lipoprotein_Cholesterol)
 4174 High_Density_Lipoprotein_Cholesterol<=sqrt(Chloride)+Body_Weight
 4175 High_Density_Lipoprotein_Cholesterol<=maximum(Systolic_Blood_Pressure,mean_High_Density_Lipoprotein_Cholesterol)
 4176 High_Density_Lipoprotein_Cholesterol<=2*active_conditions+mean_High_Density_Lipoprotein_Cholesterol
 4177 High_Density_Lipoprotein_Cholesterol<=Body_Mass_Index*log(Estimated_Glomerular_Filtration_Rate)
 4178 High_Density_Lipoprotein_Cholesterol<=mean_High_Density_Lipoprotein_Cholesterol/medications_lifetime_perc_covered
 4179 High_Density_Lipoprotein_Cholesterol<=2*Body_Height/num_allergies
 4180 High_Density_Lipoprotein_Cholesterol<=maximum(Sodium,mean_High_Density_Lipoprotein_Cholesterol)
 4181 High_Density_Lipoprotein_Cholesterol<=healthcare_coverage+mean_High_Density_Lipoprotein_Cholesterol
 4182 High_Density_Lipoprotein_Cholesterol<=10^medications_active*Heart_rate
 4183 High_Density_Lipoprotein_Cholesterol<=1/2*active_care_plan_length+mean_High

_Density_Lipoprotein_Cholesterol
 4184 High_Density_Lipoprotein_Cholesterol<=Potassium+2*QALY
 4185 High_Density_Lipoprotein_Cholesterol<=(QOLS+1)*mean_High_Density_Lipoprotein_Cholesterol
 4186 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein_Cholesterol,10^DALY)
 4187 High_Density_Lipoprotein_Cholesterol<=maximum(mean_Glucose,mean_High_Density_Lipoprotein_Cholesterol)
 4188 High_Density_Lipoprotein_Cholesterol<=1/Bilirubin_total__Mass_volume__in_Serum,Plasma+age
 4189 High_Density_Lipoprotein_Cholesterol<=maximum(Heart_rate,2*Estimated_Glomerular_Filtration_Rate)
 4190 High_Density_Lipoprotein_Cholesterol<=Calcium+Protein__Mass_volume__in_Serum,Plasma+1
 4191 High_Density_Lipoprotein_Cholesterol<=ceil(active_condition_length)/Bilirubin_total__Mass_volume__in_Serum,Plasma
 4192 High_Density_Lipoprotein_Cholesterol<=1/2*Microalbumin_Creatinine_Ratio+mean_High_Density_Lipoprotein_Cholesterol
 4193 High_Density_Lipoprotein_Cholesterol<=minimum(healthcare_expenses,2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
 4194 High_Density_Lipoprotein_Cholesterol<=Urea_Nitrogen+mean_Low_Density_Lipoprotein_Cholesterol
 4195
 High_Density_Lipoprotein_Cholesterol<=Systolic_Blood_Pressure^2/Triglycerides
 4196 High_Density_Lipoprotein_Cholesterol<=Heart_rate+log(Low_Density_Lipoprotein_Cholesterol)
 4197
 High_Density_Lipoprotein_Cholesterol<=Heart_rate+immunizations_lifetime_cost-1
 4198 High_Density_Lipoprotein_Cholesterol<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^lifetime_care_plan_length
 4199
 High_Density_Lipoprotein_Cholesterol<=2*Body_Mass_Index+mean_Body_Mass_Index
 4200 High_Density_Lipoprotein_Cholesterol<=2*Body_Mass_Index+Carbon_Dioxide
 4201 High_Density_Lipoprotein_Cholesterol<=(active_care_plans+1)*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 4202 High_Density_Lipoprotein_Cholesterol<=log(Body_Mass_Index)*mean_High_Density_Lipoprotein_Cholesterol/log(10)
 4203 High_Density_Lipoprotein_Cholesterol<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+ceil(active_care_plan_length)
 4204
 High_Density_Lipoprotein_Cholesterol<=1/2*Estimated_Glomerular_Filtration_Rate-longitude
 4205 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein_Cholesterol,Glomerular_filtration_rate_1_73_sq_M_predicted^2)
 4206 High_Density_Lipoprotein_Cholesterol<=10^Potassium/Heart_rate
 4207 High_Density_Lipoprotein_Cholesterol<=2*Estimated_Glomerular_Filtration_Rate+active_condition_length
 4208 High_Density_Lipoprotein_Cholesterol<=2*active_condition_length/medications

_lifetime_perc_covered
 4209 High_Density_Lipoprotein_Cholesterol<= $\frac{1}{2}$ *Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_High_Density_Lipoprotein_Cholesterol
 4210 High_Density_Lipoprotein_Cholesterol<=log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)^active_conditions
 4211 High_Density_Lipoprotein_Cholesterol<=Protein__Mass_volume__in_Serum,Plasma^2/Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 4212 High_Density_Lipoprotein_Cholesterol<=Calcium^2+Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 4213 High_Density_Lipoprotein_Cholesterol<=2*Estimated_Glomerular_Filtration_Rate+procedures_lifetime_cost
 4214 High_Density_Lipoprotein_Cholesterol>=longitude
 4215 High_Density_Lipoprotein_Cholesterol>=-Chloride+Systolic_Blood_Pressure
 4216 High_Density_Lipoprotein_Cholesterol>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported+floor(DALY)
 4217 High_Density_Lipoprotein_Cholesterol>=minimum(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma,mean_High_Density_Lipoprotein_Cholesterol)
 4218 High_Density_Lipoprotein_Cholesterol>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,mean_High_Density_Lipoprotein_Cholesterol)
 4219 High_Density_Lipoprotein_Cholesterol>=-active_conditions+mean_High_Density_Lipoprotein_Cholesterol
 4220 High_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
 4221 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein_Cholesterol, $\frac{1}{2}$ *Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4222 High_Density_Lipoprotein_Cholesterol>=log(lifetime_condition_length)*mean_Respiratory_rate/log(10)
 4223 High_Density_Lipoprotein_Cholesterol>=-mean_Calcium+mean_High_Density_Lipoprotein_Cholesterol
 4224 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholesterol*sqrt(medications_lifetime_perc_covered)
 4225 High_Density_Lipoprotein_Cholesterol>=($\frac{1}{2}$ *lifetime_care_plan_length)^medications_lifetime_perc_covered
 4226 High_Density_Lipoprotein_Cholesterol>=Creatinine*log(medications_lifetime_dispensations)
 4227 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholesterol^QOLS
 4228 High_Density_Lipoprotein_Cholesterol>=2*Body_Mass_Index-Carbon_Dioxide
 4229 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein_Cholesterol,latitude-1)
 4230 High_Density_Lipoprotein_Cholesterol>=(Diastolic_Blood_Pressure+1)^Bilirubin_total__Mass_volume__in_Serum,Plasma
 4231 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein_Cholesterol,medications_active^2)
 4232 High_Density_Lipoprotein_Cholesterol>=-Calcium+mean_High_Density_Lipoprotein_Cholesterol
 4233 High_Density_Lipoprotein_Cholesterol>=device_lifetime_length*log(active_care_plans)/log(10)

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4234 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein
_Cholesterol,mean_Pain_severity___0_10_verbal_numeric_rating___Reported)
4235 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein
_Cholesterol,mean_Potassium)
4236 High_Density_Lipoprotein_Cholesterol>=(Body_Mass_Index-1)/Creatinine
4237 High_Density_Lipoprotein_Cholesterol>=floor(e^immunizations_lifetime)
4238 High_Density_Lipoprotein_Cholesterol>=log(medications_lifetime_cost)*num_al
lergies
4239
High_Density_Lipoprotein_Cholesterol>=1/2*medications_lifetime/Urea_Nitrogen
4240 High_Density_Lipoprotein_Cholesterol>=log(e^mean_Body_Weight)/log(10)
4241 High_Density_Lipoprotein_Cholesterol>=(10^healthcare_expenses)^longitude
4242 High_Density_Lipoprotein_Cholesterol>=Alanine_aminotransferase__Enzymatic_a
ctivity_volume__in_Serum,Plasma*log(Pain_severity___0_10_verbal_numeric_rating__
Score___Reported)
4243 High_Density_Lipoprotein_Cholesterol>=sqrt(healthcare_expenses)/active_care
_plan_length
4244 High_Density_Lipoprotein_Cholesterol>=sqrt(age)*mean_Creatinine
4245 High_Density_Lipoprotein_Cholesterol>=(lifetime_condition_length+1)/medicat
ions_lifetime
4246
High_Density_Lipoprotein_Cholesterol>=(e^Creatinine)^imaging_studies_lifetime
4247 High_Density_Lipoprotein_Cholesterol>=sqrt(active_care_plan_length)/Bilirub
in_total__Mass_volume__in_Serum,Plasma
4248 High_Density_Lipoprotein_Cholesterol>=(log(active_conditions)/log(10))^Urea
_Nitrogen
4249 High_Density_Lipoprotein_Cholesterol>=-Aspartate_aminotransferase__Enzymati
c_activity_volume__in_Serum,Plasma+active_condition_length-1
4250 High_Density_Lipoprotein_Cholesterol>=active_condition_length^2/mean_Low_De
nsity_Lipoprotein_Cholesterol
4251 High_Density_Lipoprotein_Cholesterol>=Aspartate_aminotransferase__Enzymatic
_activity_volume__in_Serum,Plasma*log(procedures_lifetime)
4252 High_Density_Lipoprotein_Cholesterol>=-Body_Mass_Index+1/2*Systolic_Blood_P
ressure
4253 High_Density_Lipoprotein_Cholesterol>=(2*Alkaline_phosphatase__Enzymatic_ac
tivity_volume__in_Serum,Plasma)^medications_lifetime_perc_covered
4254 High_Density_Lipoprotein_Cholesterol>=Hemoglobin_A1c_Hemoglobin_total_in_Bl
ood/Bilirubin_total__Mass_volume__in_Serum,Plasma
4255 High_Density_Lipoprotein_Cholesterol>=mean_Estimated_Glomerular_Filtration_
Rate/mean_Creatinine
4256 Creatinine<=healthcare_expenses
4257 Creatinine<=-DALY+High_Density_Lipoprotein_Cholesterol
4258 Creatinine<=e^(mean_Creatinine-1)
4259 Creatinine<=mean_Creatinine+procedures_lifetime
4260 Creatinine<=active_conditions*mean_Creatinine
4261 Creatinine<=Sodium/mean_Estimated_Glomerular_Filtration_Rate
4262 Creatinine<=Potassium+immunizations_lifetime_cost
4263

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Creatinine<=-Globulin_Mass_volume__in_Serum_by_calculation+1/2*Respiratory_rate
4264 Creatinine<=active_care_plans*mean_Creatinine
4265 Creatinine<=maximum(mean_Creatinine,1/2*medications_lifetime)
4266 Creatinine<=2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Auto
mated_count/mean_Glucose
4267 Creatinine<=Bilirubin_total__Mass_volume__in_Serum,Plasma^2*Body_Weight
4268 Creatinine<=log(Hemoglobin__Mass_volume__in_Blood)/log(10)+mean_Creatinine
4269 Creatinine<=10^Pain_severity___0_10_verbal_numeric_rating__Score____Reporte
d+active_care_plans
4270 Creatinine<=maximum(active_care_plans,Leukocytes____volume__in_Blood_by_Aut
omated_count)
4271 Creatinine<=(Triglycerides-1)/Estimated_Glomerular_Filtration_Rate
4272 Creatinine<=1/2*Microalbumin_Creatinine_Ratio/immunizations_lifetime
4273 Creatinine<=Calcium-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
4274
Creatinine<=maximum(DALY,Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
4275 Creatinine<=(10^QOLS)^mean_Creatinine
4276 Creatinine<=Urea_Nitrogen-active_care_plans
4277 Creatinine<=maximum(Respiratory_rate,mean_Creatinine)
4278 Creatinine<=10^immunizations_lifetime-
Erythrocytes____volume__in_Blood_by_Automated_count
4279 Creatinine<=(2*Body_Weight)^Bilirubin_total__Mass_volume__in_Serum,Plasma
4280 Creatinine<=maximum(mean_Creatinine,1/imaging_studies_lifetime)
4281 Creatinine<=active_care_plans+immunizations_lifetime_cost+1
4282 Creatinine<=DALY+active_care_plans
4283 Creatinine<=maximum(Estimated_Glomerular_Filtration_Rate,1/2*Prostate_speci
fic_Ag__Mass_volume__in_Serum,Plasma)
4284 Creatinine<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+ceil(Potassium)
4285 Creatinine<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood-QOLS
4286 Creatinine<=mean_Creatinine^Estimated_Glomerular_Filtration_Rate
4287 Creatinine<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,10^Pain_
severity___0_10_verbal_numeric_rating__Score____Reported)
4288 Creatinine<=(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-1)/de
vice_lifetime_length
4289 Creatinine<=active_care_plans^2/num_allergies
4290 Creatinine<=(active_care_plans-1)/imaging_studies_lifetime
4291 Creatinine<=Respiratory_rate-medications_active
4292 Creatinine<=Hemoglobin_A1c_Hemoglobin_total_in_Blood/QOLS
4293 Creatinine<=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Seru
m,Plasma+High_Density_Lipoprotein_Cholesterol
4294 Creatinine<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum
,Plasma-Potassium
4295 Creatinine<=mean_Potassium+procedures_lifetime_cost-1
4296 Creatinine<=-active_condition_length+ceil(age)
4297 Creatinine<=maximum(active_care_plans,1/device_lifetime_length)
4298 Creatinine<=1/imaging_studies_lifetime+procedures_lifetime
4299 Creatinine<=2*Chloride/device_lifetime_length
4300 Creatinine<=Body_Height-Low_Density_Lipoprotein_Cholesterol+1

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4301 Creatinine<=2*QOLS*mean_Microalbumin_Creatinine_Ratio
4302 Creatinine<=mean_Triglycerides/Estimated_Glomerular_Filtration_Rate
4303 Creatinine<=floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)*mean_
Creatinine
4304 Creatinine<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+floor(Aspartate_amino
transferase__Enzymatic_activity_volume__in_Serum,Plasma)
4305 Creatinine<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)/imaging_studies
_lifetime
4306 Creatinine>=longitude
4307 Creatinine>=healthcare_expenses~longitude
4308 Creatinine>=(1/active_care_plans)
4309 Creatinine>=minimum(mean_Creatinine,-Triglycerides)
4310 Creatinine>=minimum(num_allergies,sqrt(Urea_Nitrogen))
4311
Creatinine>=log(Microalbumin_Creatinine_Ratio)/log(10)-imaging_studies_lifetime
4312 Creatinine>=log(Triglycerides)/mean_Urea_Nitrogen
4313 Creatinine>=log(Microalbumin_Creatinine_Ratio)/active_care_plans
4314 Creatinine>=2*Heart_rate/Platelets___volume__in_Blood_by_Automated_count
4315 Creatinine>=floor(QOLS)
4316 Creatinine>=(1/DALY)^mean_Platelet_mean_volume__Entitic_volume__in_Blood_by
_Automated_count
4317 Creatinine>=sqrt(High_Density_Lipoprotein_Cholesterol)-healthcare_coverage
4318 Creatinine>=(1/Globulin__Mass_volume__in_Serum_by_calculation)
4319 Creatinine>=QOLS-immunizations_lifetime
4320 Creatinine>=minimum(mean_Creatinine,-Respiratory_rate)
4321
Creatinine>=minimum(mean_Creatinine,-Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4322 Creatinine>=ceil(DALY)/mean_Estimated_Glomerular_Filtration_Rate
4323 Creatinine>=1/2*Albumin__Mass_volume__in_Serum,Plasma-
immunizations_lifetime_cost
4324 Creatinine>=1/2*DALY-Hemoglobin__Mass_volume__in_Blood
4325 Creatinine>=immunizations_lifetime^2/Calcium
4326 Creatinine>=mean_Creatinine/active_conditions
4327 Creatinine>=mean_Creatinine/Potassium
4328 Creatinine>=-DALY+log(Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)
4329 Creatinine>=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)/lifetime_care
_plans
4330 Creatinine>=(lifetime_care_plans-1)/Urea_Nitrogen
4331 Creatinine>=active_care_plan_length+longitude
4332
Creatinine>=mean_Creatinine/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
4333 Creatinine>=log(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)*mean_Cr
eatinine/log(10)
4334 Creatinine>=MCHC__Mass_volume__by_Automated_count-QALY+1
4335 Creatinine>=-immunizations_lifetime_cost+procedures_lifetime-1
4336 Creatinine>=1/2*Estimated_Glomerular_Filtration_Rate/encounters_count
4337 Creatinine>=imaging_studies_lifetime/active_care_plans

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4338 Creatinine>=floor(log(Leukocytes___volume__in_Blood_by_Automated_count)/log(10))
4339 Creatinine>=floor(device_lifetime_length)/encounters_count
4340 Creatinine>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported*s
qrt(num_allergies)
4341 Creatinine>=floor(log(mean_Microalbumin_Creatinine_Ratio)/log(10))
4342 Creatinine>=1/2*Microalbumin_Creatinine_Ratio/lifetime_care_plan_length
4343 Creatinine>=mean_Creatinine-medications_lifetime
4344 Creatinine>=-QOLS+1
4345 Creatinine>=-active_conditions+medications_active+1
4346
Creatinine>=1/2*medications_lifetime_dispenses/encounters_lifetime_total_cost
4347 Creatinine>=1/2*num_allergies+1/2
4348 Creatinine>=(10^healthcare_expenses)^longitude
4349 Creatinine>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1/2*procedu
res_lifetime
4350 Creatinine>=log(active_care_plans)/log(10)-Pain_severity___0_10_verbal_nume
ric_rating__Score___Reported
4351 Creatinine>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+log(active_care_plan_
length)
4352 Creatinine>=minimum(mean_Creatinine,log(device_lifetime_length)/log(10))
4353 Creatinine>=log(medications_lifetime)/log(10)-medications_active
4354 Creatinine>=1/encounters_lifetime_perc_covered-
Globulin__Mass_volume__in_Serum_by_calculation
4355 Sodium<=healthcare_expenses
4356 Sodium<=Chloride+floor(latitude)
4357 Sodium<=log(latitude)+mean_Sodium
4358 Sodium<=-Calcium+Total_Cholesterol
4359 Sodium<=mean_Sodium+2*procedures_lifetime
4360 Sodium<=mean_Sodium^active_care_plans
4361 Sodium<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+2*Diastolic_Blood_Pr
essure
4362 Sodium<=mean_Sodium+procedures_lifetime_cost
4363 Sodium<=Respiratory_rate^2
4364 Sodium<=maximum(mean_Sodium,encounters_count^2)
4365 Sodium<=e^Leukocytes___volume__in_Blood_by_Automated_count+mean_Chloride
4366 Sodium<=age^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
4367 Sodium<=maximum(medications_lifetime_length,mean_Sodium)
4368 Sodium<=1/2*active_conditions+mean_Sodium
4369 Sodium<=Calcium^2+Glucose
4370 Sodium<=mean_Sodium^active_conditions
4371 Sodium<=(Potassium-1)*age
4372 Sodium<=-Protein__Mass_volume__in_Serum,Plasma+2*Systolic_Blood_Pressure
4373 Sodium<=log(active_condition_length)+mean_Sodium
4374 Sodium<=Protein__Mass_volume__in_Serum,Plasma+ceil(Glucose)
4375 Sodium<=maximum(mean_Sodium,2*lifetime_condition_length)
4376 Sodium<=maximum(Body_Height,mean_Sodium)
4377 Sodium<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+2*Heart_rate

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4378 Sodium<=1/2*Leukocytes___volume__in_Blood_by_Automated_count+mean_Sodium
 4379 Sodium<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Pla
 sma^Globulin__Mass_volume__in_Serum_by_calculation
 4380
 Sodium<=(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+1)*Potassium
 4381 Sodium<=maximum(mean_Sodium,10^medications_lifetime)
 4382 Sodium<=(High_Density_Lipoprotein_Cholesterol^2)^mean_Creatinine
 4383 Sodium<=floor(Erythrocyte_distribution_width__Entitic_volume__by_Automated_
 count)+mean_Chloride
 4384 Sodium<=QALY+mean_Systolic_Blood_Pressure-1
 4385 Sodium<=maximum(mean_Sodium,sqrt(medications_lifetime_cost))
 4386
 Sodium<=Body_Weight+2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 4387 Sodium<=log(QALY)+mean_Sodium
 4388 Sodium<=Low_Density_Lipoprotein_Cholesterol+mean_Heart_rate-1
 4389
 Sodium<=maximum(mean_Sodium,Glomerular_filtration_rate_1_73_sq_M_predicted^2)
 4390 Sodium<=Estimated_Glomerular_Filtration_Rate^2+High_Density_Lipoprotein_Cho
 lesterol
 4391 Sodium<=Diastolic_Blood_Pressure+mean_Heart_rate+1
 4392 Sodium<=floor(mean_Respiratory_rate)^2
 4393 Sodium<=Respiratory_rate^2-Bilirubin_total__Mass_volume__in_Serum,Plasma
 4394 Sodium<=Heart_rate^2/Carbon_Dioxide
 4395 Sodium<=log(Heart_rate)*mean_High_Density_Lipoprotein_Cholesterol
 4396 Sodium<=2*Diastolic_Blood_Pressure-num_allergies
 4397 Sodium<=2*Diastolic_Blood_Pressure-
 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 4398 Sodium<=e^Erythrocytes___volume__in_Blood_by_Automated_count+mean_Diastoli
 c_Blood_Pressure
 4399
 Sodium<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Systolic_Blood_Pressure
 4400 Sodium<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Triglycerides
 4401 Sodium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2*active_care_plan_length
 4402 Sodium<=(log(Glucose)/log(10))^Aspartate_aminotransferase__Enzymatic_activi
 ty_volume__in_Serum,Plasma
 4403 Sodium<=Body_Weight*log(Urea_Nitrogen)
 4404 Sodium<=log(Calcium)*mean_Glucose
 4405 Sodium<=ceil(Globulin__Mass_volume__in_Serum_by_calculation)+mean_Sodium
 4406 Sodium<=log(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,P
 lasma)+mean_Sodium
 4407 Sodium<=Erythrocytes___volume__in_Blood_by_Automated_count+mean_Sodium-1
 4408 Sodium<=10^Microalbumin_Creatinine_Ratio/mean_High_Density_Lipoprotein_Chol
 esterol
 4409 Sodium>=latitude
 4410 Sodium>=-Potassium+mean_Sodium
 4411 Sodium>=Creatinine*mean_Estimated_Glomerular_Filtration_Rate
 4412 Sodium>=-DALY+mean_Sodium
 4413 Sodium>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Sodium


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4414 Sodium>=healthcare_expenses^longitude
4415 Sodium>=minimum(mean_Sodium,1/2*Respiratory_rate)
4416 Sodium>=minimum(mean_Sodium,1/2*Triglycerides)
4417 Sodium>=Urea_Nitrogen*sqrt(procedures_lifetime)
4418 Sodium>=active_care_plan_length*log(medications_active)
4419 Sodium>=Diastolic_Blood_Pressure+ceil(DALY)
4420 Sodium>=mean_Sodium/active_conditions
4421 Sodium>=(MCHC__Mass_volume__by_Automated_count^2)^encounters_lifetime_perc_
covered
4422 Sodium>=2*Estimated_Glomerular_Filtration_Rate-active_condition_length
4423 Sodium>=ceil(active_condition_length)/Creatinine
4424 Sodium>=sqrt(medications_lifetime)+Chloride
4425 Sodium>=ceil(device_lifetime_length)*mean_Pain_severity__0_10_verbal_numer
ic_rating__Score____Reported
4426 Sodium>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plas
ma+Systolic_Blood_Pressure+1
4427
Sodium>=-High_Density_Lipoprotein_Cholesterol+1/2*Microalbumin_Creatinine_Ratio
4428 Sodium>=Calcium*sqrt(Triglycerides)
4429 Sodium>=-active_condition_length+mean_Systolic_Blood_Pressure
4430 Sodium>=mean_Sodium/active_care_plans
4431 Sodium>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,P
lasma,mean_Sodium)
4432 Sodium>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+mean_Sodium
4433 Sodium>=Body_Height-mean_High_Density_Lipoprotein_Cholesterol-1
4434 Sodium>=-mean_Potassium+mean_Sodium
4435 Sodium>=Carbon_Dioxide+floor(Chloride)
4436 Sodium>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+B
ody_Height+1
4437 Sodium>=sqrt(procedures_lifetime_cost)/Prostate_specific_Ag__Mass_volume__i
n_Serum,Plasma
4438 Sodium>=mean_Sodium^QOLS
4439 Sodium>=minimum(latitude,10^healthcare_expenses)
4440
Sodium>=log(healthcare_expenses)/Bilirubin_total__Mass_volume__in_Serum,Plasma
4441 Sodium>=2*Low_Density_Lipoprotein_Cholesterol-mean_Triglycerides
4442 Sodium>=mean_Glucose*sqrt(medications_lifetime_perc_covered)
4443 Sodium>=Body_Weight+ceil(Carbon_Dioxide)
4444 Sodium>=sqrt(High_Density_Lipoprotein_Cholesterol)*Respiratory_rate
4445 Sodium>=sqrt(medications_lifetime_cost)/medications_lifetime
4446 Sodium>=-encounters_lifetime_payer_coverage+mean_Sodium
4447 Sodium>=Low_Density_Lipoprotein_Cholesterol*log(num_allergies)
4448 Sodium>=log(lifetime_care_plans)*mean_Sodium/log(10)
4449 Sodium>=maximum(Low_Density_Lipoprotein_Cholesterol,Prostate_specific_Ag__M
ass_volume__in_Serum,Plasma)
4450 Sodium>=Low_Density_Lipoprotein_Cholesterol*sqrt(medications_lifetime_perc_
covered)
4451 Sodium>=minimum(mean_Sodium,1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)

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4452 Sodium>=log(Glomerular_filtration_rate_1_73_sq_M_predicted)*mean_High_Density_Lipoprotein_Cholesterol/log(10)
 4453 Sodium>=1/2*lifetime_conditions*mean_Urea_Nitrogen
 4454
 Sodium>=(Carbon_Dioxide+1)*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 4455
 Sodium>=Erythrocytes___volume__in_Blood_by_Automated_count*procedures_lifetime
 4456 Sodium>=log(active_condition_length)*mean_High_Density_Lipoprotein_Cholesterol/log(10)
 4457 Sodium>=Diastolic_Blood_Pressure+e^immunizations_lifetime
 4458 Sodium>=minimum(Low_Density_Lipoprotein_Cholesterol,1/2*immunizations_lifetime_cost)
 4459 Sodium>=1/2*medications_lifetime/lifetime_care_plans
 4460 Sodium>=sqrt(medications_lifetime_dispenses)+Glomerular_filtration_rate_1_73_sq_M_predicted
 4461 Sodium>=minimum(lifetime_care_plan_length,1/medications_active)
 4462 Potassium<=healthcare_expenses
 4463 Potassium<=1/2*Creatinine+mean_Potassium
 4464 Potassium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*log(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)/log(10)
 4465 Potassium<=High_Density_Lipoprotein_Cholesterol^(1/log(10))
 4466 Potassium<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)/imaging_studies_lifetime
 4467
 Potassium<=1/imaging_studies_lifetime+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4468 Potassium<=maximum(mean_Potassium,sqrt(encounters_count))
 4469 Potassium<=Microalbumin_Creatinine_Ratio*mean_Creatinine
 4470 Potassium<=DALY+Erythrocytes___volume__in_Blood_by_Automated_count-1
 4471 Potassium<=Erythrocytes___volume__in_Blood_by_Automated_count/QOLS
 4472 Potassium<=maximum(medications_lifetime,mean_Potassium)
 4473 Potassium<=1/2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+1/2
 4474 Potassium<=Carbon_Dioxide^2/Body_Weight
 4475 Potassium<=sqrt(QOLS)+mean_Potassium
 4476 Potassium<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+active_conditions
 4477 Potassium<=(active_condition_length-1)/mean_Creatinine
 4478 Potassium<=mean_Potassium^active_conditions
 4479 Potassium<=mean_Potassium+medications_active
 4480 Potassium<=sqrt(Low_Density_Lipoprotein_Cholesterol)-Pain_severity___0_10_verbal_numeric_rating_Score___Reported
 4481 Potassium<=maximum(active_conditions,mean_Potassium)
 4482 Potassium<=Erythrocytes___volume__in_Blood_by_Automated_count+2*QOLS
 4483
 Potassium<=1/2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count*QOLS
 4484 Potassium<=maximum(mean_Potassium,1/2*Glomerular_filtration_rate_1_73_sq_M_predicted)
 4485 Potassium<=Calcium-
 Pain_severity___0_10_verbal_numeric_rating_Score___Reported

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4486 Potassium<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count^2/encou
nters_count
4487 Potassium<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,
Plasma-medications_active-1
4488 Potassium<=2*QOLS+mean_Potassium
4489 Potassium<=ceil(latitude)-mean_Body_Mass_Index
4490 Potassium<=Creatinine+encounters_count
4491 Potassium<=immunizations_lifetime+log(Systolic_Blood_Pressure)
4492 Potassium<=Calcium-immunizations_lifetime-1
4493 Potassium<=maximum(Respiratory_rate,mean_Potassium)
4494 Potassium<=maximum(mean_Potassium,sqrt(medications_lifetime))
4495 Potassium<=ceil(Calcium)-num_allergies
4496 Potassium<=Globulin__Mass_volume__in_Serum_by_calculation^2+Bilirubin_total
__Mass_volume__in_Serum,Plasma
4497 Potassium<=mean_Total_Cholesterol/DALY
4498 Potassium<=Creatinine*sqrt(age)
4499 Potassium<=(Diastolic_Blood_Pressure+1)/Respiratory_rate
4500 Potassium<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1/2*lifetime_
conditions
4501 Potassium<=maximum(Estimated_Glomerular_Filtration_Rate,mean_Leukocytes____
volume__in_Blood_by_Automated_count)
4502 Potassium<=ceil(log(healthcare_expenses)/log(10))
4503 Potassium<=Creatinine+Hemoglobin_A1c_Hemoglobin_total_in_Blood+1
4504 Potassium<=mean_Low_Density_Lipoprotein_Cholesterol/lifetime_conditions
4505 Potassium<=mean_Potassium^active_care_plans
4506 Potassium<=ceil(log(Triglycerides))
4507 Potassium<=Bilirubin_total__Mass_volume__in_Serum,Plasma*sqrt(medications_l
ifetime_length)
4508 Potassium<=Carbon_Dioxide^2/mean_Body_Weight
4509 Potassium<=1/2*Urea_Nitrogen+mean_Creatinine
4510 Potassium<=-active_care_plan_length+floor(Body_Weight)
4511 Potassium<=Chloride-Heart_rate-1
4512 Potassium<=sqrt(Respiratory_rate)/encounters_lifetime_perc_covered
4513 Potassium<=1/2*lifetime_care_plan_length/Creatinine
4514 Potassium<=maximum(mean_Potassium,1/2*encounters_count)
4515 Potassium<=(QALY-1)/active_care_plans
4516 Potassium<=healthcare_coverage+log(Body_Weight)
4517 Potassium<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
+Albumin__Mass_volume__in_Serum,Plasma
4518
Potassium<=log(Albumin__Mass_volume__in_Serum,Plasma)/log(10)+mean_Potassium
4519
Potassium<=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+Urea_Nitrogen+1
4520 Potassium<=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Seru
m,Plasma/Globulin__Mass_volume__in_Serum_by_calculation
4521 Potassium>=longitude
4522
Potassium>=minimum(mean_Potassium,1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)

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4523 Potassium>=minimum(mean_Potassium,-Respiratory_rate)
4524 Potassium>=(immunizations_lifetime-1)*mean_Pain_severity___0_10_verbal_nume
ric_rating__Score____Reported
4525 Potassium>=healthcare_expenses^longitude
4526 Potassium>=num_allergies-1
4527 Potassium>=-QOLS+log(High_Density_Lipoprotein_Cholesterol)
4528 Potassium>=(device_lifetime_length+1)/Respiratory_rate
4529 Potassium>=minimum(mean_Potassium,e^imaging_studies_lifetime)
4530 Potassium>=2*Systolic_Blood_Pressure/Low_Density_Lipoprotein_Cholesterol
4531 Potassium>=sqrt(Respiratory_rate)
4532 Potassium>=mean_Potassium^QOLS
4533 Potassium>=sqrt(Total_Cholesterol)/mean_Potassium
4534 Potassium>=-Carbon_Dioxide+mean_Carbon_Dioxide
4535 Potassium>=sqrt(Systolic_Blood_Pressure)-Urea_Nitrogen
4536 Potassium>=(Creatinine+1)*medications_lifetime_perc_covered
4537 Potassium>=Creatinine*log(active_care_plans)/log(10)
4538 Potassium>=log(Heart_rate)-procedures_lifetime
4539 Potassium>=2*Albumin__Mass_volume__in_Serum,Plasma-active_conditions
4540 Potassium>=log(Hemoglobin__Mass_volume__in_Blood)*mean_Pain_severity___0_10
_verbal_numeric_rating__Score____Reported/log(10)
4541 Potassium>=mean_Creatinine/Creatinine
4542 Potassium>=minimum(mean_Potassium,-Triglycerides)
4543 Potassium>=minimum(Erythrocytes____volume__in_Blood_by_Automated_count,10^e
ncounters_lifetime_perc_covered)
4544 Potassium>=1/2*Leukocytes____volume__in_Blood_by_Automated_count-
Pain_severity___0_10_verbal_numeric_rating__Score____Reported
4545 Potassium>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported+l
og(High_Density_Lipoprotein_Cholesterol)
4546 Potassium>=1/2*Body_Mass_Index-Estimated_Glomerular_Filtration_Rate
4547 Potassium>=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plas
ma/age
4548 Potassium>=Calcium^2/Alanine_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma
4549 Potassium>=Diastolic_Blood_Pressure/Carbon_Dioxide
4550
Potassium>=sqrt(Microalbumin_Creatinine_Ratio)^encounters_lifetime_perc_covered
4551 Potassium>=Diastolic_Blood_Pressure/mean_Carbon_Dioxide
4552 Potassium>=mean_Potassium/active_care_plans
4553 Potassium>=minimum(Creatinine,10^QOLS)
4554
Potassium>=mean_High_Density_Lipoprotein_Cholesterol/active_care_plan_length
4555 Potassium>=Bilirubin_total__Mass_volume__in_Serum,Plasma+floor(Creatinine)
4556 Potassium>=Creatinine-immunizations_lifetime_cost
4557 Potassium>=mean_Potassium/active_conditions
4558 Potassium>=2*High_Density_Lipoprotein_Cholesterol/QALY
4559 Potassium>=minimum(device_lifetime_length,procedures_lifetime-1)
4560 Potassium>=2/DALY
4561 Potassium>=minimum(medications_active,sqrt(Urea_Nitrogen))

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4562 Potassium>=Carbon_Dioxide-mean_Carbon_Dioxide+1
4563
Potassium>=1/medications_active+Globulin__Mass_volume__in_Serum_by_calculation
4564 Potassium>=(Microalbumin_Creatinine_Ratio+1)/age
4565 Potassium>=mean_Diastolic_Blood_Pressure/mean_Carbon_Dioxide
4566 Potassium>=mean_Microalbumin_Creatinine_Ratio/lifetime_care_plan_length
4567 Potassium>=-encounters_lifetime_payer_coverage+mean_Potassium
4568 Potassium>=immunizations_lifetime^2-Bilirubin_total__Mass_volume__in_Serum,
Plasma
4569 Potassium>=sqrt(active_condition_length)/Globulin__Mass_volume__in_Serum_by
_calculation
4570 Potassium>=minimum(Leukocytes___volume__in_Blood_by_Automated_count,1/2*me
dications_active)
4571 Potassium>=(10^healthcare_expenses)^longitude
4572 Potassium>=minimum(mean_Potassium,1/2*lifetime_care_plans)
4573 Potassium>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+active_care_plans+1
4574 Potassium>=minimum(Erythrocytes___volume__in_Blood_by_Automated_count,sqrt
(active_conditions))
4575 Potassium>=minimum(mean_Creatinine,log(active_care_plan_length))
4576 Potassium>=minimum(Creatinine,log(active_condition_length))
4577 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=healthcare_expenses
4578 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Triglycerides,mean_Hemogl
obin_A1c_Hemoglobin_total_in_Blood)
4579 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/2*QOLS+mean_Hemoglobin_A1c_Hemo
globin_total_in_Blood
4580 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=-Creatinine+Glomerular_filtration
_rate_1_73_sq_M_predicted
4581 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=ceil(mean_Hemoglobin_A1c_Hemoglob
in_total_in_Blood)
4582 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(DALY,mean_Hemoglobin_A1c_
Hemoglobin_total_in_Blood)
4583 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=immunizations_lifetime+mean_Hemogl
obin_A1c_Hemoglobin_total_in_Blood
4584 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(active_conditions,mean_He
moglobin_A1c_Hemoglobin_total_in_Blood)
4585 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,mean_Microalbumin_Creatinine_Ratio)
4586 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(medications_lifetime,mean
_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4587 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,sqrt(Microalbumin_Creatinine_Ratio))
4588 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood^active_care_plans
4589 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood^active_conditions
4590 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood+medications_active
4591 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/procedures_lifetime+mean_Hemogl

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obin_A1c_Hemoglobin_total_in_Blood
4592 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,mean_Erythrocytes___volume__in_Blood_by_Automated_count)
4593 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
4594 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/Platelet_mean_volume__Entitic_v
olume__in_Blood_by_Automated_count+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
4595 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/lifetime_care_plans+mean_Hemogl
obin_A1c_Hemoglobin_total_in_Blood
4596 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Bilirubin_total__Mass_volume__in_
Serum,Plasma*active_conditions^2
4597 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=sqrt(Systolic_Blood_Pressure)/num
_allergies
4598 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=-DALY+floor(Alanine_aminotransfer
ase__Enzymatic_activity_volume__in_Serum,Plasma)
4599 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,1/imaging_studies_lifetime)
4600 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,sqrt(Platelet_mean_volume__Entitic_volume__in_Blood_by_Auto
mated_count))
4601 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/medications_active+mean_Hemoglo
bin_A1c_Hemoglobin_total_in_Blood
4602 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/Leukocytes___volume__in_Blood_
by_Automated_count+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
4603 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=longitude
4604 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=2*QOLS+1
4605 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=floor(mean_Hemoglobin_A1c_Hemoglo
bin_total_in_Blood)
4606 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,10^encounters_lifetime_perc_covered)
4607 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*Total_Cholesterol/lifetime_ca
re_plan_length
4608 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=ceil(Prostate_specific_Ag__Mass_v
olume__in_Serum,Plasma)
4609 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_expenses
4610 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-medications_lifetime_perc_covered
4611 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(num_allergies,mean_Hemogl
obin_A1c_Hemoglobin_total_in_Blood)
4612 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=healthcare_expenses^longitude
4613 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Pain_severity___0_10_verbal_numer
ic_rating__Score___Reported*QOLS
4614 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Glomerular_filtration_rat
e_1_73_sq_M_predicted,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4615 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,1/2*lifetime_care_plans)
4616 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=log(encounters_lifetime_perc_cove
red)/log(10)+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood

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4617 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4618 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(device_lifetime_length,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4619 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=ceil(immunizations_lifetime_cost)/mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 4620 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(10^healthcare_expenses)^longitude
 4621 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count/Diastolic_Blood_Pressure
 4622 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood-procedures_lifetime
 4623 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood^QOLS
 4624 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Globulin__Mass_volume__in_Serum_by_calculation-QOLS
 4625 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/medications_lifetime_perc_covered)
 4626 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-encounters_count
 4627 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-Pain_severity__0_10_verbal_numeric_rating__Score____Reported+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4628 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=log(medications_lifetime_perc_covered)/log(10)+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4629 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood/active_care_plans
 4630 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=log(QOLS)/log(10)+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4631 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/QOLS)
 4632 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood,-Triglycerides)
 4633 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood,-Estimated_Glomerular_Filtration_Rate)
 4634 Glucose<=healthcare_expenses
 4635 Glucose<=2*Calcium+mean_Glucose
 4636 Glucose<=(log(active_care_plan_length)/log(10))^Estimated_Glomerular_Filtration_Rate
 4637 Glucose<=Triglycerides-active_conditions
 4638 Glucose<=maximum(Microalbumin_Creatinine_Ratio,Systolic_Blood_Pressure-1)
 4639 Glucose<=1/imaging_studies_lifetime+Chloride
 4640 Glucose<=maximum(mean_Glucose,medications_lifetime^2)
 4641 Glucose<=1/device_lifetime_length+mean_Systolic_Blood_Pressure
 4642 Glucose<=10^Globulin__Mass_volume__in_Serum_by_calculation-QOLS
 4643 Glucose<=e^Erythrocytes____volume__in_Blood_by_Automated_count+procedures_lifetime_cost
 4644 Glucose<=Estimated_Glomerular_Filtration_Rate+mean_Glucose-1

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4645 Glucose<=Carbon_Dioxide*sqrt(QALY)
4646 Glucose<=(log(QALY)/log(10))^Platelet_mean_volume__Entitic_volume__in_Blood
_by_Automated_count
4647 Glucose<=maximum(lifetime_condition_length,Low_Density_Lipoprotein_Cholesterol+1)
4648 Glucose<=mean_Glucose^active_conditions
4649 Glucose<=active_conditions^2+Body_Weight
4650 Glucose<=QALY+ceil(lifetime_condition_length)
4651 Glucose<=maximum(medications_lifetime_length,mean_Glucose)
4652 Glucose<=2*Heart_rate-
mean_Pain_severity__0_10_verbal_numeric_rating__Score____Reported
4653 Glucose<=2*active_conditions+mean_Glucose
4654 Glucose<=mean_Glucose^active_care_plans
4655 Glucose<=floor(QALY)^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
4656 Glucose<=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+
2*Systolic_Blood_Pressure
4657 Glucose<=2*Diastolic_Blood_Pressure+Platelet_mean_volume__Entitic_volume__i
n_Blood_by_Automated_count
4658 Glucose<=DALY*mean_Estimated_Glomerular_Filtration_Rate
4659 Glucose<=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+floor(Sodium)
4660 Glucose<=mean_Glucose/medications_lifetime_perc_covered
4661 Glucose<=10^Albumin__Mass_volume__in_Serum,Plasma/Alanine_aminotransferase_
__Enzymatic_activity_volume__in_Serum,Plasma
4662 Glucose<=Low_Density_Lipoprotein_Cholesterol*log(Aspartate_aminotransferase
__Enzymatic_activity_volume__in_Serum,Plasma)/log(10)
4663 Glucose<=maximum(mean_Glucose,1/imaging_studies_lifetime)
4664
Glucose<=Total_Cholesterol*log(Albumin__Mass_volume__in_Serum,Plasma)/log(10)
4665 Glucose<=active_care_plan_length^2/medications_active
4666 Glucose<=sqrt(Estimated_Glomerular_Filtration_Rate)*active_care_plan_length
4667 Glucose<=maximum(Body_Height,mean_Glucose)
4668 Glucose<=(Leukocytes____volume__in_Blood_by_Automated_count+1)*mean_Carbon_
Dioxide
4669 Glucose<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*ceil(lifetime_care_plan_l
ength)
4670 Glucose<=(Potassium-1)^Erythrocytes____volume__in_Blood_by_Automated_count
4671 Glucose<=1/2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,
Plasma+mean_Glucose
4672 Glucose<=Body_Weight*log(Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma)/log(10)
4673 Glucose<=1/2*Total_Cholesterol/QOLS
4674 Glucose<=maximum(mean_Glucose,encounters_count^2)
4675
Glucose<=(log(High_Density_Lipoprotein_Cholesterol)/log(10))^mean_Urea_Nitrogen
4676 Glucose<=maximum(mean_Glucose,e^medications_lifetime)
4677 Glucose<=2*Sodium-mean_Systolic_Blood_Pressure
4678 Glucose<=mean_Glucose+medications_lifetime+1
4679 Glucose<=10^active_care_plans+immunizations_lifetime_cost

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4680 Glucose<=log(active_care_plan_length)^mean_Potassium
4681 Glucose<=(e^lifetime_care_plan_length)^Bilirubin_total__Mass_volume__in_Serum,Plasma
4682 Glucose<=10^QOLS*mean_Diastolic_Blood_Pressure
4683 Glucose<=(QOLS+1)^mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
4684 Glucose<=log(Erythrocytes____volume__in_Blood_by_Automated_count)^Hemoglobin_Mass_volume__in_Blood
4685 Glucose<=(DALY+1)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
4686 Glucose<=e^Calcium/DALY
4687 Glucose<=(Low_Density_Lipoprotein_Cholesterol-1)/QOLS
4688 Glucose<=2*Estimated_Glomerular_Filtration_Rate+mean_Microalbumin_Creatinine_Ratio
4689 Glucose<=2*Urea_Nitrogen+mean_Glucose
4690 Glucose<=maximum(Triglycerides,10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
4691 Glucose<=1/2*MCH__Entitic_mass__by_Automated_count+mean_Glucose
4692 Glucose>=latitude
4693 Glucose>=minimum(mean_Glucose,-Triglycerides)
4694 Glucose>=Triglycerides^2/medications_lifetime_dispenses
4695 Glucose>=mean_Glucose/active_conditions
4696
Glucose>=Estimated_Glomerular_Filtration_Rate*log(active_conditions)/log(10)
4697 Glucose>=healthcare_expenses^longitude
4698 Glucose>=-Protein__Mass_volume__in_Serum,Plasma+floor(Sodium)
4699 Glucose>=minimum(mean_Glucose,10^imaging_studies_lifetime)
4700 Glucose>=mean_Glucose^QOLS
4701
Glucose>=minimum(mean_Glucose,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4702 Glucose>=High_Density_Lipoprotein_Cholesterol+log(device_lifetime_length)
4703 Glucose>=-encounters_lifetime_payer_coverage+mean_Glucose
4704 Glucose>=Triglycerides-mean_Systolic_Blood_Pressure+1
4705 Glucose>=-active_care_plan_length+e^Albumin__Mass_volume__in_Serum,Plasma
4706 Glucose>=1/Microalbumin_Creatinine_Ratio+age
4707 Glucose>=mean_Microalbumin_Creatinine_Ratio/mean_Creatinine
4708 Glucose>=mean_Glucose/active_care_plans
4709 Glucose>=1/Hemoglobin_A1c_Hemoglobin_total_in_Blood+Protein__Mass_volume__in_Serum,Plasma
4710 Glucose>=-Carbon_Dioxide+mean_Glucose
4711 Glucose>=1/2*Chloride+Hemoglobin__Mass_volume__in_Blood
4712 Glucose>=DALY+ceil(latitude)
4713 Glucose>=1/2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*active_care_plans
4714 Glucose>=(Estimated_Glomerular_Filtration_Rate-1)*num_allergies
4715 Glucose>=(Pain_severity__0_10_verbal_numeric_rating__Score____Reported-1)*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
4716 Glucose>=1/2*Platelets____volume__in_Blood_by_Automated_count*num_allergies
4717 Glucose>=device_lifetime_length*log(Microalbumin_Creatinine_Ratio)/log(10)

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4718 Glucose>=Calcium²-Microalbumin_Creatinine_Ratio
 4719 Glucose>=2*active_condition_length-
 mean_High_Density_Lipoprotein_Cholesterol
 4720 Glucose>=Microalbumin_Creatinine_Ratio-lifetime_condition_length+1
 4721 Glucose>=sqrt(encounters_lifetime_payer_coverage)-MCH_Entitic_mass__by_Aut
 omated_count
 4722 Glucose>=minimum(mean_Heart_rate,1/2*encounters_count)
 4723
 Glucose>=1/2*medications_lifetime_dispenses/Hemoglobin_Mass_volume__in_Blood
 4724 Glucose>=2*immunizations_lifetime_cost/Calcium
 4725 Glucose>=minimum(Protein_Mass_volume__in_Serum,Plasma,mean_Glucose)
 4726 Glucose>=(medications_lifetime+1)/mean_Urea_Nitrogen
 4727 Glucose>=-healthcare_coverage+1/2*lifetime_condition_length
 4728 Glucose>=2*DALY-encounters_lifetime_perc_covered
 4729 Glucose>=medications_active²+Platelet_mean_volume__Entitic_volume__in_Bloo
 d_by_Automated_count
 4730 Glucose>=active_care_plan_length+log(Low_Density_Lipoprotein_Cholesterol)
 4731 Glucose>=Chloride-active_condition_length-1
 4732 Glucose>=minimum(active_condition_length,mean_Glucose)
 4733 Glucose>=-mean_Carbon_Dioxide+mean_Glucose
 4734 Glucose>=minimum(High_Density_Lipoprotein_Cholesterol,sqrt(procedures_lifet
 ime_cost))
 4735 Glucose>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Pla
 sma+Diastolic_Blood_Pressure
 4736 Glucose>=(log(Chloride)/log(10))<sup>Prostate_specific_Ag_Mass_volume__in_Seru
 m,Plasma</sup>
 4737 Glucose>=Urea_Nitrogen*log(Protein_Mass_volume__in_Serum,Plasma)
 4738 Glucose>=active_care_plans+floor(Estimated_Glomerular_Filtration_Rate)
 4739 Glucose>=Estimated_Glomerular_Filtration_Rate²/mean_Estimated_Glomerular_F
 iltration_Rate
 4740 Glucose>=minimum(latitude,10^{healthcare_expenses})
 4741 Glucose>=1/2*Microalbumin_Creatinine_Ratio-lifetime_care_plan_length
 4742 Glucose>=minimum(mean_Glucose,2*device_lifetime_length)
 4743 Glucose>=1/2*Body_Weight+DALY
 4744 Glucose>=minimum(Microalbumin_Creatinine_Ratio,ceil(age))
 4745 Glucose>=minimum(mean_Glucose,lifetime_care_plans²)
 4746 Glucose>=minimum(mean_Microalbumin_Creatinine_Ratio,ceil(age))
 4747 Glucose>=Body_Mass_Index+2*lifetime_conditions
 4748 Glucose>=minimum(encounters_count,10^{immunizations_lifetime})
 4749 Glucose>=-mean_Respiratory_rate+procedures_lifetime+1
 4750 Glucose>=minimum(mean_Diastolic_Blood_Pressure,1/2*encounters_count)
 4751 Chloride<=healthcare_expenses
 4752 Chloride<=Systolic_Blood_Pressure+log(High_Density_Lipoprotein_Cholesterol)
 4753 Chloride<=2*age/medications_lifetime_perc_covered
 4754 Chloride<=mean_Chloride^{active_conditions}
 4755 Chloride<=Body_Height-device_lifetime_length-1
 4756 Chloride<=10<sup>log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_
 Serum,Plasma)</sup>

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4757 Chloride<=log(Sodium)+mean_Chloride
4758 Chloride<=-Carbon_Dioxide+ceil(Sodium)
4759 Chloride<=Systolic_Blood_Pressure+procedures_lifetime_cost
4760 Chloride<=Protein__Mass_volume__in_Serum,Plasma+lifetime_care_plan_length-1
4761 Chloride<=maximum(mean_Chloride,10^medications_lifetime)
4762 Chloride<=sqrt(medications_lifetime)+mean_Chloride
4763 Chloride<=(Systolic_Blood_Pressure^2)^Creatinine
4764 Chloride<=Heart_rate+e^Potassium
4765 Chloride<=2*Heart_rate-active_conditions
4766 Chloride<=Triglycerides+procedures_lifetime_cost
4767 Chloride<=maximum(mean_Chloride,encounters_count^2)
4768 Chloride<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*mean_Glucose
4769 Chloride<=Leukocytes___volume__in_Blood_by_Automated_count*e^Hemoglobin_A1
c_Hemoglobin_total_in_Blood
4770 Chloride<=log(Triglycerides)+mean_Chloride
4771 Chloride<=mean_Chloride^active_care_plans
4772 Chloride<=Estimated_Glomerular_Filtration_Rate^2+DALY
4773 Chloride<=maximum(Body_Height,mean_Chloride)
4774 Chloride<=(Heart_rate+1)*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
4775 Chloride<=Body_Mass_Index+2*Erythrocyte_distribution_width__Entitic_volume_
_by_Automated_count
4776 Chloride<=MCV__Entitic_volume__by_Automated_count+2*Respiratory_rate
4777 Chloride<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_coun
t+Glucose-1
4778 Chloride<=log(active_care_plan_length)^mean_Microalbumin_Creatinine_Ratio
4779 Chloride<=2*Estimated_Glomerular_Filtration_Rate+mean_Low_Density_Lipoprote
in_Cholesterol
4780 Chloride<=Respiratory_rate*mean_Calcium
4781 Chloride<=maximum(medications_lifetime_length,mean_Chloride)
4782 Chloride<=QALY*log(encounters_lifetime_total_cost)/log(10)
4783 Chloride<=2*Low_Density_Lipoprotein_Cholesterol-device_lifetime_length
4784 Chloride<=1/medications_lifetime_perc_covered+mean_Systolic_Blood_Pressure
4785 Chloride<=floor(QALY)+mean_Glucose
4786 Chloride<=Heart_rate+mean_High_Density_Lipoprotein_Cholesterol-1
4787 Chloride<=MCV__Entitic_volume__by_Automated_count^2/active_care_plan_length
4788 Chloride<=Diastolic_Blood_Pressure+MCHC__Mass_volume__by_Automated_count+1
4789 Chloride<=2*Estimated_Glomerular_Filtration_Rate+mean_Microalbumin_Creatini
ne_Ratio
4790 Chloride<=active_condition_length+ceil(Glucose)
4791 Chloride<=Body_Weight*log(active_condition_length)/log(10)
4792 Chloride<=sqrt(Carbon_Dioxide)+mean_Chloride
4793 Chloride<=maximum(mean_Chloride,medications_lifetime^2)
4794 Chloride<=log(medications_lifetime_dispenses)^mean_Hemoglobin_A1c_Hemoglobi
n_total_in_Blood
4795 Chloride<=1/2*Urea_Nitrogen+mean_Chloride
4796 Chloride<=MCH__Entitic_mass__by_Automated_count+MCV__Entitic_volume__by_Aut
omated_count-1
4797 Chloride<=log(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Pla

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sma)+mean_Chloride
4798 Chloride<=-Calcium+2*Heart_rate
4799 Chloride<=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,
Plasma+2*Diastolic_Blood_Pressure
4800 Chloride<=maximum(mean_Chloride,Aspartate_aminotransferase__Enzymatic_activ
ity_volume__in_Serum,Plasma^2)
4801 Chloride<=maximum(mean_Chloride,Glomerular_filtration_rate_1_73_sq_M_predic
ted^2)
4802 Chloride<=2*Protein__Mass_volume__in_Serum,Plasma-lifetime_conditions
4803 Chloride<=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*mean_Glucose
4804
Chloride<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+mean_Chloride+1
4805 Chloride>=latitude
4806 Chloride>=active_conditions+age+1
4807 Chloride>=minimum(mean_Chloride,mean_High_Density_Lipoprotein_Cholesterol)
4808 Chloride>=Heart_rate+Potassium+1
4809 Chloride>=log(Carbon_Dioxide)^immunizations_lifetime
4810 Chloride>=minimum(mean_Chloride,10^imaging_studies_lifetime)
4811 Chloride>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,P
lasma+High_Density_Lipoprotein_Cholesterol-1
4812 Chloride>=Potassium^2+Glomerular_filtration_rate_1_73_sq_M_predicted
4813 Chloride>=Estimated_Glomerular_Filtration_Rate*log(Urea_Nitrogen)/log(10)
4814 Chloride>=healthcare_expenses^longitude
4815 Chloride>=2*Diastolic_Blood_Pressure-Triglycerides
4816 Chloride>=minimum(Diastolic_Blood_Pressure,mean_Chloride)
4817 Chloride>=2*lifetime_care_plan_length/active_care_plans
4818 Chloride>=sqrt(Pain_severity___0_10_verbal_numeric_rating__Score____Reporte
d)*device_lifetime_length
4819 Chloride>=mean_Chloride/active_conditions
4820
Chloride>=minimum(mean_Chloride,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4821 Chloride>=-encounters_lifetime_payer_coverage+mean_Chloride
4822 Chloride>=(Total_Cholesterol+1)/active_care_plans
4823 Chloride>=MCV__Entitic_volume__by_Automated_count+Platelet_mean_volume__Ent
itic_volume__in_Blood_by_Automated_count
4824 Chloride>=-Diastolic_Blood_Pressure+e^Potassium
4825 Chloride>=log(Pain_severity___0_10_verbal_numeric_rating__Score____Reporte
d)*mean_Estimated_Glomerular_Filtration_Rate
4826 Chloride>=-QALY+floor(Glucose)
4827
Chloride>=(Total_Cholesterol+1)/Globulin__Mass_volume__in_Serum_by_calculation
4828 Chloride>=Glucose-immunizations_lifetime_cost-1
4829
Chloride>=1/2*Microalbumin_Creatinine_Ratio*medications_lifetime_perc_covered
4830 Chloride>=(Erythrocytes___volume__in_Blood_by_Automated_count-1)*procedure
s_lifetime
4831 Chloride>=Diastolic_Blood_Pressure+Globulin__Mass_volume__in_Serum_by_calcu
lation-1

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4832 Chloride>=Urea_Nitrogen*active_care_plans
4833 Chloride>=e^Globulin_Mass_volume__in_Serum_by_calculation-longitude
4834 Chloride>=2*Creatinine^2
4835 Chloride>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(lifetime_condition_length)/log(10)
4836 Chloride>=mean_Chloride/active_care_plans
4837 Chloride>=2*lifetime_conditions+mean_High_Density_Lipoprotein_Cholesterol
4838 Chloride>=minimum(lifetime_care_plan_length,Calcium^2)
4839 Chloride>=Body_Weight-procedures_lifetime_cost+1
4840 Chloride>=mean_Chloride^QOLS
4841 Chloride>=Urea_Nitrogen*log(Triglycerides)
4842 Chloride>=minimum(mean_Chloride,mean_Diastolic_Blood_Pressure)
4843
Chloride>=Leukocytes___volume__in_Blood_by_Automated_count^2-active_care_plans
4844 Chloride>=ceil(DALY)+mean_High_Density_Lipoprotein_Cholesterol
4845 Chloride>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+mean_Chloride
4846 Chloride>=MCH__Entitic_mass__by_Automated_count+QALY
4847
Chloride>=ceil(Microalbumin_Creatinine_Ratio)-mean_Microalbumin_Creatinine_Ratio
4848 Chloride>=High_Density_Lipoprotein_Cholesterol+mean_Carbon_Dioxide
4849 Chloride>=floor(immunizations_lifetime_cost)^mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
4850 Chloride>=minimum(mean_Chloride,1/medications_active)
4851 Chloride>=mean_Chloride-mean_Potassium
4852 Chloride>=minimum(latitude,10^healthcare_expenses)
4853 Chloride>=1/2*Microalbumin_Creatinine_Ratio-immunizations_lifetime_cost
4854 Chloride>=sqrt(Body_Weight)+mean_Heart_rate
4855 Chloride>=Urea_Nitrogen*log(healthcare_coverage)/log(10)
4856 Chloride>=1/2*Albumin__Mass_volume__in_Serum,Plasma*latitude
4857 Chloride>=minimum(Glucose,procedures_lifetime^2)
4858 Chloride>=active_condition_length*log(num_allergies)
4859 Chloride>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1/2*encounters_count
4860 Chloride>=Glomerular_filtration_rate_1_73_sq_M_predicted^2/Low_Density_Lipoprotein_Cholesterol
4861 Carbon_Dioxide<=healthcare_expenses
4862 Carbon_Dioxide<=mean_Carbon_Dioxide+procedures_lifetime_cost
4863 Carbon_Dioxide<=e^Calcium/Body_Height
4864 Carbon_Dioxide<=mean_Carbon_Dioxide^active_care_plans
4865
Carbon_Dioxide<=(log(MCH__Entitic_mass__by_Automated_count)/log(10))^Calcium
4866 Carbon_Dioxide<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+2*Calcium
4867 Carbon_Dioxide<=maximum(Heart_rate,mean_Carbon_Dioxide)
4868 Carbon_Dioxide<=maximum(Triglycerides,Body_Mass_Index-1)
4869 Carbon_Dioxide<=1/2*latitude+mean_Microalbumin_Creatinine_Ratio
4870
Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,2*Hemoglobin__Mass_volume__in_Blood)

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4871 Carbon_Dioxide<=1/imaging_studies_lifetime+mean_Carbon_Dioxide
4872 Carbon_Dioxide<=mean_Carbon_Dioxide^active_conditions
4873 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,2*encounters_count)
4874 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,active_conditions^2)
4875 Carbon_Dioxide<=(2*Systolic_Blood_Pressure)^mean_Creatinine
4876 Carbon_Dioxide<=(Heart_rate-1)/imaging_studies_lifetime
4877
Carbon_Dioxide<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*sqrt(Triglycerides)
4878 Carbon_Dioxide<=Creatinine^2+active_condition_length
4879 Carbon_Dioxide<=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_
Serum,Plasma+floor(Protein__Mass_volume__in_Serum,Plasma)
4880 Carbon_Dioxide<=-Leukocytes____volume__in_Blood_by_Automated_count+ceil(act
ive_care_plan_length)
4881 Carbon_Dioxide<=2*Sodium/Calcium
4882 Carbon_Dioxide<=Erythrocyte_distribution_width__Entitic_volume__by_Automate
d_count*log(Erythrocytes____volume__in_Blood_by_Automated_count)/log(10)
4883 Carbon_Dioxide<=maximum(medications_lifetime_dispenses,mean_Carbon_Dioxide)
4884 Carbon_Dioxide<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma+log(Diastolic_Blood_Pressure)
4885
Carbon_Dioxide<=log(Microalbumin_Creatinine_Ratio)/log(10)+mean_Carbon_Dioxide
4886 Carbon_Dioxide<=e^Aspartate_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma/lifetime_care_plan_length
4887 Carbon_Dioxide<=Erythrocyte_distribution_width__Entitic_volume__by_Automate
d_count-Hemoglobin__Mass_volume__in_Blood
4888 Carbon_Dioxide<=mean_Estimated_Glomerular_Filtration_Rate/imaging_studies_l
ifetime
4889 Carbon_Dioxide<=10^healthcare_coverage+mean_Carbon_Dioxide
4890
Carbon_Dioxide<=10^medications_active*mean_Estimated_Glomerular_Filtration_Rate
4891 Carbon_Dioxide<=Erythrocytes____volume__in_Blood_by_Automated_count^2+mean_
Calcium
4892 Carbon_Dioxide<=maximum(Triglycerides,floor(active_care_plan_length))
4893 Carbon_Dioxide<=-age+mean_Triglycerides
4894 Carbon_Dioxide<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Rep
orted+mean_Carbon_Dioxide
4895 Carbon_Dioxide<=Albumin__Mass_volume__in_Serum,Plasma*Hemoglobin_A1c_Hemogl
obin_total_in_Blood^2
4896 Carbon_Dioxide<=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted+mean_Asp
artate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
4897 Carbon_Dioxide<=Body_Height^2/medications_lifetime
4898 Carbon_Dioxide<=log(Globulin__Mass_volume__in_Serum_by_calculation)/log(10)
+active_care_plan_length
4899 Carbon_Dioxide<=-device_lifetime_length+lifetime_care_plan_length+1
4900 Carbon_Dioxide<=active_condition_length*log(Hemoglobin_A1c_Hemoglobin_total
_in_Blood)
4901
Carbon_Dioxide<=(Sodium-1)/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma

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4902 Carbon_Dioxide<=floor(Alanine_aminotransferase__Enzymatic_activity_volume__
 in_Serum,Plasma)+procedures_lifetime
 4903 Carbon_Dioxide<=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Se
 rum,Plasma)*Potassium
 4904 Carbon_Dioxide<=active_condition_length+log(Prostate_specific_Ag__Mass_volu
 me__in_Serum,Plasma)
 4905 Carbon_Dioxide<=floor(Alkaline_phosphatase__Enzymatic_activity_volume__in_S
 erum,Plasma)/immunizations_lifetime
 4906 Carbon_Dioxide<=maximum(Body_Mass_Index,e^DALY)
 4907 Carbon_Dioxide<=minimum(Protein__Mass_volume__in_Serum,Plasma,2*Platelet_me
 an_volume__Entitic_volume__in_Blood_by_Automated_count)
 4908 Carbon_Dioxide<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Au
 tomated_count-mean_Glucose
 4909 Carbon_Dioxide<=Sodium^2/lifetime_condition_length
 4910 Carbon_Dioxide<=floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)*m
 ean_Carbon_Dioxide
 4911 Carbon_Dioxide<=Systolic_Blood_Pressure-age+1
 4912 Carbon_Dioxide<=log(Aspartate_aminotransferase__Enzymatic_activity_volume__
 in_Serum,Plasma)*mean_Urea_Nitrogen
 4913 Carbon_Dioxide>=longitude
 4914 Carbon_Dioxide>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*sqrt(lifetime_cond
 itions)
 4915 Carbon_Dioxide>=Urea_Nitrogen+active_care_plans-1
 4916 Carbon_Dioxide>=Respiratory_rate+active_care_plans
 4917 Carbon_Dioxide>=minimum(mean_Carbon_Dioxide,mean_Hemoglobin_A1c_Hemoglobin_
 total_in_Blood)
 4918 Carbon_Dioxide>=(Body_Weight-1)^encounters_lifetime_perc_covered
 4919
 Carbon_Dioxide>=ceil(sqrt(Platelets___volume__in_Blood_by_Automated_count))
 4920 Carbon_Dioxide>=Leukocytes___volume__in_Blood_by_Automated_count+Respirato
 ry_rate
 4921 Carbon_Dioxide>=Low_Density_Lipoprotein_Cholesterol-
 mean_Low_Density_Lipoprotein_Cholesterol
 4922 Carbon_Dioxide>=healthcare_expenses^longitude
 4923 Carbon_Dioxide>=-Potassium+mean_Carbon_Dioxide
 4924 Carbon_Dioxide>=(encounters_count+1)/Glomerular_filtration_rate_1_73_sq_M_p
 redicted
 4925 Carbon_Dioxide>=(2*Microalbumin_Creatinine_Ratio)^encounters_lifetime_perc_
 covered
 4926 Carbon_Dioxide>=ceil(age)/Potassium
 4927 Carbon_Dioxide>=sqrt(Aspartate_aminotransferase__Enzymatic_activity_volume_
 __in_Serum,Plasma)*Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 4928 Carbon_Dioxide>=Body_Height-Total_Cholesterol+1
 4929 Carbon_Dioxide>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+mean_Ca
 rbon_Dioxide
 4930 Carbon_Dioxide>=mean_Carbon_Dioxide/active_conditions
 4931 Carbon_Dioxide>=Diastolic_Blood_Pressure/Potassium
 4932 Carbon_Dioxide>=minimum(mean_Carbon_Dioxide,-Triglycerides)

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4933 Carbon_Dioxide>=Bilirubin_total__Mass_volume__in_Serum,Plasma+2*Calcium
4934 Carbon_Dioxide>=1/2*Body_Height/Leukocytes____volume__in_Blood_by_Automated
_count
4935 Carbon_Dioxide>=log(mean_Diastolic_Blood_Pressure)^2
4936
Carbon_Dioxide>=log(num_allergies)+mean_Estimated_Glomerular_Filtration_Rate
4937 Carbon_Dioxide>=minimum(device_lifetime_length,mean_Carbon_Dioxide)
4938 Carbon_Dioxide>=Respiratory_rate+medications_active
4939 Carbon_Dioxide>=-encounters_lifetime_payer_coverage+mean_Carbon_Dioxide
4940 Carbon_Dioxide>=floor(Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)^QOLS
4941 Carbon_Dioxide>=mean_Carbon_Dioxide/active_care_plans
4942
Carbon_Dioxide>=log(Estimated_Glomerular_Filtration_Rate)*medications_active
4943 Carbon_Dioxide>=-Leukocytes____volume__in_Blood_by_Automated_count+procedur
es_lifetime-1
4944 Carbon_Dioxide>=Triglycerides-mean_Triglycerides+1
4945 Carbon_Dioxide>=immunizations_lifetime*log(immunizations_lifetime_cost)
4946 Carbon_Dioxide>=(Body_Weight-1)/Erythrocytes____volume__in_Blood_by_Automat
ed_count
4947 Carbon_Dioxide>=2*age/mean_Microalbumin_Creatinine_Ratio
4948 Carbon_Dioxide>=Creatinine*log(active_care_plan_length)
4949
Carbon_Dioxide>=2*Bilirubin_total__Mass_volume__in_Serum,Plasma*Respiratory_rate
4950 Carbon_Dioxide>=log(lifetime_care_plans)*mean_Carbon_Dioxide/log(10)
4951 Carbon_Dioxide>=Diastolic_Blood_Pressure-
Low_Density_Lipoprotein_Cholesterol-1
4952 Carbon_Dioxide>=2*medications_lifetime_dispenses/Platelet_distribution_widt
h__Entitic_volume__in_Blood_by_Automated_count
4953
Carbon_Dioxide>=(log(High_Density_Lipoprotein_Cholesterol)/log(10))^Potassium
4954 Carbon_Dioxide>=lifetime_care_plans*log(Erythrocyte_distribution_width__Ent
itic_volume__by_Automated_count)
4955 Carbon_Dioxide>=sqrt(Microalbumin_Creatinine_Ratio)+mean_Potassium
4956 Carbon_Dioxide>=log(Alkaline_phosphatase__Enzymatic_activity_volume__in_Ser
um,Plasma)^2
4957 Carbon_Dioxide>=log(Bilirubin_total__Mass_volume__in_Serum,Plasma)^active_c
are_plans
4958 Carbon_Dioxide>=Pain_severity___0_10_verbal_numeric_rating__Score____Report
ed^2/Creatinine
4959 Carbon_Dioxide>=-DALY+2*active_conditions
4960 Carbon_Dioxide>=device_lifetime_length^2/mean_Low_Density_Lipoprotein_Chole
sterol
4961 Carbon_Dioxide>=sqrt(Total_Cholesterol)/mean_Creatinine
4962 Carbon_Dioxide>=(10^healthcare_expenses)^longitude
4963 Carbon_Dioxide>=mean_Carbon_Dioxide^QOLS
4964
Carbon_Dioxide>=ceil(MCV__Entitic_volume__by_Automated_count)/mean_Potassium

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4965 Carbon_Dioxide>=-DALY+2*lifetime_conditions
4966 Carbon_Dioxide>=log(healthcare_coverage)/Creatinine
4967 Carbon_Dioxide>=Respiratory_rate+mean_Creatinine+1
4968 Carbon_Dioxide>=log(procedures_lifetime_cost)+mean_Calcium
4969 Carbon_Dioxide>=-Urea_Nitrogen+floor(Body_Mass_Index)
4970 Total_Cholesterol<=healthcare_expenses
4971 Total_Cholesterol<=2*Triglycerides-medications_active
4972 Total_Cholesterol<=Glucose+2*Heart_rate
4973 Total_Cholesterol<=(1/2*Calcium)^Potassium
4974 Total_Cholesterol<=(Chloride-1)*active_care_plans
4975 Total_Cholesterol<=10^Calcium/healthcare_expenses
4976 Total_Cholesterol<=Carbon_Dioxide+mean_Total_Cholesterol-1
4977 Total_Cholesterol<=Potassium*Urea_Nitrogen^2
4978 Total_Cholesterol<=mean_Carbon_Dioxide+mean_Total_Cholesterol
4979 Total_Cholesterol<=healthcare_coverage+mean_Total_Cholesterol-1
4980 Total_Cholesterol<=maximum(mean_Total_Cholesterol,10^active_conditions)
4981 Total_Cholesterol<=Calcium*ceil(active_condition_length)
4982 Total_Cholesterol<=1/2*QALY+mean_Total_Cholesterol
4983 Total_Cholesterol<=active_care_plan_length*log(medications_lifetime_cost)
4984 Total_Cholesterol<=maximum(medications_lifetime_dispatches,mean_Total_Cholesterol)
4985 Total_Cholesterol<=Sodium+floor(Low_Density_Lipoprotein_Cholesterol)
4986 Total_Cholesterol<=maximum(mean_Total_Cholesterol,Glomerular_filtration_rate_1_73_sq_M_predicted^2)
4987 Total_Cholesterol<=e^Respiratory_rate/medications_lifetime
4988 Total_Cholesterol<=Body_Height+2*QALY
4989 Total_Cholesterol<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*Body_Mass_Index
4990
Total_Cholesterol<=(Chloride-1)*Globulin__Mass_volume__in_Serum_by_calculation
4991 Total_Cholesterol<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_Glucose
4992 Total_Cholesterol<=mean_Low_Density_Lipoprotein_Cholesterol+mean_Systolic_Blood_Pressure
4993 Total_Cholesterol<=maximum(mean_Total_Cholesterol,e^active_conditions)
4994 Total_Cholesterol<=log(Body_Mass_Index)*mean_Heart_rate
4995 Total_Cholesterol<=(active_care_plan_length-1)*mean_Urea_Nitrogen
4996
Total_Cholesterol<=10^Globulin__Mass_volume__in_Serum_by_calculation+Glucose
4997 Total_Cholesterol<=2*DALY*mean_Estimated_Glomerular_Filtration_Rate
4998 Total_Cholesterol<=(log(Glucose)/log(10))^Calcium
4999 Total_Cholesterol<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^2/active_care_plans
5000 Total_Cholesterol<=1/2*High_Density_Lipoprotein_Cholesterol+mean_Total_Cholesterol
5001 Total_Cholesterol<=age^2/active_conditions
5002 Total_Cholesterol<=10^active_care_plans+Low_Density_Lipoprotein_Cholesterol
5003 Total_Cholesterol<=maximum(lifetime_condition_length,2*Chloride)
5004 Total_Cholesterol<=Bilirubin_total__Mass_volume__in_Serum,Plasma*lifetime_c

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are_plan_length^2
5005 Total_Cholesterol<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*lifetime_care
_plan_length
5006 Total_Cholesterol<=Estimated_Glomerular_Filtration_Rate^2+lifetime_care_pla
n_length
5007 Total_Cholesterol<=maximum(mean_Total_Cholesterol,encounters_count^2)
5008
Total_Cholesterol<=2*Diastolic_Blood_Pressure/encounters_lifetime_perc_covered
5009 Total_Cholesterol<=maximum(mean_Total_Cholesterol,10^DALY)
5010 Total_Cholesterol<=e^DALY+mean_Total_Cholesterol
5011 Total_Cholesterol<=log(Respiratory_rate)*mean_Total_Cholesterol/log(10)
5012 Total_Cholesterol<=DALY+2*Systolic_Blood_Pressure
5013 Total_Cholesterol<=Body_Weight*sqrt(Urea_Nitrogen)
5014 Total_Cholesterol<=2*Body_Height-Protein__Mass_volume__in_Serum,Plasma
5015 Total_Cholesterol<=Body_Height^2/mean_Diastolic_Blood_Pressure
5016 Total_Cholesterol<=Low_Density_Lipoprotein_Cholesterol^2/Carbon_Dioxide
5017 Total_Cholesterol<=Carbon_Dioxide*sqrt(Low_Density_Lipoprotein_Cholesterol)
5018 Total_Cholesterol<=-DALY+2*Sodium
5019 Total_Cholesterol<=10^Potassium/DALY
5020 Total_Cholesterol<=10^Globulin__Mass_volume__in_Serum_by_calculation/medica
tions_lifetime_perc_covered
5021 Total_Cholesterol<=(Albumin__Mass_volume__in_Serum,Plasma-1)*Low_Density_Li
poprotein_Cholesterol
5022 Total_Cholesterol>=latitude
5023 Total_Cholesterol>=-immunizations_lifetime_cost+mean_Total_Cholesterol
5024 Total_Cholesterol>=(QOLS+1)*Heart_rate
5025 Total_Cholesterol>=Calcium+Sodium
5026 Total_Cholesterol>=-Body_Mass_Index+Triglycerides
5027 Total_Cholesterol>=minimum(mean_Total_Cholesterol,mean_Urea_Nitrogen)
5028 Total_Cholesterol>=Heart_rate-longitude
5029 Total_Cholesterol>=Diastolic_Blood_Pressure-longitude
5030 Total_Cholesterol>=healthcare_expenses^longitude
5031 Total_Cholesterol>=mean_Heart_rate*sqrt(num_allergies)
5032
Total_Cholesterol>=minimum(immunizations_lifetime_cost,mean_Total_Cholesterol)
5033 Total_Cholesterol>=(age+1)/Creatinine
5034 Total_Cholesterol>=minimum(mean_Total_Cholesterol,2*age)
5035 Total_Cholesterol>=-Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma+2*Glucose
5036 Total_Cholesterol>=floor(1/2*Microalbumin_Creatinine_Ratio)
5037 Total_Cholesterol>=2*Carbon_Dioxide*Globulin__Mass_volume__in_Serum_by_calc
ulation
5038 Total_Cholesterol>=minimum(mean_Total_Cholesterol,e^active_care_plans)
5039 Total_Cholesterol>=2*Estimated_Glomerular_Filtration_Rate+Pain_severity___0
_10_verbal_numeric_rating__Score___Reported
5040 Total_Cholesterol>=mean_Total_Cholesterol-mean_Urea_Nitrogen
5041 Total_Cholesterol>=QOLS^2*lifetime_care_plan_length
5042 Total_Cholesterol>=log(encounters_count)*mean_Estimated_Glomerular_Filtrati

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on_Rate/log(10)
5043 Total_Cholesterol>=(DALY-1)*mean_Potassium
5044 Total_Cholesterol>=Body_Mass_Index*Creatinine
5045 Total_Cholesterol>=minimum(mean_Microalbumin_Creatinine_Ratio,mean_Total_Cholesterol)
5046 Total_Cholesterol>=device_lifetime_length*log(DALY)
5047 Total_Cholesterol>=(encounters_lifetime_payer_coverage+1)/Systolic_Blood_Pressure
5048
Total_Cholesterol>=minimum(mean_Total_Cholesterol,10^device_lifetime_length)
5049 Total_Cholesterol>=Body_Mass_Index+Low_Density_Lipoprotein_Cholesterol+1
5050
Total_Cholesterol>=High_Density_Lipoprotein_Cholesterol*immunizations_lifetime
5051 Total_Cholesterol>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+2*Glucose
5052 Total_Cholesterol>=minimum(latitude,10^healthcare_expenses)
5053
Total_Cholesterol>=Carbon_Dioxide*ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5054 Total_Cholesterol>=Potassium+mean_Systolic_Blood_Pressure+1
5055
Total_Cholesterol>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+2*Body_Weight
5056 Total_Cholesterol>=(Calcium+1)*lifetime_conditions
5057
Total_Cholesterol>=lifetime_conditions^2-Protein__Mass_volume__in_Serum,Plasma
5058
Total_Cholesterol>=floor(Body_Height)-mean_Estimated_Glomerular_Filtration_Rate
5059 Total_Cholesterol>=Body_Weight+floor(active_condition_length)
5060
Total_Cholesterol>=sqrt(encounters_lifetime_total_cost)-procedures_lifetime_cost
5061 Total_Cholesterol>=10^immunizations_lifetime+Glomerular_filtration_rate_1_73_sq_M_predicted
5062 Total_Cholesterol>=-encounters_count+mean_Total_Cholesterol
5063 Total_Cholesterol>=(log(medications_lifetime)/log(10))^mean_Potassium
5064 Total_Cholesterol>=minimum(mean_Total_Cholesterol,1/Pain_severity__0_10_verbal_numeric_rating__Score____Reported)
5065 Total_Cholesterol>=active_care_plan_length*log(procedures_lifetime)
5066 Total_Cholesterol>=(DALY-1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
5067
Total_Cholesterol>=sqrt(Low_Density_Lipoprotein_Cholesterol)*Respiratory_rate
5068 Total_Cholesterol>=Urea_Nitrogen^2-lifetime_condition_length
5069 Total_Cholesterol>=Diastolic_Blood_Pressure^2/mean_High_Density_Lipoprotein_Cholesterol
5070 Total_Cholesterol>=(Erythrocytes____volume__in_Blood_by_Automated_count+1)^mean_Pain_severity__0_10_verbal_numeric_rating__Score____Reported
5071 Total_Cholesterol>=-Albumin__Mass_volume__in_Serum,Plasma+Body_Height-1
5072 Total_Cholesterol>=(Estimated_Glomerular_Filtration_Rate^2)^QOLS
5073 Urea_Nitrogen<=healthcare_expenses
5074

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Urea_Nitrogen<=1/2*Body_Mass_Index/Bilirubin_total_Mass_volume__in_Serum,Plasma
 5075 Urea_Nitrogen<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(Aspartate_amin
 otransferase__Enzymatic_activity_volume__in_Serum,Plasma)
 5076 Urea_Nitrogen<=mean_Urea_Nitrogen+procedures_lifetime_cost
 5077 Urea_Nitrogen<=sqrt(Microalbumin_Creatinine_Ratio)+mean_Urea_Nitrogen
 5078 Urea_Nitrogen<=Body_Mass_Index^2/Erythrocyte_distribution_width__Entitic_vo
 lume__by_Automated_count
 5079 Urea_Nitrogen<=maximum(Heart_rate,mean_Urea_Nitrogen)
 5080 Urea_Nitrogen<=-Body_Mass_Index+age-1
 5081 Urea_Nitrogen<=maximum(mean_Urea_Nitrogen,mean_Glomerular_filtration_rate_1
 _73_sq_M_predicted)
 5082 Urea_Nitrogen<=floor(1/2*High_Density_Lipoprotein_Cholesterol)
 5083 Urea_Nitrogen<=maximum(Triglycerides,mean_Urea_Nitrogen)
 5084 Urea_Nitrogen<=maximum(encounters_count,mean_Urea_Nitrogen)
 5085
 Urea_Nitrogen<=(Creatinine+1)^Leukocytes___volume__in_Blood_by_Automated_count
 5086 Urea_Nitrogen<=4*Globulin_Mass_volume__in_Serum_by_calculation^2
 5087 Urea_Nitrogen<=sqrt(latitude)+Hemoglobin_Mass_volume__in_Blood
 5088 Urea_Nitrogen<=e^procedures_lifetime+mean_Urea_Nitrogen
 5089 Urea_Nitrogen<=1/Respiratory_rate+mean_Estimated_Glomerular_Filtration_Rate
 5090 Urea_Nitrogen<=DALY*log(Microalbumin_Creatinine_Ratio)
 5091 Urea_Nitrogen<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
 rum,Plasma^2/mean_Potassium
 5092 Urea_Nitrogen<=minimum(Protein__Mass_volume__in_Serum,Plasma,Platelet_mean_
 volume__Entitic_volume__in_Blood_by_Automated_count)
 5093 Urea_Nitrogen<=e^Potassium/num_allergies
 5094 Urea_Nitrogen<=(log(Systolic_Blood_Pressure)/log(10))^Leukocytes___volume_
 _in_Blood_by_Automated_count
 5095 Urea_Nitrogen<=log(Triglycerides)*mean_Calcium/log(10)
 5096 Urea_Nitrogen<=mean_Urea_Nitrogen^active_care_plans
 5097 Urea_Nitrogen<=-Creatinine+floor(active_care_plan_length)
 5098 Urea_Nitrogen<=mean_Urea_Nitrogen^active_conditions
 5099 Urea_Nitrogen<=e^(1/2*Microalbumin_Creatinine_Ratio)
 5100 Urea_Nitrogen<=(log(active_condition_length)/log(10))^Calcium
 5101 Urea_Nitrogen<=mean_Aspartate_aminotransferase__Enzymatic_activity_volume__
 in_Serum,Plasma+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 5102 Urea_Nitrogen<=maximum(mean_Urea_Nitrogen,10^DALY)
 5103 Urea_Nitrogen<=1/2*High_Density_Lipoprotein_Cholesterol-
 encounters_lifetime_perc_covered
 5104 Urea_Nitrogen<=Chloride^2/lifetime_condition_length
 5105 Urea_Nitrogen<=log(Systolic_Blood_Pressure)/log(10)+Estimated_Glomerular_Fi
 ltration_Rate
 5106 Urea_Nitrogen<=sqrt(Triglycerides)+active_conditions
 5107 Urea_Nitrogen<=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Ser
 um,Plasma+Heart_rate+1
 5108 Urea_Nitrogen<=1/healthcare_coverage+Estimated_Glomerular_Filtration_Rate
 5109 Urea_Nitrogen<=1/2*Body_Mass_Index/medications_lifetime_perc_covered
 5110 Urea_Nitrogen<=longitude^2/Platelets___volume__in_Blood_by_Automated_count

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5111 Urea_Nitrogen<=-Body_Height+2*Chloride
5112 Urea_Nitrogen<=floor(age)/Pain_severity___0_10_verbal_numeric_rating__Score
____Reported
5113 Urea_Nitrogen<=1/num_allergies+mean_Urea_Nitrogen
5114 Urea_Nitrogen<=2*Microalbumin_Creatinine_Ratio/Creatinine
5115 Urea_Nitrogen<=(1/2*Low_Density_Lipoprotein_Cholesterol)^mean_Creatinine
5116 Urea_Nitrogen<=(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,P
lasma-1)/mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
5117 Urea_Nitrogen<=1/2*Body_Mass_Index+immunizations_lifetime_cost
5118 Urea_Nitrogen<=active_care_plan_length-medications_active-1
5119 Urea_Nitrogen<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/device_lifetime_
length
5120 Urea_Nitrogen<=Carbon_Dioxide-active_care_plans+1
5121 Urea_Nitrogen<=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,P
lasma+2*Heart_rate
5122 Urea_Nitrogen<=maximum(mean_Urea_Nitrogen,encounters_count-1)
5123
Urea_Nitrogen<=(MCV__Entitic_volume__by_Automated_count-1)/medications_active
5124 Urea_Nitrogen>=longitude
5125 Urea_Nitrogen>=Creatinine+active_care_plans
5126 Urea_Nitrogen>=active_care_plans+immunizations_lifetime+1
5127 Urea_Nitrogen>=encounters_lifetime_perc_covered*mean_Urea_Nitrogen
5128 Urea_Nitrogen>=log(Triglycerides)*num_allergies/log(10)
5129 Urea_Nitrogen>=Creatinine^2-active_care_plan_length
5130 Urea_Nitrogen>=QOLS+1/2*active_conditions
5131 Urea_Nitrogen>=1/2*Systolic_Blood_Pressure-
mean_Low_Density_Lipoprotein_Cholesterol
5132 Urea_Nitrogen>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+active_c
onditions
5133 Urea_Nitrogen>=Leukocytes____volume__in_Blood_by_Automated_count+e^QOLS
5134
Urea_Nitrogen>=1/2*medications_lifetime/High_Density_Lipoprotein_Cholesterol
5135 Urea_Nitrogen>=Creatinine^immunizations_lifetime
5136 Urea_Nitrogen>=healthcare_expenses^longitude
5137 Urea_Nitrogen>=ceil(10^medications_lifetime_perc_covered)
5138 Urea_Nitrogen>=2*Triglycerides/Alanine_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma
5139 Urea_Nitrogen>=minimum(mean_Estimated_Glomerular_Filtration_Rate,log(encoun
ters_lifetime_payer_coverage))
5140 Urea_Nitrogen>=2*medications_lifetime/Total_Cholesterol
5141 Urea_Nitrogen>=lifetime_care_plans^2-age
5142 Urea_Nitrogen>=mean_Urea_Nitrogen/active_care_plans
5143
Urea_Nitrogen>=1/2*Bilirubin_total__Mass_volume__in_Serum,Plasma*Body_Mass_Index
5144 Urea_Nitrogen>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*sqrt(immunizations_
lifetime)
5145 Urea_Nitrogen>=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood/Heart_rate
5146 Urea_Nitrogen>=(Estimated_Glomerular_Filtration_Rate+1)^QOLS

```

5147 Urea_Nitrogen>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported^2*medications_lifetime_perc_covered
 5148 Urea_Nitrogen>=log(procedures_lifetime_cost)/(DALY*log(10))
 5149 Urea_Nitrogen>=sqrt(Low_Density_Lipoprotein_Cholesterol)-procedures_lifetime_cost
 5150 Urea_Nitrogen>=ceil(active_condition_length)/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 5151 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,1/2*Respiratory_rate)
 5152 Urea_Nitrogen>=-Glomerular_filtration_rate_1_73_sq_M_predicted+lifetime_conditions
 5153 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,1/2*device_lifetime_length)
 5154 Urea_Nitrogen>=-Heart_rate+ceil(active_condition_length)
 5155 Urea_Nitrogen>=-active_conditions+mean_Urea_Nitrogen
 5156 Urea_Nitrogen>=1/2*Globulin__Mass_volume__in_Serum_by_calculation+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 5157 Urea_Nitrogen>=floor(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 5158 Urea_Nitrogen>=Low_Density_Lipoprotein_Cholesterol-Sodium+1
 5159 Urea_Nitrogen>=(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+1)/medications_lifetime
 5160 Urea_Nitrogen>=Glucose-mean_Sodium+1
 5161 Urea_Nitrogen>=sqrt(encounters_count)-Microalbumin_Creatinine_Ratio
 5162 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,10^QOLS)
 5163 Urea_Nitrogen>=minimum(Hemoglobin__Mass_volume__in_Blood,1/2*procedures_lifetime)
 5164 Urea_Nitrogen>=mean_Urea_Nitrogen/active_conditions
 5165 Urea_Nitrogen>=immunizations_lifetime^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 5166 Urea_Nitrogen>=Albumin__Mass_volume__in_Serum,Plasma*immunizations_lifetime^2
 5167 Urea_Nitrogen>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported+Potassium-1
 5168 Urea_Nitrogen>=minimum(medications_active,mean_Urea_Nitrogen)
 5169 Urea_Nitrogen>=1/2*Body_Height/mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 5170 Urea_Nitrogen>=MCV__Entitic_volume__by_Automated_count-lifetime_care_plan_length-1
 5171 Urea_Nitrogen>=-encounters_lifetime_payer_coverage+mean_Urea_Nitrogen
 5172 Urea_Nitrogen>=sqrt(healthcare_coverage)/active_condition_length
 5173 Urea_Nitrogen>=sqrt(Low_Density_Lipoprotein_Cholesterol)-immunizations_lifetime_cost
 5174 Urea_Nitrogen>=maximum(Total_score__MMSE_,mean_Albumin__Mass_volume__in_Serum,Plasma)
 5175 Urea_Nitrogen>=ceil(High_Density_Lipoprotein_Cholesterol)-mean_Low_Density_Lipoprotein_Cholesterol
 5176 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,sqrt(active_care_plan_length))
 5177 Urea_Nitrogen>=sqrt(Microalbumin_Creatinine_Ratio)/mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported

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5178 Urea_Nitrogen>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma+1/2*QALY
5179 Urea_Nitrogen>=log(Triglycerides)/mean_Creatinine
5180 Urea_Nitrogen>=(10^healthcare_expenses)^longitude
5181
Urea_Nitrogen>=Bilirubin_total__Mass_volume__in_Serum,Plasma*Respiratory_rate
5182 Urea_Nitrogen>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*immunizations_l
ifetime
5183 Urea_Nitrogen>=-Carbon_Dioxide+ceil(MCHC__Entitic_mass__by_Automated_count)
5184 Urea_Nitrogen>=minimum(device_lifetime_length,1/medications_active)
5185 Urea_Nitrogen>=1/2*Creatinine*active_care_plans
5186 Urea_Nitrogen>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma+1/2*High_Density_Lipoprotein_Cholesterol
5187 Urea_Nitrogen>=(MCHC__Mass_volume__by_Automated_count+1)/Hemoglobin_A1c_Hem
oglobin_total_in_Blood
5188 Urea_Nitrogen>=minimum(Microalbumin_Creatinine_Ratio,2*Hemoglobin_A1c_Hemog
lobin_total_in_Blood)
5189 Urea_Nitrogen>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_Creatinine
5190 Urea_Nitrogen>=Calcium-Globulin__Mass_volume__in_Serum_by_calculation+1
5191 Urea_Nitrogen>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma-Body_Mass_Index+1
5192 Calcium<=healthcare_expenses
5193 Calcium<=mean_Calcium+1
5194
Calcium<=log(Respiratory_rate)^mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
5195 Calcium<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+Respiratory_rate-1
5196 Calcium<=Heart_rate*QOLS
5197 Calcium<=mean_Calcium^active_care_plans
5198 Calcium<=1/2*active_condition_length-
mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
5199 Calcium<=maximum(Respiratory_rate,mean_Calcium)
5200 Calcium<=Creatinine+mean_Calcium
5201 Calcium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*log(High_Density_Lipoprot
ein_Cholesterol)
5202 Calcium<=1/2*floor(Carbon_Dioxide)
5203 Calcium<=10^medications_active-
Bilirubin_total__Mass_volume__in_Serum,Plasma
5204 Calcium<=maximum(encounters_count,mean_Calcium)
5205 Calcium<=ceil(Estimated_Glomerular_Filtration_Rate)
5206 Calcium<=Albumin__Mass_volume__in_Serum,Plasma^2-mean_Creatinine
5207 Calcium<=(lifetime_care_plan_length-1)/Creatinine
5208 Calcium<=log(Triglycerides)/log(10)+Aspartate_aminotransferase__Enzymatic_a
ctivity_volume__in_Serum,Plasma
5209 Calcium<=maximum(medications_lifetime,mean_Calcium)
5210 Calcium<=1/immunizations_lifetime+mean_Calcium
5211 Calcium<=-Sodium+Total_Cholesterol
5212 Calcium<=1/medications_lifetime_perc_covered+Microalbumin_Creatinine_Ratio
5213 Calcium<=sqrt(QALY)+Potassium

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5214 Calcium<=-DALY+Erythrocyte_distribution_width__Entitic_volume__by_Automated
 _count+1
 5215 Calcium<=maximum(mean_Calcium,mean_Glomerular_filtration_rate_1_73_sq_M_pre
 dicted)
 5216 Calcium<=(1/medications_lifetime_perc_covered)^Chloride
 5217 Calcium<=2*QALY/active_care_plans
 5218
 Calcium<=QOLS*ceil(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
 5219 Calcium<=maximum(mean_Calcium,mean_Platelet_mean_volume__Entitic_volume__in
 _Blood_by_Automated_count)
 5220 Calcium<=2*Body_Height/mean_Body_Mass_Index
 5221
 Calcium<=sqrt(Heart_rate)+Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 5222 Calcium<=maximum(mean_Calcium,Platelet_mean_volume__Entitic_volume__in_Bloo
 d_by_Automated_count-1)
 5223 Calcium<=10^ceil(DALY)
 5224 Calcium<=2*Low_Density_Lipoprotein_Cholesterol/Respiratory_rate
 5225 Calcium<=10^(10^immunizations_lifetime)
 5226 Calcium<=maximum(mean_Calcium,1/2*encounters_count)
 5227 Calcium<=maximum(mean_Calcium,floor(Aspartate_aminotransferase__Enzymatic_a
 ctivity_volume__in_Serum,Plasma))
 5228 Calcium<=ceil(lifetime_care_plan_length)/lifetime_care_plans
 5229 Calcium<=Albumin__Mass_volume__in_Serum,Plasma*Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood
 5230 Calcium<=2*Body_Weight/active_conditions
 5231 Calcium<=Leukocytes___volume__in_Blood_by_Automated_count*log(Hemoglobin__
 Mass_volume__in_Blood)
 5232 Calcium<=minimum(Triglycerides,Platelet_mean_volume__Entitic_volume__in_Blo
 od_by_Automated_count)
 5233
 Calcium<=Erythrocytes___volume__in_Blood_by_Automated_count*active_care_plans
 5234 Calcium<=latitude^2/Systolic_Blood_Pressure
 5235 Calcium<=10^QOLS+active_conditions
 5236 Calcium<=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 +1/2*latitude
 5237 Calcium<=Potassium*log(Respiratory_rate)
 5238 Calcium<=DALY^2+immunizations_lifetime_cost
 5239 Calcium<=sqrt(Low_Density_Lipoprotein_Cholesterol)+medications_active
 5240 Calcium<=Globulin__Mass_volume__in_Serum_by_calculation+Urea_Nitrogen-1
 5241 Calcium<=maximum(mean_Calcium,1/imaging_studies_lifetime)
 5242 Calcium<=sqrt(Chloride)+num_allergies
 5243 Calcium<=Globulin__Mass_volume__in_Serum_by_calculation+2*Potassium
 5244 Calcium<=(2*Carbon_Dioxide)^mean_Creatinine
 5245 Calcium<=sqrt(Estimated_Glomerular_Filtration_Rate)*mean_Creatinine
 5246 Calcium>=longitude
 5247 Calcium>=minimum(mean_Calcium,-Triglycerides)
 5248 Calcium>=1/2*active_condition_length/Potassium
 5249 Calcium>=floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_


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count)^num_allergies
5250
Calcium>=minimum(mean_Calcium,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5251 Calcium>=log(Low_Density_Lipoprotein_Cholesterol)/log(10)+Creatinine
5252 Calcium>=minimum(medications_active,mean_Calcium)
5253 Calcium>=healthcare_expenses^longitude
5254 Calcium>=log(mean_High_Density_Lipoprotein_Cholesterol^2)
5255
Calcium>=Pain_severity__0_10_verbal_numeric_rating__Score___Reported+Potassium
5256 Calcium>=mean_Calcium-procedures_lifetime
5257 Calcium>=sqrt(encounters_lifetime_total_cost)/Body_Mass_Index
5258 Calcium>=mean_Calcium/active_care_plans
5259 Calcium>=lifetime_care_plans/DALY
5260 Calcium>=minimum(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
d_count,medications_active+1)
5261 Calcium>=(Sodium+1)/active_care_plan_length
5262 Calcium>=mean_Potassium/Creatinine
5263 Calcium>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma-QOLS
5264 Calcium>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+mean_Calcium
5265 Calcium>=minimum(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
d_count,10^device_lifetime_length)
5266 Calcium>=floor(Creatinine)^immunizations_lifetime
5267 Calcium>=Creatinine+log(Erythrocyte_distribution_width__Entitic_volume__by_
Automated_count)
5268 Calcium>=sqrt(QOLS)/Bilirubin_total__Mass_volume__in_Serum,Plasma
5269 Calcium>=Globulin__Mass_volume__in_Serum_by_calculation+Hemoglobin_A1c_Hemo
globin_total_in_Blood
5270 Calcium>=log(device_lifetime_length)*mean_Pain_severity__0_10_verbal_numer
ic_rating__Score___Reported
5271 Calcium>=mean_Calcium^QOLS
5272 Calcium>=sqrt(Diastolic_Blood_Pressure)-medications_active
5273 Calcium>=(Body_Height+1)/Carbon_Dioxide
5274 Calcium>=Potassium+immunizations_lifetime+1
5275 Calcium>=1/2*latitude-mean_Respiratory_rate
5276
Calcium>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+ceil(Creatinine)
5277
Calcium>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
Body_Mass_Index
5278 Calcium>=1/2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Seru
m,Plasma*medications_lifetime_perc_covered
5279 Calcium>=Creatinine+Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
5280 Calcium>=mean_Calcium/active_conditions
5281 Calcium>=age-mean_Low_Density_Lipoprotein_Cholesterol-1
5282 Calcium>=mean_Systolic_Blood_Pressure^(1/log(10))
5283 Calcium>=ceil(medications_lifetime_perc_covered)/encounters_lifetime_perc_c
overed
5284 Calcium>=(10^healthcare_expenses)^longitude

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5285 Calcium>=minimum(lifetime_care_plans,mean_Calcium)
5286 Calcium>=-encounters_lifetime_payer_coverage+mean_Calcium
5287 Calcium>=log(medications_lifetime_length)-medications_active
5288 Calcium>=(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Bilirubin_total__Mass
    _volume__in_Serum,Plasma
5289 Calcium>=(age+1)/Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
    d_count
5290 Calcium>=sqrt(Glucose)-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
5291 Calcium>=log(encounters_count)+mean_Globulin__Mass_volume__in_Serum_by_calc
    ulation
5292 Calcium>=sqrt(age)-immunizations_lifetime
5293 Calcium>=mean_Potassium+num_allergies-1
5294 Calcium>=minimum(mean_Calcium,10^medications_lifetime_perc_covered)
5295 Calcium>=minimum(mean_Calcium,sqrt(QALY))
5296 Calcium>=-lifetime_care_plans+log(procedures_lifetime_cost)
5297 Calcium>=QOLS+1/2*Respiratory_rate
5298 Calcium>=1/2*Triglycerides/Urea_Nitrogen
5299 Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses
5300 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(latitude,mean_Glome
    rular_filtration_rate_1_73_sq_M_predicted)
5301 Glomerular_filtration_rate_1_73_sq_M_predicted<=log(mean_Systolic_Blood_Pre
    ssure)+mean_Glomerular_filtration_rate_1_73_sq_M_predicted
5302 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(Protein__Mass_volum
    e__in_Urine_by_Test_strip,mean_Glomerular_filtration_rate_1_73_sq_M_predicted)
5303 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(Triglycerides,1/2*e
    ncounters_count)
5304 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(mean_Glomerular_fil
    tration_rate_1_73_sq_M_predicted,1/imaging_studies_lifetime)
5305 Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses^healthc
    are_coverage
5306 Glomerular_filtration_rate_1_73_sq_M_predicted>=longitude
5307 Glomerular_filtration_rate_1_73_sq_M_predicted>=floor(mean_Glomerular_filtr
    ation_rate_1_73_sq_M_predicted)
5308
Glomerular_filtration_rate_1_73_sq_M_predicted>=healthcare_expenses^longitude
5309 Glomerular_filtration_rate_1_73_sq_M_predicted>=-Urea_Nitrogen+lifetime_con
    ditions
5310 Glomerular_filtration_rate_1_73_sq_M_predicted>=sqrt(medications_lifetime)/
    medications_active
5311 Glomerular_filtration_rate_1_73_sq_M_predicted>=Potassium*floor(mean_Pain_s
    everity__0_10_verbal_numeric_rating__Score___Reported)
5312 Glomerular_filtration_rate_1_73_sq_M_predicted>=Creatinine*mean_Calcium
5313 Glomerular_filtration_rate_1_73_sq_M_predicted>=-imaging_studies_lifetime+m
    ean_Glomerular_filtration_rate_1_73_sq_M_predicted
5314 Glomerular_filtration_rate_1_73_sq_M_predicted>=-healthcare_expenses
5315 Glomerular_filtration_rate_1_73_sq_M_predicted>=mean_Glomerular_filtration_
    rate_1_73_sq_M_predicted-procedures_lifetime
5316 Glomerular_filtration_rate_1_73_sq_M_predicted>=(10^healthcare_expenses)^lo

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ngitude
5317 Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses
5318 Globulin__Mass_volume__in_Serum_by_calculation<=immunizations_lifetime+mean
_Globulin__Mass_volume__in_Serum_by_calculation
5319 Globulin__Mass_volume__in_Serum_by_calculation<=maximum(procedures_lifetime
,mean_Globulin__Mass_volume__in_Serum_by_calculation)
5320 Globulin__Mass_volume__in_Serum_by_calculation<=maximum(active_care_plans,m
ean_Globulin__Mass_volume__in_Serum_by_calculation)
5321 Globulin__Mass_volume__in_Serum_by_calculation<=maximum(pH_of_Urine_by_Test
_strip,mean_Globulin__Mass_volume__in_Serum_by_calculation)
5322 Globulin__Mass_volume__in_Serum_by_calculation<=DALY+active_care_plans
5323 Globulin__Mass_volume__in_Serum_by_calculation<=Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood+QOLS
5324 Globulin__Mass_volume__in_Serum_by_calculation<=maximum(mean_Globulin__Mass
_volume__in_Serum_by_calculation,mean_Creatinine+1)
5325 Globulin__Mass_volume__in_Serum_by_calculation<=DALY+floor(mean_Creatinine)
5326 Globulin__Mass_volume__in_Serum_by_calculation<=minimum(healthcare_expenses
,sqrt(mean_Estimated_Glomerular_Filtration_Rate))
5327 Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses^healthc
are_coverage
5328 Globulin__Mass_volume__in_Serum_by_calculation<=QALY-
mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
5329 Globulin__Mass_volume__in_Serum_by_calculation<=mean_Globulin__Mass_volume_
_in_Serum_by_calculation+procedures_lifetime
5330 Globulin__Mass_volume__in_Serum_by_calculation>=longitude
5331 Globulin__Mass_volume__in_Serum_by_calculation>=mean_Globulin__Mass_volume_
_in_Serum_by_calculation
5332 Globulin__Mass_volume__in_Serum_by_calculation>=-healthcare_expenses
5333
Globulin__Mass_volume__in_Serum_by_calculation>=healthcare_expenses^longitude
5334
Globulin__Mass_volume__in_Serum_by_calculation>=(encounters_count+1)/mean_Sodium
5335 Globulin__Mass_volume__in_Serum_by_calculation>=-encounters_lifetime_perc_c
overed+1/2*mean_Creatinine
5336 Globulin__Mass_volume__in_Serum_by_calculation>=-DALY+log(active_care_plan_
length)
5337 Globulin__Mass_volume__in_Serum_by_calculation>=(10^healthcare_expenses)^lo
ngitude
5338 Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses
5339 Albumin__Mass_volume__in_Serum,Plasma<=mean_Albumin__Mass_volume__in_Serum,
Plasma
5340
Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
5341 Albumin__Mass_volume__in_Serum,Plasma<=Aspartate_aminotransferase__Enzymati
c_activity_volume__in_Serum,Plasma-active_care_plans
5342 Albumin__Mass_volume__in_Serum,Plasma<=mean_Glomerular_filtration_rate_1_73
_sq_M_predicted^QOLS
5343 Albumin__Mass_volume__in_Serum,Plasma<=e^DALY/Bilirubin_total__Mass_volume_

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_in_Serum,Plasma
5344 Albumin__Mass_volume__in_Serum,Plasma>=longitude
5345 Albumin__Mass_volume__in_Serum,Plasma>=minimum(active_care_plans,mean_Album
in__Mass_volume__in_Serum,Plasma)
5346 Albumin__Mass_volume__in_Serum,Plasma>=minimum(mean_Albumin__Mass_volume__i
n_Serum,Plasma,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
5347 Albumin__Mass_volume__in_Serum,Plasma>=(Pain_severity___0_10_verbal_numeric
_rating__Score____Reported+1)*Bilirubin_total__Mass_volume__in_Serum,Plasma
5348 Albumin__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
5349 Albumin__Mass_volume__in_Serum,Plasma>=-immunizations_lifetime+mean_Albumin
__Mass_volume__in_Serum,Plasma
5350 Albumin__Mass_volume__in_Serum,Plasma>=sqrt(imaging_studies_lifetime)+Globu
lin__Mass_volume__in_Serum_by_calculation
5351 Albumin__Mass_volume__in_Serum,Plasma>=mean_Albumin__Mass_volume__in_Serum,
Plasma-procedures_lifetime
5352 Albumin__Mass_volume__in_Serum,Plasma>=minimum(Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood,mean_Albumin__Mass_volume__in_Serum,Plasma)
5353 Albumin__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
5354 Albumin__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
5355 Albumin__Mass_volume__in_Serum,Plasma>=minimum(lifetime_care_plans,mean_Cre
atinine)
5356 Albumin__Mass_volume__in_Serum,Plasma>=active_care_plans/medications_active
5357 Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses
5358 Protein__Mass_volume__in_Serum,Plasma<=Glomerular_filtration_rate_1_73_sq_M
_predicted+mean_High_Density_Lipoprotein_Cholesterol+1
5359 Protein__Mass_volume__in_Serum,Plasma<=immunizations_lifetime_cost+mean_Pro
tein__Mass_volume__in_Serum,Plasma
5360 Protein__Mass_volume__in_Serum,Plasma<=maximum(age,mean_Protein__Mass_volum
e__in_Serum,Plasma)
5361 Protein__Mass_volume__in_Serum,Plasma<=floor(age)/QOLS
5362
Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
5363 Protein__Mass_volume__in_Serum,Plasma<=maximum(lifetime_care_plan_length,me
an_Protein__Mass_volume__in_Serum,Plasma)
5364 Protein__Mass_volume__in_Serum,Plasma<=Hemoglobin_A1c_Hemoglobin_total_in_B
lood+floor(mean_Protein__Mass_volume__in_Serum,Plasma)
5365 Protein__Mass_volume__in_Serum,Plasma<=maximum(encounters_count,mean_Protei
n__Mass_volume__in_Serum,Plasma)
5366 Protein__Mass_volume__in_Serum,Plasma<=mean_Protein__Mass_volume__in_Serum,
Plasma+procedures_lifetime
5367 Protein__Mass_volume__in_Serum,Plasma<=maximum(procedures_lifetime,mean_Pro
tein__Mass_volume__in_Serum,Plasma)
5368 Protein__Mass_volume__in_Serum,Plasma<=Heart_rate+medications_active
5369 Protein__Mass_volume__in_Serum,Plasma>=latitude
5370 Protein__Mass_volume__in_Serum,Plasma>=minimum(encounters_count,mean_Protei
n__Mass_volume__in_Serum,Plasma)
5371 Protein__Mass_volume__in_Serum,Plasma>=minimum(medications_lifetime,mean_Pr
otein__Mass_volume__in_Serum,Plasma)

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5372 Protein__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
 5373 Protein__Mass_volume__in_Serum,Plasma>=minimum(Triglycerides,mean_Protein__
 Mass_volume__in_Serum,Plasma)
 5374 Protein__Mass_volume__in_Serum,Plasma>=-immunizations_lifetime_cost+mean_Pr
 otein__Mass_volume__in_Serum,Plasma
 5375 Protein__Mass_volume__in_Serum,Plasma>=minimum(QALY,mean_Protein__Mass_volu
 me__in_Serum,Plasma)
 5376 Protein__Mass_volume__in_Serum,Plasma>=mean_Protein__Mass_volume__in_Serum,
 Plasma/medications_active
 5377 Protein__Mass_volume__in_Serum,Plasma>=minimum(active_condition_length,mean
 _Protein__Mass_volume__in_Serum,Plasma)
 5378
 Protein__Mass_volume__in_Serum,Plasma>=minimum(latitude,10^healthcare_expenses)
 5379 Protein__Mass_volume__in_Serum,Plasma>=(mean_Creatinine+1)*mean_Calcium
 5380 Protein__Mass_volume__in_Serum,Plasma>=-mean_Globulin__Mass_volume__in_Seru
 m_by_calculation+mean_Protein__Mass_volume__in_Serum,Plasma-1
 5381 Protein__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 5382
 Protein__Mass_volume__in_Serum,Plasma>=-Carbon_Dioxide+procedures_lifetime+1
 5383 Protein__Mass_volume__in_Serum,Plasma>=Alanine_aminotransferase__Enzymatic_
 activity_volume__in_Serum,Plasma+Creatinine
 5384 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=hea
 lthcare_expenses
 5385 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=imm
 unizations_lifetime_cost+mean_Aspartate_aminotransferase__Enzymatic_activity_vol
 ume__in_Serum,Plasma
 5386 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=max
 imum(Respiratory_rate,mean_Aspartate_aminotransferase__Enzymatic_activity_volume
 __in_Serum,Plasma)
 5387 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=min
 imum(Triglycerides,mean_Aspartate_aminotransferase__Enzymatic_activity_volume__i
 n_Serum,Plasma)
 5388 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mea
 n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+procedu
 res_lifetime
 5389 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=max
 imum(active_care_plan_length,mean_Aspartate_aminotransferase__Enzymatic_activity
 _volume__in_Serum,Plasma)
 5390 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=max
 imum(encounters_count,mean_Aspartate_aminotransferase__Enzymatic_activity_volume
 __in_Serum,Plasma)
 5391 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Chl
 oride-procedures_lifetime-1
 5392 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=max
 imum(medications_lifetime,mean_Aspartate_aminotransferase__Enzymatic_activity_vo
 lume__in_Serum,Plasma)
 5393 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=cei
 l(mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+1)

5394 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=2*lifetime_condition_length/procedures_lifetime
 5395 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^medications_active
 5396 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
 5397 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
 5398 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
 5399 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=2*active_care_plans
 5400 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-immunizations_lifetime_cost+mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 5401 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 5402 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=2*Heart_rate/Glomerular_filtration_rate_1_73_sq_M_predicted
 5403 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-procedures_lifetime
 5404 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=1/2*Respiratory_rate
 5405 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=floor(mean_Ketones__Mass_volume__in_Urine_by_Test_strip)^immunizations_lifetime
 5406 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses
 5407 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 5408 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses
 5409 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=-Creatinine+Protein__Mass_volume__in_Serum,Plasma
 5410 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(latitude,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
 5411 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=2*encounters_lifetime_perc_covered+mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 5412 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
 5413 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(active_care_plan_length,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
 5414 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum

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um(encounters_count,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma)
5415 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=imagi
ng_studies_lifetime+mean_Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma
5416 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_
lifetime
5417 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=sqrt(
healthcare_coverage)-active_care_plan_length
5418 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=10^me
dications_active+mean_Glomerular_filtration_rate_1_73_sq_M_predicted
5419
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
5420 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-immu
nizations_lifetime_cost+mean_Alanine_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma
5421 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=minim
um(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Alanine_aminotransferase_
__Enzymatic_activity_volume__in_Serum,Plasma)
5422 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime_cost
5423 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=minim
um(mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma,mea
n_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
5424 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^h
ealthcare_expenses)^longitude
5425 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-Urea
_Nitrogen+mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Pla
sma
5426 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-heal
thcare_expenses
5427 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=sqrt(
medications_lifetime)+mean_Albumin__Mass_volume__in_Serum,Plasma
5428 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-Glom
erular_filtration_rate_1_73_sq_M_predicted+e^mean_Pain_severity___0_10_verbal_nu
meric_rating__Score___Reported
5429 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=healt
hcare_expenses^longitude
5430 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=minim
um(Body_Mass_Index,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_
Serum,Plasma)
5431 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcar
e_expenses
5432 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=immunizat
ions_lifetime_cost+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Seru
m,Plasma

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5433 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(S
 odium,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 5434 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(m
 ean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,Chloride+1)
 5435 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(P
 rotein__Mass_volume__in_Urine_by_Test_strip,mean_Alkaline_phosphatase__Enzymatic
 _activity_volume__in_Serum,Plasma)
 5436 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=2*Respira
 tory_rate+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 5437 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(B
 ody_Height,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
)
 5438 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Alka
 line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^medications_active
 5439 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcar
 e_expenses^healthcare_coverage
 5440 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Alka
 line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime
 _cost
 5441 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=(1/2*Urea
 _Nitrogen)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 5442 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(1
 ifetime_condition_length,mean_Alkaline_phosphatase__Enzymatic_activity_volume__i
 n_Serum,Plasma)
 5443 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
 5444 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alanine_a
 minotransferase__Enzymatic_activity_volume__in_Serum,Plasma-mean_Urea_Nitrogen
 5445 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alka
 line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-procedures_lifetime
 5446 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(G
 lomerular_filtration_rate_1_73_sq_M_predicted,mean_Alkaline_phosphatase__Enzymat
 ic_activity_volume__in_Serum,Plasma)
 5447 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(m
 ean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,mean_Biliru
 bin_total__Mass_volume__in_Urine_by_Test_strip)
 5448 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcar
 e_expenses^longitude
 5449 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthca
 re_expenses
 5450 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healt
 hcare_expenses)^longitude
 5451 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Hemoglobi
 n_A1c_Hemoglobin_total_in_Blood+1/2*mean_Alkaline_phosphatase__Enzymatic_activit
 y_volume__in_Serum,Plasma
 5452 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-immuniza
 tions_lifetime_cost+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Ser
 um,Plasma
 5453 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=log(medic


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ations_active)*procedures_lifetime
5454 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=floor(QOL
S)*lifetime_care_plan_length
5455 Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses
5456 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_v
olume__in_Serum,Plasma
5457 Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthca
re_coverage
5458
Bilirubin_total__Mass_volume__in_Serum,Plasma<=Urea_Nitrogen/Respiratory_rate
5459 Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Creatinine,1/procedu
res_lifetime)
5460 Bilirubin_total__Mass_volume__in_Serum,Plasma<=ceil(Hemoglobin_A1c_Hemoglob
in_total_in_Blood)/Potassium
5461 Bilirubin_total__Mass_volume__in_Serum,Plasma>=longitude
5462 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(encounters_lifetime_
perc_covered,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
5463 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
5464 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-immunizations_lifetime+mean
_Bilirubin_total__Mass_volume__in_Serum,Plasma
5465
Bilirubin_total__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
5466 Bilirubin_total__Mass_volume__in_Serum,Plasma>=(1/medications_lifetime)
5467 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(medications_lifetime
_perc_covered,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
5468 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-Pain_severity___0_10_verbal
_numeric_rating__Score___Reported+mean_Bilirubin_total__Mass_volume__in_Serum,P
lasma
5469 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(mean_Bilirubin_total
__Mass_volume__in_Serum,Plasma,1/2*Glucose__Mass_volume__in_Urine_by_Test_strip)
5470 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(device_lifetime_leng
th,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
5471 Bilirubin_total__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^lon
gitude
5472 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-device_lifetime_length+1/2*
imaging_studies_lifetime
5473 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(mean_Bilirubin_total
__Mass_volume__in_Serum,Plasma,-pH_of_Urine_by_Test_strip)
5474 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(mean_Bilirubin_total
__Mass_volume__in_Serum,Plasma,log(medications_active)/log(10))
5475 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(mean_Bilirubin_total
__Mass_volume__in_Serum,Plasma,1/Pain_severity___0_10_verbal_numeric_rating__Sco
re___Reported)
5476 Bilirubin_total__Mass_volume__in_Serum,Plasma>=sqrt(mean_Bilirubin_total__M
ass_volume__in_Serum,Plasma)^Respiratory_rate
5477 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma<=healthcare_expenses
5478 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma<=mean_Prostate_specific_
Ag__Mass_volume__in_Serum,Plasma

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5479 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=longitude
5480 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
5481 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
5482 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
5483 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
5484 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=healthcare_expenses
5485 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
5486 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=D
ALY*mean_Urea_Nitrogen^2
5487 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=latitude
5488 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=minimum(mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
5489 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count-procedures_lifetime_cost
5490 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=minimum(lifetime_condition_length,mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)
5491 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=minimum(latitude,10^healthcare_expenses)
5492 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=Erythrocytes___volume__in_Blood_by_Automated_count+2*mean_MCV__Entitic_volume__by_Automated_count
5493 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=-healthcare_expenses
5494 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
5495 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count^num_allergies
5496 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=healthcare_expenses
5497 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=Respiratory_rate
5498 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=maximum(encounters_count,mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
5499 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=maximum(Urea_Nitrogen,mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
5500 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=Leukocyt

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es___volume__in_Blood_by_Automated_count+procedures_lifetime_cost
5501 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=maximum(
Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Platelet_mean_volume__Entiti
c_volume__in_Blood_by_Automated_count)
5502 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=Hemoglob
in_A1c_Hemoglobin_total_in_Blood+encounters_count
5503 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=mean_Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count/num_allergies
5504 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=maximum(
Triglycerides,Urea_Nitrogen)
5505 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=maximum(
medications_lifetime,mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Auto
mated_count)
5506
Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=longitude
5507 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=mean_Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
5508 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=-healthc
are_expenses
5509 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=healthca
re_expenses^longitude
5510 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=minimum(
Urea_Nitrogen,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5511 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=(10^heal
thcare_expenses)^longitude
5512 Platelets___volume__in_Blood_by_Automated_count<=healthcare_expenses
5513 Platelets___volume__in_Blood_by_Automated_count<=maximum(mean_Platelets___
_volume__in_Blood_by_Automated_count,1/medications_lifetime_perc_covered)
5514 Platelets___volume__in_Blood_by_Automated_count<=MCH__Entitic_mass__by_Aut
omated_count*Respiratory_rate
5515 Platelets___volume__in_Blood_by_Automated_count<=maximum(medications_lifet
ime_dispenses,mean_Platelets___volume__in_Blood_by_Automated_count)
5516 Platelets___volume__in_Blood_by_Automated_count<=log(10^mean_Platelets___
volume__in_Blood_by_Automated_count)/log(10)
5517 Platelets___volume__in_Blood_by_Automated_count<=mean_Platelets___volume_
_in_Blood_by_Automated_count/num_allergies
5518 Platelets___volume__in_Blood_by_Automated_count<=maximum(mean_Platelets___
_volume__in_Blood_by_Automated_count,encounters_count^2)
5519 Platelets___volume__in_Blood_by_Automated_count<=mean_Platelets___volume_
_in_Blood_by_Automated_count+procedures_lifetime_cost
5520 Platelets___volume__in_Blood_by_Automated_count>=latitude
5521 Platelets___volume__in_Blood_by_Automated_count>=mean_Platelets___volume_
_in_Blood_by_Automated_count
5522 Platelets___volume__in_Blood_by_Automated_count>=-healthcare_expenses
5523
Platelets___volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
5524 Platelets___volume__in_Blood_by_Automated_count>=maximum(Protein__Mass_vol
ume__in_Urine_by_Test_strip,mean_Body_Mass_Index)

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5525 Platelets___volume__in_Blood_by_Automated_count>=minimum(latitude,10^healthcare_expenses)
 5526 Leukocytes___volume__in_Blood_by_Automated_count<=healthcare_expenses
 5527 Leukocytes___volume__in_Blood_by_Automated_count<=mean_Leukocytes___volume__in_Blood_by_Automated_count
 5528 Leukocytes___volume__in_Blood_by_Automated_count<=Potassium^sqrt(DALY)
 5529 Leukocytes___volume__in_Blood_by_Automated_count>=longitude
 5530 Leukocytes___volume__in_Blood_by_Automated_count>=minimum(mean_Leukocytes___volume__in_Blood_by_Automated_count,mean_Albumin__Mass_volume__in_Serum,Plasma)
 5531 Leukocytes___volume__in_Blood_by_Automated_count>=minimum(DALY,mean_Leukocytes___volume__in_Blood_by_Automated_count)
 5532 Leukocytes___volume__in_Blood_by_Automated_count>=sqrt(mean_Platelets___volume__in_Blood_by_Automated_count)-Hemoglobin__Mass_volume__in_Blood
 5533 Leukocytes___volume__in_Blood_by_Automated_count>=minimum(device_lifetime_length,mean_Leukocytes___volume__in_Blood_by_Automated_count)
 5534 Leukocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
 5535 Leukocytes___volume__in_Blood_by_Automated_count>=Erythrocytes___volume__in_Blood_by_Automated_count-1
 5536 Leukocytes___volume__in_Blood_by_Automated_count>=minimum(active_care_plans,mean_Leukocytes___volume__in_Blood_by_Automated_count)
 5537 Leukocytes___volume__in_Blood_by_Automated_count>=mean_Leukocytes___volume__in_Blood_by_Automated_count^num_allergies
 5538 Leukocytes___volume__in_Blood_by_Automated_count>=active_conditions/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 5539
 Leukocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
 5540 Leukocytes___volume__in_Blood_by_Automated_count>=minimum(procedures_lifetime,mean_Leukocytes___volume__in_Blood_by_Automated_count)
 5541 Leukocytes___volume__in_Blood_by_Automated_count>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-procedures_lifetime_cost
 5542 Leukocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
 5543 Erythrocytes___volume__in_Blood_by_Automated_count<=healthcare_expenses
 5544 Erythrocytes___volume__in_Blood_by_Automated_count<=maximum(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Erythrocytes___volume__in_Blood_by_Automated_count)
 5545 Erythrocytes___volume__in_Blood_by_Automated_count<=mean_Erythrocytes___volume__in_Blood_by_Automated_count/num_allergies
 5546 Erythrocytes___volume__in_Blood_by_Automated_count<=Pain_severity__0_10_verbal_numeric_rating_Score___Reported+mean_Erythrocytes___volume__in_Blood_by_Automated_count
 5547 Erythrocytes___volume__in_Blood_by_Automated_count<=Leukocytes___volume__in_Blood_by_Automated_count+1
 5548 Erythrocytes___volume__in_Blood_by_Automated_count<=DALY+floor(Potassium)
 5549 Erythrocytes___volume__in_Blood_by_Automated_count<=mean_Erythrocytes___volume__in_Blood_by_Automated_count+procedures_lifetime
 5550 Erythrocytes___volume__in_Blood_by_Automated_count<=maximum(medications_li

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fetime,mean_Erythrocytes___volume__in_Blood_by_Automated_count)
5551 Erythrocytes___volume__in_Blood_by_Automated_count>=longitude
5552 Erythrocytes___volume__in_Blood_by_Automated_count>=mean_Erythrocytes___v
olume__in_Blood_by_Automated_count
5553 Erythrocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
5554 Erythrocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses^lo
ngitude
5555 Erythrocytes___volume__in_Blood_by_Automated_count>=-DALY+Potassium+1
5556 Erythrocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expense
s)^longitude
5557 Hemoglobin__Mass_volume__in_Blood<=healthcare_expenses
5558 Hemoglobin__Mass_volume__in_Blood<=maximum(Glomerular_filtration_rate_1_73_
sq_M_predicted,mean_Hemoglobin__Mass_volume__in_Blood)
5559
Hemoglobin__Mass_volume__in_Blood<=ceil(mean_Hemoglobin__Mass_volume__in_Blood)
5560 Hemoglobin__Mass_volume__in_Blood<=mean_Hemoglobin__Mass_volume__in_Blood/n
um_allergies
5561 Hemoglobin__Mass_volume__in_Blood<=1/lifetime_care_plans+mean_Hemoglobin__M
ass_volume__in_Blood
5562 Hemoglobin__Mass_volume__in_Blood<=maximum(encounters_count,mean_Hemoglobin
__Mass_volume__in_Blood)
5563 Hemoglobin__Mass_volume__in_Blood<=mean_Hemoglobin__Mass_volume__in_Blood+p
rocedures_lifetime
5564 Hemoglobin__Mass_volume__in_Blood>=longitude
5565 Hemoglobin__Mass_volume__in_Blood>=mean_Hemoglobin__Mass_volume__in_Blood
5566 Hemoglobin__Mass_volume__in_Blood>=-healthcare_expenses
5567 Hemoglobin__Mass_volume__in_Blood>=healthcare_expenses^longitude
5568 Hemoglobin__Mass_volume__in_Blood>=sqrt(mean_Platelets___volume__in_Blood_
by_Automated_count)-Leukocytes___volume__in_Blood_by_Automated_count
5569 Hemoglobin__Mass_volume__in_Blood>=(10^healthcare_expenses)^longitude
5570
Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=healthcare_expenses
5571 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=mean_Hematocrit__
Volume_Fraction__of_Blood_by_Automated_count
5572
Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=(1/2*Chloride)^DALY
5573 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=longitude
5574 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=1/2*active_care_p
lans+mean_MCHC__Mass_volume__by_Automated_count
5575 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=healthcare_expens
es^longitude
5576 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=minimum(mean_Hema
tocrit__Volume_Fraction__of_Blood_by_Automated_count,mean_Prostate_specific_Ag__
Mass_volume__in_Serum,Plasma)
5577
Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=-healthcare_expenses
5578 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=mean_Hematocrit__
Volume_Fraction__of_Blood_by_Automated_count^num_allergies

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5579 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=mean_Hematocrit__
 Volume_Fraction__of_Blood_by_Automated_count-procedures_lifetime
 5580 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=Hemoglobin_A1c_He
 moglobin_total_in_Blood^immunizations_lifetime
 5581
 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=DALY+active_care_plans
 5582 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=(10^healthcare_ex
 penses)^longitude
 5583 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=-Pain_severity___
 0_10_verbal_numeric_rating__Score____Reported+mean_Hematocrit__Volume_Fraction__
 of_Blood_by_Automated_count
 5584 MCV__Entitic_volume__by_Automated_count<=healthcare_expenses
 5585 MCV__Entitic_volume__by_Automated_count<=mean_MCV__Entitic_volume__by_Autom
 ated_count
 5586 MCV__Entitic_volume__by_Automated_count<=mean_Carbon_Dioxide^(log(MCH__Enti
 tic_mass__by_Automated_count)/log(10))
 5587 MCV__Entitic_volume__by_Automated_count>=latitude
 5588 MCV__Entitic_volume__by_Automated_count>=minimum(medications_lifetime,mean_
 MCV__Entitic_volume__by_Automated_count)
 5589 MCV__Entitic_volume__by_Automated_count>=-healthcare_expenses
 5590 MCV__Entitic_volume__by_Automated_count>=mean_MCV__Entitic_volume__by_Autom
 ated_count^num_allergies
 5591 MCV__Entitic_volume__by_Automated_count>=mean_MCV__Entitic_volume__by_Autom
 ated_count-procedures_lifetime
 5592 MCV__Entitic_volume__by_Automated_count>=minimum(mean_MCV__Entitic_volume__
 by_Automated_count,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_
 Serum,Plasma)
 5593 MCV__Entitic_volume__by_Automated_count>=minimum(encounters_count,mean_MCV_
 _Entitic_volume__by_Automated_count)
 5594 MCV__Entitic_volume__by_Automated_count>=minimum(mean_MCV__Entitic_volume__
 by_Automated_count,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 5595 MCV__Entitic_volume__by_Automated_count>=healthcare_expenses^longitude
 5596 MCV__Entitic_volume__by_Automated_count>=minimum(latitude,10^healthcare_exp
 enses)
 5597 MCV__Entitic_volume__by_Automated_count>=mean_Chloride^2/immunizations_lif
 e_time_cost
 5598 MCH__Entitic_mass__by_Automated_count<=healthcare_expenses
 5599 MCH__Entitic_mass__by_Automated_count<=mean_MCH__Entitic_mass__by_Automated
 _count
 5600 MCH__Entitic_mass__by_Automated_count<=-Sodium+floor(Platelet_distribution_
 width__Entitic_volume__in_Blood_by_Automated_count)
 5601 MCH__Entitic_mass__by_Automated_count>=longitude
 5602 MCH__Entitic_mass__by_Automated_count>=minimum(mean_MCH__Entitic_mass__by_A
 utomated_count,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 5603 MCH__Entitic_mass__by_Automated_count>=mean_MCH__Entitic_mass__by_Automated
 _count^num_allergies
 5604 MCH__Entitic_mass__by_Automated_count>=minimum(device_lifetime_length,mean_
 MCH__Entitic_mass__by_Automated_count)

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5605 MCH__Entitic_mass__by_Automated_count>=-healthcare_expenses
5606 MCH__Entitic_mass__by_Automated_count>=healthcare_expenses^longitude
5607 MCH__Entitic_mass__by_Automated_count>=(10^healthcare_expenses)^longitude
5608 MCH__Entitic_mass__by_Automated_count>=DALY-
Leukocytes___volume__in_Blood_by_Automated_count
5609 MCH__Entitic_mass__by_Automated_count>=mean_MCH__Entitic_mass__by_Automated
_count-procedures_lifetime
5610 MCH__Entitic_mass__by_Automated_count>=minimum(Body_Mass_Index,mean_MCH__En
titic_mass__by_Automated_count)
5611 MCH__Entitic_mass__by_Automated_count>=Platelets___volume__in_Blood_by_Aut
omated_count/Respiratory_rate
5612 MCHC__Mass_volume__by_Automated_count<=healthcare_expenses
5613 MCHC__Mass_volume__by_Automated_count<=mean_MCHC__Mass_volume__by_Automated
_count
5614 MCHC__Mass_volume__by_Automated_count<=-log(age)/log(10)+Hematocrit__Volume
_Fraction__of_Blood_by_Automated_count
5615 MCHC__Mass_volume__by_Automated_count>=longitude
5616 MCHC__Mass_volume__by_Automated_count>=encounters_lifetime_perc_covered+mea
n_MCHC__Mass_volume__by_Automated_count-1
5617 MCHC__Mass_volume__by_Automated_count>=minimum(mean_MCHC__Mass_volume__by_A
utomated_count,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
5618 MCHC__Mass_volume__by_Automated_count>=(10^healthcare_expenses)^longitude
5619 MCHC__Mass_volume__by_Automated_count>=-healthcare_expenses
5620 MCHC__Mass_volume__by_Automated_count>=minimum(DALY,mean_MCHC__Mass_volume_
_by_Automated_count)
5621 MCHC__Mass_volume__by_Automated_count>=healthcare_expenses^longitude
5622 MCHC__Mass_volume__by_Automated_count>=mean_MCHC__Mass_volume__by_Automated
_count^num_allergies
5623
MCHC__Mass_volume__by_Automated_count>=-Body_Weight+Diastolic_Blood_Pressure
5624 MCHC__Mass_volume__by_Automated_count>=minimum(device_lifetime_length,mean_
MCHC__Mass_volume__by_Automated_count)
5625 MCHC__Mass_volume__by_Automated_count>=-Pain_severity___0_10_verbal_numeric
_rating__Score___Reported+mean_MCHC__Mass_volume__by_Automated_count
5626 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=healthc
are_expenses
5627 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=mean_Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count
5628 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=mean_Ca
lcium*sqrt(mean_Carbon_Dioxide)
5629
Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=longitude
5630 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=minimum
(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count,mean_Erythrocyte_distr
ibution_width__Entitic_volume__by_Automated_count)
5631 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=Calcium
+2*Hemoglobin__Mass_volume__in_Blood
5632 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=healthc

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are_expenses^longitude
5633 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=-health
care_expenses
5634 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=minimum
(mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count,mean_Pr
ostate_specific_Ag__Mass_volume__in_Serum,Plasma)
5635 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=mean_Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count^num_allergies
5636 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=-Pain_s
everity__0_10_verbal_numeric_rating__Score____Reported+mean_Erythrocyte_distrib
ution_width__Entitic_volume__by_Automated_count
5637 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=(10^hea
lthcare_expenses)^longitude
5638 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=minimum
(device_lifetime_length,mean_Erythrocyte_distribution_width__Entitic_volume__by_
Automated_count)
5639 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=mean_Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count-
procedures_lifetime
5640 Estimated_Glomerular_Filtration_Rate<=healthcare_expenses
5641 Estimated_Glomerular_Filtration_Rate<=Creatinine+Heart_rate
5642 Estimated_Glomerular_Filtration_Rate<=(mean_Estimated_Glomerular_Filtration
_Rate-1)/medications_lifetime_perc_covered
5643
Estimated_Glomerular_Filtration_Rate<=Heart_rate^2/Microalbumin_Creatinine_Ratio
5644 Estimated_Glomerular_Filtration_Rate<=Diastolic_Blood_Pressure*e^QOLS
5645 Estimated_Glomerular_Filtration_Rate<=Systolic_Blood_Pressure-
mean_Urea_Nitrogen-1
5646 Estimated_Glomerular_Filtration_Rate<=minimum(healthcare_expenses,Erythrocy
tes____volume__in_Blood_by_Automated_count^2)
5647 Estimated_Glomerular_Filtration_Rate<=mean_Estimated_Glomerular_Filtration_
Rate^mean_Pain_severity__0_10_verbal_numeric_rating__Score____Reported
5648 Estimated_Glomerular_Filtration_Rate<=(mean_Chloride-1)/num_allergies
5649 Estimated_Glomerular_Filtration_Rate<=DALY+immunizations_lifetime_cost-1
5650 Estimated_Glomerular_Filtration_Rate<=-QALY+floor(mean_Triglycerides)
5651 Estimated_Glomerular_Filtration_Rate<=maximum(mean_Carbon_Dioxide,1/num_all
ergies)
5652 Estimated_Glomerular_Filtration_Rate<=(1/QOLS)^Urea_Nitrogen
5653 Estimated_Glomerular_Filtration_Rate<=10^immunizations_lifetime_cost+mean_C
arbon_Dioxide
5654 Estimated_Glomerular_Filtration_Rate<=(Triglycerides-1)/Creatinine
5655
Estimated_Glomerular_Filtration_Rate<=(log(Respiratory_rate)/log(10))^latitude
5656 Estimated_Glomerular_Filtration_Rate<=(log(Respiratory_rate)/log(10))^QALY
5657 Estimated_Glomerular_Filtration_Rate<=mean_Urea_Nitrogen^2/mean_Creatinine
5658 Estimated_Glomerular_Filtration_Rate<=mean_Body_Weight^2/Microalbumin_Creat
inine_Ratio
5659 Estimated_Glomerular_Filtration_Rate<=-mean_Creatinine+2*mean_Estimated_Glo

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merular_Filtration_Rate
 5660 Estimated_Glomerular_Filtration_Rate<=e^ceil(Potassium)
 5661 Estimated_Glomerular_Filtration_Rate<=1/2*active_care_plan_length+immunizat
 ions_lifetime_cost
 5662 Estimated_Glomerular_Filtration_Rate<=10^Potassium/mean_Sodium
 5663 Estimated_Glomerular_Filtration_Rate<=10^medications_active*Carbon_Dioxide
 5664 Estimated_Glomerular_Filtration_Rate<=e^Calcium/mean_Microalbumin_Creatinin
 e_Ratio
 5665 Estimated_Glomerular_Filtration_Rate>=longitude
 5666 Estimated_Glomerular_Filtration_Rate>=-immunizations_lifetime_cost+lifetime
 _conditions+1
 5667 Estimated_Glomerular_Filtration_Rate>=(num_allergies+1)^procedures_lifetime
 5668
 Estimated_Glomerular_Filtration_Rate>=minimum(healthcare_coverage,Urea_Nitrogen)
 5669 Estimated_Glomerular_Filtration_Rate>=1/2*Body_Mass_Index-Potassium
 5670 Estimated_Glomerular_Filtration_Rate>=Creatinine*log(immunizations_lifetime
 _cost)/log(10)
 5671 Estimated_Glomerular_Filtration_Rate>=healthcare_expenses^longitude
 5672 Estimated_Glomerular_Filtration_Rate>=2*Diastolic_Blood_Pressure-
 mean_Total_Cholesterol
 5673 Estimated_Glomerular_Filtration_Rate>=2*mean_Estimated_Glomerular_Filtratio
 n_Rate-mean_Heart_rate
 5674 Estimated_Glomerular_Filtration_Rate>=-Glucose+mean_Body_Weight
 5675 Estimated_Glomerular_Filtration_Rate>=-healthcare_expenses
 5676 Estimated_Glomerular_Filtration_Rate>=-DALY+2*Respiratory_rate
 5677 Estimated_Glomerular_Filtration_Rate>=(latitude+1)/mean_Creatinine
 5678 Estimated_Glomerular_Filtration_Rate>=(medications_active^2)^imaging_studie
 s_lifetime
 5679 Estimated_Glomerular_Filtration_Rate>=(log(age)/log(10))^num_allergies
 5680 Estimated_Glomerular_Filtration_Rate>=sqrt(medications_lifetime)/mean_Pain_
 severity___0_10_verbal_numeric_rating___Score___Reported
 5681 Estimated_Glomerular_Filtration_Rate>=1/2*mean_High_Density_Lipoprotein_Cho
 lesterol/active_care_plans
 5682 Estimated_Glomerular_Filtration_Rate>=-active_care_plans+1/2*device_lifetim
 e_length
 5683 Estimated_Glomerular_Filtration_Rate>=medications_active/QOLS
 5684 Estimated_Glomerular_Filtration_Rate>=procedures_lifetime^imaging_studies_l
 ifetime
 5685 Estimated_Glomerular_Filtration_Rate>=2*Respiratory_rate-
 procedures_lifetime_cost
 5686 Estimated_Glomerular_Filtration_Rate>=ceil(active_condition_length)-mean_Hi
 gh_Density_Lipoprotein_Cholesterol
 5687 Estimated_Glomerular_Filtration_Rate>=(mean_Estimated_Glomerular_Filtration
 _Rate+1)^imaging_studies_lifetime
 5688 Estimated_Glomerular_Filtration_Rate>=mean_Glucose-mean_Sodium+1
 5689
 Estimated_Glomerular_Filtration_Rate>=mean_Estimated_Glomerular_Filtration_Rate-
 procedures_lifetime_cost

5690 $\text{Estimated_Glomerular_Filtration_Rate} \geq 2 * \text{Body_Height} / \text{Microalbumin_Creatinine_Ratio}$
 5691 $\text{Estimated_Glomerular_Filtration_Rate} \geq -\text{Potassium} + \text{mean_Estimated_Glomerular_Filtration_Rate} - 1$
 5692 $\text{Estimated_Glomerular_Filtration_Rate} \geq \sqrt{\text{medications_lifetime}} - \text{DALY}$
 5693 $\text{Estimated_Glomerular_Filtration_Rate} \geq (10^{\text{healthcare_expenses}})^{\text{longitude}}$
 5694 $\text{Estimated_Glomerular_Filtration_Rate} \geq \text{mean_Estimated_Glomerular_Filtration_Rate} - \text{mean_Potassium} - 1$
 5695 $\text{Estimated_Glomerular_Filtration_Rate} \geq e^{\text{Calcium} / \text{medications_lifetime_dispenses}}$
 5696 $\text{Estimated_Glomerular_Filtration_Rate} \geq \text{Body_Mass_Index} - \text{DALY} - 1$
 5697 $\text{Estimated_Glomerular_Filtration_Rate} \geq (\log(\text{mean_Respiratory_rate}) / \log(10))^{\text{Urea_Nitrogen}}$
 5698 $\text{Estimated_Glomerular_Filtration_Rate} \geq \text{Glucose}^2 / \text{medications_lifetime_dispenses}$
 5699 $\text{Microalbumin_Creatinine_Ratio} \leq \text{healthcare_expenses}$
 5700 $\text{Microalbumin_Creatinine_Ratio} \leq 2 * \text{QALY} + \text{lifetime_condition_length}$
 5701 $\text{Microalbumin_Creatinine_Ratio} \leq \text{healthcare_coverage} + 2 * \text{mean_Diastolic_Blood_Pressure}$
 5702 $\text{Microalbumin_Creatinine_Ratio} \leq \log(\text{Diastolic_Blood_Pressure}) * \text{mean_Microalbumin_Creatinine_Ratio} / \log(10)$
 5703 $\text{Microalbumin_Creatinine_Ratio} \leq e^{\text{Calcium} / \text{mean_Estimated_Glomerular_Filtration_Rate}}$
 5704 $\text{Microalbumin_Creatinine_Ratio} \leq \text{Chloride} + \text{floor}(\text{mean_Microalbumin_Creatinine_Ratio})$
 5705 $\text{Microalbumin_Creatinine_Ratio} \leq -\text{Urea_Nitrogen} + e^{\text{DALY}}$
 5706 $\text{Microalbumin_Creatinine_Ratio} \leq \text{maximum}(\text{pH_of_Urine_by_Test_strip}, 10^{\text{Creatinine}})$
 5707 $\text{Microalbumin_Creatinine_Ratio} \leq \text{maximum}(\text{latitude}, 10^{\text{Creatinine}})$
 5708 $\text{Microalbumin_Creatinine_Ratio} \leq \text{Low_Density_Lipoprotein_Cholesterol}^2 / \text{DALY}$
 5709 $\text{Microalbumin_Creatinine_Ratio} \leq (\log(\text{mean_Urea_Nitrogen}) / \log(10))^{\text{Chloride}}$
 5710 $\text{Microalbumin_Creatinine_Ratio} \leq \text{Low_Density_Lipoprotein_Cholesterol} * \text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}^2$
 5711 $\text{Microalbumin_Creatinine_Ratio} \leq \text{Total_Cholesterol} + 2 * \text{lifetime_care_plan_length}$
 5712 $\text{Microalbumin_Creatinine_Ratio} \leq (\log(\text{mean_Urea_Nitrogen}) / \log(10))^{\text{medications_lifetime}}$
 5713 $\text{Microalbumin_Creatinine_Ratio} \leq \text{longitude}^2 / \text{device_lifetime_length}$
 5714 $\text{Microalbumin_Creatinine_Ratio} \leq (\text{medications_lifetime} - 1) / \text{medications_lifetime_perc_covered}$
 5715 $\text{Microalbumin_Creatinine_Ratio} \leq \text{DALY}^{\text{mean_Creatinine}}$
 5716 $\text{Microalbumin_Creatinine_Ratio} \leq \text{mean_Calcium}^2 / \text{imaging_studies_lifetime}$
 5717 $\text{Microalbumin_Creatinine_Ratio} \leq \text{floor}(\text{mean_Calcium})^{\text{mean_Creatinine}}$
 5718 $\text{Microalbumin_Creatinine_Ratio} \leq \text{maximum}(\text{active_conditions}, 10^{\text{Creatinine}})$
 5719 $\text{Microalbumin_Creatinine_Ratio} \leq 10^{\text{QOLS}} * \text{Body_Height}$
 5720 $\text{Microalbumin_Creatinine_Ratio} \leq \text{maximum}(\text{mean_Total_Cholesterol}, 1 / \text{num_allergies})$

5721 $\text{Microalbumin_Creatinine_Ratio} \leq e^{\text{mean_Microalbumin_Creatinine_Ratio}/\text{DALY}}$
 5722 $\text{Microalbumin_Creatinine_Ratio} \leq 2 * \text{Chloride}/\text{medications_lifetime_perc_covered}$
 5723 $\text{Microalbumin_Creatinine_Ratio} \leq (e^{\text{Body_Mass_Index}})^{\text{QOLS}}$
 5724 $\text{Microalbumin_Creatinine_Ratio} \leq \text{mean_Microalbumin_Creatinine_Ratio}^{\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}}$
 5725 $\text{Microalbumin_Creatinine_Ratio} \leq \text{minimum}(\text{healthcare_expenses}, \text{Hemoglobin_Mass_volume_in_Blood}^2)$
 5726 $\text{Microalbumin_Creatinine_Ratio} \leq \text{Low_Density_Lipoprotein_Cholesterol}^2 / \text{Body_Mass_Index}$
 5727 $\text{Microalbumin_Creatinine_Ratio} \leq (\log(\text{Heart_rate}) / \log(10))^{\text{Calcium}}$
 5728 $\text{Microalbumin_Creatinine_Ratio} \leq \text{mean_Low_Density_Lipoprotein_Cholesterol} * \text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}^2$
 5729 $\text{Microalbumin_Creatinine_Ratio} \leq \text{DALY} * e^{\text{Creatinine}}$
 5730 $\text{Microalbumin_Creatinine_Ratio} \leq \text{Carbon_Dioxide} * \sqrt{\text{mean_Microalbumin_Creatinine_Ratio}}$
 5731 $\text{Microalbumin_Creatinine_Ratio} \geq \text{longitude}$
 5732 $\text{Microalbumin_Creatinine_Ratio} \geq \text{pH_of_Urine_by_Test_strip}^{\text{imaging_studies_lifetime}}$
 5733 $\text{Microalbumin_Creatinine_Ratio} \geq \text{medications_active}^2 - \text{Carbon_Dioxide}$
 5734 $\text{Microalbumin_Creatinine_Ratio} \geq 2 * \text{device_lifetime_length} - \text{mean_High_Density_Lipoprotein_Cholesterol}$
 5735 $\text{Microalbumin_Creatinine_Ratio} \geq -\text{Estimated_Glomerular_Filtration_Rate} + 1/2 * \text{mean_Chloride}$
 5736 $\text{Microalbumin_Creatinine_Ratio} \geq \text{mean_Microalbumin_Creatinine_Ratio} - \text{procedures_lifetime_cost}$
 5737 $\text{Microalbumin_Creatinine_Ratio} \geq \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}$
 5738 $\text{Microalbumin_Creatinine_Ratio} \geq \text{floor}(\text{QALY}) - \text{mean_Estimated_Glomerular_Filtration_Rate}$
 5739 $\text{Microalbumin_Creatinine_Ratio} \geq -\text{Sodium} + \text{mean_Microalbumin_Creatinine_Ratio} + 1$
 5740 $\text{Microalbumin_Creatinine_Ratio} \geq -\text{healthcare_expenses}$
 5741 $\text{Microalbumin_Creatinine_Ratio} \geq 1/2 * \text{mean_High_Density_Lipoprotein_Cholesterol} * \text{num_allergies}$
 5742 $\text{Microalbumin_Creatinine_Ratio} \geq \text{healthcare_expenses}^{\text{longitude}}$
 5743 $\text{Microalbumin_Creatinine_Ratio} \geq 1/2 * \text{mean_Microalbumin_Creatinine_Ratio} * \text{medications_lifetime_perc_covered}$
 5744 $\text{Microalbumin_Creatinine_Ratio} \geq -\text{immunizations_lifetime_cost} + 2 * \text{latitude}$
 5745 $\text{Microalbumin_Creatinine_Ratio} \geq e^{\text{mean_Creatinine}/\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}}$
 5746 $\text{Microalbumin_Creatinine_Ratio} \geq \text{Triglycerides} - \text{healthcare_coverage} + 1$
 5747 $\text{Microalbumin_Creatinine_Ratio} \geq (\log(\text{mean_Microalbumin_Creatinine_Ratio}) / \log(10))^{\text{Potassium}}$
 5748 $\text{Microalbumin_Creatinine_Ratio} \geq (e^{\text{active_care_plans}})^{\text{medications_lifetime_perc_covered}}$
 5749 $\text{Microalbumin_Creatinine_Ratio} \geq \text{immunizations_lifetime}^2 - \text{medications_active}$
 5750 $\text{Microalbumin_Creatinine_Ratio} \geq \text{mean_Microalbumin_Creatinine_Ratio} - \text{medications_lifetime} + 1$
 5751 $\text{Microalbumin_Creatinine_Ratio} \geq -\text{Heart_rate} + 1/2 * \text{mean_Triglycerides}$

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5752 Microalbumin_Creatinine_Ratio>=log(immunizations_lifetime)*mean_Microalbumi
n_Creatinine_Ratio/log(10)
5753 Microalbumin_Creatinine_Ratio>=sqrt(active_care_plans)^mean_Creatinine
5754 Microalbumin_Creatinine_Ratio>=(e^QOLS)^mean_Creatinine
5755 Microalbumin_Creatinine_Ratio>=e^medications_active*num_allergies
5756 Microalbumin_Creatinine_Ratio>=-Total_Cholesterol+mean_Triglycerides+1
5757 Microalbumin_Creatinine_Ratio>=(10^healthcare_expenses)^longitude
5758 Microalbumin_Creatinine_Ratio>=Calcium^2-Glucose
5759 Microalbumin_Creatinine_Ratio>=-Heart_rate+1/2*lifetime_care_plan_length
5760
Microalbumin_Creatinine_Ratio>=(log(active_conditions)/log(10))^Urea_Nitrogen
5761
Microalbumin_Creatinine_Ratio>=minimum(Total_Cholesterol,1/medications_active)
5762 Microalbumin_Creatinine_Ratio>=QALY^2-medications_lifetime_length
5763 Microalbumin_Creatinine_Ratio>=e^Pain_severity___0_10_verbal_numeric_rating
__Score____Reported-mean_Estimated_Glomerular_Filtration_Rate
5764 mean_Body_Height<=healthcare_expenses
5765 mean_Body_Height<=ceil(Body_Height)
5766 mean_Body_Height<=maximum(lifetime_condition_length,Body_Height)
5767 mean_Body_Height<=Body_Height+healthcare_coverage
5768 mean_Body_Height<=Body_Height^active_care_plans
5769 mean_Body_Height<=Body_Height^active_conditions
5770 mean_Body_Height<=maximum(encounters_lifetime_payer_coverage,Body_Height)
5771 mean_Body_Height<=1/healthcare_expenses+Body_Height
5772 mean_Body_Height<=maximum(medications_lifetime,Body_Height)
5773 mean_Body_Height<=Body_Height+medications_lifetime_perc_covered
5774 mean_Body_Height<=Body_Height+medications_active
5775 mean_Body_Height<=Body_Height+procedures_lifetime
5776 mean_Body_Height<=maximum(Body_Height,2*Glucose)
5777 mean_Body_Height<=Body_Height+Pain_severity___0_10_verbal_numeric_rating__S
core____Reported
5778 mean_Body_Height<=maximum(Body_Height,Total_Cholesterol)
5779 mean_Body_Height<=maximum(Body_Height,Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma)
5780 mean_Body_Height<=maximum(Body_Height,sqrt(healthcare_coverage))
5781 mean_Body_Height<=maximum(Body_Height,1/num_allergies)
5782 mean_Body_Height<=maximum(Body_Height,10^active_care_plans)
5783 mean_Body_Height<=maximum(Body_Height,2*lifetime_care_plan_length)
5784
mean_Body_Height<=1/2*Body_Height*Globulin__Mass_volume__in_Serum_by_calculation
5785 mean_Body_Height<=(Body_Height^2)^Creatinine
5786 mean_Body_Height>=latitude
5787 mean_Body_Height>=floor(Body_Height)
5788 mean_Body_Height>=minimum(Body_Height,Estimated_Glomerular_Filtration_Rate)
5789 mean_Body_Height>=minimum(Body_Height,Triglycerides)
5790 mean_Body_Height>=healthcare_expenses^longitude
5791 mean_Body_Height>=Body_Height-healthcare_coverage
5792 mean_Body_Height>=Body_Height/active_care_plans

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5793 mean_Body_Height>=minimum(lifetime_care_plan_length,Body_Height)
5794 mean_Body_Height>=Body_Height/active_conditions
5795 mean_Body_Height>=Body_Height-encounters_lifetime_payer_coverage
5796 mean_Body_Height>=-healthcare_expenses
5797 mean_Body_Height>=minimum(Body_Height,e^Hemoglobin_A1c_Hemoglobin_total_in_
Blood)
5798 mean_Body_Height>=Body_Height-immunizations_lifetime
5799 mean_Body_Height>=minimum(immunizations_lifetime_cost,Body_Height)
5800 mean_Body_Height>=Body_Height-medications_active
5801 mean_Body_Height>=Body_Height-procedures_lifetime
5802 mean_Body_Height>=Body_Height^QOLS
5803 mean_Body_Height>=minimum(Body_Height,Creatinine)
5804
mean_Body_Height>=minimum(Body_Height,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5805 mean_Body_Height>=minimum(Systolic_Blood_Pressure,Body_Height)
5806 mean_Body_Height>=Body_Height-
Pain_severity___0_10_verbal_numeric_rating__Score___Reported
5807 mean_Body_Height>=maximum(Body_Height,Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma)
5808 mean_Body_Height>=minimum(latitude,10^healthcare_expenses)
5809 mean_Body_Height>=1/longitude+Body_Height
5810 mean_Body_Height>=minimum(Body_Height,10^num_allergies)
5811 mean_Body_Mass_Index<=healthcare_expenses
5812 mean_Body_Mass_Index<=log(Potassium)/log(10)+Body_Mass_Index
5813 mean_Body_Mass_Index<=Body_Mass_Index+healthcare_coverage
5814 mean_Body_Mass_Index<=1/Glomerular_filtration_rate_1_73_sq_M_predicted+Body
_Mass_Index
5815 mean_Body_Mass_Index<=Body_Mass_Index+Pain_severity___0_10_verbal_numeric_r
ating__Score___Reported
5816 mean_Body_Mass_Index<=maximum(Body_Mass_Index,Glomerular_filtration_rate_1_
73_sq_M_predicted)
5817
mean_Body_Mass_Index<=maximum(Body_Mass_Index,Microalbumin_Creatinine_Ratio)
5818 mean_Body_Mass_Index<=Body_Mass_Index^active_conditions
5819 mean_Body_Mass_Index<=maximum(Body_Mass_Index,1/num_allergies)
5820 mean_Body_Mass_Index<=Body_Mass_Index+procedures_lifetime
5821 mean_Body_Mass_Index<=1/2*Body_Mass_Index*Globulin__Mass_volume__in_Serum_b
y_calculation
5822 mean_Body_Mass_Index<=maximum(encounters_count,Body_Mass_Index)
5823 mean_Body_Mass_Index<=Body_Mass_Index-encounters_lifetime_perc_covered+1
5824 mean_Body_Mass_Index<=Body_Mass_Index^active_care_plans
5825 mean_Body_Mass_Index<=maximum(lifetime_condition_length,Body_Mass_Index)
5826 mean_Body_Mass_Index<=maximum(medications_lifetime,Body_Mass_Index)
5827 mean_Body_Mass_Index<=maximum(Body_Mass_Index,Platelet_mean_volume__Entitic
_volume__in_Blood_by_Automated_count)
5828 mean_Body_Mass_Index<=Body_Mass_Index/QOLS
5829 mean_Body_Mass_Index<=1/Alkaline_phosphatase__Enzymatic_activity_volume__in
_Serum,Plasma+Body_Mass_Index

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5830 mean_Body_Mass_Index<=1/device_lifetime_length+Body_Mass_Index
5831 mean_Body_Mass_Index<=maximum(Triglycerides,abs(Body_Mass_Index))
5832 mean_Body_Mass_Index<=maximum(Body_Mass_Index,1/2*encounters_count)
5833 mean_Body_Mass_Index<=maximum(Body_Mass_Index,10^procedures_lifetime)
5834 mean_Body_Mass_Index<=maximum(Body_Mass_Index,mean_Glomerular_filtration_ra
te_1_73_sq_M_predicted)
5835 mean_Body_Mass_Index<=maximum(Body_Mass_Index,e^active_conditions)
5836 mean_Body_Mass_Index<=maximum(Body_Mass_Index,active_conditions^2)
5837 mean_Body_Mass_Index<=Glucose*sqrt(QOLS)
5838 mean_Body_Mass_Index<=log(Aspartate_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma)/log(10)+active_condition_length
5839 mean_Body_Mass_Index<=Body_Mass_Index+2*QOLS
5840 mean_Body_Mass_Index<=maximum(Body_Mass_Index,e^DALY)
5841
mean_Body_Mass_Index<=maximum(Body_Mass_Index,Microalbumin_Creatinine_Ratio-1)
5842 mean_Body_Mass_Index>=longitude
5843 mean_Body_Mass_Index>=ceil(Body_Mass_Index-1)
5844 mean_Body_Mass_Index>=healthcare_expenses^longitude
5845 mean_Body_Mass_Index>=Respiratory_rate+lifetime_care_plans
5846
mean_Body_Mass_Index>=minimum(Body_Mass_Index,sqrt(lifetime_condition_length))
5847 mean_Body_Mass_Index>=minimum(procedures_lifetime,Body_Mass_Index)
5848 mean_Body_Mass_Index>=minimum(Body_Mass_Index,1/2*Estimated_Glomerular_Filt
ration_Rate)
5849 mean_Body_Mass_Index>=minimum(Body_Mass_Index,sqrt(medications_lifetime))
5850 mean_Body_Mass_Index>=-healthcare_expenses
5851 mean_Body_Mass_Index>=minimum(Body_Mass_Index,10^imaging_studies_lifetime)
5852 mean_Body_Mass_Index>=-Leukocytes___volume__in_Blood_by_Automated_count+pr
ocedures_lifetime
5853 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Hemoglobin_A1c_Hemoglobin_tot
al_in_Blood)
5854 mean_Body_Mass_Index>=Body_Mass_Index-
Pain_severity___0_10_verbal_numeric_rating__Score___Reported
5855 mean_Body_Mass_Index>=Body_Mass_Index-healthcare_coverage
5856 mean_Body_Mass_Index>=Body_Mass_Index/active_care_plans
5857 mean_Body_Mass_Index>=Body_Mass_Index/active_conditions
5858 mean_Body_Mass_Index>=Body_Mass_Index-encounters_lifetime_payer_coverage
5859 mean_Body_Mass_Index>=Body_Mass_Index-medications_active
5860 mean_Body_Mass_Index>=Body_Mass_Index^QOLS
5861 mean_Body_Mass_Index>=log(medications_lifetime_perc_covered)/log(10)+Body_M
ass_Index
5862 mean_Body_Mass_Index>=-Total_Cholesterol+Triglycerides
5863 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Creatinine)
5864 mean_Body_Mass_Index>=(10^healthcare_expenses)^longitude
5865 mean_Body_Mass_Index>=minimum(Body_Mass_Index,10^num_allergies)
5866 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Carbon_Dioxide)
5867 mean_Body_Mass_Index>=maximum(Body_Mass_Index,Prostate_specific_Ag__Mass_vo
lume__in_Serum,Plasma)

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5868 mean_Body_Mass_Index>=Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma-Calcium
5869 mean_Body_Mass_Index>=Body_Mass_Index*log(lifetime_care_plans)/log(10)
5870 mean_Body_Mass_Index>=mean_Protein__Mass_volume__in_Serum,Plasma/Hemoglobin
_A1c_Hemoglobin_total_in_Blood
5871 mean_Body_Mass_Index>=minimum(Body_Mass_Index,10^immunizations_lifetime)
5872 mean_Body_Mass_Index>=minimum(Body_Mass_Index,1/encounters_lifetime_perc_co
vered)
5873 mean_Body_Mass_Index>=-Pain_severity___0_10_verbal_numeric_rating__Score___
_Reported+1/2*device_lifetime_length
5874 mean_Body_Mass_Index>=log(QOLS)/log(10)+Body_Mass_Index
5875 mean_Body_Mass_Index>=1/2*Body_Mass_Index/Creatinine
5876 mean_Body_Mass_Index>=minimum(immunizations_lifetime_cost,floor(Body_Mass_I
ndex))
5877 mean_Body_Mass_Index>=minimum(Body_Mass_Index,-Triglycerides)
5878 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Hemoglobin_A1c_Hemoglobin_tot
al_in_Blood^2)
5879 mean_Body_Mass_Index>=(Erythrocytes___volume__in_Blood_by_Automated_count+
1)*mean_Creatinine
5880 mean_Body_Mass_Index>=-Respiratory_rate+2*Urea_Nitrogen
5881 mean_Body_Weight<=healthcare_expenses
5882 mean_Body_Weight<=ceil(Body_Weight)+immunizations_lifetime_cost
5883 mean_Body_Weight<=Body_Weight^active_conditions
5884 mean_Body_Weight<=maximum(lifetime_condition_length,Body_Weight)
5885 mean_Body_Weight<=maximum(encounters_count,Body_Weight)
5886 mean_Body_Weight<=Body_Weight+healthcare_coverage
5887 mean_Body_Weight<=Body_Weight+Pain_severity___0_10_verbal_numeric_rating__S
core___Reported
5888 mean_Body_Weight<=Body_Weight+procedures_lifetime
5889 mean_Body_Weight<=maximum(Body_Weight,1/device_lifetime_length)
5890 mean_Body_Weight<=maximum(Body_Weight,Low_Density_Lipoprotein_Cholesterol)
5891 mean_Body_Weight<=Body_Weight+1/2*Creatinine
5892 mean_Body_Weight<=maximum(Body_Weight,Glomerular_filtration_rate_1_73_sq_M_
predicted)
5893 mean_Body_Weight<=maximum(Body_Weight,Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma)
5894 mean_Body_Weight<=maximum(Body_Weight,Platelet_mean_volume__Entitic_volume_
_in_Blood_by_Automated_count)
5895 mean_Body_Weight<=Estimated_Glomerular_Filtration_Rate+Glucose
5896 mean_Body_Weight<=2*High_Density_Lipoprotein_Cholesterol+Urea_Nitrogen
5897 mean_Body_Weight<=maximum(Body_Weight,1/num_allergies)
5898 mean_Body_Weight<=maximum(Heart_rate,ceil(Body_Weight))
5899 mean_Body_Weight<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*mean_Alkaline
phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
5900 mean_Body_Weight<=Body_Weight^active_care_plans
5901 mean_Body_Weight>=latitude
5902 mean_Body_Weight>=Body_Weight-1
5903 mean_Body_Weight>=healthcare_expenses^longitude

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5904 mean_Body_Weight>=minimum(active_condition_length,Body_Weight)
5905 mean_Body_Weight>=-healthcare_expenses
5906 mean_Body_Weight>=minimum(Body_Weight,Estimated_Glomerular_Filtration_Rate)
5907 mean_Body_Weight>=Body_Weight-encounters_lifetime_payer_coverage
5908 mean_Body_Weight>=minimum(QALY,Body_Weight)
5909 mean_Body_Weight>=minimum(Body_Weight,High_Density_Lipoprotein_Cholesterol)
5910 mean_Body_Weight>=minimum(Body_Weight,1/2*Systolic_Blood_Pressure)
5911 mean_Body_Weight>=Diastolic_Blood_Pressure-
MCHC__Mass_volume__by_Automated_count
5912 mean_Body_Weight>=Body_Weight-healthcare_coverage
5913 mean_Body_Weight>=Body_Weight/active_care_plans
5914 mean_Body_Weight>=Body_Weight/active_conditions
5915 mean_Body_Weight>=Body_Weight-medications_active
5916 mean_Body_Weight>=Body_Weight^QOLS
5917
mean_Body_Weight>=minimum(Body_Weight,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5918 mean_Body_Weight>=Body_Weight-
Pain_severity___0_10_verbal_numeric_rating__Score___Reported
5919 mean_Body_Weight>=minimum(Body_Weight,Creatinine)
5920 mean_Body_Weight>=Body_Weight+log(medications_lifetime_perc_covered)
5921 mean_Body_Weight>=maximum(Body_Weight,Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma)
5922 mean_Body_Weight>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Seru
m,Plasma+floor(Low_Density_Lipoprotein_Cholesterol)
5923 mean_Body_Weight>=minimum(latitude,10^healthcare_expenses)
5924 mean_Body_Weight>=minimum(Body_Weight,10^num_allergies)
5925 mean_Body_Weight>=floor(Body_Weight)-immunizations_lifetime
5926 mean_Body_Weight>=minimum(age,floor(Body_Weight))
5927 mean_Body_Weight>=Body_Weight+log(encounters_lifetime_perc_covered)
5928 mean_Body_Weight>=minimum(Body_Weight,10^immunizations_lifetime)
5929 mean_Body_Weight>=minimum(Diastolic_Blood_Pressure,floor(Body_Weight))
5930 mean_Body_Weight>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__
in_Serum,Plasma,floor(Body_Weight))
5931
mean_Body_Weight>=minimum(Body_Weight,1/2*Low_Density_Lipoprotein_Cholesterol)
5932 mean_Body_Weight>=DALY+1/2*MCV__Entitic_volume__by_Automated_count
5933 mean_Calcium<=healthcare_expenses
5934 mean_Calcium<=Calcium+1
5935 mean_Calcium<=floor(1/2*Carbon_Dioxide)
5936 mean_Calcium<=Body_Weight^2/encounters_count
5937 mean_Calcium<=10^(10^immunizations_lifetime)
5938 mean_Calcium<=Calcium^active_care_plans
5939 mean_Calcium<=maximum(encounters_count,Calcium)
5940 mean_Calcium<=Calcium+procedures_lifetime
5941 mean_Calcium<=Estimated_Glomerular_Filtration_Rate*log(active_conditions)/l
og(10)
5942 mean_Calcium<=Glomerular_filtration_rate_1_73_sq_M_predicted/Creatinine
5943 mean_Calcium<=sqrt(Chloride)+num_allergies

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5944 mean_Calcium<=Bilirubin_total__Mass_volume__in_Serum,Plasma+Calcium
5945 mean_Calcium<=maximum(Triglycerides,Calcium)
5946 mean_Calcium<=sqrt(Estimated_Glomerular_Filtration_Rate)+DALY
5947 mean_Calcium<=lifetime_care_plan_length/lifetime_care_plans
5948 mean_Calcium<=active_care_plan_length*log(Hemoglobin_A1c_Hemoglobin_total_i
n_Blood)/log(10)
5949 mean_Calcium<=maximum(medications_lifetime,Calcium)
5950 mean_Calcium<=(1/medications_lifetime_perc_covered)^Chloride
5951 mean_Calcium<=1/immunizations_lifetime+Calcium
5952 mean_Calcium<=-Sodium+Total_Cholesterol
5953
mean_Calcium<=maximum(Calcium,Glomerular_filtration_rate_1_73_sq_M_predicted)
5954 mean_Calcium<=Calcium+healthcare_coverage
5955 mean_Calcium<=sqrt(Body_Mass_Index)+Erythrocytes____volume__in_Blood_by_Aut
omated_count
5956 mean_Calcium<=Potassium*log(Respiratory_rate)
5957 mean_Calcium<=Calcium+medications_active
5958 mean_Calcium<=Calcium/QOLS
5959 mean_Calcium<=maximum(Urea_Nitrogen,Platelet_mean_volume__Entitic_volume__i
n_Blood_by_Automated_count)
5960 mean_Calcium<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma+1/2*Potassium
5961 mean_Calcium<=maximum(Respiratory_rate,Calcium)
5962 mean_Calcium<=1/2*Alanine_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma/immunizations_lifetime
5963 mean_Calcium<=maximum(Calcium,mean_Urea_Nitrogen)
5964 mean_Calcium<=sqrt(Alanine_aminotransferase__Enzymatic_activity_volume__in_
Serum,Plasma)*Globulin__Mass_volume__in_Serum_by_calculation
5965 mean_Calcium<=10^ceil(DALY)
5966 mean_Calcium<=10^(10^procedures_lifetime)
5967
mean_Calcium<=maximum(Calcium,e^Globulin__Mass_volume__in_Serum_by_calculation)
5968 mean_Calcium<=Calcium^active_conditions
5969
mean_Calcium<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+1/2*Carbon_Dioxide
5970
mean_Calcium<=log(Systolic_Blood_Pressure)+mean_Microalbumin_Creatinine_Ratio
5971 mean_Calcium<=-Diastolic_Blood_Pressure+Triglycerides+1
5972 mean_Calcium<=(age+1)/mean_Potassium
5973 mean_Calcium<=maximum(Calcium,10^medications_active)
5974 mean_Calcium<=1/2*Hemoglobin__Mass_volume__in_Blood+mean_Hemoglobin_A1c_Hem
oglobin_total_in_Blood
5975 mean_Calcium<=age-device_lifetime_length-1
5976 mean_Calcium<=-QOLS+e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
5977 mean_Calcium<=Calcium+log(active_care_plans)
5978
mean_Calcium<=sqrt(Systolic_Blood_Pressure)-medications_lifetime_perc_covered
5979

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mean_Calcium<=sqrt(Globulin_Mass_volume__in_Serum_by_calculation)+Urea_Nitrogen
5980 mean_Calcium<=1/medications_lifetime_perc_covered+Urea_Nitrogen
5981 mean_Calcium<=-QOLS+Respiratory_rate-1
5982 mean_Calcium<=maximum(active_conditions,ceil(Calcium))
5983 mean_Calcium<=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Erythrocytes__
__volume__in_Blood_by_Automated_count
5984 mean_Calcium<=Carbon_Dioxide^2/DALY
5985 mean_Calcium<=log(Leukocytes____volume__in_Blood_by_Automated_count)/log(10
)+Calcium
5986 mean_Calcium<=-Body_Mass_Index+ceil(Erythrocyte_distribution_width__Entitic
_volume__by_Automated_count)
5987 mean_Calcium>=longitude
5988 mean_Calcium>=Calcium-Creatinine
5989 mean_Calcium>=Calcium-1
5990 mean_Calcium>=minimum(Calcium,10^imaging_studies_lifetime)
5991 mean_Calcium>=minimum(Calcium,1/2*Urea_Nitrogen)
5992 mean_Calcium>=sqrt(mean_Estimated_Glomerular_Filtration_Rate)
5993 mean_Calcium>=minimum(medications_active,Calcium)
5994 mean_Calcium>=healthcare_expenses^longitude
5995 mean_Calcium>=minimum(Calcium,sqrt(QALY))
5996 mean_Calcium>=log(active_care_plan_length)*mean_Potassium/log(10)
5997 mean_Calcium>=Calcium-
mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
5998 mean_Calcium>=minimum(Calcium,medications_active+1)
5999 mean_Calcium>=Carbon_Dioxide-active_care_plan_length
6000 mean_Calcium>=(Glucose+1)/Estimated_Glomerular_Filtration_Rate
6001 mean_Calcium>=log(encounters_lifetime_total_cost)/log(10)+num_allergies
6002 mean_Calcium>=floor(Total_Cholesterol)/active_condition_length
6003 mean_Calcium>=lifetime_care_plans/DALY
6004 mean_Calcium>=(Pain_severity___0_10_verbal_numeric_rating__Score____Reporte
d-1)*Creatinine
6005 mean_Calcium>=ceil(Chloride)/Respiratory_rate
6006 mean_Calcium>=1/2*MCH__Entitic_mass__by_Automated_count-encounters_count
6007 mean_Calcium>=log(encounters_lifetime_payer_coverage)-medications_active
6008 mean_Calcium>=Calcium/active_care_plans
6009 mean_Calcium>=minimum(Platelet_mean_volume__Entitic_volume__in_Blood_by_Aut
omated_count,10^device_lifetime_length)
6010 mean_Calcium>=(encounters_count+1)/High_Density_Lipoprotein_Cholesterol
6011 mean_Calcium>=active_care_plans+mean_Pain_severity___0_10_verbal_numeric_ra
ting__Score____Reported
6012 mean_Calcium>=active_care_plans+log(lifetime_care_plans)
6013 mean_Calcium>=QOLS/Bilirubin_total__Mass_volume__in_Serum,Plasma
6014 mean_Calcium>=-longitude/Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma
6015 mean_Calcium>=minimum(lifetime_care_plans,Calcium)
6016 mean_Calcium>=minimum(Leukocytes____volume__in_Blood_by_Automated_count,abs
(Calcium))
6017 mean_Calcium>=2*Diastolic_Blood_Pressure/mean_Carbon_Dioxide

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6018 mean_Calcium>=1/2*Total_Cholesterol/mean_Respiratory_rate
6019 mean_Calcium>=Calcium/active_conditions
6020 mean_Calcium>=log(encounters_lifetime_total_cost)-mean_Pain_severity___0_10
    _verbal_numeric_rating__Score____Reported
6021 mean_Calcium>=(Body_Height+1)/Body_Mass_Index
6022 mean_Calcium>=2*Erythrocytes____volume__in_Blood_by_Automated_count-1
6023 mean_Calcium>=minimum(Calcium,mean_Pain_severity___0_10_verbal_numeric_rati
    ng__Score____Reported)
6024 mean_Calcium>=Albumin__Mass_volume__in_Serum,Plasma+ceil(Creatinine)
6025 mean_Calcium>=floor(age)-mean_Low_Density_Lipoprotein_Cholesterol
6026 mean_Calcium>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-
    active_care_plan_length
6027 mean_Calcium>=10^medications_lifetime_perc_covered+Prostate_specific_Ag__Ma
    ss_volume__in_Serum,Plasma
6028 mean_Calcium>=floor(Creatinine)+mean_Pain_severity___0_10_verbal_numeric_ra
    ting__Score____Reported
6029 mean_Calcium>=-Respiratory_rate+1/2*latitude
6030 mean_Calcium>=1/2*Bilirubin_total__Mass_volume__in_Serum,Plasma*DALY
6031 mean_Calcium>=QOLS+1/2*Respiratory_rate
6032 mean_Calcium>=floor(Calcium)-immunizations_lifetime
6033
mean_Calcium>=sqrt(Glucose)-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
6034 mean_Calcium>=sqrt(Respiratory_rate)+Potassium
6035 mean_Calcium>=1/2*active_condition_length/Potassium
6036 mean_Calcium>=(10^healthcare_expenses)^longitude
6037 mean_Calcium>=sqrt(Low_Density_Lipoprotein_Cholesterol)-DALY
6038 mean_Calcium>=sqrt(age)-immunizations_lifetime
6039 mean_Calcium>=Respiratory_rate-
    mean_Leukocytes____volume__in_Blood_by_Automated_count-1
6040 mean_Calcium>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+floor(Calcium)
6041 mean_Calcium>=lifetime_conditions^2/encounters_count
6042 mean_Calcium>=2*Glucose/MCHC__Mass_volume__by_Automated_count
6043 mean_Calcium>=-Heart_rate+active_condition_length+1
6044 mean_Calcium>=log(device_lifetime_length)*mean_Pain_severity___0_10_verbal_
    numeric_rating__Score____Reported
6045 mean_Calcium>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood
    _by_Automated_count,floor(Calcium))
6046 mean_Calcium>=sqrt(Low_Density_Lipoprotein_Cholesterol)-Globulin__Mass_volu
    me__in_Serum_by_calculation
6047 mean_Calcium>=sqrt(Microalbumin_Creatinine_Ratio)^imaging_studies_lifetime
6048 mean_Carbon_Dioxide<=healthcare_expenses
6049 mean_Carbon_Dioxide<=maximum(Heart_rate,Carbon_Dioxide)
6050 mean_Carbon_Dioxide<=Carbon_Dioxide+healthcare_coverage-1
6051 mean_Carbon_Dioxide<=Carbon_Dioxide^active_care_plans
6052 mean_Carbon_Dioxide<=10^Leukocytes____volume__in_Blood_by_Automated_count/m
    ean_Systolic_Blood_Pressure
6053 mean_Carbon_Dioxide<=maximum(Body_Mass_Index,Carbon_Dioxide)
6054 mean_Carbon_Dioxide<=Carbon_Dioxide+log(Erythrocyte_distribution_width__Ent

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itic_volume__by_Automated_count)
6055 mean_Carbon_Dioxide<=(1/encounters_lifetime_perc_covered)^Microalbumin_Crea
tinine_Ratio
6056 mean_Carbon_Dioxide<=maximum(Triglycerides,Carbon_Dioxide)
6057 mean_Carbon_Dioxide<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Auto
mated_count*sqrt(Urea_Nitrogen)
6058 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,Glomerular_filtration_rate_1_73
_sq_M_predicted)
6059 mean_Carbon_Dioxide<=Albumin__Mass_volume__in_Serum,Plasma+Carbon_Dioxide-1
6060 mean_Carbon_Dioxide<=e^Aspartate_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma/Heart_rate
6061 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,active_conditions^2)
6062 mean_Carbon_Dioxide<=Alanine_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma/QOLS
6063 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,e^DALY)
6064 mean_Carbon_Dioxide<=2*Glucose/mean_Creatinine
6065 mean_Carbon_Dioxide<=-Respiratory_rate+floor(age)
6066 mean_Carbon_Dioxide<=Alanine_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma+mean_Potassium+1
6067 mean_Carbon_Dioxide<=-Leukocytes____volume__in_Blood_by_Automated_count+cei
l(active_care_plan_length)
6068
mean_Carbon_Dioxide<=maximum(encounters_count,floor(active_care_plan_length))
6069
mean_Carbon_Dioxide<=ceil(Potassium)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
6070 mean_Carbon_Dioxide<=Carbon_Dioxide^active_conditions
6071 mean_Carbon_Dioxide<=Chloride-High_Density_Lipoprotein_Cholesterol
6072 mean_Carbon_Dioxide<=active_condition_length+immunizations_lifetime+1
6073 mean_Carbon_Dioxide<=Carbon_Dioxide+Prostate_specific_Ag__Mass_volume__in_S
erum,Plasma
6074 mean_Carbon_Dioxide<=-Pain_severity___0_10_verbal_numeric_rating__Score____
Reported+QALY+1
6075 mean_Carbon_Dioxide<=1/imaging_studies_lifetime+mean_Estimated_Glomerular_F
iltration_Rate
6076 mean_Carbon_Dioxide<=Calcium+ceil(active_care_plan_length)
6077 mean_Carbon_Dioxide<=Erythrocytes____volume__in_Blood_by_Automated_count^2+
Calcium
6078 mean_Carbon_Dioxide<=e^Calcium/Body_Height
6079 mean_Carbon_Dioxide<=Estimated_Glomerular_Filtration_Rate+procedures_lifeti
me_cost-1
6080
mean_Carbon_Dioxide<=Estimated_Glomerular_Filtration_Rate+e^active_care_plans
6081 mean_Carbon_Dioxide<=Carbon_Dioxide+encounters_lifetime_payer_coverage
6082 mean_Carbon_Dioxide<=sqrt(DALY)+Carbon_Dioxide
6083 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,10^DALY)
6084 mean_Carbon_Dioxide<=1/2*QALY+mean_Globulin__Mass_volume__in_Serum_by_calcu
lation
6085 mean_Carbon_Dioxide<=(2*Systolic_Blood_Pressure)^mean_Creatinine

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6086 mean_Carbon_Dioxide<=2*Protein_Mass_volume__in_Serum,Plasma*encounters_lifetime_perc_covered
6087 mean_Carbon_Dioxide<=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,sqrt(Protein_Mass_volume__in_Urine_by_Test_strip))
6088
mean_Carbon_Dioxide<=maximum(active_care_plan_length,1/device_lifetime_length)
6089 mean_Carbon_Dioxide<=Carbon_Dioxide+log(Glucose)
6090 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,2*encounters_count)
6091 mean_Carbon_Dioxide<=(log(encounters_lifetime_total_cost)/log(10))^Hemoglobin_A1c_Hemoglobin_total_in_Blood
6092 mean_Carbon_Dioxide<=10^medications_active+Carbon_Dioxide
6093 mean_Carbon_Dioxide<=(Estimated_Glomerular_Filtration_Rate+1)*mean_Pain_severity__0_10_verbal_numeric_rating__Score___Reported
6094
mean_Carbon_Dioxide<=log(Systolic_Blood_Pressure)*mean_Respiratory_rate/log(10)
6095 mean_Carbon_Dioxide<=Carbon_Dioxide^2/Urea_Nitrogen
6096 mean_Carbon_Dioxide<=Calcium*floor(Potassium)
6097 mean_Carbon_Dioxide<=Chloride^2/encounters_count
6098 mean_Carbon_Dioxide<=Carbon_Dioxide+log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
6099
mean_Carbon_Dioxide<=sqrt(Bilirubin_total__Mass_volume__in_Serum,Plasma)*Glucose
6100 mean_Carbon_Dioxide>=longitude
6101 mean_Carbon_Dioxide>=2*Carbon_Dioxide/Globulin_Mass_volume__in_Serum_by_calculation
6102 mean_Carbon_Dioxide>=Albumin_Mass_volume__in_Serum,Plasma+Urea_Nitrogen+1
6103 mean_Carbon_Dioxide>=sqrt(Carbon_Dioxide)+active_conditions
6104 mean_Carbon_Dioxide>=Carbon_Dioxide-procedures_lifetime_cost
6105 mean_Carbon_Dioxide>=Carbon_Dioxide-DALY
6106 mean_Carbon_Dioxide>=Carbon_Dioxide-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1
6107 mean_Carbon_Dioxide>=Pain_severity__0_10_verbal_numeric_rating__Score___Reported*log(lifetime_condition_length)
6108 mean_Carbon_Dioxide>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(Carbon_Dioxide)
6109 mean_Carbon_Dioxide>=healthcare_expenses^longitude
6110 mean_Carbon_Dioxide>=2*ceil(Calcium)
6111 mean_Carbon_Dioxide>=1/2*medications_lifetime/Microalbumin_Creatinine_Ratio
6112 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,mean_Pain_severity__0_10_verbal_numeric_rating__Score___Reported)
6113 mean_Carbon_Dioxide>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2/mean_Sodium
6114 mean_Carbon_Dioxide>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(procedures_lifetime)/log(10)
6115 mean_Carbon_Dioxide>=sqrt(lifetime_condition_length)-device_lifetime_length
6116 mean_Carbon_Dioxide>=-DALY+floor(device_lifetime_length)
6117 mean_Carbon_Dioxide>=Creatinine*sqrt(device_lifetime_length)
6118 mean_Carbon_Dioxide>=Carbon_Dioxide/active_conditions

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6119 mean_Carbon_Dioxide>=1/2*Hematocrit__Volume_Fraction__of_Blood_by_Automated
_count-1/2
6120 mean_Carbon_Dioxide>=-Heart_rate+age+1
6121 mean_Carbon_Dioxide>=1/2*Total_Cholesterol/medications_lifetime
6122 mean_Carbon_Dioxide>=Hemoglobin__Mass_volume__in_Blood+log(immunizations_li
fetime_cost)
6123 mean_Carbon_Dioxide>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*sqrt(lifetime
_conditions)
6124 mean_Carbon_Dioxide>=num_allergies^2-1
6125
mean_Carbon_Dioxide>=log(Microalbumin_Creatinine_Ratio)*mean_Calcium/log(10)
6126 mean_Carbon_Dioxide>=sqrt(Total_Cholesterol)/mean_Creatinine
6127 mean_Carbon_Dioxide>=2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_c
ount/Leukocytes___volume__in_Blood_by_Automated_count
6128 mean_Carbon_Dioxide>=2*medications_lifetime_dispenses/Platelet_distribution
_width__Entitic_volume__in_Blood_by_Automated_count
6129 mean_Carbon_Dioxide>=Carbon_Dioxide/active_care_plans
6130 mean_Carbon_Dioxide>=QOLS^2*mean_Estimated_Glomerular_Filtration_Rate
6131 mean_Carbon_Dioxide>=DALY-
Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
6132 mean_Carbon_Dioxide>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2-e
ncounters_count
6133 mean_Carbon_Dioxide>=Calcium+ceil(Platelet_mean_volume__Entitic_volume__in_
Blood_by_Automated_count)
6134 mean_Carbon_Dioxide>=immunizations_lifetime_cost/active_care_plan_length
6135 mean_Carbon_Dioxide>=(Body_Weight+1)/Erythrocytes___volume__in_Blood_by_Au
tomated_count
6136 mean_Carbon_Dioxide>=sqrt(lifetime_condition_length)+Prostate_specific_Ag__
Mass_volume__in_Serum,Plasma
6137 mean_Carbon_Dioxide>=lifetime_care_plans*log(Erythrocyte_distribution_width
__Entitic_volume__by_Automated_count)
6138 mean_Carbon_Dioxide>=Respiratory_rate+medications_active
6139 mean_Carbon_Dioxide>=log(active_conditions)/QOLS
6140 mean_Carbon_Dioxide>=2*Diastolic_Blood_Pressure/mean_Calcium
6141 mean_Carbon_Dioxide>=Diastolic_Blood_Pressure/Potassium
6142 mean_Carbon_Dioxide>=Carbon_Dioxide*log(lifetime_care_plans)/log(10)
6143 mean_Carbon_Dioxide>=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean_C
reatinine
6144 mean_Carbon_Dioxide>=(Body_Height+1)/Calcium
6145 mean_Carbon_Dioxide>=sqrt(Erythrocyte_distribution_width__Entitic_volume__b
y_Automated_count)+lifetime_conditions
6146 mean_Carbon_Dioxide>=sqrt(Calcium)*active_care_plans
6147 mean_Carbon_Dioxide>=floor(Urea_Nitrogen)+mean_Creatinine
6148 mean_Carbon_Dioxide>=2*sqrt(Glucose)
6149
mean_Carbon_Dioxide>=minimum(Estimated_Glomerular_Filtration_Rate,Potassium^2)
6150 mean_Carbon_Dioxide>=(10^healthcare_expenses)^longitude
6151 mean_Carbon_Dioxide>=minimum(DALY,1/2*latitude)

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6152 mean_Carbon_Dioxide>=sqrt(medications_lifetime_dispenses)^medications_lifet
ime_perc_covered
6153 mean_Carbon_Dioxide>=Carbon_Dioxide-
mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported-1
6154 mean_Carbon_Dioxide>=Glomerular_filtration_rate_1_73_sq_M_predicted-
Protein__Mass_volume__in_Serum,Plasma-1
6155 mean_Carbon_Dioxide>=(Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma-1)^QOLS
6156 mean_Carbon_Dioxide>=(Creatinine-1)*active_care_plans
6157 mean_Carbon_Dioxide>=2*QALY-Sodium
6158 mean_Carbon_Dioxide>=2*Diastolic_Blood_Pressure/Urea_Nitrogen
6159 mean_Carbon_Dioxide>=-Urea_Nitrogen+floor(Body_Mass_Index)
6160 mean_Carbon_Dioxide>=minimum(mean_Estimated_Glomerular_Filtration_Rate,Pota
ssium^2)
6161
mean_Carbon_Dioxide>=floor(Glucose)-mean_Low_Density_Lipoprotein_Cholesterol
6162 mean_Carbon_Dioxide>=Carbon_Dioxide-Potassium+1
6163 mean_Chloride<=healthcare_expenses
6164 mean_Chloride<=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma+2*Diastolic_Blood_Pressure
6165 mean_Chloride<=maximum(lifetime_condition_length,Chloride)
6166 mean_Chloride<=Chloride^active_care_plans
6167 mean_Chloride<=maximum(Triglycerides,Chloride)
6168 mean_Chloride<=Albumin__Mass_volume__in_Serum,Plasma+floor(Chloride)
6169 mean_Chloride<=Heart_rate+mean_High_Density_Lipoprotein_Cholesterol-1
6170
mean_Chloride<=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^QALY
6171 mean_Chloride<=Systolic_Blood_Pressure+procedures_lifetime_cost
6172 mean_Chloride<=1/2*Body_Height+active_condition_length
6173 mean_Chloride<=maximum(Chloride,mean_Systolic_Blood_Pressure)
6174 mean_Chloride<=Systolic_Blood_Pressure-
mean_Erythrocytes___volume__in_Blood_by_Automated_count
6175 mean_Chloride<=10^medications_active*Systolic_Blood_Pressure
6176 mean_Chloride<=Body_Weight*log(latitude)/log(10)
6177 mean_Chloride<=1/2*Low_Density_Lipoprotein_Cholesterol+mean_Heart_rate
6178 mean_Chloride<=maximum(Systolic_Blood_Pressure,Chloride+1)
6179
mean_Chloride<=Chloride+Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-1
6180 mean_Chloride<=Body_Mass_Index+2*Erythrocyte_distribution_width__Entitic_vo
lume__by_Automated_count
6181
mean_Chloride<=Globulin__Mass_volume__in_Serum_by_calculation+ceil(Chloride)
6182 mean_Chloride<=Chloride/QOLS
6183 mean_Chloride<=Diastolic_Blood_Pressure+e^Leukocytes___volume__in_Blood_by
_Automated_count
6184 mean_Chloride<=maximum(Chloride,e^Leukocytes___volume__in_Blood_by_Automat
ed_count)
6185 mean_Chloride<=Erythrocyte_distribution_width__Entitic_volume__by_Automated

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_count+2*QALY
6186 mean_Chloride<=Chloride+healthcare_coverage-1
6187 mean_Chloride<=Chloride^active_conditions
6188 mean_Chloride<=maximum(Body_Height,Chloride)
6189 mean_Chloride<=2*Heart_rate-active_conditions
6190 mean_Chloride<=ceil(Total_Cholesterol)-procedures_lifetime
6191 mean_Chloride<=10^QOLS+Chloride
6192 mean_Chloride<=Respiratory_rate*mean_Calcium
6193 mean_Chloride<=active_condition_length+mean_Glucose
6194 mean_Chloride<=2*DALY*mean_Microalbumin_Creatinine_Ratio
6195 mean_Chloride<=Body_Mass_Index^2/Albumin__Mass_volume__in_Serum,Plasma
6196 mean_Chloride<=Chloride+log(QALY)
6197 mean_Chloride<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Seru
m,Plasma^2/active_care_plans
6198 mean_Chloride<=sqrt(lifetime_care_plans)*mean_Low_Density_Lipoprotein_Chole
sterol
6199 mean_Chloride<=Protein__Mass_volume__in_Serum,Plasma+ceil(Alkaline_phosphat
ase__Enzymatic_activity_volume__in_Serum,Plasma)
6200 mean_Chloride<=maximum(Chloride,encounters_count^2)
6201 mean_Chloride<=log(medications_lifetime_dispenses)^mean_Hemoglobin_A1c_Hemo
globin_total_in_Blood
6202
mean_Chloride<=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*mean_Glucose
6203 mean_Chloride<=maximum(Chloride,Glomerular_filtration_rate_1_73_sq_M_predic
ted^2)
6204 mean_Chloride<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Aut
omated_count-age+1
6205 mean_Chloride<=Low_Density_Lipoprotein_Cholesterol+e^Albumin__Mass_volume__
in_Serum,Plasma
6206 mean_Chloride<=maximum(Systolic_Blood_Pressure,e^Prostate_specific_Ag__Mass
_volume__in_Serum,Plasma)
6207
mean_Chloride<=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)+Chloride
6208 mean_Chloride>=latitude
6209 mean_Chloride>=active_conditions+mean_Heart_rate
6210 mean_Chloride>=sqrt(Chloride)+mean_Heart_rate
6211 mean_Chloride>=Heart_rate+log(encounters_count)
6212 mean_Chloride>=Glucose-mean_Microalbumin_Creatinine_Ratio+1
6213 mean_Chloride>=Urea_Nitrogen*active_care_plans
6214 mean_Chloride>=Heart_rate+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
6215 mean_Chloride>=ceil(active_care_plan_length)/mean_Creatinine
6216
mean_Chloride>=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)*latitude
6217 mean_Chloride>=healthcare_expenses^longitude
6218 mean_Chloride>=minimum(Diastolic_Blood_Pressure,Chloride-1)
6219 mean_Chloride>=sqrt(MCH__Entitic_mass__by_Automated_count)*Urea_Nitrogen
6220 mean_Chloride>=(Systolic_Blood_Pressure-1)*encounters_lifetime_perc_covered
6221 mean_Chloride>=device_lifetime_length*log(High_Density_Lipoprotein_Choleste

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rol)/log(10)
6222 mean_Chloride>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*sqrt(medications_lifetime_perc_covered)
6223 mean_Chloride>=QALY^2/lifetime_condition_length
6224 mean_Chloride>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted+active_care_plan_length
6225 mean_Chloride>=2*medications_lifetime/Body_Mass_Index
6226 mean_Chloride>=MCV__Entitic_volume__by_Automated_count+Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
6227 mean_Chloride>=High_Density_Lipoprotein_Cholesterol+mean_Carbon_Dioxide+1
6228 mean_Chloride>=Chloride/active_care_plans
6229 mean_Chloride>=Chloride/active_conditions
6230 mean_Chloride>=Chloride-medications_lifetime
6231 mean_Chloride>=procedures_lifetime^2/mean_Glucose
6232 mean_Chloride>=minimum(Body_Weight,Chloride)
6233
mean_Chloride>=1/2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+age
6234 mean_Chloride>=1/Globulin__Mass_volume__in_Serum_by_calculation+Diastolic_Blood_Pressure
6235 mean_Chloride>=Chloride-Potassium-1
6236
mean_Chloride>=(immunizations_lifetime+1)*MCHC__Mass_volume__by_Automated_count
6237 mean_Chloride>=minimum(Chloride,10^imaging_studies_lifetime)
6238 mean_Chloride>=Body_Mass_Index+active_condition_length+1
6239 mean_Chloride>=ceil(MCH__Entitic_mass__by_Automated_count)-longitude
6240 mean_Chloride>=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood/QOLS
6241 mean_Chloride>=DALY+mean_High_Density_Lipoprotein_Cholesterol+1
6242 mean_Chloride>=Chloride-
Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-1
6243 mean_Chloride>=Body_Weight-procedures_lifetime_cost+1
6244 mean_Chloride>=(log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)/log(10))^Calcium
6245 mean_Chloride>=Chloride-mean_Potassium-1
6246 mean_Chloride>=Glucose+log(imaging_studies_lifetime)
6247
mean_Chloride>=-active_condition_length+mean_Low_Density_Lipoprotein_Cholesterol
6248 mean_Chloride>=-Microalbumin_Creatinine_Ratio+mean_Glucose
6249 mean_Chloride>=minimum(Chloride,mean_Body_Mass_Index)
6250 mean_Chloride>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+1
6251 mean_Chloride>=MCH__Entitic_mass__by_Automated_count+QALY
6252 mean_Chloride>=(-Creatinine)^Potassium
6253 mean_Chloride>=mean_Total_Cholesterol/active_care_plans
6254 mean_Chloride>=Protein__Mass_volume__in_Serum,Plasma*log(DALY)/log(10)
6255 mean_Chloride>=(Erythrocytes___volume__in_Blood_by_Automated_count-1)*procedures_lifetime
6256 mean_Chloride>=ceil(Creatinine)*mean_Urea_Nitrogen
6257 mean_Chloride>=sqrt(Triglycerides)+mean_Heart_rate

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6258 mean_Chloride>=-High_Density_Lipoprotein_Cholesterol+mean_Sodium
6259 mean_Chloride>=sqrt(encounters_count)+age
6260 mean_Chloride>=minimum(latitude,10^healthcare_expenses)
6261 mean_Chloride>=(Total_Cholesterol+1)/Globulin__Mass_volume__in_Serum_by_cal
    culation
6262 mean_Chloride>=Body_Mass_Index+mean_High_Density_Lipoprotein_Cholesterol-1
6263 mean_Chloride>=Urea_Nitrogen*log(healthcare_coverage)/log(10)
6264 mean_Chloride>=Chloride*log(lifetime_care_plans)/log(10)
6265 mean_Chloride>=1/2*active_care_plan_length+mean_High_Density_Lipoprotein_Ch
    olesterol
6266 mean_Chloride>=sqrt(Creatinine)*Hematocrit__Volume_Fraction__of_Blood_by_Au
    tomated_count
6267 mean_Chloride>=Body_Weight-Calcium-1
6268 mean_Chloride>=Sodium-latitude+1
6269 mean_Chloride>=Calcium^2+Bilirubin_total__Mass_volume__in_Serum,Plasma
6270 mean_Chloride>=Erythrocyte_distribution_width__Entitic_volume__by_Automated
    _count*sqrt(Erythrocytes___volume__in_Blood_by_Automated_count)
6271 mean_Chloride>=-active_condition_length+ceil(Alkaline_phosphatase__Enzymati
    c_activity_volume__in_Serum,Plasma)
6272 mean_Chloride>=1/2*Microalbumin_Creatinine_Ratio-
    immunizations_lifetime_cost
6273 mean_Creatinine<=healthcare_expenses
6274 mean_Creatinine<=sqrt(Respiratory_rate)+immunizations_lifetime_cost
6275 mean_Creatinine<=maximum(Respiratory_rate,Creatinine)
6276 mean_Creatinine<=Creatinine*active_conditions
6277 mean_Creatinine<=Creatinine+medications_lifetime
6278 mean_Creatinine<=log(Glomerular_filtration_rate_1_73_sq_M_predicted)/imagin
    g_studies_lifetime
6279 mean_Creatinine<=1/2*sqrt(mean_Total_Cholesterol)
6280 mean_Creatinine<=-Creatinine+1/2*Microalbumin_Creatinine_Ratio
6281 mean_Creatinine<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count/C
    alcium
6282 mean_Creatinine<=(encounters_count-1)/device_lifetime_length
6283 mean_Creatinine<=maximum(Glomerular_filtration_rate_1_73_sq_M_predicted,2*C
    reatinine)
6284 mean_Creatinine<=Creatinine+encounters_lifetime_payer_coverage
6285
mean_Creatinine<=maximum(DALY,Globulin__Mass_volume__in_Serum_by_calculation)
6286 mean_Creatinine<=Leukocytes___volume__in_Blood_by_Automated_count/medicati
    ons_lifetime_perc_covered
6287 mean_Creatinine<=ceil(latitude)-mean_Body_Mass_Index
6288 mean_Creatinine<=sqrt(High_Density_Lipoprotein_Cholesterol)/immunizations_l
    ifetime
6289 mean_Creatinine<=active_care_plan_length*log(Prostate_specific_Ag__Mass_vol
    ume__in_Serum,Plasma)
6290 mean_Creatinine<=(Body_Mass_Index-1)/active_care_plans
6291 mean_Creatinine<=2*Creatinine/encounters_lifetime_perc_covered
6292 mean_Creatinine<=Hemoglobin_A1c_Hemoglobin_total_in_Blood/imaging_studies_l

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ifetime
6293 mean_Creatinine<=1/2*High_Density_Lipoprotein_Cholesterol/Hemoglobin_A1c_He
moglobin_total_in_Blood
6294 mean_Creatinine<=maximum(Triglycerides,Creatinine)
6295 mean_Creatinine<=Creatinine*Potassium
6296 mean_Creatinine<=DALY+active_care_plans
6297 mean_Creatinine<=2*Glucose/mean_Estimated_Glomerular_Filtration_Rate
6298 mean_Creatinine<=active_care_plans/medications_lifetime_perc_covered
6299 mean_Creatinine<=Creatinine*log(Hemoglobin_Mass_volume__in_Blood)/log(10)
6300 mean_Creatinine<=-Urea_Nitrogen+active_care_plan_length
6301 mean_Creatinine<=-active_conditions+encounters_count+1
6302 mean_Creatinine<=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,log
(Total_score_MMSE_))
6303 mean_Creatinine<=maximum(Estimated_Glomerular_Filtration_Rate,floor(Prostat
e_specific_Ag_Mass_volume__in_Serum,Plasma))
6304 mean_Creatinine<=Platelet_distribution_width__Entitic_volume__in_Blood_by_A
utomated_count/QALY
6305 mean_Creatinine<=log(Erythrocytes___volume__in_Blood_by_Automated_count)^a
ctive_care_plans
6306 mean_Creatinine<=Body_Mass_Index^2/mean_Low_Density_Lipoprotein_Cholesterol
6307 mean_Creatinine<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/active_care_pl
an_length
6308
mean_Creatinine<=-Estimated_Glomerular_Filtration_Rate+2*medications_lifetime
6309 mean_Creatinine<=2*mean_Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported+2
6310 mean_Creatinine<=Bilirubin_total__Mass_volume__in_Serum,Plasma*Potassium^2
6311 mean_Creatinine<=(Low_Density_Lipoprotein_Cholesterol-1)/Respiratory_rate
6312 mean_Creatinine<=(Potassium-1)/medications_lifetime_perc_covered
6313 mean_Creatinine<=mean_Platelet_distribution_width__Entitic_volume__in_Blood
_by_Automated_count/mean_Diastolic_Blood_Pressure
6314 mean_Creatinine<=mean_Potassium/imaging_studies_lifetime
6315 mean_Creatinine<=Creatinine+1/2*DALY
6316 mean_Creatinine<=10^medications_active/encounters_lifetime_perc_covered
6317 mean_Creatinine<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Re
ported+Bilirubin_total__Mass_volume__in_Serum,Plasma
6318 mean_Creatinine<=(2*Chloride)^Bilirubin_total__Mass_volume__in_Serum,Plasma
6319 mean_Creatinine<=e^Creatinine+procedures_lifetime
6320 mean_Creatinine<=-active_condition_length+age+1
6321 mean_Creatinine<=e^medications_active+immunizations_lifetime_cost
6322 mean_Creatinine<=2*Glucose/Estimated_Glomerular_Filtration_Rate
6323 mean_Creatinine<=log(medications_lifetime_perc_covered)*longitude/log(10)
6324 mean_Creatinine>=longitude
6325 mean_Creatinine>=sqrt(Pain_severity___0_10_verbal_numeric_rating__Score___
Reported)-Bilirubin_total__Mass_volume__in_Serum,Plasma
6326 mean_Creatinine>=e^Pain_severity___0_10_verbal_numeric_rating__Score___Rep
orted/Estimated_Glomerular_Filtration_Rate
6327 mean_Creatinine>=healthcare_expenses^longitude

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6328 mean_Creatinine>=Creatinine/active_care_plans
6329 mean_Creatinine>=minimum(immunizations_lifetime,Creatinine)
6330 mean_Creatinine>=e^num_allergies/QALY
6331 mean_Creatinine>=Creatinine/active_conditions
6332 mean_Creatinine>=imaging_studies_lifetime/active_care_plans
6333 mean_Creatinine>=floor(Creatinine)-1
6334 mean_Creatinine>=minimum(Creatinine,log(procedures_lifetime))
6335 mean_Creatinine>=floor(QOLS)
6336 mean_Creatinine>=Albumin__Mass_volume__in_Serum,Plasma-DALY
6337 mean_Creatinine>=Creatinine-procedures_lifetime
6338 mean_Creatinine>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted/active_care_plan_length
6339 mean_Creatinine>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Carbon_Dioxide
6340 mean_Creatinine>=(latitude+1)/Estimated_Glomerular_Filtration_Rate
6341 mean_Creatinine>=minimum(Creatinine,1/2*medications_active)
6342 mean_Creatinine>=Potassium/Microalbumin_Creatinine_Ratio
6343 mean_Creatinine>=Respiratory_rate-mean_Estimated_Glomerular_Filtration_Rate+1
6344 mean_Creatinine>=log(Protein__Mass_volume__in_Serum,Plasma)/(log(10)*medications_active)
6345 mean_Creatinine>=(Glomerular_filtration_rate_1_73_sq_M_predicted+1)/mean_High_Density_Lipoprotein_Cholesterol
6346
mean_Creatinine>=sqrt(Estimated_Glomerular_Filtration_Rate)-active_conditions
6347 mean_Creatinine>=(Microalbumin_Creatinine_Ratio+1)/mean_Glucose
6348 mean_Creatinine>=Potassium*log(Creatinine)/log(10)
6349 mean_Creatinine>=Bilirubin_total__Mass_volume__in_Serum,Plasma*log(Glomerular_filtration_rate_1_73_sq_M_predicted)/log(10)
6350 mean_Creatinine>=(10^healthcare_expenses)^longitude
6351 mean_Creatinine>=minimum(Creatinine,log(latitude)/log(10))
6352 mean_Creatinine>=maximum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma,-Estimated_Glomerular_Filtration_Rate)
6353 mean_Creatinine>=active_care_plan_length+floor(longitude)
6354 mean_Creatinine>=(Pain_severity___0_10_verbal_numeric_rating__Score____Reported-1)*mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
6355 mean_Creatinine>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+log(High_Density_Lipoprotein_Cholesterol)
6356 mean_Creatinine>=Bilirubin_total__Mass_volume__in_Serum,Plasma-procedures_lifetime+1
6357 mean_Creatinine>=-Carbon_Dioxide+1/2*device_lifetime_length
6358 mean_Creatinine>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+floor(Creatinine)
6359 mean_Creatinine>=procedures_lifetime/latitude
6360 mean_Creatinine>=2*Creatinine/Hemoglobin_A1c_Hemoglobin_total_in_Blood
6361 mean_Creatinine>=minimum(encounters_lifetime_perc_covered,Creatinine)
6362 mean_Creatinine>=minimum(imaging_studies_lifetime,Creatinine)
6363 mean_Creatinine>=QOLS-immunizations_lifetime

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6364 mean_Creatinine>=sqrt(medications_lifetime_dispenses)/mean_Estimated_Glomer
ular_Filtration_Rate
6365 mean_Creatinine>=minimum(Creatinine,10^imaging_studies_lifetime)
6366 mean_Creatinine>=Albumin__Mass_volume__in_Serum,Plasma-active_care_plans-1
6367 mean_Creatinine>=1/2*Microalbumin_Creatinine_Ratio/High_Density_Lipoprotein
_Cholesterol
6368 mean_Creatinine>=1/2*medications_lifetime/mean_Total_Cholesterol
6369 mean_Creatinine>=minimum(Creatinine,e^medications_lifetime_perc_covered)
6370 mean_Creatinine>=e^Creatinine/Erythrocyte_distribution_width__Entitic_volum
e__by_Automated_count
6371 mean_Creatinine>=minimum(mean_Globulin__Mass_volume__in_Serum_by_calculatio
n,abs(Creatinine))
6372 mean_Creatinine>=log(Creatinine)/(QOLS*log(10))
6373 mean_DALY<=DALY
6374 mean_DALY>=imaging_studies_lifetime
6375 mean_DALY>=DALY
6376 mean_Diastolic_Blood_Pressure<=healthcare_expenses
6377 mean_Diastolic_Blood_Pressure<=maximum(encounters_count,Diastolic_Blood_Pre
ssure+1)
6378 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,Chloride)
6379 mean_Diastolic_Blood_Pressure<=maximum(lifetime_condition_length,Diastolic_
Blood_Pressure)
6380 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,2*encounter
s_count)
6381 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,sqrt(encoun
ters_lifetime_total_cost))
6382 mean_Diastolic_Blood_Pressure<=maximum(medications_lifetime_dispenses,Diast
olic_Blood_Pressure)
6383 mean_Diastolic_Blood_Pressure<=minimum(Triglycerides,floor(Chloride))
6384 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure/QOLS
6385 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+floor(DALY)
6386
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+1/2*Respiratory_rate
6387 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,Low_Density
_Lipoprotein_Cholesterol)
6388 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+ceil(Albumin__Mass_
volume__in_Serum,Plasma)
6389 mean_Diastolic_Blood_Pressure<=Glucose*e^encounters_lifetime_perc_covered
6390
mean_Diastolic_Blood_Pressure<=10^medications_active*Diastolic_Blood_Pressure
6391 mean_Diastolic_Blood_Pressure<=e^Calcium/active_care_plan_length
6392 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure^active_care_plans
6393 mean_Diastolic_Blood_Pressure<=Systolic_Blood_Pressure^2/Low_Density_Lipopr
otein_Cholesterol
6394
mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,mean_Glucose)
6395 mean_Diastolic_Blood_Pressure<=-Alanine_aminotransferase__Enzymatic_activit
y_volume__in_Serum,Plasma+Sodium

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6396 mean_Diastolic_Blood_Pressure<=2*active_care_plan_length+immunizations_lifetime_cost
6397 mean_Diastolic_Blood_Pressure<=Chloride+immunizations_lifetime_cost-1
6398 mean_Diastolic_Blood_Pressure<=sqrt(MCH__Entitic_mass__by_Automated_count)+
Diastolic_Blood_Pressure
6399 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+Erythrocytes___volume__in_Blood_by_Automated_count+1
6400
mean_Diastolic_Blood_Pressure<=Potassium^2+Low_Density_Lipoprotein_Cholesterol
6401 mean_Diastolic_Blood_Pressure<=Carbon_Dioxide+2*QALY
6402 mean_Diastolic_Blood_Pressure<=ceil(Estimated_Glomerular_Filtration_Rate)^2
6403 mean_Diastolic_Blood_Pressure<=2*Diastolic_Blood_Pressure-
active_condition_length
6404 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure^active_conditions
6405 mean_Diastolic_Blood_Pressure<=-DALY+Triglycerides-1
6406 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,MCV__Entitic_volume__by_Automated_count)
6407 mean_Diastolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate+ceil(Low_Density_Lipoprotein_Cholesterol)
6408 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+e^Creatinine
6409
mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,mean_Chloride)
6410 mean_Diastolic_Blood_Pressure<=-device_lifetime_length+mean_Sodium
6411 mean_Diastolic_Blood_Pressure<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/
medications_active
6412 mean_Diastolic_Blood_Pressure<=Creatinine+2*age
6413 mean_Diastolic_Blood_Pressure<=1/num_allergies+mean_Glucose
6414 mean_Diastolic_Blood_Pressure<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*lifetime_care_plan_length
6415 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,Glomerular_filtration_rate_1_73_sq_M_predicted^2)
6416 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,e^active_conditions)
6417 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,encounters_count^2)
6418 mean_Diastolic_Blood_Pressure<=ceil(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)+mean_High_Density_Lipoprotein_Cholesterol
6419 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,floor(MCV__Entitic_volume__by_Automated_count))
6420 mean_Diastolic_Blood_Pressure>=latitude
6421 mean_Diastolic_Blood_Pressure>=ceil(Low_Density_Lipoprotein_Cholesterol)-mean_Heart_rate
6422 mean_Diastolic_Blood_Pressure>=ceil(active_condition_length)
6423 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-active_conditions+1
6424
mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,-Triglycerides)
6425 mean_Diastolic_Blood_Pressure>=-healthcare_expenses
6426 mean_Diastolic_Blood_Pressure>=MCH__Entitic_mass__by_Automated_count*log(en

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counters_count)/log(10)
6427 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure/active_conditions
6428 mean_Diastolic_Blood_Pressure>=Respiratory_rate*log(Low_Density_Lipoprotein
_Cholesterol)
6429 mean_Diastolic_Blood_Pressure>=(active_care_plans+1)^2
6430 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure^QOLS
6431 mean_Diastolic_Blood_Pressure>=healthcare_expenses^longitude
6432 mean_Diastolic_Blood_Pressure>=(Hemoglobin__Mass_volume__in_Blood-1)*lifeti
me_care_plans
6433 mean_Diastolic_Blood_Pressure>=minimum(QALY,Diastolic_Blood_Pressure)
6434 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure/active_care_plans
6435 mean_Diastolic_Blood_Pressure>=sqrt(procedures_lifetime_cost)/Platelet_mean
_volume__Entitic_volume__in_Blood_by_Automated_count
6436 mean_Diastolic_Blood_Pressure>=-Calcium+Diastolic_Blood_Pressure
6437 mean_Diastolic_Blood_Pressure>=minimum(Protein__Mass_volume__in_Serum,Plasm
a,floor(Diastolic_Blood_Pressure))
6438 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-
Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
6439 mean_Diastolic_Blood_Pressure>=Body_Mass_Index+DALY
6440 mean_Diastolic_Blood_Pressure>=e^immunizations_lifetime*mean_Pain_severity_
__0_10_verbal_numeric_rating__Score___Reported
6441 mean_Diastolic_Blood_Pressure>=-Albumin__Mass_volume__in_Serum,Plasma+Diast
olic_Blood_Pressure
6442 mean_Diastolic_Blood_Pressure>=1/2*QALY+device_lifetime_length
6443 mean_Diastolic_Blood_Pressure>=(Calcium-1)/QOLS
6444 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-
encounters_lifetime_payer_coverage
6445 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,lifetime_ca
re_plans^2)
6446 mean_Diastolic_Blood_Pressure>=minimum(age,procedures_lifetime)
6447
mean_Diastolic_Blood_Pressure>=(medications_lifetime+1)/mean_Respiratory_rate
6448 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-
procedures_lifetime_cost
6449 mean_Diastolic_Blood_Pressure>=1/2*Microalbumin_Creatinine_Ratio-
healthcare_coverage
6450 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-mean_Calcium
6451 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-healthcare_coverage
6452 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,ceil(QALY))
6453 mean_Diastolic_Blood_Pressure>=Systolic_Blood_Pressure-mean_Heart_rate
6454
mean_Diastolic_Blood_Pressure>=1/2*Diastolic_Blood_Pressure+mean_Body_Mass_Index
6455 mean_Diastolic_Blood_Pressure>=-active_care_plan_length+ceil(Body_Weight)
6456 mean_Diastolic_Blood_Pressure>=(Body_Height+1)/Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood
6457 mean_Diastolic_Blood_Pressure>=maximum(Protein__Mass_volume__in_Serum,Plasm
a,Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
6458 mean_Diastolic_Blood_Pressure>=minimum(QALY,Creatinine)

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6459 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,Creatinine)
6460 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,Hemoglobin_
A1c_Hemoglobin_total_in_Blood)
6461 mean_Diastolic_Blood_Pressure>=minimum(Alkaline_phosphatase__Enzymatic_acti
vity_volume__in_Serum,Plasma,floor(Glomerular_filtration_rate_1_73_sq_M_predicte
d))
6462 mean_Diastolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
6463 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-
Globulin_Mass_volume__in_Serum_by_calculation-1
6464 mean_Diastolic_Blood_Pressure>=sqrt(Carbon_Dioxide)*Hemoglobin__Mass_volume
__in_Blood
6465 mean_Diastolic_Blood_Pressure>=Hematocrit__Volume_Fraction__of_Blood_by_Aut
omated_count+floor(device_lifetime_length)
6466 mean_Diastolic_Blood_Pressure>=-Body_Weight+floor(Sodium)
6467 mean_Diastolic_Blood_Pressure>=sqrt(encounters_lifetime_total_cost)/active_
care_plans
6468 mean_Diastolic_Blood_Pressure>=MCV__Entitic_volume__by_Automated_count-
Respiratory_rate-1
6469
mean_Diastolic_Blood_Pressure>=-mean_Body_Weight+mean_Systolic_Blood_Pressure
6470 mean_Diastolic_Blood_Pressure>=sqrt(Respiratory_rate)*Urea_Nitrogen
6471 mean_Diastolic_Blood_Pressure>=-age+e^num_allergies
6472
mean_Diastolic_Blood_Pressure>=log(device_lifetime_length)/log(10)-longitude
6473 mean_Diastolic_Blood_Pressure>=Pain_severity__0_10_verbal_numeric_rating__
Score____Reported*sqrt(encounters_count)
6474 mean_Diastolic_Blood_Pressure>=2*Body_Weight/Hemoglobin_A1c_Hemoglobin_tota
l_in_Blood
6475
mean_Diastolic_Blood_Pressure>=Carbon_Dioxide*log(medications_lifetime)/log(10)
6476 mean_Diastolic_Blood_Pressure>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*sqr
t(Microalbumin_Creatinine_Ratio)
6477 mean_Diastolic_Blood_Pressure>=-Carbon_Dioxide+Heart_rate+1
6478 mean_Estimated_Glomerular_Filtration_Rate<=healthcare_expenses
6479 mean_Estimated_Glomerular_Filtration_Rate<=maximum(Estimated_Glomerular_Fil
tration_Rate,active_care_plan_length-1)
6480 mean_Estimated_Glomerular_Filtration_Rate<=Diastolic_Blood_Pressure^2/mean_
Microalbumin_Creatinine_Ratio
6481 mean_Estimated_Glomerular_Filtration_Rate<=2*Estimated_Glomerular_Filtratio
n_Rate-mean_Calcium
6482 mean_Estimated_Glomerular_Filtration_Rate<=immunizations_lifetime+mean_Hea
rt_rate
6483
mean_Estimated_Glomerular_Filtration_Rate<=Low_Density_Lipoprotein_Cholesterol-
mean_Potassium
6484 mean_Estimated_Glomerular_Filtration_Rate<=maximum(age,Estimated_Glomerular
_Filtration_Rate)
6485

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$\text{mean_Estimated_Glomerular_Filtration_Rate} \leq (\text{mean_Triglycerides} - 1) / \text{num_allergies}$
6486 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{mean_High_Density_Lipoprotein_Cholesterol} / \text{encounters_lifetime_perc_covered}$
6487 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq (\text{Triglycerides} - 1) / \text{Creatinine}$
6488 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq 1/2 * \text{encounters_lifetime_total_cost} / \text{Microalbumin_Creatinine_Ratio}$
6489 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{ceil}(\text{DALY}) + \text{immunizations_lifetime_cost}$
6490 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq (\log(\text{Respiratory_rate}) / \log(10))^\wedge \text{latitude}$
6491 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq (1 / \text{QOLS})^\wedge \text{Respiratory_rate}$
6492 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{Sodium} / \text{Creatinine}$
6493 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq (\text{Estimated_Glomerular_Filtration_Rate} - 1) / \text{imaging_studies_lifetime}$
6494 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{Estimated_Glomerular_Filtration_Rate} + \text{mean_Potassium} + 1$
6495 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq 10^\wedge \text{Potassium} / \text{Triglycerides}$
6496 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{sqrt}(\text{Microalbumin_Creatinine_Ratio}) + \text{Estimated_Glomerular_Filtration_Rate}$
6497
 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq (\text{mean_Triglycerides} - 1) / \text{Creatinine}$
6498 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{sqrt}(\text{mean_Carbon_Dioxide})^\wedge \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}$
6499 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{Estimated_Glomerular_Filtration_Rate} + 1/2 * \text{active_conditions}$
6500 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{floor}(\text{mean_Carbon_Dioxide}) + \text{immunizations_lifetime_cost}$
6501 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{maximum}(\text{mean_Carbon_Dioxide}, 1 / \text{device_lifetime_length})$
6502 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq e^\wedge \text{Calcium} / \text{Microalbumin_Creatinine_Ratio}$
6503 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{Estimated_Glomerular_Filtration_Rate} + \log(\text{medications_lifetime})$
6504 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{Estimated_Glomerular_Filtration_Rate} + \text{Potassium} + 1$
6505 $\text{mean_Estimated_Glomerular_Filtration_Rate} \leq \text{Estimated_Glomerular_Filtration_Rate} + 2 * \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}$
6506 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{longitude}$
6507 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \log(\text{mean_Low_Density_Lipoprotein_Cholesterol}) * \text{num_allergies}$
6508 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq (\text{medications_active} - 1) * \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}$
6509 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq 2 * \text{High_Density_Lipoprotein_Cholesterol} - \text{Sodium}$
6510 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq 10^\wedge \text{immunizations_lifetime} / \text{Sodium}$
6511 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{sqrt}(\text{lifetime_care_plan_length}) - \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}$
6512 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{healthcare_expenses}^\wedge \text{longitude}$

6513 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{ceil}(\text{Body_Weight}) - \text{mean_Glucose}$
 6514 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{Estimated_Glomerular_Filtration_Rate} * \sqrt{\text{QOLS}}$
 6515 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq (2 * \text{Estimated_Glomerular_Filtration_Rate})^{\text{medications_lifetime_perc_covered}}$
 6516 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq -\text{healthcare_expenses}$
 6517 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{minimum}(\text{Carbon_Dioxide}, 1 / \text{medications_active})$
 6518 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{Estimated_Glomerular_Filtration_Rate} / \text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}$
 6519 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{Estimated_Glomerular_Filtration_Rate} - \text{mean_Calcium} - 1$
 6520 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{active_condition_length} - \text{mean_Microalbumin_Creatinine_Ratio} + 1$
 6521 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq (\text{mean_Carbon_Dioxide} - 1)^{\text{imaging_studies_lifetime}}$
 6522 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq 2 * \text{Carbon_Dioxide} / \text{mean_Creatinine}$
 6523 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq -\text{High_Density_Lipoprotein_Cholesterol} + 2 * \text{mean_Body_Mass_Index}$
 6524 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} * \sqrt{\text{device_lifetime_length}}$
 6525 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{ceil}(\text{mean_Glucose}) - \text{mean_Sodium}$
 6526 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq -\text{Microalbumin_Creatinine_Ratio} + \text{procedures_lifetime} + 1$
 6527 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{QALY} - \text{lifetime_care_plan_length}$
 6528 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq -\text{lifetime_care_plan_length} + 1 / 2 * \text{mean_Low_Density_Lipoprotein_Cholesterol}$
 6529 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{Body_Mass_Index} * \text{medications_lifetime_perc_covered}^2$
 6530 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{Creatinine} * \log(\text{mean_Respiratory_rate})$
 6531 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq (\log(\text{mean_Urea_Nitrogen}) / \log(10))^{\text{active_conditions}}$
 6532 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq (10^{\text{healthcare_expenses}})^{\text{longitude}}$
 6533 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq -\text{Microalbumin_Creatinine_Ratio} + 1 / 2 * \text{mean_Chloride}$
 6534 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \log(\text{active_care_plan_length}) / \text{QOLS}$
 6535 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \log(\text{immunizations_lifetime}) * \text{mean_Diastolic_Blood_Pressure} / \log(10)$
 6536 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}^2 - \text{procedures_lifetime_cost}$
 6537 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq (\text{Body_Mass_Index} - 1) / \text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}$
 6538 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq (\text{Body_Weight} - 1) / \text{DALY}$
 6539 $\text{mean_Estimated_Glomerular_Filtration_Rate} \geq \text{Creatinine}^2 - \text{immunizations_lifetime}$

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ime_cost
6540 mean_Estimated_Glomerular_Filtration_Rate>=-mean_Microalbumin_Creatinine_Ra
tio+1/2*mean_Sodium
6541 mean_Glucose<=healthcare_expenses
6542 mean_Glucose<=maximum(mean_Systolic_Blood_Pressure,2*Microalbumin_Creatinin
e_Ratio)
6543 mean_Glucose<=2*Estimated_Glomerular_Filtration_Rate+mean_Microalbumin_Crea
tinine_Ratio
6544 mean_Glucose<=Estimated_Glomerular_Filtration_Rate^2/num_allergies
6545 mean_Glucose<=Glucose^active_care_plans
6546 mean_Glucose<=(Glucose-1)/medications_lifetime_perc_covered
6547 mean_Glucose<=(Low_Density_Lipoprotein_Cholesterol-1)/medications_lifetime_
perc_covered
6548 mean_Glucose<=Body_Height+1
6549 mean_Glucose<=maximum(Triglycerides,Glucose)
6550 mean_Glucose<=10^Globulin__Mass_volume__in_Serum_by_calculation-
mean_Respiratory_rate
6551
mean_Glucose<=maximum(Glucose,Glomerular_filtration_rate_1_73_sq_M_predicted^2)
6552 mean_Glucose<=e^QOLS*mean_Low_Density_Lipoprotein_Cholesterol
6553 mean_Glucose<=maximum(lifetime_condition_length,Glucose)
6554 mean_Glucose<=10^procedures_lifetime+Glucose
6555 mean_Glucose<=10^healthcare_coverage+mean_Systolic_Blood_Pressure
6556 mean_Glucose<=2*Heart_rate-
Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
6557 mean_Glucose<=Glucose+encounters_lifetime_payer_coverage
6558 mean_Glucose<=lifetime_condition_length/medications_lifetime_perc_covered
6559 mean_Glucose<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma*medications_lifetime
6560
mean_Glucose<=active_care_plan_length*log(Protein__Mass_volume__in_Serum,Plasma)
6561 mean_Glucose<=Heart_rate*e^Bilirubin_total__Mass_volume__in_Serum,Plasma
6562 mean_Glucose<=maximum(Glucose,e^Leukocytes___volume__in_Blood_by_Automated
_count)
6563 mean_Glucose<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Auto
mated_count^2/mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Auto
mated_count
6564 mean_Glucose<=Sodium^2/mean_Systolic_Blood_Pressure
6565 mean_Glucose<=10^Leukocytes___volume__in_Blood_by_Automated_count/Body_Mas
s_Index
6566 mean_Glucose<=Glucose^active_conditions
6567 mean_Glucose<=Glucose+e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
6568 mean_Glucose<=Glucose+ceil(Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma)
6569 mean_Glucose<=-DALY+mean_Triglycerides
6570 mean_Glucose<=Low_Density_Lipoprotein_Cholesterol+active_care_plan_length+1
6571 mean_Glucose<=(QOLS+1)^mean_Aspartate_aminotransferase__Enzymatic_activity_
volume__in_Serum,Plasma

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6572 mean_Glucose<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*active_condition
_length
6573 mean_Glucose<=Low_Density_Lipoprotein_Cholesterol*log(Albumin__Mass_volume_
_in_Serum,Plasma)
6574 mean_Glucose<=Microalbumin_Creatinine_Ratio+mean_Chloride
6575 mean_Glucose<=Glucose+1/2*encounters_count
6576 mean_Glucose<=Glucose+e^lifetime_care_plans
6577 mean_Glucose<=floor(DALY)*mean_Estimated_Glomerular_Filtration_Rate
6578 mean_Glucose<=DALY^2+Glucose
6579 mean_Glucose<=(Estimated_Glomerular_Filtration_Rate+1)*mean_Estimated_Glome
rular_Filtration_Rate
6580 mean_Glucose<=Triglycerides^2/mean_Systolic_Blood_Pressure
6581 mean_Glucose<=-device_lifetime_length+mean_Triglycerides
6582 mean_Glucose<=2*Glucose-active_care_plan_length
6583 mean_Glucose<=maximum(Glucose,encounters_count^2)
6584 mean_Glucose<=sqrt(active_care_plan_length)*mean_Carbon_Dioxide
6585 mean_Glucose<=ceil(Protein__Mass_volume__in_Serum,Plasma)+encounters_count
6586 mean_Glucose<=1/device_lifetime_length+mean_Systolic_Blood_Pressure
6587
mean_Glucose<=Triglycerides*log(Globulin__Mass_volume__in_Serum_by_calculation)
6588 mean_Glucose<=10^medications_active+Low_Density_Lipoprotein_Cholesterol
6589 mean_Glucose<=ceil(Glucose)/QOLS
6590 mean_Glucose<=1/2*Total_Cholesterol/QOLS
6591 mean_Glucose<=10^Globulin__Mass_volume__in_Serum_by_calculation-Potassium
6592 mean_Glucose<=Glucose+1/2*MCHC__Mass_volume__by_Automated_count
6593 mean_Glucose>=latitude
6594 mean_Glucose>=active_condition_length^2/Body_Weight
6595 mean_Glucose>=minimum(Glucose,lifetime_care_plans^2)
6596 mean_Glucose>=Glucose/active_conditions
6597 mean_Glucose>=10^encounters_lifetime_perc_covered+Estimated_Glomerular_Filt
ration_Rate
6598 mean_Glucose>=healthcare_expenses^longitude
6599 mean_Glucose>=log(immunizations_lifetime)*mean_Diastolic_Blood_Pressure
6600 mean_Glucose>=minimum(Glucose,10^imaging_studies_lifetime)
6601 mean_Glucose>=-Systolic_Blood_Pressure+Triglycerides+1
6602 mean_Glucose>=active_conditions*log(lifetime_care_plan_length)
6603 mean_Glucose>=minimum(Glucose,mean_Body_Mass_Index)
6604 mean_Glucose>=floor(Glucose)-medications_lifetime
6605 mean_Glucose>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,ceil(G
lucose))
6606 mean_Glucose>=-Sodium+Total_Cholesterol+1
6607 mean_Glucose>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma+Diastolic_Blood_Pressure+1
6608 mean_Glucose>=minimum(Microalbumin_Creatinine_Ratio,age-1)
6609 mean_Glucose>=-active_condition_length+mean_Chloride
6610 mean_Glucose>=Glucose/active_care_plans
6611 mean_Glucose>=minimum(High_Density_Lipoprotein_Cholesterol,Glucose)
6612 mean_Glucose>=minimum(encounters_count,10^immunizations_lifetime)

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6613 mean_Glucose>=minimum(QALY,Glucose)
6614 mean_Glucose>=DALY+ceil(latitude)
6615 mean_Glucose>=Microalbumin_Creatinine_Ratio-lifetime_condition_length+1
6616 mean_Glucose>=1/2*DALY*mean_Creatinine
6617
mean_Glucose>=active_care_plan_length^2/High_Density_Lipoprotein_Cholesterol
6618 mean_Glucose>=-Respiratory_rate+2*device_lifetime_length
6619 mean_Glucose>=-Albumin__Mass_volume__in_Serum,Plasma+Body_Weight+1
6620 mean_Glucose>=Urea_Nitrogen*log(Protein__Mass_volume__in_Serum,Plasma)
6621
mean_Glucose>=ceil(Total_Cholesterol)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
6622 mean_Glucose>=Triglycerides-mean_Systolic_Blood_Pressure+1
6623 mean_Glucose>=ceil(Body_Weight)-mean_Estimated_Glomerular_Filtration_Rate
6624 mean_Glucose>=2*encounters_count/Leukocytes___volume__in_Blood_by_Automate
d_count
6625 mean_Glucose>=-healthcare_coverage+mean_Systolic_Blood_Pressure
6626 mean_Glucose>=Bilirubin_total__Mass_volume__in_Serum,Plasma^2*Diastolic_Blo
od_Pressure
6627 mean_Glucose>=(log(Body_Weight)/log(10))^Hemoglobin_A1c_Hemoglobin_total_in
_Blood
6628 mean_Glucose>=1/2*medications_lifetime_length/mean_Heart_rate
6629 mean_Glucose>=minimum(active_condition_length,Glucose)
6630 mean_Glucose>=minimum(Microalbumin_Creatinine_Ratio,mean_Diastolic_Blood_Pr
essure)
6631 mean_Glucose>=medications_active^2+Platelet_mean_volume__Entitic_volume__in
_Blood_by_Automated_count
6632 mean_Glucose>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+2*Ur
ea_Nitrogen
6633 mean_Glucose>=procedures_lifetime^2/mean_Chloride
6634
mean_Glucose>=log(Calcium)^Erythrocytes___volume__in_Blood_by_Automated_count
6635 mean_Glucose>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2/Creatinine
6636 mean_Glucose>=Glucose*sqrt(medications_lifetime_perc_covered)
6637 mean_Glucose>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_S
erum,Plasma,procedures_lifetime^2)
6638 mean_Glucose>=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma+medications_active
6639
mean_Glucose>=-MCV__Entitic_volume__by_Automated_count+Systolic_Blood_Pressure+1
6640 mean_Glucose>=maximum(Glomerular_filtration_rate_1_73_sq_M_predicted,Prosta
te_specific_Ag__Mass_volume__in_Serum,Plasma)
6641 mean_Glucose>=Platelets___volume__in_Blood_by_Automated_count-
mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
6642 mean_Glucose>=device_lifetime_length+floor(latitude)
6643 mean_Glucose>=minimum(latitude,10^healthcare_expenses)
6644 mean_Glucose>=1/2*Body_Height-encounters_lifetime_payer_coverage
6645 mean_Glucose>=active_condition_length^2/mean_High_Density_Lipoprotein_Chole
sterol

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6646 mean_Glucose>=1/2*Glucose/Creatinine
6647
mean_Glucose>=minimum(Low_Density_Lipoprotein_Cholesterol,1/medications_active)
6648
mean_Glucose>=High_Density_Lipoprotein_Cholesterol+log(device_lifetime_length)
6649 mean_Glucose>=1/2*encounters_lifetime_payer_coverage/mean_Systolic_Blood_Pressure
6650 mean_Glucose>=ceil(Creatinine)^mean_Pain_severity___0_10_verbal_numeric_rating_Score___Reported
6651 mean_Glucose>=minimum(Glucose,QALY+1)
6652 mean_Glucose>=2*DALY+Urea_Nitrogen
6653 mean_Heart_rate<=healthcare_expenses
6654 mean_Heart_rate<=Heart_rate+1/2*active_care_plan_length
6655 mean_Heart_rate<=Heart_rate+e^active_care_plans
6656 mean_Heart_rate<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+2*QALY
6657 mean_Heart_rate<=2*Calcium+Heart_rate
6658
mean_Heart_rate<=(2*Potassium)^Globulin__Mass_volume__in_Serum_by_calculation
6659 mean_Heart_rate<=Heart_rate^active_care_plans
6660 mean_Heart_rate<=maximum(Heart_rate,Glomerular_filtration_rate_1_73_sq_M_predicted)
6661 mean_Heart_rate<=-Hemoglobin__Mass_volume__in_Blood+ceil(Chloride)
6662 mean_Heart_rate<=Heart_rate*ceil(Creatinine)
6663 mean_Heart_rate<=maximum(medications_lifetime,Heart_rate)
6664 mean_Heart_rate<=(Heart_rate-1)/medications_lifetime_perc_covered
6665 mean_Heart_rate<=MCHC__Mass_volume__by_Automated_count^2/Respiratory_rate
6666 mean_Heart_rate<=Heart_rate+procedures_lifetime_cost
6667 mean_Heart_rate<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(Diastolic_Blood_Pressure)
6668 mean_Heart_rate<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*active_care_plan_length
6669 mean_Heart_rate<=immunizations_lifetime_cost+lifetime_care_plan_length
6670 mean_Heart_rate<=Microalbumin_Creatinine_Ratio+ceil(encounters_lifetime_payer_coverage)
6671 mean_Heart_rate<=Albumin__Mass_volume__in_Serum,Plasma^2+Low_Density_Lipoprotein_Cholesterol
6672 mean_Heart_rate<=Heart_rate^active_conditions
6673 mean_Heart_rate<=1/device_lifetime_length+mean_Glucose
6674 mean_Heart_rate<=maximum(lifetime_condition_length,Heart_rate)
6675 mean_Heart_rate<=maximum(Heart_rate,mean_Glucose)
6676 mean_Heart_rate<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+floor(lifetime_care_plan_length)
6677 mean_Heart_rate<=longitude^2/device_lifetime_length
6678 mean_Heart_rate<=maximum(Heart_rate,e^Leukocytes___volume__in_Blood_by_Automated_count)
6679 mean_Heart_rate<=Microalbumin_Creatinine_Ratio*ceil(DALY)
6680 mean_Heart_rate<=1/2*Heart_rate*Hemoglobin_A1c_Hemoglobin_total_in_Blood
6681 mean_Heart_rate<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2+mean_

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Glucose

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6682 mean_Heart_rate<=(QOLS+1)*mean_Body_Weight
6683 mean_Heart_rate<=Estimated_Glomerular_Filtration_Rate^2+1
6684 mean_Heart_rate<=-active_conditions+floor(Chloride)
6685 mean_Heart_rate<=-DALY+mean_Triglycerides
6686 mean_Heart_rate<=QALY+e^Potassium
6687 mean_Heart_rate<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Glucose+1
6688 mean_Heart_rate<=(Potassium-1)*active_condition_length
6689 mean_Heart_rate<=Protein__Mass_volume__in_Serum,Plasma*e^encounters_lifetime_perc_covered
6690
mean_Heart_rate<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2+Heart_rate
6691 mean_Heart_rate<=DALY^2+Heart_rate
6692
mean_Heart_rate<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/medications_active
6693
mean_Heart_rate<=2*High_Density_Lipoprotein_Cholesterol+procedures_lifetime_cost
6694 mean_Heart_rate<=1/2*Estimated_Glomerular_Filtration_Rate+mean_Diastolic_Blood_Pressure
6695 mean_Heart_rate>=latitude
6696 mean_Heart_rate>=Microalbumin_Creatinine_Ratio*log(immunizations_lifetime)/log(10)
6697 mean_Heart_rate>=Heart_rate^QOLS
6698 mean_Heart_rate>=minimum(Heart_rate,Creatinine)
6699 mean_Heart_rate>=minimum(active_condition_length,Heart_rate)
6700 mean_Heart_rate>=(Hemoglobin__Mass_volume__in_Blood+1)/encounters_lifetime_perc_covered
6701 mean_Heart_rate>=Protein__Mass_volume__in_Serum,Plasma^2/Low_Density_Lipoprotein_Cholesterol
6702 mean_Heart_rate>=-healthcare_expenses
6703 mean_Heart_rate>=Protein__Mass_volume__in_Serum,Plasma-medications_active
6704 mean_Heart_rate>=Heart_rate^2/Triglycerides
6705 mean_Heart_rate>=(Urea_Nitrogen-1)*Albumin__Mass_volume__in_Serum,Plasma
6706 mean_Heart_rate>=log(Chloride)*mean_Body_Mass_Index/log(10)
6707 mean_Heart_rate>=minimum(QALY,Heart_rate)
6708 mean_Heart_rate>=healthcare_expenses^longitude
6709 mean_Heart_rate>=Heart_rate/active_care_plans
6710 mean_Heart_rate>=(Body_Height+1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
6711 mean_Heart_rate>=Heart_rate-medications_lifetime-1
6712 mean_Heart_rate>=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count*log(lifetime_care_plans)
6713 mean_Heart_rate>=minimum(Heart_rate,10^imaging_studies_lifetime)
6714
mean_Heart_rate>=minimum(Heart_rate,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
6715
mean_Heart_rate>=2*Heart_rate/Globulin__Mass_volume__in_Serum_by_calculation
6716 mean_Heart_rate>=Heart_rate/active_conditions
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6717 mean_Heart_rate>=(QOLS+1)*device_lifetime_length
6718 mean_Heart_rate>=Heart_rate-
Leukocytes___volume__in_Blood_by_Automated_count
6719 mean_Heart_rate>=-Diastolic_Blood_Pressure+Systolic_Blood_Pressure
6720 mean_Heart_rate>=Heart_rate-encounters_lifetime_payer_coverage
6721 mean_Heart_rate>=DALY*log(latitude)/log(10)
6722 mean_Heart_rate>=Heart_rate-mean_Carbon_Dioxide+1
6723 mean_Heart_rate>=2*Potassium/QOLS
6724 mean_Heart_rate>=Albumin__Mass_volume__in_Serum,Plasma+floor(active_conditi
on_length)
6725 mean_Heart_rate>=(Heart_rate-1)*QOLS
6726 mean_Heart_rate>=Heart_rate-immunizations_lifetime_cost
6727 mean_Heart_rate>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,1/2*Systo
lic_Blood_Pressure)
6728 mean_Heart_rate>=Bilirubin_total__Mass_volume__in_Serum,Plasma^2*Diastolic_
Blood_Pressure
6729
mean_Heart_rate>=minimum(Heart_rate,mean_High_Density_Lipoprotein_Cholesterol)
6730 mean_Heart_rate>=sqrt(Microalbumin_Creatinine_Ratio)/QOLS
6731 mean_Heart_rate>=floor(Alanine_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma)+lifetime_conditions
6732 mean_Heart_rate>=-age+floor(Chloride)
6733 mean_Heart_rate>=(Albumin__Mass_volume__in_Serum,Plasma-1)^Globulin__Mass_v
olume__in_Serum_by_calculation
6734
mean_Heart_rate>=DALY+Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
6735 mean_Heart_rate>=sqrt(medications_lifetime_length)-mean_High_Density_Lipopr
otein_Cholesterol
6736 mean_Heart_rate>=Estimated_Glomerular_Filtration_Rate-
Microalbumin_Creatinine_Ratio
6737 mean_Heart_rate>=log(device_lifetime_length)-longitude
6738 mean_Heart_rate>=-Respiratory_rate+procedures_lifetime
6739 mean_Heart_rate>=log(Creatinine)/log(10)+mean_High_Density_Lipoprotein_Chol
esterol
6740 mean_Heart_rate>=(num_allergies+1)*Respiratory_rate
6741 mean_Heart_rate>=minimum(latitude,10^healthcare_expenses)
6742 mean_Heart_rate>=Heart_rate-healthcare_coverage
6743 mean_Heart_rate>=1/2*Body_Height-mean_Estimated_Glomerular_Filtration_Rate
6744 mean_Heart_rate>=minimum(Protein__Mass_volume__in_Serum,Plasma,floor(Heart_
rate))
6745 mean_Heart_rate>=minimum(Heart_rate,QALY+1)
6746 mean_Heart_rate>=(e^active_care_plans)^encounters_lifetime_perc_covered
6747 mean_Heart_rate>=ceil(Low_Density_Lipoprotein_Cholesterol)-mean_Diastolic_B
lood_Pressure
6748 mean_Heart_rate>=2*Low_Density_Lipoprotein_Cholesterol/Potassium
6749 mean_Heart_rate>=-Low_Density_Lipoprotein_Cholesterol+Sodium+1
6750 mean_Heart_rate>=Heart_rate*sqrt(medications_lifetime_perc_covered)
6751 mean_Heart_rate>=minimum(Heart_rate,medications_active^2)

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6752 mean_Heart_rate>=(-Pain_severity__0_10_verbal_numeric_rating__Score___Reported)^Potassium
 6753 mean_Heart_rate>=Creatinine^2+mean_Carbon_Dioxide
 6754 mean_Heart_rate>=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)/log(10)+mean_High_Density_Lipoprotein_Cholesterol
 6755 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=healthcare_expenses
 6756 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/mean_Respiratory_rate
 6757 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/DALY+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 6758 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 6759 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Leukocytes___volume__in_Blood_by_Automated_count)
 6760 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(active_conditions,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 6761 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(medications_lifetime,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 6762 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+procedures_lifetime
 6763 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+medications_lifetime_perc_covered
 6764 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=(active_care_plan_length+1)/mean_Creatinine
 6765 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^active_care_plans
 6766 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^active_conditions
 6767 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+medications_active
 6768 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Creatinine^2)
 6769 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Pain_severity__0_10_verbal_numeric_rating__Score___Reported
 6770 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,10^QOLS)
 6771 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Triglycerides,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 6772 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=-Creatinine+Glomerular_filtration_rate_1_73_sq_M_predicted
 6773 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Globulin__Mass_volume__in_Serum_by_calculation)
 6774 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Bilirubin_total__Mass_volume__in_Serum,Plasma)
 6775 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood/Creatinine
 6776 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/num_allergies)

6777 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,abs(Hemoglobin_A1c_Hemoglobin_total_in_Blood))
 6778 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/2*active_conditions)
 6779 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/device_lifetime_length)
 6780 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=(2*MCV__Entitic_volume__by_Automated_count)^QOLS
 6781 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/imaging_studies_lifetime+Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 6782 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,e^medications_active)
 6783 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=longitude
 6784 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=2*QOLS+1
 6785 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_total_in_Blood-encounters_lifetime_perc_covered
 6786 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,10^encounters_lifetime_perc_covered)
 6787 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/2*lifetime_care_plans)
 6788 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 6789 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_expenses
 6790 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+encounters_lifetime_perc_covered-1
 6791 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_total_in_Blood-immunizations_lifetime
 6792 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,10^medications_lifetime_perc_covered)
 6793 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(num_allergies,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 6794
 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=healthcare_expenses^longitude
 6795 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 6796 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=active_care_plans-healthcare_coverage
 6797 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)
 6798 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Pain_severity__0_10_verbal_numeric_rating__Score___Reported*QOLS
 6799 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_total_in_Blood-medications_active
 6800 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-Globulin__Mass_volume__in_Serum_by_calculation+active_care_plans
 6801 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=active_conditions/Leukocytes___volume__in_Blood_by_Automated_count

6802 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(2*medications_lifetime_perc
 _covered)^Albumin_Mass_volume__in_Serum,Plasma
 6803 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=log(device_lifetime_length)^
 num_allergies
 6804 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood/active_care_plans
 6805 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood-QOLS
 6806 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Pain_severity__0_10
 _verbal_numeric_rating__Score___Reported,Hemoglobin_A1c_Hemoglobin_total_in_Blo
 od)
 6807 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(10^healthcare_expenses)^lon
 gitude
 6808 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,-Triglycerides)
 6809 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,10^imaging_studies_lifetime)
 6810 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood-mean_Pain_severity__0_10_verbal_numeric_rating__Score___Reported
 6811 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Urea_Nitrogen-
 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 6812 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*QALY/Respiratory_rate
 6813 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=lifetime_conditions^2/mean_S
 ystolic_Blood_Pressure
 6814 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,mean_Pain_severity__0_10_verbal_numeric_rating__Score___R
 eported)
 6815 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Pain_severity__0_10_verbal_
 numeric_rating__Score___Reported-immunizations_lifetime_cost
 6816
 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=ceil(log(Body_Weight)/log(10))
 6817 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood/active_conditions
 6818 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-device_lifetime_length+floo
 r(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 6819 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=2*active_care_plans-
 active_conditions
 6820 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood*log(lifetime_care_plans)/log(10)
 6821 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,sqrt(procedures_lifetime))
 6822 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(DALY,immunizations_l
 ifetime^2)
 6823 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-Low_Density_Lipoprotein_Cho
 lesterol+floor(Estimated_Glomerular_Filtration_Rate)
 6824 mean_High_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 6825 mean_High_Density_Lipoprotein_Cholesterol<=sqrt(latitude)+High_Density_Lipo
 protein_Cholesterol

6826 mean_High_Density_Lipoprotein_Cholesterol<=floor(DALY)*mean_Microalbumin_Creatinine_Ratio
 6827 mean_High_Density_Lipoprotein_Cholesterol<=maximum(lifetime_condition_length,High_Density_Lipoprotein_Cholesterol)
 6828 mean_High_Density_Lipoprotein_Cholesterol<=maximum(Diastolic_Blood_Pressure,High_Density_Lipoprotein_Cholesterol)
 6829 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein_Cholesterol,lifetime_conditions^2)
 6830 mean_High_Density_Lipoprotein_Cholesterol<=(High_Density_Lipoprotein_Cholesterol-1)/medications_lifetime_perc_covered
 6831 mean_High_Density_Lipoprotein_Cholesterol<=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+2*High_Density_Lipoprotein_Cholesterol
 6832 mean_High_Density_Lipoprotein_Cholesterol<=Heart_rate+log(Respiratory_rate)
 6833 mean_High_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,High_Density_Lipoprotein_Cholesterol)
 6834 mean_High_Density_Lipoprotein_Cholesterol<=floor(mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2)
 6835 mean_High_Density_Lipoprotein_Cholesterol<=1/2*Estimated_Glomerular_Filtration_Rate+Low_Density_Lipoprotein_Cholesterol
 6836 mean_High_Density_Lipoprotein_Cholesterol<=sqrt(healthcare_expenses)/mean_Creatinine
 6837 mean_High_Density_Lipoprotein_Cholesterol<=Heart_rate+active_care_plans
 6838 mean_High_Density_Lipoprotein_Cholesterol<=e^encounters_lifetime_perc_covered*mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 6839 mean_High_Density_Lipoprotein_Cholesterol<=10^Microalbumin_Creatinine_Ratio/Sodium
 6840 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein_Cholesterol,1/imaging_studies_lifetime)
 6841 mean_High_Density_Lipoprotein_Cholesterol<=log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)/log(10)-longitude
 6842 mean_High_Density_Lipoprotein_Cholesterol<=maximum(Systolic_Blood_Pressure,High_Density_Lipoprotein_Cholesterol)
 6843 mean_High_Density_Lipoprotein_Cholesterol<=Albumin__Mass_volume__in_Serum,Plasma+floor(Low_Density_Lipoprotein_Cholesterol)
 6844 mean_High_Density_Lipoprotein_Cholesterol<=Chloride-DALY
 6845 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein_Cholesterol,1/2*lifetime_condition_length)
 6846 mean_High_Density_Lipoprotein_Cholesterol<=Systolic_Blood_Pressure^2/Triglycerides
 6847 mean_High_Density_Lipoprotein_Cholesterol<=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+floor(Chloride)
 6848 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+1/2*Respiratory_rate
 6849 mean_High_Density_Lipoprotein_Cholesterol<=Globulin__Mass_volume__in_Serum_by_calculation*floor(active_condition_length)
 6850 mean_High_Density_Lipoprotein_Cholesterol<=ceil(Body_Weight+1)
 6851 mean_High_Density_Lipoprotein_Cholesterol<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma

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6852 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+2*active_care_plans
6853 mean_High_Density_Lipoprotein_Cholesterol<=sqrt(QALY)+High_Density_Lipoprotein_Cholesterol
6854 mean_High_Density_Lipoprotein_Cholesterol<=QALY*log(Systolic_Blood_Pressure)/log(10)
6855 mean_High_Density_Lipoprotein_Cholesterol<=Body_Weight+medications_active
6856 mean_High_Density_Lipoprotein_Cholesterol<=-DALY+floor(Chloride)
6857 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein_Cholesterol,mean_Heart_rate)
6858 mean_High_Density_Lipoprotein_Cholesterol<=Urea_Nitrogen^2-Bilirubin_total_Mass_volume__in_Serum,Plasma
6859 mean_High_Density_Lipoprotein_Cholesterol<=floor(active_condition_length)*mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
6860 mean_High_Density_Lipoprotein_Cholesterol<=e^(1/2*Calcium)
6861 mean_High_Density_Lipoprotein_Cholesterol<=Systolic_Blood_Pressure^2/mean_Triglycerides
6862 mean_High_Density_Lipoprotein_Cholesterol<=sqrt(Glomerular_filtration_rate_1_73_sq_M_predicted)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
6863 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein_Cholesterol,Urea_Nitrogen^2)
6864 mean_High_Density_Lipoprotein_Cholesterol<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+High_Density_Lipoprotein_Cholesterol
6865 mean_High_Density_Lipoprotein_Cholesterol<=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted+QALY
6866 mean_High_Density_Lipoprotein_Cholesterol<=Globulin_Mass_volume__in_Serum_by_calculation^2+High_Density_Lipoprotein_Cholesterol
6867 mean_High_Density_Lipoprotein_Cholesterol>=longitude
6868 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein_Cholesterol,mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
6869 mean_High_Density_Lipoprotein_Cholesterol>=1/2*QALY+1/2
6870 mean_High_Density_Lipoprotein_Cholesterol>=Bilirubin_total_Mass_volume__in_Serum,Plasma+ceil(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
6871 mean_High_Density_Lipoprotein_Cholesterol>=log(QOLS)/log(10)+DALY
6872 mean_High_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
6873 mean_High_Density_Lipoprotein_Cholesterol>=Bilirubin_total_Mass_volume__in_Serum,Plasma+e^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
6874 mean_High_Density_Lipoprotein_Cholesterol>=Creatinine*log(encounters_lifetime_payer_coverage)
6875 mean_High_Density_Lipoprotein_Cholesterol>=minimum(active_condition_length,1/medications_lifetime_perc_covered)
6876 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol^QOLS
6877 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein_Cholesterol,Creatinine)
6878 mean_High_Density_Lipoprotein_Cholesterol>=minimum(mean_Estimated_Glomerula

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r_Filtration_Rate,mean_QALY)
6879
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
healthcare_coverage
6880 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,10^imaging_studies_lifetime)
6881 mean_High_Density_Lipoprotein_Cholesterol>=-Estimated_Glomerular_Filtration
_Rate+High_Density_Lipoprotein_Cholesterol+1
6882 mean_High_Density_Lipoprotein_Cholesterol>=-Aspartate_aminotransferase__Enz
ymatic_activity_volume__in_Serum,Plasma+active_care_plan_length+1
6883 mean_High_Density_Lipoprotein_Cholesterol>=2*Sodium/medications_lifetime
6884
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
Microalbumin_Creatinine_Ratio+1
6885 mean_High_Density_Lipoprotein_Cholesterol>=(e^QOLS)^mean_Creatinine
6886 mean_High_Density_Lipoprotein_Cholesterol>=-Glucose+1/2*lifetime_care_plan_
length
6887 mean_High_Density_Lipoprotein_Cholesterol>=2*Pain_severity___0_10_verbal_nu
meric_rating__Score___Reported*mean_Potassium
6888 mean_High_Density_Lipoprotein_Cholesterol>=(encounters_lifetime_total_cost+
1)/medications_lifetime_dispenses
6889 mean_High_Density_Lipoprotein_Cholesterol>=Diastolic_Blood_Pressure^2/Total
_Cholesterol
6890 mean_High_Density_Lipoprotein_Cholesterol>=2*High_Density_Lipoprotein_Chole
sterol/Hemoglobin_A1c_Hemoglobin_total_in_Blood
6891 mean_High_Density_Lipoprotein_Cholesterol>=1/2*Aspartate_aminotransferase__
Enzymatic_activity_volume__in_Serum,Plasma*Pain_severity___0_10_verbal_numeric_r
ating__Score___Reported
6892
mean_High_Density_Lipoprotein_Cholesterol>=lifetime_conditions*num_allergies
6893 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholest
erol*log(Potassium)/log(10)
6894
mean_High_Density_Lipoprotein_Cholesterol>=sqrt(2)*sqrt(medications_lifetime)
6895 mean_High_Density_Lipoprotein_Cholesterol>=sqrt(healthcare_coverage)/Aspart
ate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
6896 mean_High_Density_Lipoprotein_Cholesterol>=(e^Prostate_specific_Ag__Mass_vo
lume__in_Serum,Plasma)^immunizations_lifetime
6897 mean_High_Density_Lipoprotein_Cholesterol>=(lifetime_condition_length+1)/me
dications_lifetime
6898 mean_High_Density_Lipoprotein_Cholesterol>=(High_Density_Lipoprotein_Choles
terol+1)*medications_lifetime_perc_covered
6899 mean_High_Density_Lipoprotein_Cholesterol>=minimum(Protein__Mass_volume__in
_Serum,Plasma,e^Creatinine)
6900 mean_High_Density_Lipoprotein_Cholesterol>=encounters_lifetime_perc_covered
*mean_Estimated_Glomerular_Filtration_Rate
6901
mean_High_Density_Lipoprotein_Cholesterol>=(10^healthcare_expenses)^longitude

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6902

mean_High_Density_Lipoprotein_Cholesterol>=2*active_care_plans*mean_Creatinine
6903 mean_High_Density_Lipoprotein_Cholesterol>=Glomerular_filtration_rate_1_73_
sq_M_predicted-active_care_plan_length-1
6904 mean_High_Density_Lipoprotein_Cholesterol>=-Alkaline_phosphatase__Enzymatic
_activity_volume__in_Serum,Plasma+Heart_rate+1
6905 mean_High_Density_Lipoprotein_Cholesterol>=(Glomerular_filtration_rate_1_73_
sq_M_predicted+1)/mean_Creatinine
6906 mean_High_Density_Lipoprotein_Cholesterol>=active_care_plan_length*log(Crea
tinine)/log(10)
6907 mean_High_Density_Lipoprotein_Cholesterol>=floor(Carbon_Dioxide)/Creatinine
6908 mean_High_Density_Lipoprotein_Cholesterol>=2*Glomerular_filtration_rate_1_7
3_sq_M_predicted-Triglycerides
6909 mean_High_Density_Lipoprotein_Cholesterol>=-Microalbumin_Creatinine_Ratio+2
*device_lifetime_length
6910 mean_High_Density_Lipoprotein_Cholesterol>=(log(active_conditions)/log(10))
^Urea_Nitrogen
6911 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,medications_active^2)
6912 mean_High_Density_Lipoprotein_Cholesterol>=active_condition_length^2/mean_L
ow_Density_Lipoprotein_Cholesterol
6913 mean_High_Density_Lipoprotein_Cholesterol>=(DALY^2)^encounters_lifetime_per
c_covered
6914 mean_High_Density_Lipoprotein_Cholesterol>=encounters_count*log(immunizatio
ns_lifetime)/log(10)
6915 mean_High_Density_Lipoprotein_Cholesterol>=minimum(Heart_rate,1/medications
_active)
6916 mean_Low_Density_Lipoprotein_Cholesterol<=healthcare_expenses
6917 mean_Low_Density_Lipoprotein_Cholesterol<=floor(active_condition_length)+me
an_Chloride
6918 mean_Low_Density_Lipoprotein_Cholesterol<=DALY^2+Low_Density_Lipoprotein_Ch
olesterol
6919 mean_Low_Density_Lipoprotein_Cholesterol<=1/2*Glucose*mean_Hemoglobin_A1c_H
emoglobin_total_in_Blood
6920 mean_Low_Density_Lipoprotein_Cholesterol<=-Hemoglobin_A1c_Hemoglobin_total_
in_Blood+ceil(Triglycerides)
6921 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholester
ol*log(Body_Mass_Index)/log(10)
6922 mean_Low_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Choleste
rol^2/mean_Calcium
6923 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholester
ol+immunizations_lifetime_cost
6924 mean_Low_Density_Lipoprotein_Cholesterol<=(Aspartate_aminotransferase__Enzy
matic_activity_volume__in_Serum,Plasma-1)^Globulin__Mass_volume__in_Serum_by_cal
culation
6925 mean_Low_Density_Lipoprotein_Cholesterol<=10^Microalbumin_Creatinine_Ratio/
Triglycerides
6926 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(lifetime_condition_length

,Low_Density_Lipoprotein_Cholesterol)

6927 mean_Low_Density_Lipoprotein_Cholesterol<=Body_Mass_Index^2/mean_Creatinine

6928 mean_Low_Density_Lipoprotein_Cholesterol<=floor(DALY)*mean_Estimated_Glomerular_Filtration_Rate

6929 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+encounters_count-1

6930 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+Microalbumin_Creatinine_Ratio-1

6931 mean_Low_Density_Lipoprotein_Cholesterol<=2*lifetime_care_plan_length/medications_lifetime_perc_covered

6932 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol/medications_lifetime_perc_covered

6933 mean_Low_Density_Lipoprotein_Cholesterol<=10^QOLS*mean_Heart_rate

6934 mean_Low_Density_Lipoprotein_Cholesterol<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*floor(lifetime_care_plan_length)

6935 mean_Low_Density_Lipoprotein_Cholesterol<=Systolic_Blood_Pressure+1/2*lifetime_care_plan_length

6936 mean_Low_Density_Lipoprotein_Cholesterol<=10^procedures_lifetime+mean_Systolic_Blood_Pressure

6937 mean_Low_Density_Lipoprotein_Cholesterol<=sqrt(Low_Density_Lipoprotein_Cholesterol)*mean_Respiratory_rate

6938 mean_Low_Density_Lipoprotein_Cholesterol<=Chloride*log(Glomerular_filtration_rate_1_73_sq_M_predicted)/log(10)

6939 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,1/num_allergies)

6940 mean_Low_Density_Lipoprotein_Cholesterol<=-Creatinine+Triglycerides-1

6941 mean_Low_Density_Lipoprotein_Cholesterol<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Glucose

6942 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Body_Height,Low_Density_Lipoprotein_Cholesterol)

6943 mean_Low_Density_Lipoprotein_Cholesterol<=1/num_allergies+immunizations_lifetime_cost

6944 mean_Low_Density_Lipoprotein_Cholesterol<=e^Estimated_Glomerular_Filtration_Rate/mean_Glucose

6945 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,2*Diastolic_Blood_Pressure)

6946 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,1/device_lifetime_length)

6947 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,encounters_count^2)

6948 mean_Low_Density_Lipoprotein_Cholesterol<=Body_Weight+floor(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)

6949 mean_Low_Density_Lipoprotein_Cholesterol<=2*Heart_rate+Urea_Nitrogen

6950 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Sodium,mean_Microalbumin_Creatinine_Ratio)

6951 mean_Low_Density_Lipoprotein_Cholesterol<=(10^Potassium)^Creatinine

6952 mean_Low_Density_Lipoprotein_Cholesterol<=10^ceil(Globulin__Mass_volume__in_Serum_by_calculation)

6953 mean_Low_Density_Lipoprotein_Cholesterol<=2*mean_Heart_rate-1
 6954 mean_Low_Density_Lipoprotein_Cholesterol<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood^2)^active_care_plans
 6955 mean_Low_Density_Lipoprotein_Cholesterol<=Carbon_Dioxide*log(medications_lifetime_dispenses)
 6956 mean_Low_Density_Lipoprotein_Cholesterol<=2*active_care_plan_length+lifetime_condition_length
 6957 mean_Low_Density_Lipoprotein_Cholesterol<=2*Low_Density_Lipoprotein_Cholesterol*mean_Creatinine
 6958 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,e^active_conditions)
 6959 mean_Low_Density_Lipoprotein_Cholesterol<=Potassium^2*Urea_Nitrogen
 6960 mean_Low_Density_Lipoprotein_Cholesterol<=2*Sodium-Systolic_Blood_Pressure
 6961 mean_Low_Density_Lipoprotein_Cholesterol>=latitude
 6962 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol^QOLS
 6963 mean_Low_Density_Lipoprotein_Cholesterol>=-Calcium+age-1
 6964 mean_Low_Density_Lipoprotein_Cholesterol>=-Glomerular_filtration_rate_1_73_sq_M_predicted+floor(age)
 6965 mean_Low_Density_Lipoprotein_Cholesterol>=(1/2*medications_active)^Pain_severity__0_10_verbal_numeric_rating__Score___Reported
 6966 mean_Low_Density_Lipoprotein_Cholesterol>=log(procedures_lifetime_cost)/log(10)+mean_Estimated_Glomerular_Filtration_Rate
 6967 mean_Low_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
 6968 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Glucose,1/2*lifetime_care_plan_length)
 6969 mean_Low_Density_Lipoprotein_Cholesterol>=device_lifetime_length^2/Carbon_Dioxide
 6970 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_Cholesterol,mean_Body_Mass_Index)
 6971 mean_Low_Density_Lipoprotein_Cholesterol>=(Creatinine-1)*Estimated_Glomerular_Filtration_Rate
 6972 mean_Low_Density_Lipoprotein_Cholesterol>=-Carbon_Dioxide+Low_Density_Lipoprotein_Cholesterol
 6973 mean_Low_Density_Lipoprotein_Cholesterol>=floor(Total_Cholesterol)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 6974 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,abs(Low_Density_Lipoprotein_Cholesterol))
 6975 mean_Low_Density_Lipoprotein_Cholesterol>=-Albumin__Mass_volume__in_Serum,Plasma+1/2*lifetime_care_plan_length
 6976 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Microalbumin_Creatinine_Ratio,mean_Diastolic_Blood_Pressure)
 6977 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_Cholesterol,Creatinine)
 6978 mean_Low_Density_Lipoprotein_Cholesterol>=sqrt(encounters_lifetime_total_cost)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 6979 mean_Low_Density_Lipoprotein_Cholesterol>=ceil(Total_Cholesterol)-mean_Syst

olic_Blood_Pressure
 6980 mean_Low_Density_Lipoprotein_Cholesterol>=-Body_Mass_Index+mean_Glucose
 6981 mean_Low_Density_Lipoprotein_Cholesterol>=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+mean_Urea_Nitrogen
 6982 mean_Low_Density_Lipoprotein_Cholesterol>=Body_Weight*log(immunizations_lifetime)
 6983 mean_Low_Density_Lipoprotein_Cholesterol>=active_conditions/Bilirubin_total__Mass_volume__in_Serum,Plasma
 6984 mean_Low_Density_Lipoprotein_Cholesterol>=(2*Microalbumin_Creatinine_Ratio)^medications_lifetime_perc_covered
 6985 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_Cholesterol,High_Density_Lipoprotein_Cholesterol)
 6986 mean_Low_Density_Lipoprotein_Cholesterol>=QOLS*floor(Low_Density_Lipoprotein_Cholesterol)
 6987 mean_Low_Density_Lipoprotein_Cholesterol>=Systolic_Blood_Pressure-healthcare_coverage+1
 6988 mean_Low_Density_Lipoprotein_Cholesterol>=-Glomerular_filtration_rate_1_73_sq_M_predicted+Low_Density_Lipoprotein_Cholesterol
 6989 mean_Low_Density_Lipoprotein_Cholesterol>=Urea_Nitrogen*sqrt(lifetime_conditions)
 6990
 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-mean_Carbon_Dioxide-1
 6991 mean_Low_Density_Lipoprotein_Cholesterol>=Pain_severity__0_10_verbal_numeric_rating__Score____Reported^2+Glomerular_filtration_rate_1_73_sq_M_predicted
 6992 mean_Low_Density_Lipoprotein_Cholesterol>=Protein__Mass_volume__in_Serum,Plasma*log(Creatinine)
 6993 mean_Low_Density_Lipoprotein_Cholesterol>=(2*High_Density_Lipoprotein_Cholesterol)^medications_lifetime_perc_covered
 6994 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(latitude,10^healthcare_expenses)
 6995 mean_Low_Density_Lipoprotein_Cholesterol>=(log(active_conditions)/log(10))^device_lifetime_length
 6996 mean_Low_Density_Lipoprotein_Cholesterol>=floor(DALY)*num_allergies
 6997 mean_Low_Density_Lipoprotein_Cholesterol>=Heart_rate-medications_lifetime
 6998 mean_Low_Density_Lipoprotein_Cholesterol>=10^immunizations_lifetime-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 6999
 mean_Low_Density_Lipoprotein_Cholesterol>=2*Microalbumin_Creatinine_Ratio/DALY
 7000 mean_Low_Density_Lipoprotein_Cholesterol>=1/2*encounters_lifetime_payer_coverage/mean_Systolic_Blood_Pressure
 7001
 mean_Low_Density_Lipoprotein_Cholesterol>=(immunizations_lifetime^2)^Creatinine
 7002 mean_Low_Density_Lipoprotein_Cholesterol>=(Pain_severity__0_10_verbal_numeric_rating__Score____Reported-1)^Albumin__Mass_volume__in_Serum,Plasma
 7003 mean_Low_Density_Lipoprotein_Cholesterol>=1/2*medications_lifetime_length/Heart_rate
 7004 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Heart_rate,1/medicat

ions_active)
 7005 mean_Low_Density_Lipoprotein_Cholesterol>=(log(DALY)/log(10))^Calcium
 7006 mean_Microalbumin_Creatinine_Ratio<=healthcare_expenses
 7007 mean_Microalbumin_Creatinine_Ratio<=2*Microalbumin_Creatinine_Ratio/medications_lifetime_perc_covered
 7008 mean_Microalbumin_Creatinine_Ratio<=ceil(lifetime_care_plan_length)*mean_Potassium
 7009 mean_Microalbumin_Creatinine_Ratio<=2*encounters_count-mean_Calcium
 7010 mean_Microalbumin_Creatinine_Ratio<=10^Creatinine+Potassium
 7011
 mean_Microalbumin_Creatinine_Ratio<=10^immunizations_lifetime*mean_Triglycerides
 7012 mean_Microalbumin_Creatinine_Ratio<=age^2/lifetime_conditions
 7013 mean_Microalbumin_Creatinine_Ratio<=QALY^2/medications_active
 7014 mean_Microalbumin_Creatinine_Ratio<=(log(mean_Urea_Nitrogen)/log(10))^medications_lifetime
 7015 mean_Microalbumin_Creatinine_Ratio<=2*mean_Body_Weight*mean_Pain_severity__0_10_verbal_numeric_rating__Score___Reported
 7016 mean_Microalbumin_Creatinine_Ratio<=mean_Creatinine*sqrt(medications_lifetime_length)
 7017 mean_Microalbumin_Creatinine_Ratio<=DALY*e^Creatinine
 7018 mean_Microalbumin_Creatinine_Ratio<=(log(Heart_rate)/log(10))^Calcium
 7019
 mean_Microalbumin_Creatinine_Ratio<=e^procedures_lifetime+medications_lifetime
 7020 mean_Microalbumin_Creatinine_Ratio<=(Low_Density_Lipoprotein_Cholesterol+1)*mean_Creatinine
 7021 mean_Microalbumin_Creatinine_Ratio<=maximum(mean_Heart_rate,e^DALY)
 7022
 mean_Microalbumin_Creatinine_Ratio<=maximum(active_conditions,10^Creatinine)
 7023 mean_Microalbumin_Creatinine_Ratio<=Microalbumin_Creatinine_Ratio+procedures_lifetime_cost
 7024 mean_Microalbumin_Creatinine_Ratio<=maximum(mean_Triglycerides,10^active_care_plans)
 7025 mean_Microalbumin_Creatinine_Ratio<=log(Carbon_Dioxide)*mean_Sodium
 7026 mean_Microalbumin_Creatinine_Ratio<=Respiratory_rate^2+healthcare_coverage
 7027
 mean_Microalbumin_Creatinine_Ratio<=Low_Density_Lipoprotein_Cholesterol^2/DALY
 7028 mean_Microalbumin_Creatinine_Ratio<=lifetime_condition_length^2/immunizations_lifetime_cost
 7029 mean_Microalbumin_Creatinine_Ratio<=e^Calcium/Estimated_Glomerular_Filtration_Rate
 7030 mean_Microalbumin_Creatinine_Ratio<=(QOLS+1)^QALY
 7031
 mean_Microalbumin_Creatinine_Ratio<=maximum(Total_Cholesterol,1/num_allergies)
 7032 mean_Microalbumin_Creatinine_Ratio<=sqrt(mean_Creatinine)^latitude
 7033 mean_Microalbumin_Creatinine_Ratio<=2*Microalbumin_Creatinine_Ratio+mean_Chloride
 7034 mean_Microalbumin_Creatinine_Ratio<=maximum(latitude,10^Creatinine)
 7035 mean_Microalbumin_Creatinine_Ratio<=mean_Glucose*mean_Pain_severity__0_10_

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verbal_numeric_rating__Score____Reported^2
7036 mean_Microalbumin_Creatinine_Ratio<=10^immunizations_lifetime*mean_Sodium
7037
mean_Microalbumin_Creatinine_Ratio<=Carbon_Dioxide^2-lifetime_care_plan_length
7038 mean_Microalbumin_Creatinine_Ratio>=longitude
7039
mean_Microalbumin_Creatinine_Ratio>=log(procedures_lifetime)+medications_active
7040
mean_Microalbumin_Creatinine_Ratio>=minimum(DALY, Microalbumin_Creatinine_Ratio)
7041 mean_Microalbumin_Creatinine_Ratio>=(device_lifetime_length-1)/QOLS
7042 mean_Microalbumin_Creatinine_Ratio>=1/2*Calcium+QOLS
7043 mean_Microalbumin_Creatinine_Ratio>=minimum(Glucose,e^Creatinine)
7044
mean_Microalbumin_Creatinine_Ratio>=Creatinine+1/2*Microalbumin_Creatinine_Ratio
7045 mean_Microalbumin_Creatinine_Ratio>=active_condition_length-
mean_Estimated_Glomerular_Filtration_Rate+1
7046 mean_Microalbumin_Creatinine_Ratio>=healthcare_expenses^longitude
7047 mean_Microalbumin_Creatinine_Ratio>=-healthcare_expenses
7048 mean_Microalbumin_Creatinine_Ratio>=Chloride*log(num_allergies)
7049 mean_Microalbumin_Creatinine_Ratio>=1/2*mean_Chloride/DALY
7050 mean_Microalbumin_Creatinine_Ratio>=-immunizations_lifetime_cost+2*latitude
7051 mean_Microalbumin_Creatinine_Ratio>=-mean_Estimated_Glomerular_Filtration_R
ate+1/2*mean_Sodium
7052 mean_Microalbumin_Creatinine_Ratio>=Microalbumin_Creatinine_Ratio/mean_Pain
_severity___0_10_verbal_numeric_rating__Score____Reported
7053
mean_Microalbumin_Creatinine_Ratio>=-healthcare_coverage+mean_Triglycerides+1
7054 mean_Microalbumin_Creatinine_Ratio>=active_conditions*floor(Creatinine)
7055 mean_Microalbumin_Creatinine_Ratio>=ceil(Creatinine)^Pain_severity___0_10_v
erbal_numeric_rating__Score____Reported
7056 mean_Microalbumin_Creatinine_Ratio>=2*medications_lifetime-
medications_lifetime_dispenses
7057 mean_Microalbumin_Creatinine_Ratio>=-Total_Cholesterol+mean_Triglycerides+1
7058 mean_Microalbumin_Creatinine_Ratio>=(1/2*Platelet_distribution_width__Entit
ic_volume__in_Blood_by_Automated_count)^num_allergies
7059 mean_Microalbumin_Creatinine_Ratio>=-Chloride+ceil(Microalbumin_Creatinine_
Ratio)
7060 mean_Microalbumin_Creatinine_Ratio>=(e^QOLS)^mean_Hemoglobin_A1c_Hemoglobin
_total_in_Blood
7061 mean_Microalbumin_Creatinine_Ratio>=(10^healthcare_expenses)^longitude
7062
mean_Microalbumin_Creatinine_Ratio>=Triglycerides+log(device_lifetime_length)
7063 mean_Microalbumin_Creatinine_Ratio>=minimum(Microalbumin_Creatinine_Ratio,1
/medications_active)
7064 mean_Microalbumin_Creatinine_Ratio>=(2*Microalbumin_Creatinine_Ratio)^medic
ations_lifetime_perc_covered
7065 mean_Microalbumin_Creatinine_Ratio>=minimum(Heart_rate,1/Pain_severity___0_
10_verbal_numeric_rating__Score____Reported)

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7066 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{minimum}(\text{Microalbumin_Creatinine_Ratio}, 2 * \text{DALY})$
 7067 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{Microalbumin_Creatinine_Ratio} * \log(\text{Creatinine}) / \log(10)$
 7068 $\text{mean_Microalbumin_Creatinine_Ratio} \geq 1/2 * \text{Microalbumin_Creatinine_Ratio} + \text{mean_Creatinine}$
 7069 $\text{mean_Microalbumin_Creatinine_Ratio} \geq (1/2 * \text{mean_Creatinine})^{\text{Potassium}}$
 7070 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{healthcare_expenses}$
 7071 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{maximum}(\text{lifetime_care_plans}, \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported})$
 7072 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq 10^{\text{medications_lifetime}}$
 7073 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{active_conditions} + 1$
 7074 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{floor}(\text{Potassium}) + \text{imaging_studies_lifetime}$
 7075 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{floor}(\text{Leukocytes_volume_in_Blood_by_Automated_count})$
 7076 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \sqrt{\text{MCV_Entitic_volume_by_Automated_count}}^{\text{QOLS}}$
 7077 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{QOLS} + \log(\text{QALY})$
 7078 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} + \text{immunizations_lifetime_cost}$
 7079 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} + \text{procedures_lifetime_cost}$
 7080 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{active_conditions}^2$
 7081 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} + \text{mean_Creatinine}$
 7082 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{ceil}(\text{High_Density_Lipoprotein_Cholesterol}) / \text{active_conditions}$
 7083 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{maximum}(\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}, e^{\text{procedures_lifetime}})$
 7084 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{maximum}(\text{DALY}, \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported})$
 7085 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq 10^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}} * \text{Bilirubin_total_Mass_volume_in_Serum, Plasma}$
 7086 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} * e^{\text{medications_lifetime_length}}$
 7087 $\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} \leq \text{maximum}(\text{Triglycerides}, 10^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}})$

7088 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Albumin_Mass_volume__in_Serum,Plasma)
 7089 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2)
 7090 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Erythrocytes___volume__in_Blood_by_Automated_count)
 7091 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(10^mean_Creatinine)
 7092 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=sqrt(age)-active_care_plans
 7093 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(pH_of_Urine_by_Test_strip,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 7094 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,log(medications_lifetimetime))
 7095 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Creatinine+encounters_lifetime_payer_coverage
 7096 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,floor(DALY))
 7097 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Glomerular_filtration_rate_1_73_sq_M_predicted,floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood))
 7098 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(Chloride-1)/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 7099 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Potassium-immunizations_lifetime+1
 7100 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_conditions+healthcare_coverage
 7101 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Sodium/device_lifetime_length
 7102 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-Glucose+2*Heart_rate
 7103 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-active_care_plans+floor(Glomerular_filtration_rate_1_73_sq_M_predicted)
 7104 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(medications_lifetime-1)^2
 7105 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_plans+immunizations_lifetime_cost
 7106 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(medications_active,1/num_allergies)
 7107 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medications_lifetime/num_allergies
 7108 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/mean_Calcium
 7109 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medications_lifetime/device_lifetime_length
 7110 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_

care_plan_length^2/Microalbumin_Creatinine_Ratio
 7111 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=1/2*Urea_Nitrogen-imaging_studies_lifetime
 7112 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_conditions+procedures_lifetime
 7113 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=immunizations_lifetime_cost+procedures_lifetime
 7114 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-Calcium+1/2*active_condition_length
 7115 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Leukocytes___volume__in_Blood_by_Automated_count^QOLS
 7116 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Glomerular_filtration_rate_1_73_sq_M_predicted*Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 7117 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Respiratory_rate-medications_active
 7118 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=log(Carbon_Dioxide)/log(10)+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 7119 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-1)/Urea_Nitrogen
 7120 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^QOLS+Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 7121 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=log(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)/(log(10)*medications_lifetime_perc_covered)
 7122 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(log(encounters_count)/log(10))^Estimated_Glomerular_Filtration_Rate
 7123 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=sqrt(Diastolic_Blood_Pressure)-active_care_plans
 7124 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(1/medications_lifetime_perc_covered)^Erythrocytes___volume__in_Blood_by_Automated_count
 7125 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^medications_active+Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 7126 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,medications_active+1)
 7127 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Body_Mass_Index^2/Body_Height
 7128 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Estimated_Glomerular_Filtration_Rate,10^Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 7129 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)/imaging_studies_lifetime
 7130 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(MCHC__Mass_volume__by_Automated_count)/active_conditions
 7131
 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude

7132 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-health
 care_expenses
 7133 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Pai
 n_severity___0_10_verbal_numeric_rating__Score____Reported
 7134 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=log(num
 _allergies)
 7135 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-num_al
 lergies
 7136 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=medicat
 ions_active^Specific_gravity_of_Urine_by_Test_strip
 7137 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(Pa
 in_severity___0_10_verbal_numeric_rating__Score____Reported)
 7138 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Prosta
 te_specific_Ag__Mass_volume__in_Serum,Plasma+active_care_plans
 7139 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Leukoc
 ytes___volume__in_Blood_by_Automated_count+log(lifetime_care_plan_length)
 7140 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=healthc
 are_expenses^longitude
 7141 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
 (num_allergies,medications_active)
 7142 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(proced
 ures_lifetime-1)/mean_Carbon_Dioxide
 7143 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(ag
 e)-Microalbumin_Creatinine_Ratio
 7144 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Microa
 lbumin_Creatinine_Ratio+log(encounters_lifetime_payer_coverage)
 7145 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(1
 og(active_conditions)/log(10))
 7146 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
 (Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Estimated_Glomer
 ular_Filtration_Rate)
 7147 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active
 _conditions+medications_active+1
 7148 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
 (Pain_severity___0_10_verbal_numeric_rating__Score____Reported,log(Estimated_Glo
 merular_Filtration_Rate)/log(10))
 7149 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Estima
 ted_Glomerular_Filtration_Rate+active_conditions-1
 7150 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=log(Mic
 roalbumin_Creatinine_Ratio)/log(10)-healthcare_coverage
 7151 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Mic
 roalbumin_Creatinine_Ratio/Heart_rate
 7152 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported/active_care_plans
 7153 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported-healthcare_coverage
 7154 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
 (immunizations_lifetime,Pain_severity___0_10_verbal_numeric_rating__Score____Rep

orted)

7155 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Hemoglobin_A1c_H
emoglobin_total_in_Blood)

7156 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(Estimated_Glomerular_Filtration_Rate,2*QOLS)

7157 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,immunizations_lif
etime^2)

7158 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(Body_M
ass_Index-1)/mean_Estimated_Glomerular_Filtration_Rate

7159 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Heart_
rate+Protein__Mass_volume__in_Serum,Plasma+1

7160 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Alb
umin__Mass_volume__in_Serum,Plasma-immunizations_lifetime_cost

7161 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Bilirub
in_total__Mass_volume__in_Serum,Plasma*Pain_severity___0_10_verbal_numeric_ratin
g__Score____Reported

7162 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*imm
unizations_lifetime-1/2

7163 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(ac
tive_conditions)-Hemoglobin_A1c_Hemoglobin_total_in_Blood

7164 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=2/Prost
ate_specific_Ag__Mass_volume__in_Serum,Plasma

7165 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(10^hea
lthcare_expenses)^longitude

7166 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Mi
croalbumin_Creatinine_Ratio/Triglycerides

7167 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=ceil(1/
2*Pain_severity___0_10_verbal_numeric_rating__Score____Reported)

7168 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,log(Potassium))

7169 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Erythr
ocyte_distribution_width__Entitic_volume__by_Automated_count+latitude-1

7170 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-encoun
ters_count+2*medications_active

7171 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-QALY+1
/2*device_lifetime_length

7172 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Pai
n_severity___0_10_verbal_numeric_rating__Score____Reported/Creatinine

7173 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(medications_lifetime_perc_covered,-Triglycerides)

7174 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-immuni
zations_lifetime_cost+log(Potassium)

7175 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Triglycerides)

7176 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Creatinine)

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7177 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(Creati
nine-1)*Bilirubin_total__Mass_volume__in_Serum,Plasma
7178 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported*log(Hemoglobin_A1c_Hemogl
obin_total_in_Blood)/log(10)
7179 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported*floor(QOLS)
7180 mean_Potassium<=healthcare_expenses
7181 mean_Potassium<=maximum(Potassium,log(Systolic_Blood_Pressure))
7182 mean_Potassium<=maximum(Potassium,log(Triglycerides))
7183 mean_Potassium<=ceil(log(healthcare_expenses)/log(10))
7184
mean_Potassium<=minimum(Estimated_Glomerular_Filtration_Rate,log(Triglycerides))
7185 mean_Potassium<=(Body_Weight+1)/active_conditions
7186 mean_Potassium<=log(Chloride)+mean_Pain_severity___0_10_verbal_numeric_rati
ng__Score____Reported
7187 mean_Potassium<=Potassium/QOLS
7188 mean_Potassium<=maximum(Triglycerides,Potassium)
7189 mean_Potassium<=maximum(medications_lifetime,Potassium)
7190 mean_Potassium<=(log(MCH__Entitic_mass__by_Automated_count)/log(10))^Erythr
ocytes___volume__in_Blood_by_Automated_count
7191 mean_Potassium<=1/Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted+mean_Microalbumin_Creatinine_Ratio
7192 mean_Potassium<=age^2/medications_lifetime
7193 mean_Potassium<=Calcium*Creatinine
7194 mean_Potassium<=(Diastolic_Blood_Pressure+1)/Respiratory_rate
7195 mean_Potassium<=(QALY-1)/mean_Creatinine
7196 mean_Potassium<=-Urea_Nitrogen+active_care_plan_length
7197 mean_Potassium<=maximum(Potassium,1/2*Glomerular_filtration_rate_1_73_sq_M_
predicted)
7198
mean_Potassium<=maximum(DALY,Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
7199 mean_Potassium<=lifetime_condition_length/procedures_lifetime
7200 mean_Potassium<=Potassium^active_conditions
7201 mean_Potassium<=maximum(Respiratory_rate,Potassium)
7202 mean_Potassium<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma^2/Urea_Nitrogen
7203 mean_Potassium<=maximum(active_conditions,Potassium)
7204 mean_Potassium<=(Total_Cholesterol-1)/Aspartate_aminotransferase__Enzymatic
_activity_volume__in_Serum,Plasma
7205 mean_Potassium<=immunizations_lifetime+log(Systolic_Blood_Pressure)
7206 mean_Potassium<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma-medications_active-1
7207 mean_Potassium<=(age+1)/mean_Calcium
7208 mean_Potassium<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Ser
um,Plasma/mean_Creatinine
7209 mean_Potassium<=Body_Height/mean_Body_Mass_Index
7210 mean_Potassium<=(Low_Density_Lipoprotein_Cholesterol-1)/active_conditions

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7211 mean_Potassium<=(Low_Density_Lipoprotein_Cholesterol-1)/Respiratory_rate
7212 mean_Potassium<=mean_Albumin__Mass_volume__in_Serum,Plasma+1/2*medications_
active
7213 mean_Potassium<=Creatinine+encounters_count
7214 mean_Potassium<=Potassium^active_care_plans
7215
mean_Potassium<=(log(Glucose)/log(10))^Hemoglobin_A1c_Hemoglobin_total_in_Blood
7216
mean_Potassium<=sqrt(Globulin__Mass_volume__in_Serum_by_calculation)^Potassium
7217
mean_Potassium<=2*Platelets___volume__in_Blood_by_Automated_count/Heart_rate
7218 mean_Potassium<=(Leukocytes___volume__in_Blood_by_Automated_count+1)^DALY
7219 mean_Potassium<=maximum(Potassium,Leukocytes___volume__in_Blood_by_Automat
ed_count)
7220 mean_Potassium<=maximum(Potassium,1/2*encounters_count)
7221 mean_Potassium<=10^QOLS+Hemoglobin_A1c_Hemoglobin_total_in_Blood
7222 mean_Potassium<=maximum(Potassium,sqrt(Body_Mass_Index))
7223 mean_Potassium<=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean_Urea_Nit
rogen/log(10)
7224 mean_Potassium<=log(Systolic_Blood_Pressure)+procedures_lifetime
7225 mean_Potassium<=Bilirubin_total__Mass_volume__in_Serum,Plasma*sqrt(medicati
ons_lifetime_length)
7226 mean_Potassium<=sqrt(Respiratory_rate)/encounters_lifetime_perc_covered
7227 mean_Potassium<=maximum(Potassium,log(Sodium))
7228 mean_Potassium<=sqrt(Protein__Mass_volume__in_Serum,Plasma)/immunizations_l
ifetime
7229 mean_Potassium<=1/imaging_studies_lifetime+Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma
7230 mean_Potassium<=2*Sodium/device_lifetime_length
7231 mean_Potassium<=e^Potassium/mean_Calcium
7232
mean_Potassium<=(1/2*Potassium)^Globulin__Mass_volume__in_Serum_by_calculation
7233 mean_Potassium<=Globulin__Mass_volume__in_Serum_by_calculation*log(Calcium)
7234 mean_Potassium<=log(Albumin__Mass_volume__in_Serum,Plasma)*mean_Urea_Nitrog
en/log(10)
7235 mean_Potassium>=longitude
7236 mean_Potassium>=-encounters_lifetime_payer_coverage+log(age)
7237 mean_Potassium>=minimum(num_allergies,log(Chloride))
7238 mean_Potassium>=floor(Body_Height)/age
7239 mean_Potassium>=minimum(Potassium,log(QALY))
7240 mean_Potassium>=-Urea_Nitrogen+2*active_care_plans
7241 mean_Potassium>=healthcare_expenses^longitude
7242 mean_Potassium>=minimum(mean_Creatinine,log(age))
7243 mean_Potassium>=minimum(device_lifetime_length,Creatinine+1)
7244 mean_Potassium>=minimum(Potassium,e^imaging_studies_lifetime)
7245 mean_Potassium>=(10^medications_lifetime_perc_covered)^mean_Glucose__Mass_v
olume__in_Urine_by_Test_strip
7246 mean_Potassium>=sqrt(Respiratory_rate)

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7247 mean_Potassium>=minimum(Potassium,mean_Pain_severity___0_10_verbal_numeric_
rating__Score____Reported)
7248 mean_Potassium>=Potassium/active_conditions
7249 mean_Potassium>=minimum(Potassium,log(active_care_plan_length))
7250 mean_Potassium>=Creatinine^2/mean_Urea_Nitrogen
7251 mean_Potassium>=mean_Platelets___volume__in_Blood_by_Automated_count/lifet
ime_care_plan_length
7252 mean_Potassium>=(lifetime_care_plan_length+1)/Erythrocyte_distribution_widt
h__Entitic_volume__by_Automated_count
7253 mean_Potassium>=-Heart_rate+active_care_plan_length-1
7254 mean_Potassium>=Leukocytes___volume__in_Blood_by_Automated_count^2/mean_Ca
rbon_Dioxide
7255
mean_Potassium>=sqrt(device_lifetime_length)*medications_lifetime_perc_covered
7256 mean_Potassium>=(encounters_count+1)/mean_Glucose
7257 mean_Potassium>=log(Heart_rate)-procedures_lifetime
7258 mean_Potassium>=minimum(Erythrocytes___volume__in_Blood_by_Automated_count
,10^encounters_lifetime_perc_covered)
7259
mean_Potassium>=1/2*Albumin__Mass_volume__in_Serum,Plasma+immunizations_lifetime
7260 mean_Potassium>=minimum(active_care_plans,mean_Creatinine)
7261 mean_Potassium>=sqrt(Platelets___volume__in_Blood_by_Automated_count)/Eryt
hrocytes___volume__in_Blood_by_Automated_count
7262 mean_Potassium>=encounters_lifetime_perc_covered+log(DALY)
7263 mean_Potassium>=1/2*medications_lifetime/mean_Systolic_Blood_Pressure
7264 mean_Potassium>=(DALY-1)/mean_Microalbumin_Creatinine_Ratio
7265 mean_Potassium>=Heart_rate/Body_Mass_Index
7266 mean_Potassium>=2*Systolic_Blood_Pressure/Glucose
7267 mean_Potassium>=Pain_severity___0_10_verbal_numeric_rating__Score____Report
ed+immunizations_lifetime-1
7268 mean_Potassium>=Diastolic_Blood_Pressure/Alanine_aminotransferase__Enzymati
c_activity_volume__in_Serum,Plasma
7269 mean_Potassium>=minimum(Potassium,1/2*lifetime_care_plans)
7270 mean_Potassium>=Potassium/active_care_plans
7271 mean_Potassium>=minimum(procedures_lifetime,log(QALY))
7272 mean_Potassium>=Body_Weight/Alanine_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma
7273 mean_Potassium>=-active_care_plan_length+1/2*active_condition_length
7274 mean_Potassium>=2*Body_Weight/High_Density_Lipoprotein_Cholesterol
7275 mean_Potassium>=sqrt(active_condition_length)-Erythrocytes___volume__in_Bl
ood_by_Automated_count
7276 mean_Potassium>=Pain_severity___0_10_verbal_numeric_rating__Score____Report
ed*log(Creatinine)
7277 mean_Potassium>=(Calcium+1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
7278 mean_Potassium>=2/DALY
7279 mean_Potassium>=minimum(Potassium,log(active_condition_length))
7280 mean_Potassium>=sqrt(immunizations_lifetime)+Globulin__Mass_volume__in_Seru
m_by_calculation

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7281 mean_Potassium>=Creatinine-procedures_lifetime_cost+1
7282 mean_Potassium>=Carbon_Dioxide-mean_Carbon_Dioxide+1
7283 mean_Potassium>=1/2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Ser
um,Plasma-age
7284
mean_Potassium>=ceil(MCV__Entitic_volume__by_Automated_count)/Carbon_Dioxide
7285 mean_Potassium>=-QOLS+floor(Potassium)
7286 mean_Potassium>=sqrt(Urea_Nitrogen)-Pain_severity___0_10_verbal_numeric_ratin
g__Score____Reported
7287 mean_Potassium>=minimum(procedures_lifetime,sqrt(Urea_Nitrogen))
7288 mean_Potassium>=sqrt(Glomerular_filtration_rate_1_73_sq_M_predicted)-active
_conditions
7289 mean_Potassium>=log(Microalbumin_Creatinine_Ratio)^imaging_studies_lifetime
7290 mean_Potassium>=sqrt(active_condition_length)-Albumin__Mass_volume__in_Seru
m,Plasma
7291 mean_Potassium>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,sqrt(proce
dures_lifetime))
7292 mean_Potassium>=(10^healthcare_expenses)^longitude
7293
mean_Potassium>=-Microalbumin_Creatinine_Ratio+log(procedures_lifetime_cost)
7294
mean_Potassium>=log(Body_Height)^Bilirubin_total__Mass_volume__in_Serum,Plasma
7295 mean_Potassium>=sqrt(Microalbumin_Creatinine_Ratio)^encounters_lifetime_per
c_covered
7296 mean_Potassium>=e^Leukocytes____volume__in_Blood_by_Automated_count/encount
ers_lifetime_total_cost
7297 mean_QALY<=QALY
7298 mean_QALY>=QALY
7299 mean_QOLS<=active_care_plans
7300 mean_QOLS<=active_conditions
7301 mean_QOLS<=QOLS
7302 mean_QOLS>=QOLS
7303 mean_Respiratory_rate<=healthcare_expenses
7304 mean_Respiratory_rate<=Carbon_Dioxide-medications_active
7305 mean_Respiratory_rate<=Respiratory_rate*log(Hemoglobin__Mass_volume__in_Blo
od)/log(10)
7306 mean_Respiratory_rate<=Potassium^2
7307 mean_Respiratory_rate<=2*Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma
7308 mean_Respiratory_rate<=maximum(Respiratory_rate,1/2*encounters_count)
7309 mean_Respiratory_rate<=maximum(active_care_plan_length,Respiratory_rate)
7310 mean_Respiratory_rate<=Respiratory_rate^active_care_plans
7311 mean_Respiratory_rate<=ceil(Hemoglobin__Mass_volume__in_Blood)+medications_
lifetime_perc_covered
7312 mean_Respiratory_rate<=sqrt(Globulin__Mass_volume__in_Serum_by_calculation)
+Respiratory_rate
7313 mean_Respiratory_rate<=Respiratory_rate^active_conditions
7314 mean_Respiratory_rate<=floor(age)/Pain_severity___0_10_verbal_numeric_ratin

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g__Score___Reported
7315 mean_Respiratory_rate<=10^healthcare_coverage+Respiratory_rate
7316 mean_Respiratory_rate<=maximum(Respiratory_rate,2*active_conditions)
7317 mean_Respiratory_rate<=Hemoglobin__Mass_volume__in_Blood*log(Hemoglobin_A1c
_Hemoglobin_total_in_Blood)
7318 mean_Respiratory_rate<=Respiratory_rate/QOLS
7319 mean_Respiratory_rate<=maximum(encounters_count,Respiratory_rate)
7320 mean_Respiratory_rate<=maximum(active_condition_length,Respiratory_rate)
7321
mean_Respiratory_rate<=-Albumin__Mass_volume__in_Serum,Plasma+Carbon_Dioxide
7322 mean_Respiratory_rate<=Calcium*log(Alkaline_phosphatase__Enzymatic_activity
_volume__in_Serum,Plasma)/log(10)
7323 mean_Respiratory_rate<=ceil(mean_Albumin__Mass_volume__in_Serum,Plasma^2)
7324 mean_Respiratory_rate<=sqrt(Total_Cholesterol)+medications_active
7325 mean_Respiratory_rate<=maximum(Respiratory_rate,DALY^2)
7326 mean_Respiratory_rate<=maximum(medications_lifetime,Respiratory_rate)
7327 mean_Respiratory_rate<=age^2/Microalbumin_Creatinine_Ratio
7328 mean_Respiratory_rate<=maximum(Respiratory_rate,1/device_lifetime_length)
7329 mean_Respiratory_rate<=1/imaging_studies_lifetime+Respiratory_rate
7330 mean_Respiratory_rate<=maximum(Triglycerides,floor(Respiratory_rate))
7331 mean_Respiratory_rate<=maximum(Estimated_Glomerular_Filtration_Rate,floor(R
espiratory_rate))
7332 mean_Respiratory_rate<=Body_Mass_Index-lifetime_care_plans
7333 mean_Respiratory_rate<=log(Carbon_Dioxide)^Hemoglobin_A1c_Hemoglobin_total_
in_Blood
7334 mean_Respiratory_rate<=maximum(Respiratory_rate,mean_Aspartate_aminotransfe
rase__Enzymatic_activity_volume__in_Serum,Plasma)
7335 mean_Respiratory_rate<=Respiratory_rate+mean_Hemoglobin_A1c_Hemoglobin_tota
l_in_Blood
7336 mean_Respiratory_rate<=Sodium^2/medications_lifetime
7337 mean_Respiratory_rate<=-Heart_rate+Triglycerides
7338 mean_Respiratory_rate<=2*Alkaline_phosphatase__Enzymatic_activity_volume__i
n_Serum,Plasma/mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
7339 mean_Respiratory_rate<=10^immunizations_lifetime+Respiratory_rate
7340 mean_Respiratory_rate<=Estimated_Glomerular_Filtration_Rate+log(lifetime_ca
re_plan_length)
7341 mean_Respiratory_rate<=Respiratory_rate+e^Bilirubin_total__Mass_volume__in_
Serum,Plasma
7342 mean_Respiratory_rate<=2*Platelet_mean_volume__Entitic_volume__in_Blood_by_
Automated_count-active_care_plans
7343 mean_Respiratory_rate<=maximum(Respiratory_rate,Hemoglobin__Mass_volume__in_
_Blood)
7344 mean_Respiratory_rate<=-mean_Diastolic_Blood_Pressure+mean_Triglycerides
7345 mean_Respiratory_rate<=10^QOLS+Respiratory_rate
7346 mean_Respiratory_rate<=floor(mean_Potassium^2)
7347 mean_Respiratory_rate<=10^procedures_lifetime+Respiratory_rate
7348 mean_Respiratory_rate<=1/2*lifetime_care_plan_length/num_allergies
7349 mean_Respiratory_rate<=Potassium*log(QALY)

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7350 mean_Respiratory_rate<=maximum(Respiratory_rate,active_conditions^2)
7351 mean_Respiratory_rate>=longitude
7352 mean_Respiratory_rate>=ceil(sqrt(Sodium))
7353 mean_Respiratory_rate>=floor(1/2*Carbon_Dioxide)
7354
mean_Respiratory_rate>=ceil(Urea_Nitrogen)*medications_lifetime_perc_covered
7355 mean_Respiratory_rate>=1/2*e^Globulin__Mass_volume__in_Serum_by_calculation
7356 mean_Respiratory_rate>=log(healthcare_coverage)+medications_lifetime_perc_c
overed
7357 mean_Respiratory_rate>=Systolic_Blood_Pressure-
mean_Systolic_Blood_Pressure-1
7358 mean_Respiratory_rate>=ceil(Platelet_mean_volume__Entitic_volume__in_Blood_
by_Automated_count)
7359 mean_Respiratory_rate>=Respiratory_rate^QOLS
7360 mean_Respiratory_rate>=Respiratory_rate-healthcare_coverage
7361 mean_Respiratory_rate>=-healthcare_expenses
7362 mean_Respiratory_rate>=2*active_care_plans
7363 mean_Respiratory_rate>=minimum(Hemoglobin__Mass_volume__in_Blood,floor(Resp
iratory_rate))
7364 mean_Respiratory_rate>=minimum(Respiratory_rate,sqrt(Body_Height))
7365 mean_Respiratory_rate>=healthcare_expenses^longitude
7366 mean_Respiratory_rate>=Respiratory_rate-procedures_lifetime
7367 mean_Respiratory_rate>=Respiratory_rate/active_care_plans
7368 mean_Respiratory_rate>=Respiratory_rate/active_conditions
7369 mean_Respiratory_rate>=minimum(Respiratory_rate,Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood)
7370 mean_Respiratory_rate>=minimum(Respiratory_rate,Creatinine)
7371 mean_Respiratory_rate>=-Creatinine+Respiratory_rate
7372 mean_Respiratory_rate>=minimum(procedures_lifetime,Urea_Nitrogen-1)
7373 mean_Respiratory_rate>=log(medications_lifetime_length)+num_allergies
7374 mean_Respiratory_rate>=(Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported-1)*mean_Albumin__Mass_volume__in_Serum,Plasma
7375 mean_Respiratory_rate>=1/2*DALY-
Erythrocytes___volume__in_Blood_by_Automated_count
7376 mean_Respiratory_rate>=active_conditions-immunizations_lifetime_cost
7377 mean_Respiratory_rate>=(DALY+1)/active_care_plans
7378 mean_Respiratory_rate>=Bilirubin_total__Mass_volume__in_Serum,Plasma+active
_conditions
7379 mean_Respiratory_rate>=-active_care_plans+lifetime_conditions
7380 mean_Respiratory_rate>=Respiratory_rate-encounters_lifetime_payer_coverage
7381 mean_Respiratory_rate>=minimum(Respiratory_rate,1/2*device_lifetime_length)
7382 mean_Respiratory_rate>=active_care_plans*imaging_studies_lifetime
7383 mean_Respiratory_rate>=minimum(encounters_count,2*lifetime_care_plans)
7384 mean_Respiratory_rate>=immunizations_lifetime^2-1
7385 mean_Respiratory_rate>=Globulin__Mass_volume__in_Serum_by_calculation/encou
nters_lifetime_perc_covered
7386 mean_Respiratory_rate>=(medications_lifetime+1)/Diastolic_Blood_Pressure
7387 mean_Respiratory_rate>=floor(age)/Microalbumin_Creatinine_Ratio

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7388 mean_Respiratory_rate>=minimum(Respiratory_rate,-Triglycerides)
7389 mean_Respiratory_rate>=Pain_severity___0_10_verbal_numeric_rating__Score___
_Reported+medications_active
7390 mean_Respiratory_rate>=floor(sqrt(Systolic_Blood_Pressure))
7391
mean_Respiratory_rate>=2*Protein__Mass_volume__in_Serum,Plasma/Respiratory_rate
7392 mean_Respiratory_rate>=Urea_Nitrogen*log(Potassium)/log(10)
7393 mean_Respiratory_rate>=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume
__in_Serum,Plasma)+Globulin__Mass_volume__in_Serum_by_calculation
7394 mean_Respiratory_rate>=minimum(Glomerular_filtration_rate_1_73_sq_M_predict
ed,lifetime_conditions-1)
7395 mean_Respiratory_rate>=minimum(lifetime_conditions,sqrt(Systolic_Blood_Pres
sure))
7396 mean_Respiratory_rate>=2*active_care_plan_length-mean_Sodium
7397 mean_Respiratory_rate>=2*floor(Creatinine)
7398 mean_Respiratory_rate>=(10^healthcare_expenses)^longitude
7399 mean_Respiratory_rate>=(active_care_plans-1)*mean_Pain_severity___0_10_verb
al_numeric_rating__Score____Reported
7400
mean_Respiratory_rate>=Albumin__Mass_volume__in_Serum,Plasma+1/2*Urea_Nitrogen
7401 mean_Respiratory_rate>=2*lifetime_conditions-medications_lifetime
7402 mean_Respiratory_rate>=(Body_Weight+1)/Urea_Nitrogen
7403 mean_Respiratory_rate>=e^Pain_severity___0_10_verbal_numeric_rating__Score_
__Reported/mean_Potassium
7404 mean_Respiratory_rate>=log(Globulin__Mass_volume__in_Serum_by_calculation)/
log(10)+active_conditions
7405 mean_Sodium<=healthcare_expenses
7406 mean_Sodium<=Sodium+floor(Potassium)
7407
mean_Sodium<=Systolic_Blood_Pressure*log(Albumin__Mass_volume__in_Serum,Plasma)
7408 mean_Sodium<=Sodium+encounters_lifetime_payer_coverage
7409 mean_Sodium<=maximum(Sodium,10^medications_lifetime)
7410 mean_Sodium<=maximum(Sodium,2*lifetime_condition_length)
7411 mean_Sodium<=2*Diastolic_Blood_Pressure-1
7412 mean_Sodium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Sodium
7413 mean_Sodium<=Respiratory_rate^2-1
7414 mean_Sodium<=maximum(Sodium,encounters_count^2)
7415 mean_Sodium<=Chloride+latitude-1
7416 mean_Sodium<=Sodium+log(Platelet_mean_volume__Entitic_volume__in_Blood_by_A
utomated_count)
7417 mean_Sodium<=maximum(encounters_lifetime_payer_coverage,immunizations_lifet
ime_cost)
7418 mean_Sodium<=QALY*log(lifetime_condition_length)
7419 mean_Sodium<=Sodium^active_care_plans
7420
mean_Sodium<=maximum(Sodium,Glomerular_filtration_rate_1_73_sq_M_predicted^2)
7421 mean_Sodium<=Calcium^2-longitude
7422 mean_Sodium<=(procedures_lifetime_cost-1)/Prostate_specific_Ag__Mass_volume

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__in_Serum,Plasma
7423 mean_Sodium<=Sodium^active_conditions
7424 mean_Sodium<=log(Estimated_Glomerular_Filtration_Rate)*medications_lifetime
7425 mean_Sodium<=Glucose+Protein__Mass_volume__in_Serum,Plasma+1
7426 mean_Sodium<=maximum(immunizations_lifetime_cost,1/2*medications_lifetime_d
ispenses)
7427 mean_Sodium<=Sodium/QOLS
7428 mean_Sodium<=maximum(Total_Cholesterol,abs(Sodium))
7429 mean_Sodium<=maximum(Body_Height,Sodium)
7430 mean_Sodium<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Seru
m,Plasma^Globulin__Mass_volume__in_Serum_by_calculation
7431
mean_Sodium<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+floor(Sodium)
7432 mean_Sodium<=maximum(Sodium,1/2*Platelet_distribution_width__Entitic_volume
__in_Blood_by_Automated_count)
7433 mean_Sodium<=maximum(immunizations_lifetime_cost,1/num_allergies)
7434 mean_Sodium<=Respiratory_rate^2-Pain_severity__0_10_verbal_numeric_rating_
_Score___Reported
7435 mean_Sodium<=floor(Glucose)+mean_Diastolic_Blood_Pressure
7436 mean_Sodium<=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Pl
asma+age
7437 mean_Sodium<=1/2*Leukocytes___volume__in_Blood_by_Automated_count+Sodium
7438 mean_Sodium<=maximum(immunizations_lifetime_cost,2*Body_Weight)
7439 mean_Sodium<=Body_Weight*log(Sodium)/log(10)
7440 mean_Sodium<=maximum(Sodium,2*Glucose)
7441 mean_Sodium<=Albumin__Mass_volume__in_Serum,Plasma+Sodium-1
7442 mean_Sodium<=maximum(Sodium,sqrt(medications_lifetime_cost))
7443 mean_Sodium<=Sodium+medications_active+1
7444 mean_Sodium<=Sodium+log(QALY)
7445 mean_Sodium<=1/2*Calcium*mean_High_Density_Lipoprotein_Cholesterol
7446 mean_Sodium<=sqrt(Urea_Nitrogen)+Sodium
7447 mean_Sodium<=Body_Weight*log(Urea_Nitrogen)
7448 mean_Sodium<=Diastolic_Blood_Pressure+mean_Heart_rate+1
7449 mean_Sodium<=2*Diastolic_Blood_Pressure-immunizations_lifetime
7450 mean_Sodium<=2*Diastolic_Blood_Pressure-
Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
7451 mean_Sodium<=(10^Creatinine)^mean_Albumin__Mass_volume__in_Serum,Plasma
7452 mean_Sodium<=maximum(immunizations_lifetime_cost,Aspartate_aminotransferase
__Enzymatic_activity_volume__in_Serum,Plasma^2)
7453 mean_Sodium>=latitude
7454 mean_Sodium>=-Potassium+Sodium
7455 mean_Sodium>=1/4*immunizations_lifetime_cost
7456 mean_Sodium>=-Globulin__Mass_volume__in_Serum_by_calculation+floor(Sodium)
7457 mean_Sodium>=active_care_plan_length*log(medications_active)
7458 mean_Sodium>=healthcare_expenses^longitude
7459 mean_Sodium>=device_lifetime_length+mean_Diastolic_Blood_Pressure
7460 mean_Sodium>=minimum(Sodium,mean_Body_Mass_Index)
7461 mean_Sodium>=Heart_rate+1/2*age

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7462 mean_Sodium>=minimum(Sodium,1/2*lifetime_care_plan_length)
7463 mean_Sodium>=log(active_conditions)^mean_Potassium
7464 mean_Sodium>=Sodium/active_conditions
7465 mean_Sodium>=(MCHC__Mass_volume__by_Automated_count^2)^encounters_lifetime_
perc_covered
7466 mean_Sodium>=Respiratory_rate/QOLS
7467 mean_Sodium>=active_care_plans+e^Albumin__Mass_volume__in_Serum,Plasma
7468 mean_Sodium>=(medications_lifetime_dispenses+1)/Body_Mass_Index
7469 mean_Sodium>=ceil(Sodium)-mean_Potassium
7470 mean_Sodium>=1/2*Total_Cholesterol+mean_Urea_Nitrogen
7471 mean_Sodium>=ceil(active_care_plan_length)+procedures_lifetime
7472 mean_Sodium>=Sodium-medications_lifetime
7473 mean_Sodium>=Systolic_Blood_Pressure-latitude+1
7474 mean_Sodium>=Sodium/active_care_plans
7475 mean_Sodium>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum
,Plasma+Systolic_Blood_Pressure+1
7476 mean_Sodium>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,Sodium-1)
7477 mean_Sodium>=Glomerular_filtration_rate_1_73_sq_M_predicted+ceil(Alanine_am
inotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
7478 mean_Sodium>=1/2*Diastolic_Blood_Pressure+QALY
7479 mean_Sodium>=Body_Height-mean_High_Density_Lipoprotein_Cholesterol-1
7480 mean_Sodium>=Body_Height-
Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+1
7481 mean_Sodium>=maximum(Low_Density_Lipoprotein_Cholesterol,Prostate_specific_
Ag__Mass_volume__in_Serum,Plasma)
7482 mean_Sodium>=Sodium-procedures_lifetime_cost
7483 mean_Sodium>=sqrt(Glomerular_filtration_rate_1_73_sq_M_predicted)*Respirato
ry_rate
7484 mean_Sodium>=Carbon_Dioxide+floor(Chloride)
7485 mean_Sodium>=2*active_care_plan_length-mean_Respiratory_rate
7486 mean_Sodium>=-Carbon_Dioxide+2*QALY
7487 mean_Sodium>=MCH__Entitic_mass__by_Automated_count*mean_Creatinine
7488 mean_Sodium>=minimum(latitude,10^healthcare_expenses)
7489 mean_Sodium>=minimum(Sodium,10^imaging_studies_lifetime)
7490 mean_Sodium>=num_allergies*sqrt(procedures_lifetime_cost)
7491 mean_Sodium>=Sodium*log(lifetime_care_plans)/log(10)
7492 mean_Sodium>=minimum(Sodium,2*active_condition_length)
7493 mean_Sodium>=log(active_condition_length)*mean_High_Density_Lipoprotein_Cho
lesterol/log(10)
7494 mean_Sodium>=sqrt(lifetime_condition_length)*mean_Creatinine
7495 mean_Sodium>=DALY^2/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
7496 mean_Sodium>=(encounters_lifetime_perc_covered+1)*Glomerular_filtration_rat
e_1_73_sq_M_predicted
7497 mean_Sodium>=-Albumin__Mass_volume__in_Serum,Plasma+ceil(Sodium)
7498 mean_Sodium>=floor(immunizations_lifetime_cost)-healthcare_coverage
7499 mean_Sodium>=1/2*medications_lifetime/lifetime_care_plans
7500 mean_Sodium>=active_conditions*log(medications_lifetime)
7501 mean_Sodium>=sqrt(medications_lifetime_cost)/medications_lifetime

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7502 mean_Sodium>=Chloride+floor(Carbon_Dioxide)
7503 mean_Sodium>=sqrt(High_Density_Lipoprotein_Cholesterol)*Respiratory_rate
7504 mean_Sodium>=active_condition_length*log(Protein__Mass_volume__in_Serum,Pla
sma)/log(10)
7505 mean_Sodium>=lifetime_care_plan_length*log(Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma)/log(10)
7506 mean_Sodium>=sqrt(Body_Height)*Calcium
7507 mean_Sodium>=1/2*Triglycerides+mean_Potassium
7508 mean_Sodium>=minimum(Microalbumin_Creatinine_Ratio,2*High_Density_Lipoprote
in_Cholesterol)
7509 mean_Sodium>=2*Erythrocyte_distribution_width__Entitic_volume__by_Automated
_count+Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
7510 mean_Systolic_Blood_Pressure<=healthcare_expenses
7511 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+e^active_care_plans
7512
mean_Systolic_Blood_Pressure<=1/2*Total_Cholesterol+lifetime_care_plan_length
7513 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure^active_conditions
7514 mean_Systolic_Blood_Pressure<=maximum(lifetime_condition_length,Systolic_Bl
ood_Pressure)
7515 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure/QOLS
7516 mean_Systolic_Blood_Pressure<=Erythrocytes___volume__in_Blood_by_Automated
_count+Systolic_Blood_Pressure-1
7517
mean_Systolic_Blood_Pressure<=sqrt(medications_lifetime)+Systolic_Blood_Pressure
7518 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+healthcare_coverage
7519 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure^active_care_plans
7520 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,2*medications
_lifetime)
7521 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+floor(Carbon_Dioxide)
7522
mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,Urea_Nitrogen^2)
7523 mean_Systolic_Blood_Pressure<=-Potassium+Total_Cholesterol-1
7524 mean_Systolic_Blood_Pressure<=10^active_care_plans+Estimated_Glomerular_Fil
tration_Rate
7525 mean_Systolic_Blood_Pressure<=Potassium^2+Systolic_Blood_Pressure
7526
mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+procedures_lifetime_cost
7527 mean_Systolic_Blood_Pressure<=log(Alkaline_phosphatase__Enzymatic_activity_
volume__in_Serum,Plasma)*mean_High_Density_Lipoprotein_Cholesterol
7528 mean_Systolic_Blood_Pressure<=Diastolic_Blood_Pressure*log(age)/log(10)
7529 mean_Systolic_Blood_Pressure<=healthcare_coverage+mean_Glucose
7530 mean_Systolic_Blood_Pressure<=2*Globulin__Mass_volume__in_Serum_by_calculat
ion+Systolic_Blood_Pressure
7531 mean_Systolic_Blood_Pressure<=sqrt(Albumin__Mass_volume__in_Serum,Plasma)*L
ow_Density_Lipoprotein_Cholesterol
7532 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+floor(Microalbumin_Cr
eatinine_Ratio)
7533 mean_Systolic_Blood_Pressure<=Prostate_specific_Ag__Mass_volume__in_Serum,P

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lasma^2*mean_Diastolic_Blood_Pressure
7534 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,Respiratory_r
ate^2)
7535
mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,1/num_allergies)
7536 mean_Systolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate*sqrt(Tot
al_Cholesterol)
7537 mean_Systolic_Blood_Pressure<=10^Leukocytes____volume__in_Blood_by_Automate
d_count/mean_Carbon_Dioxide
7538 mean_Systolic_Blood_Pressure<=2*DALY+Systolic_Blood_Pressure
7539 mean_Systolic_Blood_Pressure<=Heart_rate+e^Erythrocytes____volume__in_Blood
_by_Automated_count
7540 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,medications_l
ifetime^2)
7541 mean_Systolic_Blood_Pressure<=Heart_rate^2/Aspartate_aminotransferase__Enzy
matic_activity_volume__in_Serum,Plasma
7542 mean_Systolic_Blood_Pressure<=active_condition_length^2/mean_Potassium
7543 mean_Systolic_Blood_Pressure<=Triglycerides^2/Heart_rate
7544 mean_Systolic_Blood_Pressure<=lifetime_care_plan_length*log(Estimated_Glome
rular_Filtration_Rate)
7545
mean_Systolic_Blood_Pressure<=log(Microalbumin_Creatinine_Ratio)*mean_Heart_rate
7546 mean_Systolic_Blood_Pressure<=active_care_plan_length^2/Platelet_mean_volum
e__Entitic_volume__in_Blood_by_Automated_count
7547 mean_Systolic_Blood_Pressure<=sqrt(lifetime_condition_length)+Systolic_Bloo
d_Pressure
7548 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,e^active_cond
itions)
7549
mean_Systolic_Blood_Pressure<=Diastolic_Blood_Pressure*log(Heart_rate)/log(10)
7550 mean_Systolic_Blood_Pressure<=QALY^2-lifetime_condition_length
7551 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,encounters_co
unt^2)
7552 mean_Systolic_Blood_Pressure<=Platelet_distribution_width__Entitic_volume__
in_Blood_by_Automated_count*sqrt(encounters_lifetime_perc_covered)
7553 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,10^medication
s_lifetime)
7554 mean_Systolic_Blood_Pressure<=-Heart_rate+2*Systolic_Blood_Pressure
7555 mean_Systolic_Blood_Pressure>=latitude
7556 mean_Systolic_Blood_Pressure>=Heart_rate+Respiratory_rate
7557 mean_Systolic_Blood_Pressure>=(Aspartate_aminotransferase__Enzymatic_activi
ty_volume__in_Serum,Plasma-1)*Pain_severity__0_10_verbal_numeric_rating__Score_
__Reported
7558 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,High_Density_
Lipoprotein_Cholesterol)
7559 mean_Systolic_Blood_Pressure>=1/2*Systolic_Blood_Pressure/Creatinine
7560 mean_Systolic_Blood_Pressure>=2*Aspartate_aminotransferase__Enzymatic_activ
ity_volume__in_Serum,Plasma+latitude

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7561 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 7562 mean_Systolic_Blood_Pressure>=Body_Height-Low_Density_Lipoprotein_Cholesterol+1
 7563 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure/active_care_plans
 7564 mean_Systolic_Blood_Pressure>=-healthcare_expenses
 7565 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,Chloride)
 7566 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-mean_Respiratory_rate-1
 7567 mean_Systolic_Blood_Pressure>=floor(Body_Weight)
 7568 mean_Systolic_Blood_Pressure>=sqrt(immunizations_lifetime_cost)/QOLS
 7569 mean_Systolic_Blood_Pressure>=Chloride+log(Estimated_Glomerular_Filtration_Rate)
 7570 mean_Systolic_Blood_Pressure>=log(MCHC__Mass_volume__by_Automated_count)*procedures_lifetime
 7571 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure^2/Total_Cholesterol
 7572 mean_Systolic_Blood_Pressure>=2*device_lifetime_length-2
 7573 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure/active_conditions
 7574 mean_Systolic_Blood_Pressure>=healthcare_expenses^longitude
 7575 mean_Systolic_Blood_Pressure>=-Leukocytes____volume__in_Blood_by_Automated_count+Systolic_Blood_Pressure+1
 7576 mean_Systolic_Blood_Pressure>=floor(latitude)*imaging_studies_lifetime
 7577 mean_Systolic_Blood_Pressure>=(log(Systolic_Blood_Pressure)/log(10))^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 7578 mean_Systolic_Blood_Pressure>=log(Estimated_Glomerular_Filtration_Rate)+mean_Chloride
 7579 mean_Systolic_Blood_Pressure>=2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count*active_care_plans
 7580 mean_Systolic_Blood_Pressure>=1/2*encounters_lifetime_payer_coverage/mean_Glucose
 7581 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure^QOLS
 7582 mean_Systolic_Blood_Pressure>=sqrt(lifetime_condition_length)+Estimated_Glomerular_Filtration_Rate
 7583 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-medications_lifetime
 7584 mean_Systolic_Blood_Pressure>=(medications_lifetime+1)/mean_Calcium
 7585 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,Creatinine)
 7586 mean_Systolic_Blood_Pressure>=(log(DALY)/log(10))^Calcium
 7587 mean_Systolic_Blood_Pressure>=Body_Weight+log(High_Density_Lipoprotein_Cholesterol)
 7588 mean_Systolic_Blood_Pressure>=Globulin__Mass_volume__in_Serum_by_calculation^Pain_severity__0_10_verbal_numeric_rating__Score____Reported
 7589 mean_Systolic_Blood_Pressure>=Protein__Mass_volume__in_Serum,Plasma+2*Urea_Nitrogen
 7590 mean_Systolic_Blood_Pressure>=log(e^Triglycerides)/log(10)
 7591 mean_Systolic_Blood_Pressure>=-QALY+Sodium+1
 7592 mean_Systolic_Blood_Pressure>=1/2*QALY*num_allergies
 7593 mean_Systolic_Blood_Pressure>=Microalbumin_Creatinine_Ratio^2/medications_lifetime_dispenses

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7594 mean_Systolic_Blood_Pressure>=1/2*medications_lifetime/mean_Potassium
7595 mean_Systolic_Blood_Pressure>=Low_Density_Lipoprotein_Cholesterol*log(medic
ations_active)/log(10)
7596 mean_Systolic_Blood_Pressure>=e^Potassium-
mean_Glomerular_filtration_rate_1_73_sq_M_predicted
7597 mean_Systolic_Blood_Pressure>=log(Urea_Nitrogen)*mean_Heart_rate/log(10)
7598 mean_Systolic_Blood_Pressure>=lifetime_conditions^2/mean_Hemoglobin_A1c_Hem
oglobin_total_in_Blood
7599 mean_Systolic_Blood_Pressure>=Erythrocyte_distribution_width__Entitic_volum
e__by_Automated_count+active_condition_length+1
7600 mean_Systolic_Blood_Pressure>=minimum(mean_Glucose,e^active_care_plans)
7601 mean_Systolic_Blood_Pressure>=Platelet_mean_volume__Entitic_volume__in_Bloo
d_by_Automated_count^2-mean_Carbon_Dioxide
7602 mean_Systolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
7603 mean_Systolic_Blood_Pressure>=Albumin__Mass_volume__in_Serum,Plasma*active_
care_plans^2
7604 mean_Systolic_Blood_Pressure>=Heart_rate+Urea_Nitrogen+1
7605 mean_Systolic_Blood_Pressure>=2*lifetime_conditions+mean_Diastolic_Blood_Pr
essure
7606 mean_Total_Cholesterol<=healthcare_expenses
7607 mean_Total_Cholesterol<=sqrt(Chloride)+Total_Cholesterol
7608 mean_Total_Cholesterol<=Total_Cholesterol+immunizations_lifetime_cost
7609 mean_Total_Cholesterol<=active_care_plans*mean_Chloride
7610 mean_Total_Cholesterol<=maximum(Total_Cholesterol,Microalbumin_Creatinine_R
atio^2)
7611 mean_Total_Cholesterol<=Bilirubin_total__Mass_volume__in_Serum,Plasma*lifet
ime_care_plan_length^2
7612
mean_Total_Cholesterol<=(Glucose-1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
7613 mean_Total_Cholesterol<=Body_Height+mean_Heart_rate
7614 mean_Total_Cholesterol<=Total_Cholesterol/QOLS
7615 mean_Total_Cholesterol<=2*Chloride+healthcare_coverage
7616 mean_Total_Cholesterol<=age*log(Body_Height)
7617 mean_Total_Cholesterol<=Total_Cholesterol+mean_Urea_Nitrogen-1
7618 mean_Total_Cholesterol<=maximum(Total_Cholesterol,1/device_lifetime_length)
7619 mean_Total_Cholesterol<=age^2/active_conditions
7620 mean_Total_Cholesterol<=lifetime_care_plan_length*log(medications_lifetime_
dispenses)
7621 mean_Total_Cholesterol<=maximum(medications_lifetime_dispenses,Total_Choles
terol)
7622 mean_Total_Cholesterol<=(Chloride-1)*Globulin__Mass_volume__in_Serum_by_cal
culation
7623 mean_Total_Cholesterol<=Globulin__Mass_volume__in_Serum_by_calculation^2+To
tal_Cholesterol
7624 mean_Total_Cholesterol<=DALY^2+Total_Cholesterol
7625 mean_Total_Cholesterol<=maximum(Total_Cholesterol,1/2*medications_lifetime_
dispenses)
7626

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mean_Total_Cholesterol<=1/2*latitude*mean_Estimated_Glomerular_Filtration_Rate
7627 mean_Total_Cholesterol<=log(Carbon_Dioxide)*mean_Heart_rate
7628 mean_Total_Cholesterol<=active_conditions+ceil(Total_Cholesterol)
7629 mean_Total_Cholesterol<=Aspartate_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma*mean_Carbon_Dioxide
7630 mean_Total_Cholesterol<=Systolic_Blood_Pressure+mean_Low_Density_Lipoprotei
n_Cholesterol-1
7631 mean_Total_Cholesterol<=Potassium*Urea_Nitrogen^2
7632 mean_Total_Cholesterol<=Heart_rate+mean_Triglycerides-1
7633 mean_Total_Cholesterol<=Glucose*sqrt(Urea_Nitrogen)
7634 mean_Total_Cholesterol<=(active_care_plan_length-1)*mean_Urea_Nitrogen
7635 mean_Total_Cholesterol<=Body_Height+2*active_care_plan_length
7636 mean_Total_Cholesterol<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*lifetime
_care_plan_length
7637
mean_Total_Cholesterol<=maximum(Total_Cholesterol,2*lifetime_condition_length)
7638 mean_Total_Cholesterol<=10^Globulin__Mass_volume__in_Serum_by_calculation+m
ean_Glucose
7639 mean_Total_Cholesterol<=10^QOLS*Sodium
7640 mean_Total_Cholesterol<=Sodium^2/Estimated_Glomerular_Filtration_Rate
7641 mean_Total_Cholesterol<=Aspartate_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma^2*Globulin__Mass_volume__in_Serum_by_calculation
7642 mean_Total_Cholesterol<=10^Pain_severity___0_10_verbal_numeric_rating__Scor
e___Reported*Total_Cholesterol
7643 mean_Total_Cholesterol<=Alkaline_phosphatase__Enzymatic_activity_volume__in
_Serum,Plasma^2/active_care_plans
7644 mean_Total_Cholesterol<=1/2*Estimated_Glomerular_Filtration_Rate+Total_Chol
esterol
7645 mean_Total_Cholesterol<=Chloride*log(Triglycerides)/log(10)
7646 mean_Total_Cholesterol<=log(Triglycerides)*mean_Chloride/log(10)
7647 mean_Total_Cholesterol>=latitude
7648 mean_Total_Cholesterol>=minimum(Total_Cholesterol,Urea_Nitrogen)
7649 mean_Total_Cholesterol>=Calcium+Sodium
7650
mean_Total_Cholesterol>=log(num_allergies)/log(10)+Microalbumin_Creatinine_Ratio
7651 mean_Total_Cholesterol>=minimum(Total_Cholesterol,mean_Body_Mass_Index)
7652 mean_Total_Cholesterol>=minimum(Triglycerides,Totol_Cholesterol)
7653 mean_Total_Cholesterol>=Respiratory_rate*log(procedures_lifetime_cost)
7654
mean_Total_Cholesterol>=Heart_rate*log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
7655 mean_Total_Cholesterol>=sqrt(medications_lifetime)+Sodium
7656 mean_Total_Cholesterol>=healthcare_expenses^longitude
7657 mean_Total_Cholesterol>=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean
_Carbon_Dioxide
7658 mean_Total_Cholesterol>=minimum(Total_Cholesterol,2*age)
7659 mean_Total_Cholesterol>=-Carbon_Dioxide+Total_Cholesterol+1
7660 mean_Total_Cholesterol>=(2*lifetime_care_plan_length)^medications_lifetime_
perc_covered

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7661 mean_Total_Cholesterol>=-Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma+2*Glucose
7662
mean_Total_Cholesterol>=floor(Glucose)+mean_Estimated_Glomerular_Filtration_Rate
7663 mean_Total_Cholesterol>=2*Sodium-Systolic_Blood_Pressure
7664 mean_Total_Cholesterol>=Potassium*ceil(DALY)
7665 mean_Total_Cholesterol>=2*Body_Weight-procedures_lifetime_cost
7666 mean_Total_Cholesterol>=Total_Cholesterol^QOLS
7667 mean_Total_Cholesterol>=(medications_lifetime_length+1)/mean_Heart_rate
7668 mean_Total_Cholesterol>=ceil(Total_Cholesterol)-mean_Carbon_Dioxide
7669 mean_Total_Cholesterol>=sqrt(Low_Density_Lipoprotein_Cholesterol)*Respirato
ry_rate
7670 mean_Total_Cholesterol>=(QOLS+1)*mean_Heart_rate
7671 mean_Total_Cholesterol>=log(medications_lifetime)*mean_Estimated_Glomerular
_Filtration_Rate/log(10)
7672 mean_Total_Cholesterol>=immunizations_lifetime_cost-
medications_lifetime_dispenses+1
7673 mean_Total_Cholesterol>=sqrt(encounters_lifetime_total_cost)-QALY
7674 mean_Total_Cholesterol>=Diastolic_Blood_Pressure+ceil(Protein__Mass_volume_
_in_Serum,Plasma)
7675 mean_Total_Cholesterol>=2*latitude+procedures_lifetime
7676 mean_Total_Cholesterol>=2*Body_Mass_Index+Chloride
7677 mean_Total_Cholesterol>=2*Body_Mass_Index+mean_Chloride
7678 mean_Total_Cholesterol>=Systolic_Blood_Pressure-active_care_plans-1
7679 mean_Total_Cholesterol>=4*Creatinine^2
7680
mean_Total_Cholesterol>=Body_Mass_Index+Low_Density_Lipoprotein_Cholesterol+1
7681 mean_Total_Cholesterol>=(Calcium+1)*lifetime_conditions
7682 mean_Total_Cholesterol>=minimum(mean_Microalbumin_Creatinine_Ratio,active_c
onditions^2)
7683 mean_Total_Cholesterol>=minimum(Total_Cholesterol,mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood)
7684 mean_Total_Cholesterol>=(Erythrocytes___volume__in_Blood_by_Automated_coun
t+1)^mean_Pain_severity__0_10_verbal_numeric_rating__Score___Reported
7685 mean_Total_Cholesterol>=(Carbon_Dioxide+1)*Hemoglobin_A1c_Hemoglobin_total_
in_Blood
7686 mean_Total_Cholesterol>=minimum(Total_Cholesterol,Triglycerides+1)
7687 mean_Total_Cholesterol>=2*active_condition_length+mean_Estimated_Glomerular
_Filtration_Rate
7688 mean_Total_Cholesterol>=(Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma+1)*mean_Potassium
7689 mean_Total_Cholesterol>=log(device_lifetime_length)*mean_Systolic_Blood_Pre
ssure/log(10)
7690 mean_Total_Cholesterol>=minimum(latitude,10^healthcare_expenses)
7691 mean_Total_Cholesterol>=(Estimated_Glomerular_Filtration_Rate^2)^QOLS
7692 mean_Total_Cholesterol>=1/2*Triglycerides+mean_Diastolic_Blood_Pressure
7693 mean_Total_Cholesterol>=Triglycerides-
mean_Estimated_Glomerular_Filtration_Rate-1

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7694 mean_Total_Cholesterol>=2*Heart_rate-mean_Microalbumin_Creatinine_Ratio
7695 mean_Total_Cholesterol>=Total_Cholesterol*sqrt(medications_lifetime_perc_covered)
7696 mean_Total_Cholesterol>=(medications_lifetime_perc_covered+1)^Leukocytes___
    _volume__in_Blood_by_Automated_count
7697 mean_Triglycerides<=healthcare_expenses
7698 mean_Triglycerides<=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__i
    n_Serum,Plasma)*QALY
7699 mean_Triglycerides<=maximum(Triglycerides,e^active_conditions)
7700 mean_Triglycerides<=Aspartate_aminotransferase__Enzymatic_activity_volume__
    in_Serum,Plasma^2+Glucose
7701 mean_Triglycerides<=(QOLS+1)*Triglycerides
7702
mean_Triglycerides<=-Albumin__Mass_volume__in_Serum,Plasma+e^active_conditions
7703 mean_Triglycerides<=Triglycerides+immunizations_lifetime_cost
7704 mean_Triglycerides<=10^medications_lifetime_perc_covered*Body_Height
7705 mean_Triglycerides<=Microalbumin_Creatinine_Ratio+Triglycerides-1
7706 mean_Triglycerides<=Sodium+2*medications_lifetime
7707 mean_Triglycerides<=maximum(Triglycerides,10^DALY)
7708 mean_Triglycerides<=maximum(Systolic_Blood_Pressure,Estimated_Glomerular_Fi
    ltration_Rate^2)
7709 mean_Triglycerides<=sqrt(medications_lifetime_cost)/QOLS
7710 mean_Triglycerides<=maximum(Triglycerides,10^active_conditions)
7711 mean_Triglycerides<=(Urea_Nitrogen-1)*mean_Carbon_Dioxide
7712 mean_Triglycerides<=sqrt(medications_lifetime)^Hemoglobin_A1c_Hemoglobin_to
    tal_in_Blood
7713 mean_Triglycerides<=Body_Height+procedures_lifetime_cost-1
7714 mean_Triglycerides<=10^procedures_lifetime+Body_Height
7715 mean_Triglycerides<=(encounters_lifetime_total_cost-1)^mean_Creatinine
7716
mean_Triglycerides<=healthcare_coverage+mean_Microalbumin_Creatinine_Ratio-1
7717 mean_Triglycerides<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*lifetime_c
    are_plan_length
7718 mean_Triglycerides<=Triglycerides^2/Glucose
7719 mean_Triglycerides<=ceil(Aspartate_aminotransferase__Enzymatic_activity_vol
    ume__in_Serum,Plasma)^Globulin__Mass_volume__in_Serum_by_calculation
7720 mean_Triglycerides<=Total_Cholesterol*log(latitude)/log(10)
7721 mean_Triglycerides<=(e^Creatinine)^mean_Urea_Nitrogen
7722 mean_Triglycerides<=(2*Albumin__Mass_volume__in_Serum,Plasma)^Hemoglobin_A1
    c_Hemoglobin_total_in_Blood
7723 mean_Triglycerides<=10^medications_active*encounters_count
7724 mean_Triglycerides<=maximum(lifetime_condition_length,2*Body_Weight)
7725 mean_Triglycerides<=maximum(Triglycerides,Glomerular_filtration_rate_1_73_s
    q_M_predicted^2)
7726 mean_Triglycerides<=Estimated_Glomerular_Filtration_Rate+lifetime_condition
    _length
7727 mean_Triglycerides<=1/num_allergies+Body_Height
7728 mean_Triglycerides<=Total_Cholesterol*ceil(Creatinine)

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7729
 $\text{mean_Triglycerides} \leq \text{Estimated_Glomerular_Filtration_Rate} * e^{\text{active_care_plans}}$
 7730 $\text{mean_Triglycerides} \leq \log(\text{Estimated_Glomerular_Filtration_Rate})^{\text{DALY}}$
 7731 $\text{mean_Triglycerides} \leq \text{Low_Density_Lipoprotein_Cholesterol} + 2 * \text{lifetime_care_plan_length}$
 7732 $\text{mean_Triglycerides} \leq (\text{active_care_plan_length} + 1) * \text{Urea_Nitrogen}$
 7733 $\text{mean_Triglycerides} \leq \sqrt{\text{encounters_count}}^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}}$
 7734 $\text{mean_Triglycerides} \leq 10^{\text{immunizations_lifetime}} * \text{Body_Height}$
 7735 $\text{mean_Triglycerides} \leq \text{Triglycerides}^2 / \text{Diastolic_Blood_Pressure}$
 7736
 $\text{mean_Triglycerides} \leq \text{Estimated_Glomerular_Filtration_Rate} + 2 * \text{medications_lifetime}$
 7737 $\text{mean_Triglycerides} \leq \text{Heart_rate}^2 / \text{active_conditions}$
 7738 $\text{mean_Triglycerides} \leq 10^{\text{QOLS}} * \text{Sodium}$
 7739 $\text{mean_Triglycerides} \leq 1/2 * \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma} * \text{Urea_Nitrogen}$
 7740 $\text{mean_Triglycerides} \leq \text{Systolic_Blood_Pressure}^2 / \text{mean_High_Density_Lipoprotein_Cholesterol}$
 7741 $\text{mean_Triglycerides} \leq \text{Glucose}^2 / \text{Body_Mass_Index}$
 7742 $\text{mean_Triglycerides} \leq 10^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}} * \text{mean_Total_Cholesterol}$
 7743 $\text{mean_Triglycerides} \leq (1/2 * \text{Urea_Nitrogen})^{\text{Potassium}}$
 7744 $\text{mean_Triglycerides} \geq \text{latitude}$
 7745 $\text{mean_Triglycerides} \geq -\text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma} + 2 * \text{age}$
 7746 $\text{mean_Triglycerides} \geq \text{Chloride} + 1/2 * \text{DALY}$
 7747 $\text{mean_Triglycerides} \geq \text{Diastolic_Blood_Pressure} + \log(\text{lifetime_condition_length})$
 7748
 $\text{mean_Triglycerides} \geq \text{minimum}(\text{Triglycerides}, \text{Estimated_Glomerular_Filtration_Rate})$
 7749 $\text{mean_Triglycerides} \geq (\text{Erythrocytes_volume_in_Blood_by_Automated_count} - 1)^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}}$
 7750 $\text{mean_Triglycerides} \geq 1/2 * \text{Microalbumin_Creatinine_Ratio} - \text{procedures_lifetime}$
 7751 $\text{mean_Triglycerides} \geq e^{\text{Creatinine}} / \text{mean_Calcium}$
 7752 $\text{mean_Triglycerides} \geq \text{healthcare_expenses}^{\text{longitude}}$
 7753 $\text{mean_Triglycerides} \geq \text{minimum}(\text{Triglycerides}, \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood})$
 7754 $\text{mean_Triglycerides} \geq \text{Triglycerides}^{\text{QOLS}}$
 7755 $\text{mean_Triglycerides} \geq \text{mean_Chloride} + 2 * \text{num_allergies}$
 7756 $\text{mean_Triglycerides} \geq \text{Systolic_Blood_Pressure} - \text{procedures_lifetime_cost} - 1$
 7757 $\text{mean_Triglycerides} \geq -\text{Microalbumin_Creatinine_Ratio} + \text{Triglycerides} + 1$
 7758 $\text{mean_Triglycerides} \geq \text{Creatinine} * \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}^2$
 7759
 $\text{mean_Triglycerides} \geq \text{mean_Microalbumin_Creatinine_Ratio}^{\text{imaging_studies_lifetime}}$
 7760 $\text{mean_Triglycerides} \geq 1/2 * \text{DALY} + \text{mean_Chloride}$
 7761 $\text{mean_Triglycerides} \geq 2 * \text{QALY} - \text{procedures_lifetime_cost}$
 7762
 $\text{mean_Triglycerides} \geq 2 * \text{Microalbumin_Creatinine_Ratio} * \text{imaging_studies_lifetime}$
 7763 $\text{mean_Triglycerides} \geq \text{DALY} * \log(\text{Body_Mass_Index})$

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7764 mean_Triglycerides>=Estimated_Glomerular_Filtration_Rate*e^medications_life
time_perc_covered
7765 mean_Triglycerides>=1/2*Alanine_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma*Albumin__Mass_volume__in_Serum,Plasma
7766 mean_Triglycerides>=(Respiratory_rate+1)/Bilirubin_total__Mass_volume__in_S
erum,Plasma
7767 mean_Triglycerides>=DALY*log(device_lifetime_length)
7768 mean_Triglycerides>=(Alanine_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma+1)/encounters_lifetime_perc_covered
7769 mean_Triglycerides>=log(Aspartate_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma)^Pain_severity___0_10_verbal_numeric_rating__Score____Report
ed
7770 mean_Triglycerides>=Estimated_Glomerular_Filtration_Rate^2/High_Density_Lip
oprotein_Cholesterol
7771 mean_Triglycerides>=minimum(latitude,10^healthcare_expenses)
7772 mean_Triglycerides>=1/2*Protein__Mass_volume__in_Serum,Plasma+procedures_li
fetime
7773 mean_Triglycerides>=1/2*Creatinine*Protein__Mass_volume__in_Serum,Plasma
7774 mean_Triglycerides>=Triglycerides-mean_Carbon_Dioxide+1
7775 mean_Triglycerides>=Estimated_Glomerular_Filtration_Rate*log(Potassium)
7776 mean_Triglycerides>=Protein__Mass_volume__in_Serum,Plasma*log(Hemoglobin_A1
c_Hemoglobin_total_in_Blood)
7777 mean_Triglycerides>=minimum(Triglycerides,Creatinine)
7778 mean_Triglycerides>=2*DALY+active_care_plan_length
7779 mean_Triglycerides>=sqrt(Creatinine)*active_care_plan_length
7780 mean_Triglycerides>=10^Albumin__Mass_volume__in_Serum,Plasma/medications_li
fetime_dispenses
7781 mean_Triglycerides>=log(active_conditions)*mean_Low_Density_Lipoprotein_Cho
lesterol/log(10)
7782 mean_Triglycerides>=1/2*Respiratory_rate*lifetime_conditions
7783 mean_Triglycerides>=-Carbon_Dioxide+Triglycerides+1
7784 mean_Triglycerides>=QOLS*sqrt(encounters_lifetime_total_cost)
7785 mean_Triglycerides>=(immunizations_lifetime-1)*encounters_count
7786 mean_Triglycerides>=1/2*medications_lifetime-procedures_lifetime_cost
7787 mean_Triglycerides>=Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma+Diastolic_Blood_Pressure-1
7788 mean_Urea_Nitrogen<=healthcare_expenses
7789 mean_Urea_Nitrogen<=-Pain_severity___0_10_verbal_numeric_rating__Score____R
eported+ceil(Carbon_Dioxide)
7790 mean_Urea_Nitrogen<=Urea_Nitrogen/encounters_lifetime_perc_covered
7791 mean_Urea_Nitrogen<=maximum(Heart_rate,Urea_Nitrogen)
7792 mean_Urea_Nitrogen<=(Chloride-1)/medications_active
7793 mean_Urea_Nitrogen<=-Body_Height+2*Chloride
7794 mean_Urea_Nitrogen<=sqrt(Heart_rate)+Aspartate_aminotransferase__Enzymatic_
activity_volume__in_Serum,Plasma
7795 mean_Urea_Nitrogen<=sqrt(Body_Height)+healthcare_coverage
7796
mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,Hemoglobin__Mass_volume__in_Blood+1)

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7797 mean_Urea_Nitrogen<=Albumin__Mass_volume__in_Serum,Plasma+Respiratory_rate
7798 mean_Urea_Nitrogen<=(Platelet_mean_volume__Entitic_volume__in_Blood_by_Auto
mated_count+1)/medications_lifetime_perc_covered
7799 mean_Urea_Nitrogen<=maximum(Respiratory_rate,Estimated_Glomerular_Filtratio
n_Rate-1)
7800 mean_Urea_Nitrogen<=2*encounters_lifetime_perc_covered*mean_Glomerular_filt
ration_rate_1_73_sq_M_predicted
7801 mean_Urea_Nitrogen<=(lifetime_care_plan_length-1)/active_care_plans
7802 mean_Urea_Nitrogen<=1/2*Body_Weight*Creatinine
7803 mean_Urea_Nitrogen<=(Low_Density_Lipoprotein_Cholesterol-1)/mean_Creatinine
7804
mean_Urea_Nitrogen<=Protein__Mass_volume__in_Serum,Plasma^2/mean_Triglycerides
7805 mean_Urea_Nitrogen<=DALY*e^Globulin__Mass_volume__in_Serum_by_calculation
7806 mean_Urea_Nitrogen<=sqrt(Platelet_distribution_width__Entitic_volume__in_Bl
ood_by_Automated_count)+1
7807 mean_Urea_Nitrogen<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^Body_
Mass_Index
7808 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,encounters_count+1)
7809 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,Glomerular_filtration_rate_1_73_s
q_M_predicted)
7810 mean_Urea_Nitrogen<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*log(healthcare
_expenses)/log(10)
7811 mean_Urea_Nitrogen<=Urea_Nitrogen+mean_Microalbumin_Creatinine_Ratio
7812 mean_Urea_Nitrogen<=Body_Mass_Index^2/Erythrocyte_distribution_width__Entit
ic_volume__by_Automated_count
7813 mean_Urea_Nitrogen<=Urea_Nitrogen^active_conditions
7814 mean_Urea_Nitrogen<=Urea_Nitrogen+encounters_lifetime_payer_coverage
7815 mean_Urea_Nitrogen<=2*medications_lifetime_cost/medications_lifetime_length
7816 mean_Urea_Nitrogen<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*sqrt
(lifetime_condition_length)
7817 mean_Urea_Nitrogen<=Carbon_Dioxide-Creatinine
7818 mean_Urea_Nitrogen<=10^immunizations_lifetime+Respiratory_rate
7819 mean_Urea_Nitrogen<=Sodium^2/medications_lifetime
7820 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,ceil(Hemoglobin__Mass_volume__in_
Blood))
7821 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,2*Calcium)
7822 mean_Urea_Nitrogen<=Potassium+ceil(Urea_Nitrogen)
7823 mean_Urea_Nitrogen<=-Pain_severity__0_10_verbal_numeric_rating__Score____R
eported+2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
7824 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,medications_lifetime^2)
7825 mean_Urea_Nitrogen<=sqrt(Carbon_Dioxide)+Urea_Nitrogen
7826 mean_Urea_Nitrogen<=1/2*QALY+mean_Pain_severity__0_10_verbal_numeric_ratin
g__Score____Reported
7827 mean_Urea_Nitrogen<=Triglycerides^2/medications_lifetime
7828
mean_Urea_Nitrogen<=(1/2*Low_Density_Lipoprotein_Cholesterol)^mean_Creatinine
7829 mean_Urea_Nitrogen<=(Creatinine+1)^Leukocytes____volume__in_Blood_by_Automa
ted_count

7830 mean_Urea_Nitrogen<=sqrt(active_care_plan_length)*mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 7831 mean_Urea_Nitrogen<=DALY^2+immunizations_lifetime_cost
 7832 mean_Urea_Nitrogen<=minimum(healthcare_expenses,FEV1_FVC+1)
 7833 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,Potassium^2)
 7834 mean_Urea_Nitrogen<=Urea_Nitrogen^active_care_plans
 7835 mean_Urea_Nitrogen<=e^Calcium/encounters_count
 7836 mean_Urea_Nitrogen<=ceil(Protein__Mass_volume__in_Serum,Plasma)/Creatinine
 7837 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,2*medications_lifetime)
 7838 mean_Urea_Nitrogen<=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+2*Heart_rate
 7839 mean_Urea_Nitrogen<=Calcium^2/Erythrocytes____volume__in_Blood_by_Automated_count
 7840 mean_Urea_Nitrogen<=1/2*QALY+procedures_lifetime
 7841
 mean_Urea_Nitrogen<=1/2*Body_Mass_Index+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 7842 mean_Urea_Nitrogen<=2*Urea_Nitrogen*mean_Creatinine
 7843 mean_Urea_Nitrogen<=High_Density_Lipoprotein_Cholesterol^2/Heart_rate
 7844 mean_Urea_Nitrogen<=Urea_Nitrogen*floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 7845 mean_Urea_Nitrogen<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood+lifetime_care_plans
 7846 mean_Urea_Nitrogen<=(log(Carbon_Dioxide)/log(10))^Urea_Nitrogen
 7847 mean_Urea_Nitrogen<=(Urea_Nitrogen+1)/medications_lifetime_perc_covered
 7848 mean_Urea_Nitrogen<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2/imaging_studies_lifetime
 7849 mean_Urea_Nitrogen>=longitude
 7850 mean_Urea_Nitrogen>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+2*Urea_Nitrogen
 7851 mean_Urea_Nitrogen>=active_care_plans+immunizations_lifetime+1
 7852 mean_Urea_Nitrogen>=(Urea_Nitrogen+1)*encounters_lifetime_perc_covered
 7853 mean_Urea_Nitrogen>=minimum(mean_Respiratory_rate,10^num_allergies)
 7854 mean_Urea_Nitrogen>=Urea_Nitrogen/active_conditions
 7855 mean_Urea_Nitrogen>=sqrt(encounters_count)-Calcium
 7856 mean_Urea_Nitrogen>=floor(Glucose)/Respiratory_rate
 7857 mean_Urea_Nitrogen>=Low_Density_Lipoprotein_Cholesterol-Sodium
 7858 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,log(procedures_lifetime_cost))
 7859 mean_Urea_Nitrogen>=(medications_lifetime+1)/Glucose
 7860 mean_Urea_Nitrogen>=1/2*Urea_Nitrogen+mean_Pain_severity___0_10_verbal_numeric_rating_Score___Reported
 7861 mean_Urea_Nitrogen>=healthcare_expenses^longitude
 7862 mean_Urea_Nitrogen>=ceil(10^medications_lifetime_perc_covered)
 7863 mean_Urea_Nitrogen>=Microalbumin_Creatinine_Ratio^(1/log(10))
 7864 mean_Urea_Nitrogen>=Creatinine^2-procedures_lifetime_cost
 7865 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 7866 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,sqrt(active_care_plan_length))
 7867 mean_Urea_Nitrogen>=(1/2*Microalbumin_Creatinine_Ratio)^encounters_lifetime

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_perc_covered
7868
mean_Urea_Nitrogen>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_Creatinine
7869 mean_Urea_Nitrogen>=Urea_Nitrogen*log(lifetime_care_plans)/log(10)
7870 mean_Urea_Nitrogen>=(Urea_Nitrogen-1)*medications_lifetime_perc_covered
7871 mean_Urea_Nitrogen>=minimum(medications_active,Urea_Nitrogen)
7872 mean_Urea_Nitrogen>=Urea_Nitrogen-procedures_lifetime_cost
7873 mean_Urea_Nitrogen>=Creatinine+active_care_plans
7874 mean_Urea_Nitrogen>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
7875 mean_Urea_Nitrogen>=-Glomerular_filtration_rate_1_73_sq_M_predicted+lifetime_conditions
7876 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,-Triglycerides)
7877 mean_Urea_Nitrogen>=Globulin__Mass_volume__in_Serum_by_calculation+1/2*Urea_Nitrogen
7878 mean_Urea_Nitrogen>=2*lifetime_conditions/Hemoglobin_A1c_Hemoglobin_total_in_Blood
7879 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,2*active_care_plans)
7880 mean_Urea_Nitrogen>=Urea_Nitrogen^QOLS
7881 mean_Urea_Nitrogen>=log(Estimated_Glomerular_Filtration_Rate)*medications_active/log(10)
7882 mean_Urea_Nitrogen>=Leukocytes___volume__in_Blood_by_Automated_count+mean_Creatinine
7883 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,2*lifetime_care_plans)
7884 mean_Urea_Nitrogen>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
7885 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,1/2*procedures_lifetime)
7886 mean_Urea_Nitrogen>=-age+procedures_lifetime
7887 mean_Urea_Nitrogen>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+1/2*QALY
7888 mean_Urea_Nitrogen>=(immunizations_lifetime-1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
7889 mean_Urea_Nitrogen>=Urea_Nitrogen/active_care_plans
7890 mean_Urea_Nitrogen>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma+mean_Creatinine
7891 mean_Urea_Nitrogen>=(Respiratory_rate+1)^mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
7892 mean_Urea_Nitrogen>=Creatinine*log(Platelets___volume__in_Blood_by_Automated_count)/log(10)
7893 mean_Urea_Nitrogen>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*log(immunizations_lifetime)/log(10)
7894 mean_Urea_Nitrogen>=Creatinine^2/mean_Potassium
7895 mean_Urea_Nitrogen>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported*floor(Creatinine)
7896 mean_Urea_Nitrogen>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+active_conditions-1
7897 mean_Urea_Nitrogen>=Globulin__Mass_volume__in_Serum_by_calculation+log(immunizations_lifetime_cost)

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7898 mean_Urea_Nitrogen>=log(procedures_lifetime_cost)-medications_active
7899 mean_Urea_Nitrogen>=Glomerular_filtration_rate_1_73_sq_M_predicted-
Low_Density_Lipoprotein_Cholesterol-1
7900 mean_Urea_Nitrogen>=(10^healthcare_expenses)^longitude
7901 mean_Urea_Nitrogen>=(Aspartate_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma+1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
7902
mean_Urea_Nitrogen>=minimum(Estimated_Glomerular_Filtration_Rate,sqrt(Chloride))
7903
mean_Urea_Nitrogen>=2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-
lifetime_care_plan_length
7904
mean_Urea_Nitrogen>=floor(Estimated_Glomerular_Filtration_Rate)/Urea_Nitrogen
7905 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=he
althcare_expenses
7906 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=lo
g(Calcium)/log(10)+Erythrocyte_distribution_width__Entitic_volume__by_Automated_
count
7907 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=ma
ximum(latitude,Erythrocyte_distribution_width__Entitic_volume__by_Automated_coun
t)
7908 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=ma
ximum(active_care_plan_length,Erythrocyte_distribution_width__Entitic_volume__by
_Automated_count)
7909 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count/num_allergies
7910 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=ma
ximum(Protein__Mass_volume__in_Serum,Plasma,Erythrocyte_distribution_width__Enti
tic_volume__by_Automated_count)
7911 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count+Pain_severity__
_0_10_verbal_numeric_rating__Score____Reported
7912 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=lo
ngitude
7913 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count
7914 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=-h
ealthcare_expenses
7915 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=he
althcare_expenses^longitude
7916 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=(C
alcium+1)*Pain_severity__0_10_verbal_numeric_rating__Score____Reported
7917 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=(1
0^healthcare_expenses)^longitude
7918
mean_Erythrocytes____volume__in_Blood_by_Automated_count<=healthcare_expenses
7919 mean_Erythrocytes____volume__in_Blood_by_Automated_count<=Erythrocytes____v
olume__in_Blood_by_Automated_count

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7920 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count/(MCHC__Mass_volume__by_Automated_count+1)
 7921 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=longitude
 7922 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Erythrocytes___volume__in_Blood_by_Automated_count)
 7923 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=Erythrocytes___volume__in_Blood_by_Automated_count^num_allergies
 7924 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=(mean_Platelets___volume__in_Blood_by_Automated_count+1)/mean_Glucose
 7925 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=minimum(lifetime_care_plans,Erythrocytes___volume__in_Blood_by_Automated_count)
 7926 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
 7927 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=minimum(active_care_plans,Erythrocytes___volume__in_Blood_by_Automated_count)
 7928 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=minimum(medications_active,Erythrocytes___volume__in_Blood_by_Automated_count)
 7929 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=minimum(device_lifetime_length,Erythrocytes___volume__in_Blood_by_Automated_count)
 7930 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=minimum(DALY,Erythrocytes___volume__in_Blood_by_Automated_count)
 7931 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
 7932 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=Erythrocytes___volume__in_Blood_by_Automated_count-procedures_lifetime
 7933 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=-DALY+procedures_lifetime
 7934 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=Calcium/active_care_plans
 7935 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
 7936 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=healthcare_expenses
 7937 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+encounters_lifetime_perc_covered
 7938 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=maximum(latitude,Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
 7939 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count/num_allergies
 7940 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=maximum(encounters_count,Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
 7941 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=maximum(Protein_Mass_volume__in_Serum,Plasma,Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)
 7942 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=maximum(QALY,Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)


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7943 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=longitude
7944 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=Hematocrit__
Volume_Fraction__of_Blood_by_Automated_count
7945 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=-healthcare_
expenses
7946 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=healthcare_e
xpenses^longitude
7947 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=MCHC__Mass_v
olume__by_Automated_count+log(Platelet_mean_volume__Entitic_volume__in_Blood_by_
Automated_count)
7948 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=(10^healthca
re_expenses)^longitude
7949 mean_Hemoglobin__Mass_volume__in_Blood<=healthcare_expenses
7950 mean_Hemoglobin__Mass_volume__in_Blood<=Hemoglobin__Mass_volume__in_Blood
7951 mean_Hemoglobin__Mass_volume__in_Blood<=Carbon_Dioxide^DALY
7952 mean_Hemoglobin__Mass_volume__in_Blood>=longitude
7953 mean_Hemoglobin__Mass_volume__in_Blood>=Hemoglobin__Mass_volume__in_Blood-
procedures_lifetime
7954
mean_Hemoglobin__Mass_volume__in_Blood>=floor(Hemoglobin__Mass_volume__in_Blood)
7955 mean_Hemoglobin__Mass_volume__in_Blood>=minimum(Respiratory_rate,Hemoglobin
__Mass_volume__in_Blood)
7956 mean_Hemoglobin__Mass_volume__in_Blood>=minimum(active_conditions,Hemoglobi
n__Mass_volume__in_Blood)
7957 mean_Hemoglobin__Mass_volume__in_Blood>=-healthcare_expenses
7958 mean_Hemoglobin__Mass_volume__in_Blood>=healthcare_expenses^longitude
7959 mean_Hemoglobin__Mass_volume__in_Blood>=minimum(DALY,Hemoglobin__Mass_volum
e__in_Blood)
7960 mean_Hemoglobin__Mass_volume__in_Blood>=Hemoglobin__Mass_volume__in_Blood^n
um_allergies
7961 mean_Hemoglobin__Mass_volume__in_Blood>=log(encounters_lifetime_perc_covere
d)/log(10)+Hemoglobin__Mass_volume__in_Blood
7962 mean_Hemoglobin__Mass_volume__in_Blood>=minimum(Hemoglobin__Mass_volume__in
_Blood,pH_of_Urine_by_Test_strip)
7963 mean_Hemoglobin__Mass_volume__in_Blood>=(10^healthcare_expenses)^longitude
7964 mean_Leukocytes___volume__in_Blood_by_Automated_count<=healthcare_expenses
7965 mean_Leukocytes___volume__in_Blood_by_Automated_count<=maximum(Calcium,Leu
kocytes___volume__in_Blood_by_Automated_count)
7966 mean_Leukocytes___volume__in_Blood_by_Automated_count<=maximum(Glomerular_
filtration_rate_1_73_sq_M_predicted,Leukocytes___volume__in_Blood_by_Automated_
count)
7967 mean_Leukocytes___volume__in_Blood_by_Automated_count<=minimum(healthcare_
expenses,mean_pH_of_Urine_by_Test_strip)
7968 mean_Leukocytes___volume__in_Blood_by_Automated_count<=Leukocytes___volum
e__in_Blood_by_Automated_count/num_allergies
7969 mean_Leukocytes___volume__in_Blood_by_Automated_count<=maximum(active_cond
itions,Leukocytes___volume__in_Blood_by_Automated_count)
7970 mean_Leukocytes___volume__in_Blood_by_Automated_count<=maximum(active_cond

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itions,Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
7971 mean_Leukocytes___volume__in_Blood_by_Automated_count<=Leukocytes___volum
e__in_Blood_by_Automated_count+Pain_severity___0_10_verbal_numeric_rating__Score
___Reported
7972 mean_Leukocytes___volume__in_Blood_by_Automated_count>=longitude
7973 mean_Leukocytes___volume__in_Blood_by_Automated_count>=Leukocytes___volum
e__in_Blood_by_Automated_count
7974
mean_Leukocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
7975 mean_Leukocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses
^longitude
7976 mean_Leukocytes___volume__in_Blood_by_Automated_count>=(log(MCHC__Mass_vol
ume__by_Automated_count)/log(10))^Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported
7977 mean_Leukocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expe
nses)^longitude
7978 mean_MCH__Entitic_mass__by_Automated_count<=healthcare_expenses
7979 mean_MCH__Entitic_mass__by_Automated_count<=maximum(Protein__Mass_volume__i
n_Serum,Plasma,MCH__Entitic_mass__by_Automated_count)
7980 mean_MCH__Entitic_mass__by_Automated_count<=MCH__Entitic_mass__by_Automated
_count+encounters_lifetime_perc_covered
7981 mean_MCH__Entitic_mass__by_Automated_count<=MCH__Entitic_mass__by_Automated
_count/num_allergies
7982 mean_MCH__Entitic_mass__by_Automated_count<=maximum(encounters_count,MCH__E
ntitic_mass__by_Automated_count)
7983 mean_MCH__Entitic_mass__by_Automated_count<=Chloride-QALY
7984 mean_MCH__Entitic_mass__by_Automated_count<=MCH__Entitic_mass__by_Automated
_count+procedures_lifetime
7985 mean_MCH__Entitic_mass__by_Automated_count<=MCH__Entitic_mass__by_Automated
_count+Pain_severity___0_10_verbal_numeric_rating__Score___Reported
7986 mean_MCH__Entitic_mass__by_Automated_count>=longitude
7987 mean_MCH__Entitic_mass__by_Automated_count>=MCH__Entitic_mass__by_Automated
_count
7988 mean_MCH__Entitic_mass__by_Automated_count>=-healthcare_expenses
7989 mean_MCH__Entitic_mass__by_Automated_count>=healthcare_expenses^longitude
7990 mean_MCH__Entitic_mass__by_Automated_count>=-DALY+2*Respiratory_rate
7991
mean_MCH__Entitic_mass__by_Automated_count>=(10^healthcare_expenses)^longitude
7992 mean_MCHC__Mass_volume__by_Automated_count<=healthcare_expenses
7993 mean_MCHC__Mass_volume__by_Automated_count<=ceil(MCHC__Mass_volume__by_Auto
mated_count)
7994 mean_MCHC__Mass_volume__by_Automated_count<=maximum(Protein__Mass_volume__i
n_Serum,Plasma,MCHC__Mass_volume__by_Automated_count)
7995 mean_MCHC__Mass_volume__by_Automated_count<=MCHC__Mass_volume__by_Automated
_count+procedures_lifetime
7996 mean_MCHC__Mass_volume__by_Automated_count<=maximum(active_care_plan_length
,MCHC__Mass_volume__by_Automated_count)
7997 mean_MCHC__Mass_volume__by_Automated_count<=maximum(encounters_count,MCHC__

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Mass_volume__by_Automated_count)
7998 mean_MCHC__Mass_volume__by_Automated_count<=MCHC__Mass_volume__by_Automated
_count/num_allergies
7999 mean_MCHC__Mass_volume__by_Automated_count<=MCHC__Mass_volume__by_Automated
_count+Pain_severity__0_10_verbal_numeric_rating__Score____Reported
8000 mean_MCHC__Mass_volume__by_Automated_count>=longitude
8001 mean_MCHC__Mass_volume__by_Automated_count>=MCHC__Mass_volume__by_Automated
_count
8002 mean_MCHC__Mass_volume__by_Automated_count>=-healthcare_expenses
8003 mean_MCHC__Mass_volume__by_Automated_count>=healthcare_expenses^longitude
8004
mean_MCHC__Mass_volume__by_Automated_count>=(10^healthcare_expenses)^longitude
8005 mean_MCHC__Mass_volume__by_Automated_count>=Erythrocytes___volume__in_Bloo
d_by_Automated_count+2*mean_Respiratory_rate
8006 mean_MCV__Entitic_volume__by_Automated_count<=healthcare_expenses
8007 mean_MCV__Entitic_volume__by_Automated_count<=MCV__Entitic_volume__by_Autom
ated_count/num_allergies
8008 mean_MCV__Entitic_volume__by_Automated_count<=MCV__Entitic_volume__by_Autom
ated_count+1/2*mean_Creatinine
8009 mean_MCV__Entitic_volume__by_Automated_count<=maximum(lifetime_care_plan_le
ngth,MCV__Entitic_volume__by_Automated_count)
8010 mean_MCV__Entitic_volume__by_Automated_count<=MCV__Entitic_volume__by_Autom
ated_count+procedures_lifetime
8011 mean_MCV__Entitic_volume__by_Automated_count<=maximum(Diastolic_Blood_Press
ure,MCV__Entitic_volume__by_Automated_count)
8012 mean_MCV__Entitic_volume__by_Automated_count<=maximum(Alkaline_phosphatase_
_Enzymatic_activity_volume__in_Serum,Plasma,MCV__Entitic_volume__by_Automated_co
unt)
8013 mean_MCV__Entitic_volume__by_Automated_count>=latitude
8014 mean_MCV__Entitic_volume__by_Automated_count>=MCV__Entitic_volume__by_Autom
ated_count
8015 mean_MCV__Entitic_volume__by_Automated_count>=-healthcare_expenses
8016 mean_MCV__Entitic_volume__by_Automated_count>=healthcare_expenses^longitude
8017 mean_MCV__Entitic_volume__by_Automated_count>=Chloride*log(10)/log(mean_Car
bon_Dioxide)
8018 mean_MCV__Entitic_volume__by_Automated_count>=minimum(latitude,10^healthcar
e_expenses)
8019 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=healthcare_expenses
8020 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=maximum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_c
ount,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
8021 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+pro
cedures_lifetime_cost
8022 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt<=maximum(medications_lifetime_dispenses,Platelet_distribution_width__Entitic_
volume__in_Blood_by_Automated_count)

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8023 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count/num_allergies
 8024 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=maximum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,Platelets___volume__in_Blood_by_Automated_count)
 8025 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+2
 8026 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=latitude
 8027 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
 8028 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=-healthcare_expenses
 8029 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=healthcare_expenses/healthcare_coverage
 8030 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=Platelets___volume__in_Blood_by_Automated_count-mean_Glucose
 8031 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=minimum(latitude,10^healthcare_expenses)
 8032 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=healthcare_expenses
 8033 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=Respiratory_rate
 8034 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 8035 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=sqrt(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)-mean_Creatinine
 8036 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=longitude
 8037 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
 8038 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=minimum(active_conditions,Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
 8039 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
 8040 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=minimum(Calcium,Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
 8041 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=minimum(active_conditions,Calcium)
 8042 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=log(healthcare_expenses)/log(10)+Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 8043 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=-healthcare_expenses
 8044 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Pla

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telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count^num_allergies
8045 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-
procedures_lifetime
8046 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=min
imum(procedures_lifetime,Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count)
8047 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=min
imum(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count,pH_of_Uri
ne_by_Test_strip)
8048 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=(10
^healthcare_expenses)^longitude
8049 mean_Platelets___volume__in_Blood_by_Automated_count<=healthcare_expenses
8050 mean_Platelets___volume__in_Blood_by_Automated_count<=Platelets___volume_
_in_Blood_by_Automated_count
8051 mean_Platelets___volume__in_Blood_by_Automated_count<=log(10^Body_Height)
8052 mean_Platelets___volume__in_Blood_by_Automated_count>=latitude
8053 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(lifetime_con
dition_length,Platelets___volume__in_Blood_by_Automated_count)
8054 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(Platelets___
_volume__in_Blood_by_Automated_count,e^active_conditions)
8055 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(Platelet_dis
tribution_width__Entitic_volume__in_Blood_by_Automated_count,Platelets___volume
__in_Blood_by_Automated_count)
8056 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(Platelets___
_volume__in_Blood_by_Automated_count,pH_of_Urine_by_Test_strip)
8057 mean_Platelets___volume__in_Blood_by_Automated_count>=Platelets___volume_
_in_Blood_by_Automated_count^num_allergies
8058 mean_Platelets___volume__in_Blood_by_Automated_count>=-healthcare_expenses
8059 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(immunization
s_lifetime_cost,Platelets___volume__in_Blood_by_Automated_count)
8060 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(latitude,10^
healthcare_expenses)
8061 mean_Platelets___volume__in_Blood_by_Automated_count>=healthcare_expenses^
longitude
8062 mean_Platelets___volume__in_Blood_by_Automated_count>=Body_Height-
Respiratory_rate
8063
mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma<=healthcare_expenses
8064 mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma<=Prostate_specific_
Ag__Mass_volume__in_Serum,Plasma
8065 mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=longitude
8066 mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=Prostate_specific_
Ag__Mass_volume__in_Serum,Plasma
8067
mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
8068 mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=healthcare_expense
s^longitude

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8069 mean_Prostate_specific_Ag_Mass_volume_in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 8070 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=healthcare_expenses
 8071 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=-Globulin_Mass_volume_in_Serum_by_calculation+QALY
 8072 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=maximum(active_care_plan_length,Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma)
 8073 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=maximum(Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma,1/2*lifetime_care_plan_length)
 8074 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma+immunizations_lifetime_cost
 8075 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=maximum(encounters_count,Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma)
 8076 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma+procedures_lifetime_cost
 8077 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=maximum(Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma,10^procedures_lifetime)
 8078 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=maximum(Heart_rate,Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma)
 8079 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma+Urea_Nitrogen
 8080 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
 8081 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma+1/2*Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma
 8082 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=maximum(Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma,e^lifetime_care_plans)
 8083 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=maximum(Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma,mean_High_Density_Lipoprotein_Cholesterol)
 8084 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=1/2*Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma*active_care_plans
 8085 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=Diastolic_Blood_Pressure^2/Low_Density_Lipoprotein_Cholesterol
 8086 mean_Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma<=maximum(Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma,e^P

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ain_severity___0_10_verbal_numeric_rating__Score____Reported)
8087 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
longitude
8088 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime
8089 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
sqrt(healthcare_coverage)/Respiratory_rate
8090 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
healthcare_expenses^longitude
8091 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
sqrt(mean_Creatinine)^mean_Pain_severity___0_10_verbal_numeric_rating__Score____
Reported
8092 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
imaging_studies_lifetime
8093 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
minimum(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma,pH_
of_Urine_by_Test_strip)
8094 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
-healthcare_expenses
8095 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
floor(QOLS)*latitude
8096 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
(10^healthcare_expenses)^longitude
8097 mean_Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses
8098 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(Albumin__Mass_volume__i
n_Serum,Plasma,mean_Potassium)
8099 mean_Albumin__Mass_volume__in_Serum,Plasma<=1/2*encounters_count
8100 mean_Albumin__Mass_volume__in_Serum,Plasma<=Potassium+1
8101 mean_Albumin__Mass_volume__in_Serum,Plasma<=log(mean_Potassium)/log(10)+Alb
umin__Mass_volume__in_Serum,Plasma
8102 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(Albumin__Mass_volume__i
n_Serum,Plasma,10^DALY)
8103 mean_Albumin__Mass_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,
Plasma+procedures_lifetime
8104 mean_Albumin__Mass_volume__in_Serum,Plasma<=log(Low_Density_Lipoprotein_Cho
lesterol)/log(10)+Hemoglobin_A1c_Hemoglobin_total_in_Blood
8105 mean_Albumin__Mass_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,
Plasma+Pain_severity___0_10_verbal_numeric_rating__Score____Reported
8106
mean_Albumin__Mass_volume__in_Serum,Plasma<=floor(sqrt(active_care_plan_length))
8107 mean_Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_
coverage
8108 mean_Albumin__Mass_volume__in_Serum,Plasma<=Globulin__Mass_volume__in_Serum
_by_calculation+active_care_plans
8109 mean_Albumin__Mass_volume__in_Serum,Plasma<=1/2*Albumin__Mass_volume__in_Se
rum,Plasma*active_care_plans

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8110 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(Albumin__Mass_volume__i
n_Serum,Plasma,1/device_lifetime_length)
8111 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(pH_of_Urine_by_Test_str
ip,abs(Albumin__Mass_volume__in_Serum,Plasma))
8112 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(Albumin__Mass_volume__i
n_Serum,Plasma,e^Pain_severity__0_10_verbal_numeric_rating__Score____Reported)
8113 mean_Albumin__Mass_volume__in_Serum,Plasma<=Sodium/DALY
8114 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(Respiratory_rate,Albumi
n__Mass_volume__in_Serum,Plasma)
8115 mean_Albumin__Mass_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,
Plasma+immunizations_lifetime
8116 mean_Albumin__Mass_volume__in_Serum,Plasma>=longitude
8117 mean_Albumin__Mass_volume__in_Serum,Plasma>=Albumin__Mass_volume__in_Serum,
Plasma
8118 mean_Albumin__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
8119 mean_Albumin__Mass_volume__in_Serum,Plasma>=-DALY+Pain_severity__0_10_verb
al_numeric_rating__Score____Reported+1
8120 mean_Albumin__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
8121 mean_Albumin__Mass_volume__in_Serum,Plasma>=log(Triglycerides)/(Creatinine*
log(10))
8122 mean_Albumin__Mass_volume__in_Serum,Plasma>=-imaging_studies_lifetime+log(p
rocedures_lifetime)
8123
mean_Albumin__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
8124 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=heal
thcare_expenses
8125 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maxi
mum(age,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
8126 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maxi
mum(lifetime_care_plan_length,Alkaline_phosphatase__Enzymatic_activity_volume__i
n_Serum,Plasma)
8127 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=(Bod
y_Weight-1)/mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
8128 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maxi
mum(encounters_count,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,P
lasma)
8129 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+immunizations_lifet
ime_cost
8130 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=2*Al
kaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-Potassium
8131 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime
8132 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=heal
thcare_expenses^healthcare_coverage
8133 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maxi
mum(procedures_lifetime,Alkaline_phosphatase__Enzymatic_activity_volume__in_Seru
m,Plasma)

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8134 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(Total_Cholesterol,floor(mean_Protein__Mass_volume__in_Serum,Plasma))
 8135
 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
 8136 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(latitude,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 8137 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,pH_of_Urine_by_Test_strip)
 8138 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(age,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 8139 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-immunizations_lifetime_cost
 8140 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=(Estimated_Glomerular_Filtration_Rate+1)^imaging_studies_lifetime
 8141 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses
 8142 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 8143 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/medications_active
 8144 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-mean_Urea_Nitrogen
 8145 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 8146 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,mean_Protein__Mass_volume__in_Serum,Plasma-1)
 8147 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=e^Potassium-mean_Diastolic_Blood_Pressure
 8148 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses
 8149 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+immunizations_lifetime_cost
 8150 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime
 8151 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(procedures_lifetime,Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
 8152 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(mean_Sodium)/log(10)
 8153 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(active_care_plan_length,Aspartate_aminotransferase__Enzymatic_activity

```

_volume__in_Serum,Plasma)
8154 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=minimum(healthcare_expenses,mean_Platelet_mean_volume__Entitic_volume__in_Bloo
d_by_Automated_count+1)
8155 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(encounters_count,Aspartate_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma)
8156 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(medications_lifetime,Aspartate_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma)
8157 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=healthcare_expenses^healthcare_coverage
8158 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=Systolic_Blood_Pressure-procedures_lifetime
8159 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=longitude
8160 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=QOLS+active_conditions
8161 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=minimum(DALY,Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,P
lasma)
8162 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=(Respiratory_rate+1)*Bilirubin_total__Mass_volume__in_Serum,Plasma
8163 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
immunizations_lifetime_cost
8164 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
Pain_severity__0_10_verbal_numeric_rating__Score___Reported
8165 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=-healthcare_expenses
8166 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/medicat
ions_active
8167 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=1/2*Respiratory_rate
8168 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime
8169 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=minimum(Triglycerides,Aspartate_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma)
8170 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=(10^healthcare_expenses)^longitude
8171 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Calcium*log(mean_Creatinine)
8172 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=healthcare_expenses^longitude

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8173 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=lifetime_conditions*log(active_conditions)/log(10)
8174 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Urea_Nitrogen-mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
8175 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses
8176 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Respiratory_rat
e,Bilirubin_total__Mass_volume__in_Serum,Plasma)
8177 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
olume__in_Serum,Plasma+immunizations_lifetime
8178 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(pH_of_Urine_by_
Test_strip,abs(Bilirubin_total__Mass_volume__in_Serum,Plasma))
8179 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=1/2*DALY+1/2
8180 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Globulin__Mass_volume__
in_Serum_by_calculation-QOLS
8181 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=1/2*Bilirubin_total__Ma
ss_volume__in_Serum,Plasma*active_care_plans
8182 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,2*encounters_lifetime_perc_covered)
8183 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses^hea
lthcare_coverage
8184 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,procedures_lifetime-1)
8185
mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=ceil(Body_Weight)/Heart_rate
8186 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,1/device_lifetime_length)
8187 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,Pain_severity___0_10_verbal_numeric_rating__Score
____Reported-1)
8188 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,log(procedures_lifetime))
8189 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
olume__in_Serum,Plasma+procedures_lifetime
8190 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
olume__in_Serum,Plasma+Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted
8191 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=(Body_Weight-1)/mean_Al
kaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
8192 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=longitude
8193 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=Bilirubin_total__Mass_v
olume__in_Serum,Plasma
8194 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
8195 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=healthcare_expenses^lon
gitude
8196 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=e^(-Respiratory_rate)*h
ealthcare_coverage
8197 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=(procedures_lifetime+1)
/mean_Triglycerides

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8198 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)
 ^longitude
 8199
 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(DALY,floor(QOLS))
 8200 mean_Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses
 8201 mean_Globulin__Mass_volume__in_Serum_by_calculation<=Globulin__Mass_volume__
 in_Serum_by_calculation
 8202 mean_Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses^he
 althcare_coverage
 8203 mean_Globulin__Mass_volume__in_Serum_by_calculation<=floor(QALY)/lifetime_c
 onditions
 8204 mean_Globulin__Mass_volume__in_Serum_by_calculation<=minimum(healthcare_exp
 enses,log(mean_Platelets___volume__in_Blood_by_Automated_count)/log(10))
 8205 mean_Globulin__Mass_volume__in_Serum_by_calculation<=(Hemoglobin_A1c_Hemogl
 obin_total_in_Blood-1)/medications_lifetime_perc_covered
 8206 mean_Globulin__Mass_volume__in_Serum_by_calculation>=longitude
 8207 mean_Globulin__Mass_volume__in_Serum_by_calculation>=minimum(device_lifetim
 e_length,Globulin__Mass_volume__in_Serum_by_calculation)
 8208 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Albumin__Mass_volume__
 in_Serum,Plasma-active_care_plans
 8209 mean_Globulin__Mass_volume__in_Serum_by_calculation>=minimum(Globulin__Mass
 _volume__in_Serum_by_calculation,Specific_gravity_of_Urine_by_Test_strip)
 8210 mean_Globulin__Mass_volume__in_Serum_by_calculation>=-healthcare_expenses
 8211 mean_Globulin__Mass_volume__in_Serum_by_calculation>=e^Pain_severity___0_10
 _verbal_numeric_rating__Score___Reported/Carbon_Dioxide
 8212 mean_Globulin__Mass_volume__in_Serum_by_calculation>=(1/QOLS)
 8213 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Globulin__Mass_volume__
 in_Serum_by_calculation-immunizations_lifetime
 8214 mean_Globulin__Mass_volume__in_Serum_by_calculation>=(procedures_lifetime+1
)/Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 8215 mean_Globulin__Mass_volume__in_Serum_by_calculation>=(10^healthcare_expense
 s)^longitude
 8216 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Globulin__Mass_volume__
 in_Serum_by_calculation-
 Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 8217 mean_Globulin__Mass_volume__in_Serum_by_calculation>=ceil(Bilirubin_total__
 Mass_volume__in_Serum,Plasma)
 8218 mean_Globulin__Mass_volume__in_Serum_by_calculation>=2*procedures_lifetime/
 Body_Weight
 8219 mean_Globulin__Mass_volume__in_Serum_by_calculation>=healthcare_expenses^lo
 ngitude
 8220 mean_Globulin__Mass_volume__in_Serum_by_calculation>=(1/Creatinine)
 8221 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses
 8222 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=ceil(Glomerular_filtra
 tion_rate_1_73_sq_M_predicted)
 8223 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses^he
 althcare_coverage
 8224 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(latitude,Glome

```

rular_filtration_rate_1_73_sq_M_predicted)
8225 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=(QOLS+1)^Aspartate_ami
notransferase__Enzymatic_activity_volume__in_Serum,Plasma
8226 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=1/mean_Aspartate_amino
transferase__Enzymatic_activity_volume__in_Serum,Plasma+Glomerular_filtration_ra
te_1_73_sq_M_predicted
8227 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(procedures_lif
etime,Glomerular_filtration_rate_1_73_sq_M_predicted)
8228 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=minimum(healthcare_exp
enses,Erythrocytes___volume__in_Blood_by_Automated_count^2)
8229 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=longitude
8230 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=minimum(Glomerular_fil
tration_rate_1_73_sq_M_predicted,pH_of_Urine_by_Test_strip)
8231
mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=active_condition_length-
latitude-1
8232 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=-Urea_Nitrogen+lifetim
e_conditions
8233 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=1/2*mean_Urea_Nitrogen
/encounters_lifetime_perc_covered
8234 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=healthcare_expenses^lo
ngitude
8235 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted-immunizations_lifetime_cost
8236 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted-mean_Creatinine-1
8237 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=-healthcare_expenses
8238 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted-procedures_lifetime_cost
8239 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=(10^healthcare_expense
s)^longitude
8240 mean_Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses
8241 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(Body_Weight,Protein__Ma
ss_volume__in_Serum,Plasma)
8242 mean_Protein__Mass_volume__in_Serum,Plasma<=Protein__Mass_volume__in_Serum,
Plasma+immunizations_lifetime_cost
8243 mean_Protein__Mass_volume__in_Serum,Plasma<=Pain_severity__0_10_verbal_num
eric_rating__Score___Reported+Protein__Mass_volume__in_Serum,Plasma
8244 mean_Protein__Mass_volume__in_Serum,Plasma<=Protein__Mass_volume__in_Serum,
Plasma+mean_Globulin__Mass_volume__in_Serum_by_calculation+1
8245 mean_Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_
coverage
8246 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(lifetime_care_plan_leng
th,Protein__Mass_volume__in_Serum,Plasma)
8247 mean_Protein__Mass_volume__in_Serum,Plasma<=Protein__Mass_volume__in_Serum,
Plasma+procedures_lifetime_cost
8248 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(Heart_rate,Protein__Mas
s_volume__in_Serum,Plasma)

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8249 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(Diastolic_Blood_Pressur
e,Protein__Mass_volume__in_Serum,Plasma)
8250 mean_Protein__Mass_volume__in_Serum,Plasma<=minimum(Triglycerides,Protein__
Mass_volume__in_Serum,Plasma)
8251 mean_Protein__Mass_volume__in_Serum,Plasma<=Body_Mass_Index*Hemoglobin_A1c_
Hemoglobin_total_in_Blood
8252 mean_Protein__Mass_volume__in_Serum,Plasma<=Heart_rate+medications_active
8253 mean_Protein__Mass_volume__in_Serum,Plasma>=latitude
8254 mean_Protein__Mass_volume__in_Serum,Plasma>=Protein__Mass_volume__in_Serum,
Plasma-procedures_lifetime
8255 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(QALY,Protein__Mass_volu
me__in_Serum,Plasma)
8256 mean_Protein__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
8257 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(Protein__Mass_volume__i
n_Serum,Plasma,pH_of_Urine_by_Test_strip)
8258 mean_Protein__Mass_volume__in_Serum,Plasma>=Protein__Mass_volume__in_Serum,
Plasma-immunizations_lifetime_cost
8259 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(High_Density_Lipoprotei
n_Cholesterol,Protein__Mass_volume__in_Serum,Plasma)
8260 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(procedures_lifetime,1/2
*mean_Low_Density_Lipoprotein_Cholesterol)
8261 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(active_condition_length
,Protein__Mass_volume__in_Serum,Plasma)
8262 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(Glomerular_filtration_r
ate_1_73_sq_M_predicted,Protein__Mass_volume__in_Serum,Plasma)
8263 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(latitude,10^healthcare_
expenses)
8264 mean_Protein__Mass_volume__in_Serum,Plasma>=(Heart_rate+1)^mean_Bilirubin_t
otal__Mass_volume__in_Serum,Plasma
8265 mean_Protein__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
8266
mean_Protein__Mass_volume__in_Serum,Plasma>=-Carbon_Dioxide+procedures_lifetime
Number of dead, alive properties
8266 6081

```

```

./conjecturing.py:153: RuntimeWarning: overflow encountered in double_scalars
    stack.append(op(left, right))
./conjecturing.py:255: RuntimeWarning: overflow encountered in double_scalars
    return (lambda x: 10**x), 1
./conjecturing.py:153: RuntimeWarning: invalid value encountered in
double_scalars
    stack.append(op(left, right))
./conjecturing.py:243: RuntimeWarning: overflow encountered in double_scalars
    return (lambda x: x*x), 1
./conjecturing.py:108: RuntimeWarning: overflow encountered in exp
    stack.append(op(stack.pop()))

```

```

(covid_death_status)->(active_care_plans_leq_flooropen_bracket_Hemoglobin_A1c_He
moglobin_total_in_Blood_close_bracket_squared)

```

```

(covid_death_status)->(mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum_or_Plasma_geq_minus_flooropen_bracket_mean_Glomerular_filtration_rate_1_73_sq_M_predicted_close_bracket_plus_mean_Protein__Mass_volume__in_Serum_or_Plasma)
(covid_death_status)->(active_conditions_geq_minus_active_care_plans_plus_lifetime_conditions)
(covid_death_status)->(healthcare_coverage_geq_minimumopen_bracket_procedures_lifetime_cost_or_2_times_encounters_lifetime_payer_coverage_close_bracket)
(covid_death_status)->(healthcare_expenses_leq_maximumopen_bracket_healthcare_coverage_or_e_to_the_power_active_care_plan_length_close_bracket)
(covid_death_status)->(healthcare_expenses_geq_sqrtopen_bracket_imaging_studies_lifetime_close_bracket_times_medications_lifetime_cost)
(covid_death_status)->(healthcare_expenses_geq_medications_lifetime_squared_minus_medications_lifetime_cost)
(covid_death_status)->(device_lifetime_length_leq_logopen_bracket_medications_active_close_bracket_to_the_power_healthcare_expenses)
(covid_death_status)->(lifetime_care_plan_length_geq_sqrtopen_bracket_encounters_lifetime_payer_coverage_close_bracket_minus_procedures_lifetime_cost)
(covid_death_status)->(healthcare_coverage_geq_minus_medications_lifetime_cost_plus_inverse_of_2_times_procedures_lifetime_cost)
(covid_death_status)->(healthcare_coverage_geq_ceilopen_bracket_encounters_lifetime_payer_coverage_close_bracket_times_immunizations_lifetime)
(covid_death_status)->((Localized__primary_osteoarthritis)->(encounters_count_geq_minimumopen_bracket_MCV__Entire_volume__by_Automated_count_or_medications_lifetime_minus_1_close_bracket))
(covid_death_status)->(active_condition_length_geq_open_bracket_lifetime_condition_length_plus_1_close_bracket_divided_by_encounters_count)
(covid_death_status)->(latitude_geq_encounters_lifetime_perc_covered_times_flooropen_bracket_active_condition_length_close_bracket)
(covid_death_status)->(age_geq_flooropen_bracket_Platelet_mean_volume__Entire_volume__in_Blood_by_Automated_count_close_bracket_times_lifetime_care_plans)
(covid_death_status)->(medications_lifetime_cost_leq_medications_lifetime_to_the_power_healthcare_expenses)
(covid_death_status)->(num_allergies_geq_active_care_plans_minus_lifetime_conditions)
(covid_death_status)->(active_care_plans_leq_ceilopen_bracket_inverse_of_2_times_Microalbumin_Creatinine_Ratio_close_bracket)
(covid_death_status)->(age_geq_QALY_plus_inverse_of_2_times_medications_active)
(covid_death_status)->(Creatinine_geq_flooropen_bracket_logopen_bracket_mean_Microalbumin_Creatinine_Ratio_close_bracket_divided_by_logopen_bracket_10_close_bracket_close_bracket)
(covid_death_status)->(num_allergies_leq_active_care_plan_length_squared_divided_by_procedures_lifetime_cost)
(covid_death_status)->((Miscarriage_in_first_trimester)->(lifetime_care_plans_leq_minimumopen_bracket_Estimated_Glomerular_Filtration_Rate_or_ceilopen_bracket_DALY_close_bracket_close_bracket))
(covid_death_status)->(active_care_plans_geq_sqrtopen_bracket_encounters_lifetime_perc_covered_close_bracket_divided_by_QOLS)

```

```

(covid_death_status)->(active_care_plan_length_geq_sqrtopen_bracket_medications_
lifetime_length_close_bracket_minus_lifetime_condition_length)
(covid_death_status)->(lifetime_care_plan_length_leq_sqrtopen_bracket_inverse_of
_2_close_bracket_times_sqrtopen_bracket_healthcare_expenses_close_bracket)
(covid_death_status)->(lifetime_care_plan_length_leq_flooropen_bracket_Body_Heig
ht_close_bracket_divided_by_encounters_lifetime_perc_covered)
(covid_death_status)->(lifetime_condition_length_geq_inverse_of_4_times_DALY_squ
ared)
(covid_death_status)->(lifetime_condition_length_geq_2_times_encounters_count_ti
mes_medications_lifetime_perc_covered)
(covid_death_status)->(~(Recurrent_urinary_tract_i))
(covid_death_status)->((Chronic_kidney_disease_st)->(longitude_leq_Diastolic_Blo
od_Pressure_minus_Sodium))
(covid_death_status)->((Miscarriage_in_first_trim)->(lifetime_condition_length_g
eq_minimumopen_bracket_Chloride_or_DALY_squared_close_bracket))
(covid_death_status)->((Opioid_abuse__disorder_->(Respiratory_rate_geq_floorope
n_bracket_inverse_of_2_times_Carbon_Dioxide_close_bracket))
(Allergy_to_tree_pollen)->(covid_death_status)
(~(immunizations_lifetime_cost_geq_age_times_immunizations_lifetime_squared))->(
covid_death_status)
(~(encounters_count_geq_minimumopen_bracket_medications_lifetime_or_active_care_
plans_squared_close_bracket))->(covid_death_status)
(Chronic_congestive_heart_->(covid_death_status)
(Familial_Alzheimers_dise)->(covid_death_status)
(Metastasis_from_malignant)->(covid_death_status)
(~(latitude_geq__minus_Glucose_plus_flooropen_bracket_Chloride_close_bracket))->
(covid_death_status)
(~(medications_active_geq_ceilopen_bracket_Creatinine_close_bracket_minus_proced
ures_lifetime_cost))->(covid_death_status)
(~(medications_lifetime_length_leq_10_to_the_power_procedures_lifetime_times_he
althcare_coverage))->(covid_death_status)
(~(Heart_rate_geq_ceilopen_bracket_2_times_Body_Mass_Index_close_bracket))->(cov
id_death_status)
(~(longitude_leq__minus_age_plus_encounters_count_minus_1))->(covid_death_status
)
(Mammography__procedure_->(covid_death_status)
(Bone_density_scan__proced)->(covid_death_status)
(Measurement_of_respirator)->(covid_death_status)
(~(healthcare_expenses_geq_open_bracket_lifetime_condition_length_plus_1_close_b
racket_squared))->(covid_death_status)
(~(active_care_plans_geq_flooropen_bracket_Globulin__Mass_volume__in_Serum_by_ca
lculatation_close_bracket))->(covid_death_status)
(Bilateral_tubal_ligation)->(covid_death_status)
(~(active_care_plan_length_geq_sqrtopen_bracket_medications_lifetime_dispenses_c
lose_bracket_times_medications_lifetime_perc_covered))->(covid_death_status)
((Neoplasm_of_prostate)&(Alcoholism))->(covid_death_status)
(~(healthcare_coverage_leq_encounters_lifetime_payer_coverage_times_flooropen_br
acket_High_Density_Lipoprotein_Cholesterol_close_bracket))->(covid_death_status)

```



```

(Estimated_Glomerular_Filtration_Rate_leq_minimumopen_bracket_healthcare_expense
s_or_Erythrocytes___volume__in_Blood_by_Automated_count_squared_close_bracket)-
>(covid_death_status)
(mean_Carbon_Dioxide_leq_minimumopen_bracket_Platelet_distribution_width__Entiti
c_volume__in_Blood_by_Automated_count_or_sqrtopen_bracket_Protein__Mass_volume__
in_Urine_by_Test_strip_close_bracket_close_bracket)->(covid_death_status)
(~(encounters_count_geq_minimumopen_bracket_active_care_plan_length_or_inverse_o
f_2_times_medications_lifetime_close_bracket))->(covid_death_status)
(~(healthcare_expenses_geq_sqrtopen_bracket_device_lifetime_length_close_bracket
_times_medications_lifetime_cost))->(covid_death_status)
((Chronic_intractable_migra)^(Impacted_molars))->(covid_death_status)
(~(healthcare_coverage_geq_encounters_count_squared_minus_procedures_lifetime_co
st))->(covid_death_status)
(~(active_care_plan_length_leq_lifetime_conditions_squared_plus_latitude))->(cov
id_death_status)
(~(latitude_leq_MCHC__Mass_volume__by_Automated_count_plus_flooropen_bracket_Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count_close_bracket))->
(covid_death_status)
(~(latitude_leq__minus_QALY_plus_flooropen_bracket_Triglycerides_close_bracket))
->(covid_death_status)
((Colonoscopy)&(Miscarriage_in_first_trim))->(covid_death_status)
((Localized__primary_osteoa)&(Chronic_pain))->(covid_death_status)
(~(latitude_geq__minus_Glucose_plus_flooropen_bracket_Alkaline_phosphatase__Enzy
matic_activity_volume__in_Serum_or_Plasma_close_bracket))->(covid_death_status)
(~(latitude_geq_sqrtopen_bracket_medications_lifetime_dispenses_close_bracket_mi
nus_DALY))->(covid_death_status)
(~(active_care_plans_geq_flooropen_bracket_inverse_of_2_times_medications_active
_close_bracket))->(covid_death_status)
(~(lifetime_care_plans_leq_ceilopen_bracket_Globulin__Mass_volume__in_Serum_by_c
alculation_close_bracket_plus_procedures_lifetime_cost))->(covid_death_status)
(~(lifetime_care_plans_geq_ceilopen_bracket_logopen_bracket_mean_Microalbumin_Cr
eatinine_Ratio_close_bracket_divided_by_logopen_bracket_10_close_bracket_close_b
racket))->(covid_death_status)
(~(active_care_plan_length_geq_sqrtopen_bracket_encounters_lifetime_payer_covera
ge_close_bracket_plus_longitude))->(covid_death_status)
((Seizure_disorder)&(Neoplasm_of_prostate))->(covid_death_status)
((Osteoarthritis_of_hip)&(Malignant_neoplasm_of_bre))->(covid_death_status)
((Physical_findings_of_ProstateNormal_size_prostate)&(Hypertension))->(covid_dea
th_status)
Property Conjectures
32
(covid_death_status)->(active_care_plans<=floor(Hemoglobin_A1c_Hemoglobin_total_
in_Blood)^2)
active_care_plans_leq_flooropen_bracket_Hemoglobin_A1c_Hemoglobin_total_in_Blood
_close_bracket_squared
0.790625
(covid_death_status)->(mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_
Serum,Plasma>=-floor(mean_Glomerular_filtration_rate_1_73_sq_M_predicted)+mean_P

```

```

rotein__Mass_volume__in_Serum,Plasma)
mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum_or_Plasma_geq__mi
nus_flooropen_bracket_mean_Glomerular_filtration_rate_1_73_sq_M_predicted_close_
bracket_plus_mean_Protein__Mass_volume__in_Serum_or_Plasma
0.9315068493150684
(covid_death_status)->(active_conditions>=active_care_plans+lifetime_conditions
)
active_conditions_geq__minus_active_care_plans_plus_lifetime_conditions
0.9797747055811572
(covid_death_status)->(healthcare_coverage>=minimum(procedures_lifetime_cost,2*e
ncounters_lifetime_payer_coverage))
healthcare_coverage_geq_minimumopen_bracket_procedures_lifetime_cost_or_2_times_
encounters_lifetime_payer_coverage_close_bracket
0.8739495798319328
(covid_death_status)->(healthcare_expenses<=maximum(healthcare_coverage,e^active
_care_plan_length))
healthcare_expenses_leq_maximumopen_bracket_healthcare_coverage_or_e_to_the_powe
r_active_care_plan_length_close_bracket
0.9842532042898248
(covid_death_status)->(healthcare_expenses>=sqrt(imaging_studies_lifetime)*medic
ations_lifetime_cost)
healthcare_expenses_geq_sqrtopen_bracket_imaging_studies_lifetime_close_bracket_
times_medications_lifetime_cost
0.8064516129032258
(covid_death_status)->(healthcare_expenses>=medications_lifetime^2-medications_l
ifetime_cost)
healthcare_expenses_geq_medications_lifetime_squared_minus_medications_lifetime_
cost
0.8225806451612904
(covid_death_status)->(device_lifetime_length<=log(medications_active)^healthcar
e_expenses)
device_lifetime_length_leq_logopen_bracket_medications_active_close_bracket_to_t
he_power_healthcare_expenses
0.9091967403958091
(covid_death_status)->(lifetime_care_plan_length>=sqrt(encounters_lifetime_payer
_coverage)-procedures_lifetime_cost)
lifetime_care_plan_length_geq_sqrtopen_bracket_encounters_lifetime_payer_coverag
e_close_bracket_minus_procedures_lifetime_cost
0.9777525539160046
(covid_death_status)->(healthcare_coverage>=-medications_lifetime_cost+1/2*proce
dures_lifetime_cost)
healthcare_coverage_geq__minus_medications_lifetime_cost_plus_inverse_of_2_times
_procedures_lifetime_cost
0.9834610730133119
(covid_death_status)->(healthcare_coverage>=ceil(encounters_lifetime_payer_cover
age)*immunizations_lifetime)
healthcare_coverage_geq_ceilopen_bracket_encounters_lifetime_payer_coverage_clos
e_bracket_times_immunizations_lifetime

```

0.9089147286821705
 (covid_death_status)->((Localized__primary_osteoa)->(encounters_count>=minimum(MCV__Entitic_volume__by_Automated_count,medications_lifetime-1)))
 Localized__primary_osteoa->encounters_count_geq_minimumopen_bracket_MCV__Entitic_volume__by_Automated_count_or_medications_lifetime_minus_1_close_bracket
 0.8282009724473258
 (covid_death_status)->(active_condition_length>=(lifetime_condition_length+1)/encounters_count)
 active_condition_length_geq_open_bracket_lifetime_condition_length_plus_1_close_bracket_divided_by_encounters_count
 0.9919627069602958
 (covid_death_status)->(latitude>=encounters_lifetime_perc_covered*floor(active_condition_length))
 latitude_geq_encounters_lifetime_perc_covered_times_flooropen_bracket_active_condition_length_close_bracket
 0.7931034482758621
 (covid_death_status)->(age>=floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)*lifetime_care_plans)
 age_geq_flooropen_bracket_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count_close_bracket_times_lifetime_care_plans
 0.9454374412041392
 (covid_death_status)->(medications_lifetime_cost<=medications_lifetime^healthcare_expenses)
 medications_lifetime_cost_leq_medications_lifetime_to_the_power_healthcare_expenses
 0.9780263683579704
 (covid_death_status)->(num_allergies>=active_care_plans-lifetime_conditions)
 num_allergies_geq_active_care_plans_minus_lifetime_conditions
 0.9829837752275425
 (covid_death_status)->(active_care_plans<=ceil(1/2*Microalbumin_Creatinine_Ratio))
 active_care_plans_leq_ceilopen_bracket_inverse_of_2_times_Microalbumin_Creatinine_Ratio_close_bracket
 0.9292604501607717
 (covid_death_status)->(age>=QALY+1/2*medications_active)
 age_geq_QALY_plus_inverse_of_2_times_medications_active
 0.8883357041251778
 (covid_death_status)->(Creatinine>=floor(log(mean_Microalbumin_Creatinine_Ratio)/log(10)))
 Creatinine_geq_flooropen_bracket_logopen_bracket_mean_Microalbumin_Creatinine_Ratio_close_bracket_divided_by_logopen_bracket_10_close_bracket_close_bracket
 0.8228882833787466
 (covid_death_status)->(num_allergies<=active_care_plan_length^2/procedures_lifetime_cost)
 num_allergies_leq_active_care_plan_length_squared_divided_by_procedures_lifetime_cost
 0.969217238346526
 (covid_death_status)->((Miscarriage_in_first_trim)->(lifetime_care_plans<=minimu

```

m(Estimated_Glomerular_Filtration_Rate,ceil(DALY))))
Miscarriage_in_first_trim->lifetime_care_plans_leq_minimumopen_bracket_Estimated
_Glomerular_Filtration_Rate_or_ceilopen_bracket_DALY_close_bracket_close_bracket
0.9644886363636364
(covid_death_status)->(active_care_plans>=sqrt(encounters_lifetime_perc_covered)
/QOLS)
active_care_plans_geq_sqrtopen_bracket_encounters_lifetime_perc_covered_close_br
acket_divided_by_QOLS
0.9685200637184253
(covid_death_status)->(active_care_plan_length>=sqrt(medications_lifetime_length
)-lifetime_condition_length)
active_care_plan_length_geq_sqrtopen_bracket_medications_lifetime_length_close_b
racket_minus_lifetime_condition_length
0.9890581717451523
(covid_death_status)->(lifetime_care_plan_length<=sqrt(1/2)*sqrt(healthcare_expe
nses))
lifetime_care_plan_length_leq_sqrtopen_bracket_inverse_of_2_close_bracket_times_
sqrtopen_bracket_healthcare_expenses_close_bracket
0.8875
(covid_death_status)->(lifetime_care_plan_length<=floor(Body_Height)/encounters_
lifetime_perc_covered)
lifetime_care_plan_length_leq_flooropen_bracket_Body_Height_close_bracket_divide
d_by_encounters_lifetime_perc_covered
0.8503937007874016
(covid_death_status)->(lifetime_condition_length>=1/4*DALY^2)
lifetime_condition_length_geq_inverse_of_4_times_DALY_squared
0.9444043321299639
(covid_death_status)->(lifetime_condition_length>=2*encounters_count*medications
_lifetime_perc_covered)
lifetime_condition_length_geq_2_times_encounters_count_times_medications_lifetim
e_perc_covered
0.9178356713426854
(covid_death_status)->( ~(Recurrent_urinary_tract_i))
~Recurrent_urinary_tract_i
0.9111111111111111
(covid_death_status)->((Chronic_kidney_disease_st)->(longitude<=Diastolic_Blood_
Pressure-Sodium))
Chronic_kidney_disease_st->longitude_leq_Diastolic_Blood_Pressure_minus_Sodium
0.9632721202003339
(covid_death_status)->((Miscarriage_in_first_trim)->(lifetime_condition_length>=
minimum(Chloride,DALY^2)))
Miscarriage_in_first_trim->lifetime_condition_length_geq_minimumopen_bracket_Chlo
ride_or_DALY_squared_close_bracket
0.9562693498452013
(covid_death_status)->((Opioid_abuse__disorder_->(Respiratory_rate>=floor(1/2*C
arbon_Dioxide)))
Opioid_abuse__disorder_->Respiratory_rate_geq_flooropen_bracket_inverse_of_2_tim
es_Carbon_Dioxide_close_bracket

```

0.854586129753915
 40
 (Allergy_to_tree_pollen)->(covid_death_status)
 Allergy_to_tree_pollen
 0.03768967205090553
 (~(immunizations_lifetime_cost>=age*immunizations_lifetime^2))->(covid_death_status)
 ~immunizations_lifetime_cost_geq_age_times_immunizations_lifetime_squared
 0.21021431828545373
 (~(encounters_count>=minimum(medications_lifetime,active_care_plans^2)))->(covid_death_status)
 ~encounters_count_geq_minimumopen_bracket_medications_lifetime_or_active_care_plans_squared_close_bracket
 0.07096774193548387
 (Chronic_congestive_heart_)->(covid_death_status)
 Chronic_congestive_heart_
 0.31528662420382164
 (Familial_Alzheimers_dise)->(covid_death_status)
 Familial_Alzheimers_dise
 0.12056737588652482
 (Metastasis_from_malignant)->(covid_death_status)
 Metastasis_from_malignant
 0.21285140562248997
 (~(latitude>=-Glucose+floor(Chloride)))->(covid_death_status)
 ~latitude_geq_minus_Glucose_plus_flooropen_bracket_Chloride_close_bracket
 0.11481481481481481
 (~(medications_active>=ceil(Creatinine)-procedures_lifetime_cost))->(covid_death_status)
 ~medications_active_geq_ceilopen_bracket_Creatinine_close_bracket_minus_procedures_lifetime_cost
 0.057467532467532466
 (~(medications_lifetime_length<=10^procedures_lifetime*healthcare_coverage))->(covid_death_status)
 ~medications_lifetime_length_leq_10_to_the_power_procedures_lifetime_times_healthcare_coverage
 0.04428697962798937
 (~(Heart_rate>=ceil(2*Body_Mass_Index)))->(covid_death_status)
 ~Heart_rate_geq_ceilopen_bracket_2_times_Body_Mass_Index_close_bracket
 0.0880281690140845
 (~(longitude<=-age+encounters_count-1))->(covid_death_status)
 ~longitude_leq_minus_age_plus_encounters_count_minus_1
 0.11811023622047244
 (Mammography__procedure_)->(covid_death_status)
 Mammography__procedure_
 0.18997361477572558
 (Bone_density_scan__proced)->(covid_death_status)
 Bone_density_scan__proced
 0.2155576382380506

```

(Measurement_of_respirator)->(covid_death_status)
Measurement_of_respirator
0.08195121951219513
(~(healthcare_expenses>=(lifetime_condition_length+1)^2))->(covid_death_status)
~healthcare_expenses_geq_open_bracket_lifetime_condition_length_plus_1_close_bra
cket_squared
0.17801047120418848
(~(active_care_plans>=floor(Globulin__Mass_volume__in_Serum_by_calculation)))->(
covid_death_status)
~active_care_plans_geq_flooropen_bracket_Globulin__Mass_volume__in_Serum_by_calc
ulation_close_bracket
0.10319410319410319
(Bilateral_tubal_ligation)->(covid_death_status)
Bilateral_tubal_ligation
0.008264462809917356
(~(active_care_plan_length>=sqrt(medications_lifetime_dispenses)*medications_lif
etime_perc_covered))->(covid_death_status)
~active_care_plan_length_geq_sqrtopen_bracket_medications_lifetime_dispenses_clo
se_bracket_times_medications_lifetime_perc_covered
0.06342494714587738
((Neoplasm_of_prostate)&(Alcoholism))->(covid_death_status)
Neoplasm_of_prostate&Alcoholism
0.19888475836431227
(~(healthcare_coverage<=encounters_lifetime_payer_coverage*floor(High_Density_Li
poprotein_Cholesterol)))->(covid_death_status)
~healthcare_coverage_leq_encounters_lifetime_payer_coverage_times_flooropen_brac
ket_High_Density_Lipoprotein_Cholesterol_close_bracket
0.13573883161512026
(Estimated_Glomerular_Filtration_Rate<=minimum(healthcare_expenses,Erythrocytes_
__volume__in_Blood_by_Automated_count^2))->(covid_death_status)
Estimated_Glomerular_Filtration_Rate_leq_minimumopen_bracket_healthcare_expenses
_or_Erythrocytes__volume__in_Blood_by_Automated_count_squared_close_bracket
0.19852941176470587
(mean_Carbon_Dioxide<=minimum(Platelet_distribution_width__Entitic_volume__in_Bl
ood_by_Automated_count,sqrt(Protein__Mass_volume__in_Urine_by_Test_strip)))->(co
vid_death_status)
mean_Carbon_Dioxide_leq_minimumopen_bracket_Platelet_distribution_width__Entitic_
_volume__in_Blood_by_Automated_count_or_sqrtopen_bracket_Protein__Mass_volume__i
n_Urine_by_Test_strip_close_bracket_close_bracket
0.25
(~(encounters_count>=minimum(active_care_plan_length,1/2*medications_lifetime)))-
->(covid_death_status)
~encounters_count_geq_minimumopen_bracket_active_care_plan_length_or_inverse_of_
2_times_medications_lifetime_close_bracket
0.15019762845849802
(~(healthcare_expenses>=sqrt(device_lifetime_length)*medications_lifetime_cost))-
->(covid_death_status)
~healthcare_expenses_geq_sqrtopen_bracket_device_lifetime_length_close_bracket_t

```

```

imes_medications_lifetime_cost
0.18559556786703602
((Chronic_intractable_migra)^(Impacted_molars))-(covid_death_status)
Chronic_intractable_migra^Impacted_molars
0.08174386920980926
(~(healthcare_coverage>=encounters_count^2-procedures_lifetime_cost))-(covid_death_status)
~healthcare_coverage_geq_encounters_count_squared_minus_procedures_lifetime_cost
0.091350531107739
(~(active_care_plan_length<=lifetime_conditions^2+latitude))-(covid_death_status)
~active_care_plan_length_leq_lifetime_conditions_squared_plus_latitude
0.10927505330490406
(~(latitude<=MCHC__Mass_volume__by_Automated_count+floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)))-(covid_death_status)
~latitude_leq_MCHC__Mass_volume__by_Automated_count_plus_flooropen_bracket_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count_close_bracket
0.09905660377358491
(~(latitude<=-QALY+floor(Triglycerides)))-(covid_death_status)
~latitude_leq__minus_QALY_plus_flooropen_bracket_Triglycerides_close_bracket
0.21406003159557663
((Colonoscopy)&(Miscarriage_in_first_trim))-(covid_death_status)
Colonoscopy&Miscarriage_in_first_trim
0.12546468401486988
((Localized__primary_osteoarthritis)&(Chronic_pain))-(covid_death_status)
Localized__primary_osteoarthritis&Chronic_pain
0.08653846153846154
(~(latitude>=-Glucose+floor(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)))-(covid_death_status)
~latitude_geq__minus_Glucose_plus_flooropen_bracket_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum_or_Plasma_close_bracket
0.16204217536071033
(~(latitude>=sqrt(medications_lifetime_dispenses)-DALY))-(covid_death_status)
~latitude_geq_sqrtopen_bracket_medications_lifetime_dispenses_close_bracket_minus_DALY
0.1853932584269663
(~(active_care_plans>=floor(1/2*medications_active)))-(covid_death_status)
~active_care_plans_geq_flooropen_bracket_inverse_of_2_times_medications_active_close_bracket
0.20444104134762633
(~(lifetime_care_plans<=ceil(Globulin__Mass_volume__in_Serum_by_calculation)+procedures_lifetime_cost))-(covid_death_status)
~lifetime_care_plans_leq_ceilopen_bracket_Globulin__Mass_volume__in_Serum_by_calculation_close_bracket_plus_procedures_lifetime_cost
0.14136125654450263
(~(lifetime_care_plans>=ceil(log(mean_Microalbumin_Creatinine_Ratio)/log(10))))-(covid_death_status)
~lifetime_care_plans_geq_ceilopen_bracket_logopen_bracket_mean_Microalbumin_Crea

```

```

tinine_Ratio_close_bracket_divided_by_logopen_bracket_10_close_bracket_close_bra
cket
0.12007062978222484
(~(active_care_plan_length>=sqrt(encounters_lifetime_payer_coverage)+longitude))
->(covid_death_status)
~active_care_plan_length_geq_sqrtopen_bracket_encounters_lifetime_payer_coverage
_close_bracket_plus_longitude
0.24666666666666667
((Seizure_disorder)&(Neoplasm_of_prostate))->(covid_death_status)
Seizure_disorder&Neoplasm_of_prostate
0.2012987012987013
((Osteoarthritis_of_hip)&(Malignant_neoplasm_of_bre))->(covid_death_status)
Osteoarthritis_of_hip&Malignant_neoplasm_of_bre
0.14457831325301204
((Physical_findings_of_ProstateNormal_size_prostate)&(Hypertension))->(covid_dea
th_status)
Physical_findings_of_ProstateNormal_size_prostate&Hypertension
0.2260596546310832

```

7.3 ICU Status among Those with Covid

```

[72]: covid_not_icu = [patient for patient in p_examples_list if (patient.
    ↪icu_status() and patient.covid_status())]
covid_icu= [patient for patient in p_examples_list if (not patient.icu_status())
    ↪and patient.covid_status())]

print(len(covid_not_icu), len(covid_icu))

np.random.shuffle(covid_not_icu)
np.random.shuffle(covid_icu)

train_not_icu = covid_not_icu[0:100]
train_icu = covid_icu[0:100]

test_not_icu = covid_not_icu[100:]
test_icu = covid_icu[100:]

```

4981 68716

```

[73]: covid_invariants = invariants

covid_icu_properties = []
covid_not_icu_properties = []

```



```

use_operators = { '-1', '+1', '*2', '/2', '^2', '-( )', '1/', 'sqrt', 'ln',
↳ 'log10', 'exp', '10^', 'ceil', 'floor', 'abs', '+', '*', 'max', 'min', '-',
↳ '/', '^'}

# not dead patients
print("ICU")
for inv in covid_invariants:
    #print(inv.__name__)
    inv_of_interest = covid_invariants.index(inv)
    # upper bounds
    conjs = conjecture(train_icu,
                        covid_invariants,
                        inv_of_interest,
                        operators=use_operators,
                        upperBound=True,
                        debug=False,
                        skips=myskips)
    convert_conjecture_names(conjs)
    #for c in conjs:
    #    print(c)
    covid_icu_properties += conjs
    # lower bounds
    conjs = conjecture(train_icu,
                        covid_invariants,
                        inv_of_interest,
                        operators=use_operators,
                        upperBound=False,
                        debug=False,
                        skips=myskips)
    convert_conjecture_names(conjs)
    #for c in conjs:
    #    print(c)
    covid_icu_properties += conjs
count = 0
for conj in covid_icu_properties:
    count +=1
    print(count, convert_name_back(conj.__name__))

# dead patients
print("Not ICU")
for inv in covid_invariants:
    #print(inv.__name__)
    inv_of_interest = covid_invariants.index(inv)
    # upper bounds
    conjs = conjecture(train_not_icu,
                        covid_invariants,

```

```

        inv_of_interest,
        operators=use_operators,
        upperBound=True,
        debug=False,
        skips=myskips)
convert_conjecture_names(conjs)
#for c in conjs:
#    print(c)
covid_not_icu_properties += conjs
# lower bounds
conjs = conjecture(train_not_icu,
                   covid_invariants,
                   inv_of_interest,
                   operators=use_operators,
                   upperBound=False,
                   debug=False,
                   skips=myskips)
convert_conjecture_names(conjs)
#for c in conjs:
#    print(c)
covid_not_icu_properties += conjs
count = 0
for conj in covid_not_icu_properties:
    count +=1
    print(count, convert_name_back(conj.__name__))
print("Number of not ICU, ICU properties")
print(len(covid_not_icu_properties), len(covid_icu_properties))

all_covid_properties = properties + covid_icu_properties +
    ↪covid_not_icu_properties
all_covid_properties.append(Patient.icu_status)

target_prop = len(all_covid_properties)-1
not_icu_conjs = propertyBasedConjecture(objects=train_icu+train_not_icu,
                                         properties = all_covid_properties,
                                         mainProperty=target_prop,
                                         sufficient=False,
                                         skips=myskips)

icu_conjs = propertyBasedConjecture(objects=train_icu+train_not_icu,
                                     properties = all_covid_properties,
                                     mainProperty=target_prop,
                                     sufficient=True,
                                     skips=myskips)

count = 0
for p in icu_conjs:

```

```

    #print(count, ".", convert_name_back(p.__name__))
    count += 1
for p in not_icu_conjs:
    #print(count, ".", convert_name_back(p.__name__))
    count += 1

print("Property Conjectures")
print(len(not_icu_conjs))
for p in not_icu_conjs:
    my_conclusion = get_conclusion(p)
    num_false = 0
    num_not_icu = 0
    for patient in test_icu+test_not_icu:
        try:
            if my_conclusion(patient) == False:
                num_false += 1
                if patient.icu_status() == False:
                    num_not_icu += 1
        except:
            continue
    print(convert_name_back(p.__name__))
    print(num_false, num_not_icu/float(num_false))
print(len(icu_conjs))
for p in icu_conjs:
    my_premise = get_premise(p)
    num_true = 0
    num_icu = 0
    for patient in test_icu+test_not_icu:
        try: # deal with missing values
            if my_premise(patient) == True:
                num_true += 1
                if patient.icu_status() == True:
                    num_icu += 1
        except:
            continue
    print(convert_name_back(p.__name__))
    print(num_true, num_icu/float(num_true))

```

ICU

```

1 healthcare_expenses<=latitude^4
2 healthcare_expenses<=10^sqrt(latitude)
3 healthcare_expenses<=Body_Height^2*Heart_rate
4 healthcare_expenses<=e^(2*Urea_Nitrogen)
5 healthcare_expenses<=floor(latitude)^Potassium
6 healthcare_expenses<=(1/medications_lifetime_perc_covered)^Diastolic_Blood_Pressure

```

```

7 healthcare_expenses<=Total_Cholesterol*e^Microalbumin_Creatinine_Ratio
8 healthcare_expenses<=Chloride*Sodium^2
9 healthcare_expenses<=maximum(medications_lifetime_cost,10^healthcare_coverage)
10 healthcare_expenses<=healthcare_coverage^2+medications_lifetime_cost
11 healthcare_expenses<=(log(device_lifetime_length)/log(10))^latitude
12 healthcare_expenses<=Body_Height^2*Diastolic_Blood_Pressure
13 healthcare_expenses<=maximum(medications_lifetime_cost,healthcare_coverage^2)
14 healthcare_expenses<=Body_Height*Chloride^2
15 healthcare_expenses<=healthcare_coverage^2/procedures_lifetime
16 healthcare_expenses<=floor(High_Density_Lipoprotein_Cholesterol)^Albumin__Mas
s_volume__in_Serum,Plasma
17 healthcare_expenses<=(1/2*Diastolic_Blood_Pressure)^Potassium
18 healthcare_expenses<=sqrt(latitude)^Aspartate_aminotransferase__Enzymatic_act
ivity_volume__in_Serum,Plasma
19 healthcare_expenses<=e^age/encounters_lifetime_payer_coverage
20 healthcare_expenses<=log(QALY)^Respiratory_rate
21 healthcare_expenses<=Sodium*Triglycerides^2
22 healthcare_expenses<=(log(active_condition_length)/log(10))^Chloride
23 healthcare_expenses<=Total_Cholesterol^2*age
24 healthcare_expenses<=encounters_lifetime_total_cost^2/medications_lifetime_pe
rc_covered
25 healthcare_expenses<=Respiratory_rate*encounters_lifetime_total_cost^2
26 healthcare_expenses<=(log(QALY)/log(10))^Alkaline_phosphatase__Enzymatic_acti
vity_volume__in_Serum,Plasma
27 healthcare_expenses<=(log(encounters_lifetime_payer_coverage)/log(10))^age
28 healthcare_expenses<=(medications_lifetime_perc_covered^2)^longitude
29 healthcare_expenses<=Body_Height*Systolic_Blood_Pressure^2
30 healthcare_expenses<=(log(Total_Cholesterol)/log(10))^mean_Glomerular_filtrat
ion_rate_1_73_sq_M_predicted
31 healthcare_expenses<=Triglycerides^2*mean_Systolic_Blood_Pressure
32 healthcare_expenses<=e^QALY/lifetime_condition_length
33 healthcare_expenses<=(log(Respiratory_rate)/log(10))^mean_Total_Cholesterol
34 healthcare_expenses<=e^Respiratory_rate/imaging_studies_lifetime
35 healthcare_expenses<=log(Body_Mass_Index)^Respiratory_rate
36 healthcare_expenses<=(1/2*Heart_rate)^mean_Potassium
37 healthcare_expenses<=(log(Body_Mass_Index)/log(10))^latitude
38 healthcare_expenses<=sqrt(Body_Mass_Index)^Calcium
39 healthcare_expenses<=Sodium^2*mean_Chloride
40 healthcare_expenses<=(log(Diastolic_Blood_Pressure)/log(10))^QALY
41 healthcare_expenses<=(1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Low_Densi
ty_Lipoprotein_Cholesterol
42 healthcare_expenses<=10^Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma/High_Density_Lipoprotein_Cholesterol
43 healthcare_expenses<=10^Urea_Nitrogen/medications_lifetime
44 healthcare_expenses<=(Globulin__Mass_volume__in_Serum_by_calculation+1)^Urea_
Nitrogen
45 healthcare_expenses<=(2*Estimated_Glomerular_Filtration_Rate)^Potassium
46 healthcare_expenses>=e^medications_lifetime_perc_covered*healthcare_coverage

```

```

47 healthcare_expenses>=medications_lifetime^2+encounters_lifetime_total_cost
48 healthcare_expenses>=minimum(medications_lifetime_cost,10^medications_active)
49 healthcare_expenses>=2*longitude^2
50 healthcare_expenses>=encounters_lifetime_perc_covered^2*medications_lifetime_
cost
51 healthcare_expenses>=(lifetime_care_plans+1)*encounters_lifetime_total_cost
52 healthcare_expenses>=(Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma+1)^Globulin__Mass_volume__in_Serum_by_calculation
53 healthcare_expenses>=immunizations_lifetime_cost^2+Body_Mass_Index
54
healthcare_expenses>=encounters_lifetime_total_cost+1/2*procedures_lifetime_cost
55 healthcare_expenses>=(encounters_lifetime_perc_covered+1)^mean_Carbon_Dioxide
56 healthcare_expenses>=lifetime_condition_length^2-medications_lifetime_cost
57 healthcare_expenses>=Aspartate_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma*e^procedures_lifetime
58 healthcare_expenses>=medications_lifetime*sqrt(medications_lifetime_cost)
59 healthcare_expenses>=10^Potassium+healthcare_coverage
60 healthcare_expenses>=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*healthc
are_coverage
61 healthcare_expenses>=Triglycerides^2/Bilirubin_total__Mass_volume__in_Serum,P
lasma
62 healthcare_expenses>=4*encounters_lifetime_total_cost
63 healthcare_expenses>=(medications_lifetime_cost+1)*num_allergies
64 healthcare_expenses>=log(QALY)^lifetime_care_plans
65
healthcare_expenses>=(Leukocytes___volume__in_Blood_by_Automated_count-1)^DALY
66 healthcare_expenses>=e^(10^QOLS)
67 healthcare_expenses>=e^(10^encounters_lifetime_perc_covered)
68 healthcare_expenses>=DALY*device_lifetime_length^2
69 healthcare_expenses>=(healthcare_coverage+1)*medications_active
70 healthcare_expenses>=log(Creatinine)*procedures_lifetime_cost/log(10)
71 healthcare_expenses>=(procedures_lifetime_cost+1)*device_lifetime_length
72 healthcare_expenses>=(2*procedures_lifetime_cost)^QOLS
73 healthcare_expenses>=4*Diastolic_Blood_Pressure^2
74 healthcare_expenses>=ceil(DALY)^Pain_severity___0_10_verbal_numeric_rating__S
core___Reported
75 healthcare_expenses>=(1/2*latitude)^Pain_severity___0_10_verbal_numeric_ratin
g__Score___Reported
76 healthcare_expenses>=10^medications_active/Glomerular_filtration_rate_1_73_sq
_M_predicted
77 healthcare_expenses>=Respiratory_rate^mean_Creatinine
78 healthcare_expenses>=log(Body_temperature)^lifetime_conditions
79 healthcare_expenses>=ceil(MCV__Entitic_volume__by_Automated_count)^Pain_sever
ity___0_10_verbal_numeric_rating__Score___Reported
80 healthcare_expenses>=2*encounters_count*medications_lifetime
81 healthcare_expenses>=(2*encounters_lifetime_perc_covered)^Estimated_Glomerula
r_Filtration_Rate
82 healthcare_expenses>=sqrt(Body_Weight)^Potassium

```

```

83 healthcare_expenses>=longitude^2+healthcare_coverage
84 healthcare_expenses>=(2*Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)^Globulin__Mass_volume__in_Serum_by_calculation
85 healthcare_expenses>=1/2*healthcare_coverage*lifetime_care_plans
86 healthcare_expenses>=sqrt(Microalbumin_Creatinine_Ratio)^active_care_plans
87 healthcare_expenses>=(active_care_plans^2)^Creatinine
88 healthcare_expenses>=(medications_lifetime_length^2)^encounters_lifetime_perc
_covered
89 healthcare_expenses>=(1/2*Potassium)^active_conditions
90 healthcare_expenses>=Glomerular_filtration_rate_1_73_sq_M_predicted^2*immuniz
ations_lifetime_cost
91 healthcare_expenses>=(immunizations_lifetime_cost+1)^immunizations_lifetime
92 healthcare_expenses>=DALY*e^lifetime_care_plans
93
healthcare_expenses>=10^active_care_plans/Protein__Mass_volume__in_Serum,Plasma
94 healthcare_expenses>=minimum(medications_lifetime_cost,1/active_care_plans)
95 healthcare_expenses>=(lifetime_care_plan_length-1)^longitude
96 healthcare_expenses>=1/2*medications_lifetime_cost/medications_lifetime
97 healthcare_expenses>=Triglycerides^2*device_lifetime_length
98 healthcare_expenses>=sqrt(device_lifetime_length)*healthcare_coverage
99 healthcare_expenses>=(e^medications_lifetime_perc_covered)^Respiratory_rate
100 healthcare_expenses>=(1/Creatinine)^Body_Mass_Index
101 healthcare_expenses>=2*procedures_lifetime_cost/procedures_lifetime
102 healthcare_expenses>=(QOLS+1)^Respiratory_rate
103 healthcare_expenses>=(Carbon_Dioxide-1)^Pain_severity__0_10_verbal_numeric_
rating__Score____Reported
104 healthcare_expenses>=(Body_Height^2)^QOLS
105 healthcare_expenses>=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^longitude
106 healthcare_expenses>=floor(Leukocytes___volume__in_Blood_by_Automated_count
)^active_conditions
107 healthcare_expenses>=sqrt(Microalbumin_Creatinine_Ratio)^Potassium
108 healthcare_coverage<=10^sqrt(QALY)
109 healthcare_coverage<=log(Microalbumin_Creatinine_Ratio)^Urea_Nitrogen
110 healthcare_coverage<=(2*Alkaline_phosphatase__Enzymatic_activity_volume__in_
Serum,Plasma)^Globulin__Mass_volume__in_Serum_by_calculation
111 healthcare_coverage<=10^sqrt(Body_Mass_Index)
112 healthcare_coverage<=age*latitude^2
113 healthcare_coverage<=10^lifetime_conditions/Creatinine
114 healthcare_coverage<=1/2*Body_Mass_Index*encounters_lifetime_total_cost
115
healthcare_coverage<=encounters_lifetime_payer_coverage+1/2*healthcare_expenses
116 healthcare_coverage<=(healthcare_expenses-1)/medications_active
117 healthcare_coverage<=encounters_lifetime_total_cost^2/active_care_plans
118 healthcare_coverage<=Microalbumin_Creatinine_Ratio*e^lifetime_conditions
119 healthcare_coverage<=(Chloride+1)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
120 healthcare_coverage<=encounters_lifetime_total_cost^2/active_conditions
121 healthcare_coverage<=Albumin__Mass_volume__in_Serum,Plasma^Aspartate_aminotr
ansferase__Enzymatic_activity_volume__in_Serum,Plasma

```

```

122 healthcare_coverage<=DALY*Sodium^2
123 healthcare_coverage<=(2*active_condition_length)^Globulin_Mass_volume__in_S
erum_by_calculation
124 healthcare_coverage<=2*Total_Cholesterol*lifetime_condition_length
125 healthcare_coverage<=Body_Height+e^Microalbumin_Creatinine_Ratio
126 healthcare_coverage<=(Potassium^2)^mean_Potassium
127 healthcare_coverage<=Systolic_Blood_Pressure^2/imaging_studies_lifetime
128 healthcare_coverage<=(10^QALY)^Bilirubin_total__Mass_volume__in_Serum,Plasma
129 healthcare_coverage<=sqrt(Body_Height)*encounters_lifetime_total_cost
130 healthcare_coverage<=(log(Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma)/log(10))^mean_Alanine_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma
131 healthcare_coverage<=sqrt(Potassium)^Estimated_Glomerular_Filtration_Rate
132 healthcare_coverage<=encounters_lifetime_total_cost^2/lifetime_conditions
133 healthcare_coverage<=10^Potassium*Urea_Nitrogen
134 healthcare_coverage<=Body_Mass_Index^2*Sodium
135 healthcare_coverage<=(log(latitude)/log(10))^QALY
136 healthcare_coverage<=maximum(medications_lifetime_cost,Systolic_Blood_Pressu
re^2)
137 healthcare_coverage<=age^2*latitude
138 healthcare_coverage<=encounters_lifetime_total_cost^2/encounters_count
139 healthcare_coverage<=2*lifetime_condition_length*mean_Total_Cholesterol
140 healthcare_coverage<=Respiratory_rate*e^Calcium
141 healthcare_coverage<=sqrt(healthcare_expenses)*mean_Total_Cholesterol
142 healthcare_coverage<=2*healthcare_expenses/active_care_plans
143 healthcare_coverage<=2*healthcare_expenses/lifetime_care_plans
144 healthcare_coverage<=Glomerular_filtration_rate_1_73_sq_M_predicted*age^2
145 healthcare_coverage<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)^Calcium
146 healthcare_coverage<=encounters_lifetime_total_cost^2/procedures_lifetime
147 healthcare_coverage<=Potassium*lifetime_condition_length^2
148 healthcare_coverage<=log(Potassium)^QALY
149 healthcare_coverage<=encounters_lifetime_payer_coverage^2/encounters_lifetim
e_perc_covered
150 healthcare_coverage<=10^medications_lifetime/num_allergies
151 healthcare_coverage<=1/2*medications_lifetime_cost/num_allergies
152 healthcare_coverage<=log(Alanine_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)*medications_lifetime_cost/log(10)
153 healthcare_coverage<=2*medications_lifetime_cost/medications_lifetime_perc_c
overed
154 healthcare_coverage<=log(QALY)^mean_Calcium
155 healthcare_coverage<=10^DALY/device_lifetime_length
156 healthcare_coverage<=Glucose^2*mean_Urea_Nitrogen
157
healthcare_coverage<=e^Microalbumin_Creatinine_Ratio+procedures_lifetime_cost
158 healthcare_coverage<=Microalbumin_Creatinine_Ratio^2*Total_Cholesterol
159 healthcare_coverage>=num_allergies
160 healthcare_coverage>=2*encounters_lifetime_payer_coverage*encounters_lifetim
e_perc_covered

```

```

161 healthcare_coverage>=4*procedures_lifetime^2
162
healthcare_coverage>=device_lifetime_length^2+encounters_lifetime_payer_coverage
163 healthcare_coverage>=age*sqrt(encounters_lifetime_payer_coverage)
164 healthcare_coverage>=10^Pain_severity__0_10_verbal_numeric_rating__Score___
_Reported*encounters_lifetime_perc_covered
165
healthcare_coverage>=sqrt(healthcare_expenses)-encounters_lifetime_total_cost
166 healthcare_coverage>=(Alkaline_phosphatase__Enzymatic_activity_volume__in_Se
rum,Plasma+1)*Chloride
167 healthcare_coverage>=(Alkaline_phosphatase__Enzymatic_activity_volume__in_Se
rum,Plasma+1)*lifetime_care_plan_length
168
healthcare_coverage>=-immunizations_lifetime_cost+lifetime_care_plan_length+1
169 healthcare_coverage>=(1/2*num_allergies)^Respiratory_rate
170 healthcare_coverage>=encounters_lifetime_total_cost*sqrt(medications_lifetim
e_perc_covered)
171 healthcare_coverage>=2*age*procedures_lifetime
172 healthcare_coverage>=log(encounters_lifetime_payer_coverage)+medications_lif
etime_dispenses
173 healthcare_coverage>=(latitude+1)*device_lifetime_length
174 healthcare_coverage>=ceil(device_lifetime_length)^Pain_severity__0_10_verba
l_numeric_rating__Score___Reported
175 healthcare_coverage>=encounters_lifetime_payer_coverage*log(device_lifetime_
length)
176 healthcare_coverage>=High_Density_Lipoprotein_Cholesterol^2-medications_lif
etime_cost
177 healthcare_coverage>=2*encounters_lifetime_payer_coverage-
medications_lifetime_length
178 healthcare_coverage>=floor(Alanine_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma)*lifetime_care_plan_length
179 healthcare_coverage>=10^medications_lifetime_perc_covered*encounters_lifetim
e_payer_coverage
180 healthcare_coverage>=procedures_lifetime^Potassium
181 healthcare_coverage>=(medications_lifetime_length+1)*encounters_lifetime_per
c_covered
182 healthcare_coverage>=2*Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma*Triglycerides
183
healthcare_coverage>=-medications_lifetime_cost+2*medications_lifetime_length
184 healthcare_coverage>=(10^medications_active)^Specific_gravity_of_Urine_by_Te
st_strip
185 healthcare_coverage>=Glucose^2*imaging_studies_lifetime
186 healthcare_coverage>=encounters_lifetime_perc_covered*latitude^2
187 healthcare_coverage>=Total_Cholesterol*sqrt(procedures_lifetime)
188 healthcare_coverage>=1/2*encounters_lifetime_payer_coverage/Bilirubin_total_
_Mass_volume__in_Serum,Plasma
189 healthcare_coverage>=device_lifetime_length*sqrt(procedures_lifetime_cost)

```



```

190 healthcare_coverage>=medications_lifetime^2/Albumin__Mass_volume__in_Serum,Plasma
191 healthcare_coverage>=Protein__Mass_volume__in_Serum,Plasma^2/DALY
192 healthcare_coverage>=Hemoglobin__Mass_volume__in_Blood^Pain_severity___0_10_
verbal_numeric_rating__Score___Reported
193 healthcare_coverage>=sqrt(Platelets___volume__in_Blood_by_Automated_count)^
lifetime_care_plans
194 healthcare_coverage>=Body_Weight^2*medications_lifetime_perc_covered
195 healthcare_coverage>=active_care_plan_length^2*num_allergies
196 healthcare_coverage>=2*encounters_lifetime_total_cost-
medications_lifetime_cost
197
healthcare_coverage>=sqrt(healthcare_expenses)-medications_lifetime_dispenses
198
healthcare_coverage>=minimum(procedures_lifetime_cost,sqrt(healthcare_expenses))
199 healthcare_coverage>=(-age)^immunizations_lifetime
200 healthcare_coverage>=longitude^2*medications_lifetime_perc_covered
201 healthcare_coverage>=Body_Height*log(encounters_lifetime_payer_coverage)
202 healthcare_coverage>=Globulin__Mass_volume__in_Serum_by_calculation*active_c
are_plan_length^2
203
healthcare_coverage>=(e^lifetime_care_plan_length)^Mental_health_Outpatient_Note
204 healthcare_coverage>=(Total_score__MMSE_-1)^DALY
205 healthcare_coverage>=sqrt(encounters_lifetime_payer_coverage)*mean_Low_Densi
ty_Lipoprotein_Cholesterol
206
healthcare_coverage>=active_condition_length^2-encounters_lifetime_total_cost
207 healthcare_coverage>=encounters_count^2*encounters_lifetime_perc_covered
208 healthcare_coverage>=10^Pain_severity___0_10_verbal_numeric_rating__Score___
_Reported*medications_lifetime_perc_covered
209 healthcare_coverage>=1/2*encounters_lifetime_payer_coverage*mean_Creatinine
210 healthcare_coverage>=sqrt(encounters_lifetime_payer_coverage)*latitude
211 healthcare_coverage>=encounters_lifetime_payer_coverage*log(Triglycerides)/l
og(10)
212 healthcare_coverage>=(-High_Density_Lipoprotein_Cholesterol)^immunizations_l
ifetime
213 healthcare_coverage>=encounters_lifetime_payer_coverage*log(Microalbumin_Cre
atinine_Ratio)/log(10)
214 healthcare_coverage>=(Urea_Nitrogen+1)^Globulin__Mass_volume__in_Serum_by_ca
lculatlon
215 healthcare_coverage>=encounters_lifetime_payer_coverage*sqrt(immunizations_l
ifetime)
216 healthcare_coverage>=(-Body_temperature)^encounters_count
217 healthcare_coverage>=sqrt(Platelets___volume__in_Blood_by_Automated_count)^
Pain_severity___0_10_verbal_numeric_rating__Score___Reported
218 healthcare_coverage>=Microalbumin_Creatinine_Ratio^2*encounters_lifetime_per
c_covered
219 latitude<=1/2*encounters_lifetime_total_cost/encounters_count

```

```

220 latitude<=log(e^Systolic_Blood_Pressure)/log(10)
221 latitude<=1/2*Heart_rate+Respiratory_rate
222 latitude<=Body_Mass_Index+2*Calcium
223 latitude<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*e^medications_active
224 latitude<=Carbon_Dioxide*log(Triglycerides)/log(10)
225 latitude<=floor(2*mean_Carbon_Dioxide)
226 latitude<=2*encounters_lifetime_total_cost/Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
227 latitude<=Body_Weight-Carbon_Dioxide-1
228 latitude<=-active_conditions-longitude
229 latitude<=2*QALY+medications_lifetime
230 latitude<=maximum(medications_lifetime_length,1/medications_lifetime_perc_covered)
231 latitude<=10^lifetime_condition_length/active_condition_length
232 latitude<=Diastolic_Blood_Pressure-procedures_lifetime+1
233 latitude<=1/2*Heart_rate+active_condition_length
234 latitude<=-Carbon_Dioxide+floor(Glucose)
235 latitude<=sqrt(Sodium)+Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
236 latitude<=Systolic_Blood_Pressure-active_condition_length-1
237 latitude<=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean_Systolic_Blood_Pressure/log(10)
238 latitude<=2*Chloride/mean_Potassium
239 latitude<=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood+High_Density_Lipoprotein_Cholesterol
240 latitude<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+e^Creatinine
241 latitude<=Heart_rate-device_lifetime_length+1
242 latitude<=Body_Weight-DALY-1
243 latitude<=1/2*Body_Weight/encounters_lifetime_perc_covered
244 latitude<=2*Low_Density_Lipoprotein_Cholesterol/mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
245 latitude<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+log(healthcare_expenses)
246 latitude<=Protein__Mass_volume__in_Serum,Plasma-Urea_Nitrogen-1
247 latitude<=sqrt(healthcare_coverage)+age
248 latitude<=sqrt(healthcare_coverage)/encounters_lifetime_perc_covered
249 latitude<=-Carbon_Dioxide+mean_Heart_rate
250 latitude<=mean_Total_Cholesterol/mean_Creatinine
251 latitude<=2*Body_Weight/Pain_severity___0_10_verbal_numeric_rating__Score___Reported
252 latitude<=-Body_Weight+1/2*encounters_lifetime_total_cost
253 latitude<=maximum(medications_lifetime_length,2*QALY)
254 latitude<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+floor(Urea_Nitrogen)
255 latitude<=Estimated_Glomerular_Filtration_Rate*active_care_plans
256 latitude<=2*Systolic_Blood_Pressure-Triglycerides

```

```

257 latitude<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood+age
258 latitude<=2*age+medications_lifetime_perc_covered
259 latitude<=1/2*Heart_rate/medications_lifetime_perc_covered
260 latitude<=-lifetime_conditions-longitude
261 latitude<=longitude^2/age
262 latitude<=longitude^2/mean_Glucose
263 latitude<=maximum(encounters_lifetime_payer_coverage,2*QALY)
264 latitude<=age*log(Diastolic_Blood_Pressure)/log(10)
265 latitude<=Albumin_Mass_volume__in_Serum,Plasma+2*active_care_plan_length
266 latitude<=10^lifetime_care_plan_length/active_care_plan_length
267 latitude<=Heart_rate^2/Body_Weight
268 latitude<=sqrt(Estimated_Glomerular_Filtration_Rate)*mean_Urea_Nitrogen
269 latitude<=floor(Carbon_Dioxide)+mean_Carbon_Dioxide
270 latitude<=2*QALY+active_condition_length
271 latitude<=maximum(encounters_lifetime_payer_coverage,1/encounters_lifetime_p
erc_covered)
272 latitude<=1/2*encounters_lifetime_total_cost/active_care_plans
273 latitude<=sqrt(medications_lifetime_cost)/medications_active
274 latitude<=Calcium+medications_lifetime_cost+1
275 latitude<=maximum(medications_lifetime_dispenses,2*QALY)
276
latitude<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+2*QALY
277 latitude<=QALY*log(Chloride)/log(10)
278 latitude<=1/2*Body_Height-Body_Mass_Index
279 latitude<=2*Carbon_Dioxide+mean_Pain_severity___0_10_verbal_numeric_rating__
Score____Reported
280 latitude<=(Creatinine+1)*Body_Mass_Index
281 latitude<=Triglycerides-active_condition_length-1
282 latitude<=lifetime_condition_length*log(Low_Density_Lipoprotein_Cholesterol)
/log(10)
283 latitude>=log(healthcare_expenses)^2/log(10)^2
284 latitude>=-1/2*longitude
285 latitude>=1/2*age
286 latitude>=-active_condition_length+age+1
287 latitude>=log(Carbon_Dioxide)*mean_Carbon_Dioxide/log(10)
288 latitude>=QOLS+1/2*active_care_plan_length
289 latitude>=High_Density_Lipoprotein_Cholesterol*encounters_lifetime_perc_cove
red^2
290 latitude>=(immunizations_lifetime+1)^Creatinine
291 latitude>=Chloride+longitude+1
292 latitude>=10^QOLS+Body_Mass_Index
293 latitude>=Body_Mass_Index+Hemoglobin_A1c_Hemoglobin_total_in_Blood+1
294 latitude>=floor(Body_Weight)^medications_lifetime_perc_covered
295 latitude>=1/2*Diastolic_Blood_Pressure-encounters_lifetime_payer_coverage
296 latitude>=Respiratory_rate*sqrt(medications_active)
297 latitude>=1/2*Body_Weight-encounters_count
298 latitude>=Calcium*log(Protein_Mass_volume__in_Serum,Plasma)
299 latitude>=lifetime_care_plan_length-lifetime_condition_length+1

```

```

300 latitude>=ceil(lifetime_condition_length)/encounters_count
301 latitude>=Respiratory_rate+procedures_lifetime-1
302 latitude>=DALY+log(medications_lifetime_length)
303 latitude>=1/2*Respiratory_rate*mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
304 latitude>=2*Triglycerides/mean_Calcium
305 latitude>=floor(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)-medications_lifetime_dispenses
306 latitude>=-active_care_plan_length+device_lifetime_length+1
307 latitude>=active_care_plans*sqrt(device_lifetime_length)
308 latitude>=2*Pain_severity___0_10_verbal_numeric_rating__Score___Reported*active_care_plans
309 latitude>=2*Systolic_Blood_Pressure/Calcium
310 latitude>=(1/2*MCV__Entitic_volume__by_Automated_count)^encounters_lifetime_perc_covered
311 latitude>=sqrt(medications_lifetime_dispenses)-mean_Respiratory_rate
312 latitude>=(medications_lifetime_dispenses+1)/Glomerular_filtration_rate_1_73_sq_M_predicted
313 latitude>=-Respiratory_rate+e^num_allergies
314 latitude>=active_care_plans^2-encounters_lifetime_payer_coverage
315 latitude>=device_lifetime_length^2/age
316 latitude>=Globulin__Mass_volume__in_Serum_by_calculation+1/2*active_condition_length
317 latitude>=floor(Carbon_Dioxide)+lifetime_conditions
318 latitude>=1/2*Diastolic_Blood_Pressure-mean_Urea_Nitrogen
319 latitude>=2*DALY-active_care_plan_length
320 latitude>=Respiratory_rate+floor(Carbon_Dioxide)
321 latitude>=lifetime_care_plans^2-lifetime_care_plan_length
322 latitude>=Potassium*sqrt(active_care_plan_length)
323 latitude>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+ceil(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
324 latitude>=(High_Density_Lipoprotein_Cholesterol+1)^imaging_studies_lifetime
325 latitude>=2*Body_Mass_Index-mean_Estimated_Glomerular_Filtration_Rate
326 latitude>=(Total_Cholesterol+1)/encounters_count
327 latitude>=active_conditions^2-medications_lifetime_dispenses
328 latitude>=1/2*Chloride-mean_Respiratory_rate
329 latitude>=(Body_temperature+1)^immunizations_lifetime
330 latitude>=(Body_temperature+1)^QOLS
331 latitude>=2*DALY-QALY
332 latitude>=Carbon_Dioxide+mean_Respiratory_rate-1
333 latitude>=Calcium+e^Globulin__Mass_volume__in_Serum_by_calculation
334 latitude>=(1/2*Creatinine)^active_care_plans
335 latitude>=log(Protein__Mass_volume__in_Serum,Plasma)*mean_Calcium
336 latitude>=sqrt(medications_lifetime_dispenses)-active_care_plan_length
337 latitude>=1/2*Systolic_Blood_Pressure-age
338 latitude>=1/2*Diastolic_Blood_Pressure-active_care_plan_length
339 latitude>=1/2*Diastolic_Blood_Pressure-medications_lifetime
340 latitude>=-Chloride+ceil(Sodium)

```

```

341 latitude>=1/2*Chloride-Respiratory_rate
342 longitude<=-latitude-1
343 longitude<=-active_conditions-device_lifetime_length
344 longitude<=-Chloride+latitude-1
345 longitude<=Low_Density_Lipoprotein_Cholesterol-Sodium+1
346 longitude<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood-
mean_Diastolic_Blood_Pressure
347 longitude<=(-lifetime_care_plan_length)^DALY
348 longitude<=-2*Body_Mass_Index
349 longitude<=DALY-QALY
350 longitude<=(active_care_plans-1)*age
351 longitude<=(active_care_plans-1)*encounters_count
352 longitude<=(lifetime_care_plans-1)*Body_Weight
353 longitude<=2*High_Density_Lipoprotein_Cholesterol-
mean_Low_Density_Lipoprotein_Cholesterol
354 longitude<=(num_allergies-1)*active_condition_length
355 longitude<=Diastolic_Blood_Pressure-mean_Sodium-1
356 longitude<=Respiratory_rate-age
357 longitude<=-active_care_plans-latitude
358 longitude<=Body_Mass_Index-Heart_rate-1
359
longitude<=-Glomerular_filtration_rate_1_73_sq_M_predicted+medications_lifetime
360 longitude<=-QALY+medications_lifetime_cost-1
361 longitude<=Body_Weight-Sodium-1
362 longitude<=floor(Triglycerides)-mean_Microalbumin_Creatinine_Ratio
363 longitude<=High_Density_Lipoprotein_Cholesterol-mean_Glucose
364 longitude<=-QALY+log(Systolic_Blood_Pressure)
365 longitude<=sqrt(Triglycerides)-active_care_plan_length
366 longitude<=-Triglycerides+mean_Systolic_Blood_Pressure
367 longitude<=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Pl
asma)-active_condition_length
368 longitude<=-age+e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
369 longitude<=1/2*Body_Weight-Chloride
370 longitude<=2*Carbon_Dioxide-mean_Glucose
371 longitude<=-2*procedures_lifetime
372 longitude<=-2*DALY
373 longitude<=e^active_conditions-lifetime_care_plan_length
374 longitude<=log(healthcare_expenses)/log(10)-QALY
375 longitude<=Globulin__Mass_volume__in_Serum_by_calculation-QALY+1
376 longitude<=-latitude-lifetime_care_plans
377 longitude<=-active_conditions-latitude
378 longitude<=-latitude-lifetime_conditions
379 longitude<=-Respiratory_rate-latitude
380 longitude<=lifetime_conditions^2-age
381 longitude<=(active_conditions-1)*medications_lifetime
382 longitude<=-Diastolic_Blood_Pressure+e^encounters_count
383 longitude<=DALY^2-age
384 longitude<=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum

```

```

,Plasma-Glucose
385 longitude<=(QOLS-1)*Heart_rate
386 longitude<=Creatinine^2-Protein__Mass_volume__in_Serum,Plasma
387 longitude<=medications_lifetime^2-Alkaline_phosphatase__Enzymatic_activity_v
olume__in_Serum,Plasma
388 longitude<=-Calcium*Hemoglobin_A1c_Hemoglobin_total_in_Blood
389 longitude<=-mean_Heart_rate*medications_lifetime_perc_covered
390 longitude<=-medications_lifetime_dispenses/QALY
391 longitude<=sqrt(Systolic_Blood_Pressure)-active_care_plan_length
392 longitude<=log(QOLS)*mean_Low_Density_Lipoprotein_Cholesterol/log(10)
393 longitude<=Respiratory_rate^2-Total_Cholesterol
394 longitude<=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Pl
asma)-mean_Protein__Mass_volume__in_Serum,Plasma
395 longitude<=(DALY-1)*age
396 longitude<=(DALY-1)*lifetime_care_plan_length
397 longitude<=(DALY-1)*medications_lifetime
398 longitude<=Body_Mass_Index-Body_Weight+1
399 longitude<=-QALY+log(Glucose)
400 longitude<=2*High_Density_Lipoprotein_Cholesterol-Sodium
401 longitude>=-2*latitude
402 longitude>=Body_Mass_Index-Systolic_Blood_Pressure+1
403 longitude>=Carbon_Dioxide-Chloride+1
404 longitude>=log(immunizations_lifetime)-mean_Glucose
405 longitude>=-Heart_rate-encounters_count
406 longitude>=-Body_Height+Heart_rate
407 longitude>=log(High_Density_Lipoprotein_Cholesterol)/log(10)-mean_Heart_rate
408 longitude>=-Creatinine*Low_Density_Lipoprotein_Cholesterol
409 longitude>=-Glucose-Potassium
410 longitude>=sqrt(Glomerular_filtration_rate_1_73_sq_M_predicted)-Low_Density_
Lipoprotein_Cholesterol
411 longitude>=1/2*age-mean_Systolic_Blood_Pressure
412 longitude>=Globulin__Mass_volume__in_Serum_by_calculation-Glucose-1
413 longitude>=-Calcium^2
414 longitude>=-Glomerular_filtration_rate_1_73_sq_M_predicted-
procedures_lifetime_cost
415
longitude>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-
latitude
416 longitude>=-Diastolic_Blood_Pressure-active_care_plans
417 longitude>=-Body_Height+Body_Weight-1
418 longitude>=log(medications_lifetime_perc_covered)/log(10)-Body_Weight
419 longitude>=-Chloride+mean_Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma
420 longitude>=-Total_Cholesterol+age-1
421 longitude>=-Chloride+2*procedures_lifetime
422 longitude>=-Potassium-mean_Heart_rate
423 longitude>=active_care_plans^2-Sodium
424 longitude>=-Chloride+2*active_conditions

```

```

425 longitude>=-Body_Weight+log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
426 longitude>=floor(device_lifetime_length)-mean_Systolic_Blood_Pressure
427 longitude>=-lifetime_condition_length+log(device_lifetime_length)
428 longitude>=-Glomerular_filtration_rate_1_73_sq_M_predicted-
Protein_Mass_volume_in_Serum,Plasma
429 longitude>=-Diastolic_Blood_Pressure-immunizations_lifetime_cost
430 longitude>=-Diastolic_Blood_Pressure-medications_lifetime
431 longitude>=log(Microalbumin_Creatinine_Ratio)-medications_lifetime_cost
432 longitude>=log(medications_lifetime_perc_covered)/log(10)-Diastolic_Blood_Pr
essure
433 longitude>=-mean_Diastolic_Blood_Pressure-medications_active
434 longitude>=1/2*Diastolic_Blood_Pressure-mean_Triglycerides
435 longitude>=-Calcium-Heart_rate
436 age<=2*latitude
437 age<=active_condition_length+latitude-1
438 age<=2*QALY+encounters_count
439 age<=(DALY+1)*Alanine_aminotransferase__Enzymatic_activity_volume_in_Serum,
Plasma
440 age<=e^encounters_count+latitude
441 age<=maximum(lifetime_condition_length,-longitude)
442 age<=10^active_conditions+latitude
443 age<=sqrt(Diastolic_Blood_Pressure)+mean_Diastolic_Blood_Pressure
444 age<=Respiratory_rate*encounters_count
445 age<=latitude+1/2*lifetime_condition_length
446 age<=sqrt(Chloride)+Heart_rate
447 age<=2*Heart_rate/immunizations_lifetime
448 age<=(log(Diastolic_Blood_Pressure)/log(10))^Microalbumin_Creatinine_Ratio
449 age<=2*Diastolic_Blood_Pressure/num_allergies
450 age<=sqrt(Estimated_Glomerular_Filtration_Rate)+Diastolic_Blood_Pressure
451 age<=(2*Triglycerides)^mean_Creatinine
452 age<=Alkaline_phosphatase__Enzymatic_activity_volume_in_Serum,Plasma*e^QOLS
453 age<=maximum(latitude,e^active_condition_length)
454 age<=mean_Diastolic_Blood_Pressure+medications_lifetime_length-1
455 age<=Potassium+lifetime_condition_length
456 age<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-immunizations_lifetime_cost
457 age<=Calcium+mean_Glucose+1
458 age<=-Bilirubin_total__Mass_volume_in_Serum,Plasma+Glucose-1
459 age<=Body_Mass_Index+e^Potassium
460 age<=-Urea_Nitrogen+e^lifetime_conditions
461 age<=10^lifetime_care_plans-longitude
462 age<=2*Aspartate_aminotransferase__Enzymatic_activity_volume_in_Serum,Plasm
a+High_Density_Lipoprotein_Cholesterol
463 age<=QALY*log(Protein_Mass_volume_in_Serum,Plasma)/log(10)
464 age<=(Albumin_Mass_volume_in_Serum,Plasma-1)^mean_Potassium
465 age<=Estimated_Glomerular_Filtration_Rate+encounters_count
466 age<=2*Body_Height/mean_Creatinine
467 age<=1/2*Estimated_Glomerular_Filtration_Rate+Heart_rate
468 age<=DALY+mean_Heart_rate-1

```

```

469 age<=(Albumin__Mass_volume__in_Serum,Plasma-1)*Carbon_Dioxide
470 age<=1/2*healthcare_coverage/procedures_lifetime
471 age<=maximum(lifetime_condition_length,2*QALY)
472 age<=active_care_plan_length^2-longitude
473 age<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+e^active_conditions
474 age<=Globulin__Mass_volume__in_Serum_by_calculation*active_conditions^2
475 age<=active_conditions^2+mean_Estimated_Glomerular_Filtration_Rate
476 age<=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+Aspa
rtate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
477 age<=maximum(Sodium,1/2*High_Density_Lipoprotein_Cholesterol)
478 age<=maximum(latitude,active_condition_length^2)
479 age<=maximum(latitude,2*lifetime_condition_length)
480 age<=maximum(latitude,10^encounters_count)
481 age<=sqrt(encounters_lifetime_total_cost)/medications_lifetime_perc_covered
482 age<=2*encounters_lifetime_total_cost/procedures_lifetime
483 age<=2*QALY+encounters_lifetime_payer_coverage
484
age<=10^encounters_lifetime_perc_covered*High_Density_Lipoprotein_Cholesterol
485 age<=Microalbumin_Creatinine_Ratio^2+mean_Microalbumin_Creatinine_Ratio
486 age<=1/medications_active+Low_Density_Lipoprotein_Cholesterol
487 age<=QALY*e^Creatinine
488 age<=maximum(medications_lifetime_length,2*QALY)
489 age<=(log(QALY)/log(10))^Respiratory_rate
490 age<=(log(QALY)/log(10))^mean_Urea_Nitrogen
491 age<=maximum(medications_lifetime_dispenses,2*QALY)
492 age<=DALY^2-longitude
493 age<=Body_Weight+mean_Calcium+1
494 age<=Body_Weight*ceil(Creatinine)
495 age>=QALY+1
496 age>=DALY+QALY
497 age>=Respiratory_rate*log(DALY)
498 age>=QALY+ceil(DALY)
499 age>=2*encounters_lifetime_perc_covered+procedures_lifetime
500 age>=(encounters_count+1)/Potassium
501 age>=Body_Mass_Index-Creatinine+1
502 age>=1/2*High_Density_Lipoprotein_Cholesterol-
encounters_lifetime_perc_covered
503 age>=Carbon_Dioxide*log(procedures_lifetime)
504 age>=log(medications_lifetime_length)*num_allergies
505 age>=2*Protein__Mass_volume__in_Serum,Plasma-mean_Glucose
506 age>=Glomerular_filtration_rate_1_73_sq_M_predicted-encounters_count
507 age>=DALY+ceil(QALY)
508
age>=active_care_plan_length+log(Globulin__Mass_volume__in_Serum_by_calculation)
509 age>=Creatinine+active_condition_length-1
510 age>=floor(1/2*latitude)
511 age>=medications_active/Bilirubin_total__Mass_volume__in_Serum,Plasma
512 age>=4*lifetime_conditions

```



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513 age>=floor(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)^encount
ers_lifetime_perc_covered
514 age>=-Protein__Mass_volume__in_Serum,Plasma+2*QALY
515
age>=log(Estimated_Glomerular_Filtration_Rate)/log(10)+active_care_plan_length
516 age>=2*lifetime_conditions+mean_Aspartate_aminotransferase__Enzymatic_activi
ty_volume__in_Serum,Plasma
517 age>=active_condition_length+e^encounters_lifetime_perc_covered
518 age>=ceil(QALY+1)
519 age>=Heart_rate^2/encounters_lifetime_total_cost
520 age>=log(procedures_lifetime_cost)^imaging_studies_lifetime
521 age>=log(num_allergies)/log(10)+active_care_plan_length
522 age>=QALY+1/2*active_care_plans
523 age>=log(lifetime_conditions)+procedures_lifetime
524 age>=QALY+log(lifetime_care_plans)
525 age>=minimum(latitude,2*DALY)
526 age>=Body_Weight^2/encounters_lifetime_total_cost
527 age>=log(medications_lifetime_cost)/log(10)+device_lifetime_length
528 age>=QALY+log(active_conditions)
529 age>=QALY+log(Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
530 age>=log(Pain_severity___0_10_verbal_numeric_rating__Score____Reported)/log(
10)+active_care_plan_length
531 age>=latitude*log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_
Serum,Plasma)/log(10)
532 age>=QALY+log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
533 age>=sqrt(Globulin__Mass_volume__in_Serum_by_calculation)+QALY
534 age>=log(Estimated_Glomerular_Filtration_Rate)/log(10)+QALY
535 num_allergies<=healthcare_coverage
536 num_allergies<=active_conditions
537 num_allergies<=active_care_plan_length
538 num_allergies<=medications_lifetime
539 num_allergies<=encounters_lifetime_payer_coverage
540 num_allergies<=(log(Urea_Nitrogen)/log(10))^healthcare_expenses
541 num_allergies<=medications_active+1
542 num_allergies<=floor(Globulin__Mass_volume__in_Serum_by_calculation)
543 num_allergies<=2*medications_active
544 num_allergies<=(active_care_plans-1)^2
545 num_allergies<=QOLS*healthcare_expenses
546 num_allergies<=device_lifetime_length^Estimated_Glomerular_Filtration_Rate
547 num_allergies<=10^DALY
548 num_allergies<=floor(active_care_plan_length)
549 num_allergies<=(log(active_care_plan_length)/log(10))^healthcare_expenses
550 num_allergies<=procedures_lifetime/device_lifetime_length
551 num_allergies<=procedures_lifetime_cost/immunizations_lifetime
552 num_allergies<=immunizations_lifetime/imaging_studies_lifetime
553 num_allergies<=(log(encounters_count)/log(10))^healthcare_expenses
554
num_allergies<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported^2

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555 num_allergies<=medications_active/procedures_lifetime
556 num_allergies<=imaging_studies_lifetime^Estimated_Glomerular_Filtration_Rate
557 num_allergies<=-active_care_plans+encounters_count
558 num_allergies<=Creatinine^healthcare_expenses
559 num_allergies<=medications_lifetime/active_care_plans
560 num_allergies<=-active_care_plan_length+lifetime_care_plan_length
561 num_allergies<=maximum(Triglycerides,floor(medications_active))
562
num_allergies<=maximum(Respiratory_rate,10^medications_lifetime_perc_covered)
563 num_allergies<=e^encounters_lifetime_payer_coverage*immunizations_lifetime
564 num_allergies<=floor(1/2*medications_lifetime)
565 num_allergies<=active_condition_length-device_lifetime_length
566 num_allergies<=-active_condition_length+lifetime_condition_length
567 num_allergies<=immunizations_lifetime/device_lifetime_length
568 num_allergies<=(1/medications_lifetime)^Platelet_distribution_width__Entitic
_volume__in_Blood_by_Automated_count
569 num_allergies<=Respiratory_rate/active_care_plans
570 num_allergies<=DALY^Triglycerides
571 num_allergies<=Triglycerides*floor(DALY)
572 num_allergies<=e^medications_lifetime_dispenses*medications_lifetime_perc_co
vered
573 num_allergies<=10^active_care_plans/lifetime_condition_length
574 num_allergies>=-imaging_studies_lifetime
575 num_allergies>=-healthcare_coverage
576 num_allergies>=-active_care_plans
577 num_allergies>=-active_conditions
578 num_allergies>=-device_lifetime_length
579 num_allergies>=-Diastolic_Blood_Pressure+ceil(active_care_plan_length)
580 num_allergies>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma+lifetime_conditions
581 num_allergies>=1/2*Sodium-mean_Glucose
582 num_allergies>=active_care_plan_length-age+1
583 num_allergies>=log(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum
,Plasma)/log(10)-medications_active
584 active_care_plans<=lifetime_care_plans
585 active_care_plans<=floor(sqrt(age))
586 active_care_plans<=active_care_plan_length*healthcare_expenses
587 active_care_plans<=ceil(lifetime_care_plan_length)
588 active_care_plans<=maximum(active_conditions,Pain_severity___0_10_verbal_num
eric_rating__Score___Reported)
589 active_care_plans<=minimum(Triglycerides,active_conditions-1)
590 active_care_plans<=ceil(age)-procedures_lifetime
591 active_care_plans<=maximum(active_conditions,10^medications_active)
592 active_care_plans<=Heart_rate/Calcium
593 active_care_plans<=-Pain_severity___0_10_verbal_numeric_rating__Score___Rep
orted+ceil(Calcium)
594 active_care_plans<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+procedures
_lifetime

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```

595 active_care_plans<=maximum(Sodium,Pain_severity___0_10_verbal_numeric_rating
__Score____Reported+1)
596 active_care_plans<=(log(Respiratory_rate)/log(10))^active_care_plan_length
597 active_care_plans<=sqrt(lifetime_care_plan_length)+QOLS
598 active_care_plans>=imaging_studies_lifetime
599 active_care_plans>=floor(e^Bilirubin_total__Mass_volume__in_Serum,Plasma)
600 active_care_plans>=immunizations_lifetime*num_allergies
601 active_care_plans>=num_allergies-1
602 active_care_plans>=immunizations_lifetime-1
603 active_care_plans>=log(medications_lifetime_length)/log(10)-Creatinine
604 active_care_plans>=Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted-encounters_lifetime_payer_coverage
605 active_care_plans>=lifetime_care_plans-lifetime_conditions
606 active_care_plans>=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)
607 active_care_plans>=-Pain_severity___0_10_verbal_numeric_rating__Score____Rep
orted+floor(Creatinine)
608 active_care_plans>=sqrt(immunizations_lifetime_cost)-Aspartate_aminotransfer
ase__Enzymatic_activity_volume__in_Serum,Plasma
609 active_care_plans>=ceil(lifetime_care_plan_length)/mean_High_Density_Lipopro
tein_Cholesterol
610 active_care_plans>=floor(1/2*mean_Creatinine)
611 active_care_plans>=Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted-immunizations_lifetime_cost
612 active_care_plans>=minimum(lifetime_care_plans,num_allergies^2)
613 active_care_plans>=-encounters_lifetime_payer_coverage+lifetime_care_plans-1
614 active_care_plans>=-healthcare_coverage+lifetime_care_plans
615 active_care_plans>=-Body_Mass_Index+DALY+1
616 active_care_plans>=-active_condition_length+active_conditions
617 active_care_plans>=-Protein__Mass_volume__in_Serum,Plasma+active_condition_l
ength-1
618 active_care_plans>=1/2*imaging_studies_lifetime*lifetime_care_plans
619 active_care_plans>=floor(log(lifetime_care_plan_length)/log(10))
620 active_care_plans>=active_care_plan_length/lifetime_care_plan_length
621 active_care_plans>=-Respiratory_rate+active_conditions+1
622 active_care_plans>=-Respiratory_rate+lifetime_conditions
623 active_care_plans>=minimum(device_lifetime_length,medications_active)
624 active_care_plans>=minimum(device_lifetime_length,lifetime_care_plans-1)
625 active_care_plans>=floor(log(active_care_plan_length)/log(10))
626 active_care_plans>=minimum(active_care_plan_length,QOLS)
627 active_care_plans>=minimum(medications_active,lifetime_care_plans-1)
628 active_care_plans>=floor(log(Microalbumin_Creatinine_Ratio)/log(10))
629 active_care_plans>=ceil(1/mean_Creatinine)
630 active_care_plans>=1/2*lifetime_care_plan_length/Carbon_Dioxide
631 active_care_plans>=-Pain_severity___0_10_verbal_numeric_rating__Score____Rep
orted+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
632 active_care_plans>=floor(log(procedures_lifetime)/log(10))
633 active_care_plans>=(1/log(active_care_plan_length))
634 active_care_plans>=floor(1/2*Creatinine)

```

```

635
active_care_plans>=sqrt(Carbon_Dioxide)-Hemoglobin_A1c_Hemoglobin_total_in_Blood
636 active_care_plans>=lifetime_care_plans^2-mean_Estimated_Glomerular_Filtratio
n_Rate
637 active_care_plans>=1/2*lifetime_care_plans/mean_Creatinine
638 active_care_plans>=1/2*lifetime_care_plan_length/mean_Estimated_Glomerular_F
iltration_Rate
639 active_care_plans>=minimum(Estimated_Glomerular_Filtration_Rate,lifetime_car
e_plans-1)
640 active_care_plans>=log(lifetime_care_plans)-procedures_lifetime_cost
641 active_care_plans>=minimum(lifetime_care_plans,medications_active-1)
642 active_care_plans>=-encounters_count+2*lifetime_care_plans
643 active_care_plans>=active_conditions-encounters_count-1
644 active_care_plans>=-encounters_count+log(lifetime_care_plan_length)
645 active_care_plans>=minimum(lifetime_care_plans,sqrt(device_lifetime_length))
646 active_care_plans>=(Pain_severity___0_10_verbal_numeric_rating__Score____Rep
orted-1)/Creatinine
647 active_care_plans>=-encounters_count+floor(Aspartate_aminotransferase__Enzym
atic_activity_volume__in_Serum,Plasma)
648 active_care_plans>=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)*life
time_care_plans
649 lifetime_care_plans<=active_care_plans+encounters_lifetime_payer_coverage+1
650 lifetime_care_plans<=active_care_plans+lifetime_conditions
651 lifetime_care_plans<=encounters_count
652 lifetime_care_plans<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^2
653 lifetime_care_plans<=ceil(sqrt(Estimated_Glomerular_Filtration_Rate))
654 lifetime_care_plans<=2*floor(Albumin__Mass_volume__in_Serum,Plasma)
655 lifetime_care_plans<=encounters_lifetime_payer_coverage+mean_Pain_severity__
_0_10_verbal_numeric_rating__Score____Reported
656 lifetime_care_plans<=maximum(active_care_plan_length,lifetime_conditions)
657 lifetime_care_plans<=ceil(10^mean_Creatinine)
658 lifetime_care_plans<=healthcare_expenses*lifetime_care_plan_length
659 lifetime_care_plans<=floor(10^lifetime_care_plan_length)
660 lifetime_care_plans<=10^active_conditions
661 lifetime_care_plans<=encounters_count-immunizations_lifetime
662 lifetime_care_plans<=1/medications_lifetime_perc_covered+lifetime_conditions
663 lifetime_care_plans<=Respiratory_rate-
mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
664 lifetime_care_plans<=2*encounters_count/medications_active
665 lifetime_care_plans<=minimum(Estimated_Glomerular_Filtration_Rate,active_car
e_plans+1)
666 lifetime_care_plans<=active_care_plans+mean_Pain_severity___0_10_verbal_nume
ric_rating__Score____Reported+1
667 lifetime_care_plans<=minimum(healthcare_expenses,sqrt(Platelet_mean_volume__
Entitic_volume__in_Blood_by_Automated_count))
668 lifetime_care_plans<=sqrt(healthcare_expenses)/mean_Microalbumin_Creatinine_
Ratio
669 lifetime_care_plans<=floor(Albumin__Mass_volume__in_Serum,Plasma)+procedures

```

```

_lifetime_cost
670 lifetime_care_plans<=ceil(1/2*mean_Urea_Nitrogen)
671 lifetime_care_plans<=minimum(Respiratory_rate,medications_lifetime+1)
672 lifetime_care_plans<=Carbon_Dioxide/Pain_severity___0_10_verbal_numeric_rating_Score___Reported
673 lifetime_care_plans<=encounters_lifetime_perc_covered^longitude
674 lifetime_care_plans<=active_conditions*mean_Creatinine
675 lifetime_care_plans<=-DALY+Glomerular_filtration_rate_1_73_sq_M_predicted+1
676 lifetime_care_plans<=Respiratory_rate/num_allergies
677 lifetime_care_plans<=active_care_plans+healthcare_coverage
678 lifetime_care_plans<=active_care_plan_length^Triglycerides
679 lifetime_care_plans<=Pain_severity___0_10_verbal_numeric_rating_Score___Reported+medications_lifetime
680 lifetime_care_plans<=10^active_care_plans*Bilirubin_total__Mass_volume__in_Serum,Plasma
681 lifetime_care_plans<=maximum(active_care_plans,sqrt(Microalbumin_Creatinine_Ratio))
682 lifetime_care_plans<=sqrt(healthcare_expenses)/device_lifetime_length
683 lifetime_care_plans<=medications_lifetime/num_allergies
684 lifetime_care_plans<=maximum(lifetime_conditions,active_care_plans^2)
685 lifetime_care_plans<=maximum(lifetime_conditions,active_care_plan_length-1)
686 lifetime_care_plans<=Glomerular_filtration_rate_1_73_sq_M_predicted-Urea_Nitrogen
687 lifetime_care_plans<=2*Calcium-procedures_lifetime
688 lifetime_care_plans<=log(healthcare_expenses)/log(10)+active_care_plans
689 lifetime_care_plans<=-active_conditions+floor(Carbon_Dioxide)
690 lifetime_care_plans<=2*medications_lifetime_dispenses/medications_lifetime
691 lifetime_care_plans<=10^medications_active+Pain_severity___0_10_verbal_numeric_rating_Score___Reported
692 lifetime_care_plans<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*DALY^2
693 lifetime_care_plans<=sqrt(encounters_count)/encounters_lifetime_perc_covered
694 lifetime_care_plans<=active_conditions+mean_Pain_severity___0_10_verbal_numeric_rating_Score___Reported
695 lifetime_care_plans<=maximum(active_care_plans,1/num_allergies)
696 lifetime_care_plans<=log(healthcare_expenses)/(log(10)*medications_lifetime_perc_covered)
697 lifetime_care_plans<=log(QALY)+medications_lifetime
698 lifetime_care_plans<=ceil(lifetime_care_plan_length+1)
699
lifetime_care_plans<=(1/encounters_lifetime_perc_covered)^lifetime_conditions
700 lifetime_care_plans<=10^medications_lifetime+procedures_lifetime
701 lifetime_care_plans<=longitude^2/medications_lifetime
702 lifetime_care_plans<=(1/2*encounters_count)^Respiratory_rate
703 lifetime_care_plans<=10^medications_active+mean_Pain_severity___0_10_verbal_numeric_rating_Score___Reported
704 lifetime_care_plans<=e^active_care_plans+procedures_lifetime_cost
705 lifetime_care_plans<=maximum(lifetime_care_plan_length,10^QOLS)

```

```

706 lifetime_care_plans<=maximum(lifetime_conditions,10^DALY)
707 lifetime_care_plans<=maximum(active_care_plans,encounters_count-1)
708 lifetime_care_plans<=encounters_count^2/active_conditions
709 lifetime_care_plans<=Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma^2-encounters_count
710 lifetime_care_plans<=maximum(Sodium,10^Pain_severity___0_10_verbal_numeric_r
ating__Score____Reported)
711
lifetime_care_plans<=(log(Systolic_Blood_Pressure)/log(10))^active_conditions
712 lifetime_care_plans<=2*Body_Weight-Sodium
713 lifetime_care_plans>=active_care_plans
714 lifetime_care_plans>=sqrt(procedures_lifetime)-encounters_count
715 lifetime_care_plans>=minimum(QOLS,ceil(lifetime_care_plan_length))
716 lifetime_care_plans>=-Respiratory_rate+lifetime_conditions+1
717 lifetime_care_plans>=medications_active^Bilirubin_total__Mass_volume__in_Uri
ne_by_Test_strip
718 lifetime_care_plans>=minimum(immunizations_lifetime,procedures_lifetime)
719 lifetime_care_plans>=immunizations_lifetime*log(procedures_lifetime)/log(10)
720 lifetime_care_plans>=10^imaging_studies_lifetime-
Pain_severity___0_10_verbal_numeric_rating__Score____Reported
721 lifetime_care_plans>=minimum(lifetime_care_plan_length,1/active_care_plans)
722 lifetime_care_plans>=-Pain_severity___0_10_verbal_numeric_rating__Score____R
eported+log(procedures_lifetime)
723 lifetime_care_plans>=sqrt(Body_Height)-Respiratory_rate
724 active_care_plan_length<=ceil(age)-encounters_lifetime_perc_covered
725 active_care_plan_length<=lifetime_care_plan_length
726 active_care_plan_length<=Diastolic_Blood_Pressure+1/2*QOLS
727 active_care_plan_length<=Bilirubin_total__Mass_volume__in_Serum,Plasma+floor
(Low_Density_Lipoprotein_Cholesterol)
728 active_care_plan_length<=Glucose^2/age
729 active_care_plan_length<=10^lifetime_care_plan_length/latitude
730 active_care_plan_length<=encounters_lifetime_payer_coverage+e^medications_li
ifetime
731 active_care_plan_length<=maximum(active_condition_length,e^Potassium)
732 active_care_plan_length<=2*Heart_rate+longitude
733 active_care_plan_length<=10^Potassium/mean_Microalbumin_Creatinine_Ratio
734 active_care_plan_length<=active_care_plans*healthcare_expenses
735 active_care_plan_length<=maximum(active_condition_length,1/device_lifetime_l
ength)
736 active_care_plan_length<=ceil(active_condition_length)/medications_lifetime_
perc_covered
737 active_care_plan_length<=age-medications_lifetime_perc_covered
738 active_care_plan_length<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+floo
r(age)
739 active_care_plan_length<=2*ceil(Alkaline_phosphatase__Enzymatic_activity_vol
ume__in_Serum,Plasma)
740 active_care_plan_length<=10^Pain_severity___0_10_verbal_numeric_rating__Scor
e____Reported*latitude

```

741 active_care_plan_length<=Alkaline_phosphatase__Enzymatic_activity_volume__in
 _Serum,Plasma+e^medications_active
 742 active_care_plan_length<=ceil(lifetime_care_plan_length)-imaging_studies_lif
 etime
 743 active_care_plan_length<=maximum(lifetime_condition_length,QALY)
 744 active_care_plan_length<=Estimated_Glomerular_Filtration_Rate+QALY-1
 745 active_care_plan_length<=sqrt(medications_lifetime_dispenses)+Estimated_Glom
 erular_Filtration_Rate
 746 active_care_plan_length<=Estimated_Glomerular_Filtration_Rate^2/device_lifet
 ime_length
 747 active_care_plan_length<=2*Total_Cholesterol/Albumin__Mass_volume__in_Serum,
 Plasma
 748 active_care_plan_length<=Urea_Nitrogen+e^Potassium
 749 active_care_plan_length<=minimum(healthcare_expenses,mean_Hematocrit__Volume
 _Fraction__of_Blood_by_Automated_count)
 750 active_care_plan_length<=maximum(lifetime_condition_length,floor(QALY))
 751 active_care_plan_length<=(High_Density_Lipoprotein_Cholesterol-1)*DALY
 752 active_care_plan_length<=log(Triglycerides)^Hemoglobin_A1c_Hemoglobin_total_
 in_Blood
 753 active_care_plan_length<=Creatinine*Microalbumin_Creatinine_Ratio^2
 754 active_care_plan_length<=Chloride*DALY^2
 755 active_care_plan_length<=maximum(active_condition_length,Glomerular_filtrati
 on_rate_1_73_sq_M_predicted)
 756 active_care_plan_length<=10^encounters_count/Heart_rate
 757 active_care_plan_length<=(active_care_plans+1)^mean_History_of_Hospitalizati
 ons_Outpatient_visits
 758 active_care_plan_length<=10^Pain_severity___0_10_verbal_numeric_rating__Scor
 e___Reported*Microalbumin_Creatinine_Ratio
 759 active_care_plan_length<=Carbon_Dioxide+mean_High_Density_Lipoprotein_Choles
 terol
 760 active_care_plan_length<=age+num_allergies-1
 761 active_care_plan_length<=maximum(QALY,encounters_count^2)
 762 active_care_plan_length<=(active_care_plans+1)^Mental_health_Outpatient_Note
 763 active_care_plan_length<=encounters_count^2+latitude
 764 active_care_plan_length<=maximum(QALY,e^encounters_count)
 765 active_care_plan_length<=sqrt(encounters_lifetime_total_cost)/encounters_lif
 etime_perc_covered
 766 active_care_plan_length<=floor(lifetime_care_plan_length)^Respiratory_rate
 767 active_care_plan_length<=active_conditions^2+QALY
 768 active_care_plan_length<=1/2*Body_Weight+medications_lifetime_dispenses
 769 active_care_plan_length<=(Body_Mass_Index-1)/imaging_studies_lifetime
 770 active_care_plan_length<=10^medications_active*QALY
 771 active_care_plan_length<=2*QALY-procedures_lifetime
 772 active_care_plan_length<=2*Glucose/num_allergies
 773 active_care_plan_length<=(log(Respiratory_rate)/log(10))^age
 774 active_care_plan_length<=sqrt(Aspartate_aminotransferase__Enzymatic_activity
 _volume__in_Serum,Plasma)^Albumin__Mass_volume__in_Serum,Plasma
 775 active_care_plan_length>=num_allergies

```

776 active_care_plan_length>=minimum(Carbon_Dioxide,-Triglycerides)
777 active_care_plan_length>=Albumin__Mass_volume__in_Serum,Plasma*medications_a
ctive
778 active_care_plan_length>=1/2*Chloride-healthcare_coverage
779 active_care_plan_length>=active_conditions*e^Bilirubin_total__Mass_volume__i
n_Serum,Plasma
780 active_care_plan_length>=minimum(Calcium,abs(lifetime_care_plan_length))
781 active_care_plan_length>=sqrt(imaging_studies_lifetime)^Calcium
782 active_care_plan_length>=Diastolic_Blood_Pressure-mean_Glucose+1
783 active_care_plan_length>=(log(Glucose)/log(10))^mean_Creatinine
784 active_care_plan_length>=log(num_allergies)/log(10)+active_condition_length
785 active_care_plan_length>=active_care_plans*log(lifetime_care_plan_length)/lo
g(10)
786 active_care_plan_length>=-Heart_rate+1/2*Microalbumin_Creatinine_Ratio
787 active_care_plan_length>=2*lifetime_condition_length/Carbon_Dioxide
788 active_care_plan_length>=active_care_plans*log(device_lifetime_length)
789 active_care_plan_length>=-Creatinine+e^Pain_severity__0_10_verbal_numeric_r
ating__Score___Reported
790 active_care_plan_length>=(Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma+1)/Globulin__Mass_volume__in_Serum_by_calculation
791 active_care_plan_length>=-Alanine_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma+1/2*Chloride
792 active_care_plan_length>=2*encounters_count/mean_Urea_Nitrogen
793 active_care_plan_length>=Respiratory_rate*log(lifetime_care_plans)/log(10)
794 active_care_plan_length>=1/2*medications_lifetime_dispenses/Alkaline_phospha
tase__Enzymatic_activity_volume__in_Serum,Plasma
795 active_care_plan_length>=-Sodium+Systolic_Blood_Pressure+1
796 active_care_plan_length>=minimum(Respiratory_rate,procedures_lifetime-1)
797 active_care_plan_length>=10^num_allergies*Bilirubin_total__Mass_volume__in_S
erum,Plasma
798 active_care_plan_length>=(1/2*Erythrocytes___volume__in_Blood_by_Automated_
count)^Pain_severity__0_10_verbal_numeric_rating__Score___Reported
799
active_care_plan_length>=minimum(active_condition_length,1/2*active_care_plans)
800 active_care_plan_length>=active_care_plans^2-encounters_count
801 active_care_plan_length>=floor(lifetime_care_plan_length)-medications_lifeti
me_cost
802
active_care_plan_length>=active_care_plans^2*medications_lifetime_perc_covered
803 active_care_plan_length>=Pain_severity__0_10_verbal_numeric_rating__Score__
__Reported*active_care_plans
804 active_care_plan_length>=2*Body_Mass_Index-
Estimated_Glomerular_Filtration_Rate
805 active_care_plan_length>=sqrt(medications_lifetime_cost)/mean_Carbon_Dioxide
806 active_care_plan_length>=log(lifetime_care_plan_length)-medications_lifetime
_perc_covered
807 active_care_plan_length>=(immunizations_lifetime-1)*DALY
808 active_care_plan_length>=sqrt(lifetime_care_plan_length)-lifetime_care_plans

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```

809 active_care_plan_length>=floor(encounters_lifetime_perc_covered)*lifetime_care_plan_length
810 active_care_plan_length>=(Diastolic_Blood_Pressure-1)/Microalbumin_Creatinine_Ratio
811 active_care_plan_length>=active_care_plans*log(immunizations_lifetime_cost)/log(10)
812 active_care_plan_length>=DALY+log(Glucose)
813 active_care_plan_length>=2*DALY-mean_Estimated_Glomerular_Filtration_Rate
814 active_care_plan_length>=sqrt(lifetime_care_plan_length)-Pain_severity___0_10_verbal_numeric_rating_Score___Reported
815 active_care_plan_length>=Body_Mass_Index+log(num_allergies)
816 active_care_plan_length>=Protein__Mass_volume__in_Serum,Plasma+log(num_allergies)
817 active_care_plan_length>=active_care_plans*log(active_conditions)/log(10)
818 active_care_plan_length>=log(lifetime_care_plan_length)*medications_active/log(10)
819 active_care_plan_length>=10^QOLS*num_allergies
820 active_care_plan_length>=Body_Mass_Index-QALY-1
821 active_care_plan_length>=mean_Estimated_Glomerular_Filtration_Rate*medications_lifetime_perc_covered
822 active_care_plan_length>=Body_Mass_Index-age+1
823 active_care_plan_length>=maximum(MCHC__Mass_volume__by_Automated_count,mean_Creatinine)
824 active_care_plan_length>=High_Density_Lipoprotein_Cholesterol-medications_lifetime_cost-1
825 active_care_plan_length>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+Protein__Mass_volume__in_Serum,Plasma+1
826 active_care_plan_length>=-Triglycerides+mean_Triglycerides
827 active_care_plan_length>=Calcium^2-Low_Density_Lipoprotein_Cholesterol
828 active_care_plan_length>=log(Urea_Nitrogen)^Pain_severity___0_10_verbal_numeric_rating_Score___Reported
829 active_care_plan_length>=log(Globulin__Mass_volume__in_Serum_by_calculation)^Urea_Nitrogen
830 lifetime_care_plan_length<=encounters_lifetime_total_cost
831 lifetime_care_plan_length<=sqrt(healthcare_expenses)-encounters_count
832 lifetime_care_plan_length<=(active_care_plan_length+1)*lifetime_care_plans
833 lifetime_care_plan_length<=maximum(active_care_plan_length,10^active_condition_length)
834 lifetime_care_plan_length<=latitude+lifetime_condition_length-1
835 lifetime_care_plan_length<=Body_Mass_Index^2/medications_active
836 lifetime_care_plan_length<=age+lifetime_condition_length-1
837
lifetime_care_plan_length<=(Protein__Mass_volume__in_Serum,Plasma+1)*Potassium
838 lifetime_care_plan_length<=2*Body_Height-Systolic_Blood_Pressure
839 lifetime_care_plan_length<=-Albumin__Mass_volume__in_Serum,Plasma+lifetime_condition_length-1
840 lifetime_care_plan_length<=1/2*Urea_Nitrogen*active_care_plan_length
841 lifetime_care_plan_length<=2*Carbon_Dioxide*active_care_plans

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842 lifetime_care_plan_length<=healthcare_expenses*lifetime_care_plans
843 lifetime_care_plan_length<=(High_Density_Lipoprotein_Cholesterol+1)*mean_Potassium
844 lifetime_care_plan_length<=healthcare_coverage^2/procedures_lifetime_cost
845 lifetime_care_plan_length<=(active_care_plans+1)*latitude
846 lifetime_care_plan_length<=maximum(active_care_plan_length,10^lifetime_care_plans)
847 lifetime_care_plan_length<=maximum(lifetime_conditions,active_care_plan_length^2)
848
lifetime_care_plan_length<=active_care_plan_length^2+lifetime_condition_length
849 lifetime_care_plan_length<=2*Bilirubin_total__Mass_volume__in_Serum,Plasma*encounters_lifetime_payer_coverage
850
lifetime_care_plan_length<=2*active_care_plan_length+lifetime_condition_length
851 lifetime_care_plan_length<=1/2*mean_Potassium*medications_lifetime_cost
852 lifetime_care_plan_length<=maximum(age,1/2*medications_lifetime_dispenses)
853 lifetime_care_plan_length<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-immunizations_lifetime_cost
854 lifetime_care_plan_length<=Microalbumin_Creatinine_Ratio*active_care_plans^2
855 lifetime_care_plan_length<=log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)*medications_lifetime_dispenses/log(10)
856 lifetime_care_plan_length<=10^active_care_plan_length/encounters_lifetime_percentage_covered
857 lifetime_care_plan_length<=2*active_care_plans*mean_Estimated_Glomerular_Filtration_Rate
858 lifetime_care_plan_length<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported*Diastolic_Blood_Pressure
859
lifetime_care_plan_length<=Sodium*log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
860 lifetime_care_plan_length<=age^2/procedures_lifetime
861 lifetime_care_plan_length<=Heart_rate+1/2*lifetime_condition_length
862 lifetime_care_plan_length<=e^Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/Carbon_Dioxide
863 lifetime_care_plan_length<=DALY^2*Low_Density_Lipoprotein_Cholesterol
864 lifetime_care_plan_length<=Diastolic_Blood_Pressure+floor(Triglycerides)
865 lifetime_care_plan_length<=Carbon_Dioxide+e^lifetime_conditions
866 lifetime_care_plan_length<=(Chloride-1)*DALY
867 lifetime_care_plan_length<=2*Triglycerides-mean_Estimated_Glomerular_Filtration_Rate
868 lifetime_care_plan_length<=log(active_care_plan_length)*mean_Glomerular_filtration_rate_1_73_sq_M_predicted
869 lifetime_care_plan_length<=age*sqrt(encounters_count)
870 lifetime_care_plan_length<=log(active_condition_length)^Potassium
871 lifetime_care_plan_length<=active_care_plan_length^2+lifetime_care_plans
872 lifetime_care_plan_length<=active_care_plans^2*mean_Estimated_Glomerular_Filtration_Rate
873 lifetime_care_plan_length<=e^lifetime_condition_length/lifetime_conditions

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```

874 lifetime_care_plan_length<=(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^life
time_care_plans
875 lifetime_care_plan_length<=sqrt(encounters_lifetime_total_cost)+lifetime_con
dition_length
876 lifetime_care_plan_length<=Body_Mass_Index+2*Glucose
877 lifetime_care_plan_length<=maximum(age,10^active_care_plans)
878 lifetime_care_plan_length<=10^Pain_severity___0_10_verbal_numeric_rating__Sc
ore____Reported*mean_Diastolic_Blood_Pressure
879 lifetime_care_plan_length<=maximum(active_care_plan_length,10^medications_li
fetime_cost)
880 lifetime_care_plan_length<=10^active_care_plan_length*lifetime_care_plans
881 lifetime_care_plan_length<=10^medications_active*mean_Glucose
882 lifetime_care_plan_length<=log(Estimated_Glomerular_Filtration_Rate)*medicat
ions_lifetime_length
883 lifetime_care_plan_length<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/activ
e_care_plans
884 lifetime_care_plan_length<=Body_Weight*log(Urea_Nitrogen)
885 lifetime_care_plan_length<=High_Density_Lipoprotein_Cholesterol*log(Alkaline
_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
886 lifetime_care_plan_length>=num_allergies
887 lifetime_care_plan_length>=active_care_plan_length
888
lifetime_care_plan_length>=minimum(active_care_plans,lifetime_condition_length)
889 lifetime_care_plan_length>=log(lifetime_care_plans)+medications_lifetime_per
c_covered
890 lifetime_care_plan_length>=ceil(e^Globulin__Mass_volume__in_Serum_by_calcula
tion)
891 lifetime_care_plan_length>=(Albumin__Mass_volume__in_Serum,Plasma+1)^2
892 lifetime_care_plan_length>=Low_Density_Lipoprotein_Cholesterol-
healthcare_coverage+1
893 lifetime_care_plan_length>=Potassium*num_allergies^2
894 lifetime_care_plan_length>=2*active_care_plans/Bilirubin_total__Mass_volume_
_in_Serum,Plasma
895 lifetime_care_plan_length>=2*lifetime_care_plans/Systolic_Blood_Pressure
896 lifetime_care_plan_length>=1/2*lifetime_care_plans-procedures_lifetime
897 lifetime_care_plan_length>=active_care_plan_length+2*num_allergies
898 lifetime_care_plan_length>=sqrt(Creatinine)^Potassium
899 lifetime_care_plan_length>=active_care_plan_length+log(active_care_plans)
900 lifetime_care_plan_length>=Potassium^2-encounters_lifetime_payer_coverage
901 lifetime_care_plan_length>=(medications_lifetime_dispenses+1)/Estimated_Glom
erular_Filtration_Rate
902 lifetime_care_plan_length>=log(device_lifetime_length)*mean_Carbon_Dioxide
903 lifetime_care_plan_length>=(log(encounters_count)/log(10))^Potassium
904 lifetime_care_plan_length>=Pain_severity___0_10_verbal_numeric_rating__Score
____Reported*active_care_plans^2
905 lifetime_care_plan_length>=minimum(lifetime_care_plans,2*medications_lifetim
e_perc_covered)
906 lifetime_care_plan_length>=1/2*medications_lifetime/mean_Hemoglobin_A1c_Hemo

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globin_total_in_Blood
907 lifetime_care_plan_length>=active_care_plan_length^2/Alkaline_phosphatase__E
nzymatic_activity_volume__in_Serum,Plasma
908 lifetime_care_plan_length>=log(active_care_plans)*procedures_lifetime
909 lifetime_care_plan_length>=(lifetime_care_plans-1)*Calcium
910 lifetime_care_plan_length>=active_conditions^2-Total_Cholesterol
911 lifetime_care_plan_length>=10^Globulin__Mass_volume__in_Serum_by_calculation
/Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
912 lifetime_care_plan_length>=minimum(DALY,2*active_care_plan_length)
913 lifetime_care_plan_length>=1/2*QOLS*mean_Microalbumin_Creatinine_Ratio
914 lifetime_care_plan_length>=active_care_plan_length*log(active_care_plans)
915 lifetime_care_plan_length>=Microalbumin_Creatinine_Ratio-encounters_count+1
916 lifetime_care_plan_length>=Microalbumin_Creatinine_Ratio-
procedures_lifetime_cost+1
917 lifetime_care_plan_length>=active_care_plan_length
918 lifetime_care_plan_length>=active_care_plan_length
919 lifetime_care_plan_length>=age*sqrt(num_allergies)
920 lifetime_care_plan_length>=active_conditions^2*num_allergies
921 lifetime_care_plan_length>=-Alanine_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma+2*active_care_plan_length
922 lifetime_care_plan_length>=e^active_care_plans/Aspartate_aminotransferase__E
nzymatic_activity_volume__in_Serum,Plasma
923 lifetime_care_plan_length>=lifetime_care_plans*log(active_care_plan_length)
924 lifetime_care_plan_length>=-Pain_severity___0_10_verbal_numeric_rating__Scor
e___Reported+2*lifetime_care_plans
925 lifetime_care_plan_length>=2*Microalbumin_Creatinine_Ratio/mean_Calcium
926 lifetime_care_plan_length>=-Diastolic_Blood_Pressure+1/2*encounters_count
927 lifetime_care_plan_length>=minimum(Estimated_Glomerular_Filtration_Rate,1/2*
medications_lifetime)
928 lifetime_care_plan_length>=-lifetime_condition_length*log(medications_lifeti
me_dispenses)
929 lifetime_care_plan_length>=10^Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported/Glucose
930 lifetime_care_plan_length>=10^Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported/mean_Glucose
931 lifetime_care_plan_length>=Pain_severity___0_10_verbal_numeric_rating__Score
___Reported^2*device_lifetime_length
932 lifetime_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*Pain_sev
erity___0_10_verbal_numeric_rating__Score___Reported^2
933 lifetime_care_plan_length>=-Low_Density_Lipoprotein_Cholesterol+e^Potassium
934 lifetime_care_plan_length>=1/2*Glucose-
mean_Estimated_Glomerular_Filtration_Rate
935 active_conditions<=lifetime_conditions
936 active_conditions<=active_condition_length*healthcare_expenses
937 active_conditions<=ceil(lifetime_condition_length)
938 active_conditions<=maximum(active_care_plans,1/2*active_condition_length)
939 active_conditions<=floor(1/2*Glomerular_filtration_rate_1_73_sq_M_predicted)
940 active_conditions<=ceil(Aspartate_aminotransferase__Enzymatic_activity_volum

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```

e__in_Serum,Plasma)
941 active_conditions<=ceil(Estimated_Glomerular_Filtration_Rate)
942 active_conditions<=10^DALY/medications_lifetime_perc_covered
943 active_conditions<=maximum(encounters_count,DALY)
944 active_conditions<=10^Creatinine/encounters_lifetime_perc_covered
945 active_conditions<=ceil(Potassium)+medications_lifetime_dispenses
946 active_conditions<=Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted+medications_lifetime_cost-1
947 active_conditions<=sqrt(Total_Cholesterol)^mean_Creatinine
948 active_conditions<=encounters_count+floor(active_care_plan_length)
949 active_conditions<=active_care_plans+1/2*active_condition_length
950 active_conditions<=sqrt(QALY)+lifetime_care_plan_length
951 active_conditions>=num_allergies
952 active_conditions>=ceil(Albumin__Mass_volume__in_Serum,Plasma)
953 active_conditions>=ceil(medications_lifetime_perc_covered)
954 active_conditions>=minimum(Triglycerides,lifetime_conditions-1)
955 active_conditions>=floor(Potassium)
956 active_conditions>=active_care_plans-1
957 active_conditions>=minimum(active_care_plans,lifetime_conditions)
958 active_conditions>=minimum(lifetime_conditions,device_lifetime_length)
959 active_conditions>=floor(encounters_lifetime_perc_covered)
960 active_conditions>=lifetime_conditions*log(active_care_plans)/log(10)
961 active_conditions>=-Calcium+Respiratory_rate
962 active_conditions>=minimum(lifetime_conditions,medications_active)
963 active_conditions>=minimum(Sodium,lifetime_conditions-1)
964 active_conditions>=Estimated_Glomerular_Filtration_Rate/Carbon_Dioxide
965 active_conditions>=(immunizations_lifetime_cost+1)/Estimated_Glomerular_Filt
ration_Rate
966
active_conditions>=(Carbon_Dioxide-1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
967 active_conditions>=sqrt(encounters_lifetime_total_cost)/mean_Carbon_Dioxide
968 active_conditions>=sqrt(lifetime_conditions)-Pain_severity___0_10_verbal_num
eric_rating__Score____Reported
969 active_conditions>=sqrt(procedures_lifetime_cost)/mean_Microalbumin_Creatini
ne_Ratio
970 active_conditions>=lifetime_conditions*log(immunizations_lifetime)
971 active_conditions>=-healthcare_coverage+lifetime_conditions
972 active_conditions>=ceil(age)-mean_Heart_rate
973 active_conditions>=-QOLS+1/2*lifetime_care_plans
974 active_conditions>=2*Bilirubin_total__Mass_volume__in_Serum,Plasma+active_ca
re_plans
975 active_conditions>=floor(lifetime_condition_length)/age
976 active_conditions>=minimum(DALY,log(lifetime_condition_length)/log(10))
977 active_conditions>=lifetime_care_plans-
mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
978 active_conditions>=-encounters_count+lifetime_conditions
979 active_conditions>=minimum(Estimated_Glomerular_Filtration_Rate,Pain_severit
y___0_10_verbal_numeric_rating__Score____Reported^2)

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```

980 active_conditions>=minimum(lifetime_conditions,log(medications_lifetime)/log
(10))
981 active_conditions>=active_condition_length/lifetime_condition_length
982 active_conditions>=minimum(active_condition_length,QOLS)
983
active_conditions>=floor(Globulin_Mass_volume__in_Serum_by_calculation)/QOLS
984 active_conditions>=-lifetime_care_plans+2*medications_lifetime_perc_covered
985 active_conditions>=floor(age)-mean_Glucose
986 active_conditions>=-Carbon_Dioxide+DALY
987 active_conditions>=minimum(active_care_plan_length,log(procedures_lifetime))
988 active_conditions>=-QALY+floor(DALY)
989 active_conditions>=floor(log(DALY))
990 active_conditions>=-Heart_rate+floor(age)
991 active_conditions>=minimum(lifetime_conditions,num_allergies^2)
992 active_conditions>=minimum(procedures_lifetime,active_care_plans^2)
993 active_conditions>=-encounters_lifetime_payer_coverage+lifetime_conditions-1
994 lifetime_conditions<=10^QOLS+active_conditions
995 lifetime_conditions<=maximum(Sodium,1/2*Respiratory_rate)
996 lifetime_conditions<=encounters_lifetime_total_cost
997 lifetime_conditions<=1/4*age
998 lifetime_conditions<=Respiratory_rate+active_care_plans
999 lifetime_conditions<=minimum(Sodium,active_conditions+1)
1000 lifetime_conditions<=encounters_count^2
1001 lifetime_conditions<=maximum(encounters_count,active_conditions+1)
1002
lifetime_conditions<=ceil(1/2*Glomerular_filtration_rate_1_73_sq_M_predicted)
1003 lifetime_conditions<=sqrt(latitude)+DALY
1004 lifetime_conditions<=minimum(Triglycerides,active_conditions+1)
1005 lifetime_conditions<=1/active_care_plan_length+active_condition_length
1006 lifetime_conditions<=maximum(active_conditions,1/imaging_studies_lifetime)
1007 lifetime_conditions<=2*active_conditions/imaging_studies_lifetime
1008 lifetime_conditions<=(DALY-1)^Estimated_Glomerular_Filtration_Rate
1009 lifetime_conditions<=10^medications_active/num_allergies
1010 lifetime_conditions<=healthcare_expenses*lifetime_condition_length
1011 lifetime_conditions<=sqrt(age)+lifetime_care_plan_length
1012 lifetime_conditions<=medications_lifetime_length^Triglycerides
1013
lifetime_conditions<=maximum(active_conditions,Microalbumin_Creatinine_Ratio)
1014 lifetime_conditions<=10^immunizations_lifetime+Respiratory_rate
1015 lifetime_conditions<=active_conditions^2+Pain_severity__0_10_verbal_numeri
c_rating__Score___Reported
1016 lifetime_conditions<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+medica
tions_lifetime
1017 lifetime_conditions<=floor(Carbon_Dioxide)/immunizations_lifetime
1018 lifetime_conditions<=Pain_severity__0_10_verbal_numeric_rating__Score___R
eported+floor(active_condition_length)
1019 lifetime_conditions<=active_conditions+healthcare_coverage
1020

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lifetime_conditions<=log(healthcare_expenses)/log(10)+medications_lifetime_cost
1021 lifetime_conditions<=1/2*active_care_plan_length/num_allergies
1022 lifetime_conditions<=maximum(active_conditions,1/device_lifetime_length)
1023 lifetime_conditions<=maximum(active_conditions,1/2*Microalbumin_Creatinine_
Ratio)
1024 lifetime_conditions<=encounters_count+lifetime_care_plan_length
1025 lifetime_conditions<=active_conditions+encounters_count
1026 lifetime_conditions<=e^lifetime_care_plan_length/active_care_plans
1027 lifetime_conditions<=maximum(active_conditions,10^encounters_lifetime_payer
_coverage)
1028 lifetime_conditions<=maximum(active_condition_length,log(healthcare_coverag
e)/log(10))
1029 lifetime_conditions<=Potassium^2-Pain_severity___0_10_verbal_numeric_rating
__Score____Reported
1030 lifetime_conditions<=encounters_count^2/active_care_plans
1031 lifetime_conditions<=log(encounters_lifetime_payer_coverage)^2
1032 lifetime_conditions<=-QALY+2*latitude
1033 lifetime_conditions<=10^Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported+active_conditions
1034 lifetime_conditions<=encounters_lifetime_perc_covered^longitude
1035 lifetime_conditions<=floor(medications_lifetime_cost)/medications_lifetime_
length
1036 lifetime_conditions<=e^Pain_severity___0_10_verbal_numeric_rating__Score____
_Reported/num_allergies
1037 lifetime_conditions<=-Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma+floor(High_Density_Lipoprotein_Cholesterol)
1038 lifetime_conditions<=2*High_Density_Lipoprotein_Cholesterol-
active_care_plan_length
1039 lifetime_conditions<=active_care_plan_length^2/Glomerular_filtration_rate_1
_73_sq_M_predicted
1040 lifetime_conditions<=Pain_severity___0_10_verbal_numeric_rating__Score____R
eported+medications_lifetime_cost
1041 lifetime_conditions<=ceil(Aspartate_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma+1)
1042 lifetime_conditions<=10^Creatinine+DALY
1043 lifetime_conditions<=2*Bilirubin_total__Mass_volume__in_Serum,Plasma+active
_conditions
1044 lifetime_conditions<=Heart_rate/Pain_severity___0_10_verbal_numeric_rating_
_Score____Reported
1045 lifetime_conditions<=(Alkaline_phosphatase__Enzymatic_activity_volume__in_S
erum,Plasma-1)*encounters_lifetime_perc_covered
1046 lifetime_conditions<=sqrt(age)+DALY
1047 lifetime_conditions<=10^active_care_plans+Pain_severity___0_10_verbal_numer
ic_rating__Score____Reported
1048 lifetime_conditions<=active_care_plans+encounters_count+1
1049 lifetime_conditions<=Aspartate_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma^2-medications_lifetime
1050 lifetime_conditions<=ceil(active_care_plan_length)+encounters_count

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```

1051 lifetime_conditions<=active_conditions^2/num_allergies
1052 lifetime_conditions>=num_allergies
1053 lifetime_conditions>=active_conditions
1054 lifetime_conditions>=-active_care_plans+lifetime_care_plans
1055 lifetime_conditions>=minimum(lifetime_care_plans,procedures_lifetime)
1056
lifetime_conditions>=-encounters_lifetime_payer_coverage+procedures_lifetime
1057 lifetime_conditions>=-Heart_rate+ceil(age)
1058
lifetime_conditions>=-Albumin__Mass_volume__in_Serum,Plasma+2*active_care_plans
1059
lifetime_conditions>=minimum(Microalbumin_Creatinine_Ratio,2*active_care_plans)
1060 lifetime_conditions>=minimum(QOLS,ceil(lifetime_condition_length))
1061 lifetime_conditions>=(Pain_severity___0_10_verbal_numeric_rating__Score____
Reported+1)*medications_lifetime_perc_covered
1062 lifetime_conditions>=procedures_lifetime^Bilirubin_total__Mass_volume__in_S
erum,Plasma
1063 lifetime_conditions>=High_Density_Lipoprotein_Cholesterol+floor(longitude)
1064 lifetime_conditions>=1/2*QALY-mean_Estimated_Glomerular_Filtration_Rate
1065 lifetime_conditions>=2*mean_Creatinine-2
1066 lifetime_conditions>=floor(Potassium)+immunizations_lifetime
1067 lifetime_conditions>=ceil(Globulin__Mass_volume__in_Serum_by_calculation)+p
rocedures_lifetime
1068 lifetime_conditions>=QALY+longitude-1
1069
lifetime_conditions>=active_conditions^2/Estimated_Glomerular_Filtration_Rate
1070
lifetime_conditions>=floor(lifetime_condition_length)/active_condition_length
1071 lifetime_conditions>=minimum(mean_Pain_severity___0_10_verbal_numeric_ratin
g__Score____Reported,1/2*procedures_lifetime)
1072 active_condition_length<=DALY+QALY
1073 active_condition_length<=lifetime_condition_length
1074 active_condition_length<=Microalbumin_Creatinine_Ratio*floor(Hemoglobin_A1c
_Hemoglobin_total_in_Blood)
1075 active_condition_length<=High_Density_Lipoprotein_Cholesterol+mean_Estimate
d_Glomerular_Filtration_Rate-1
1076 active_condition_length<=2*High_Density_Lipoprotein_Cholesterol-
medications_active
1077 active_condition_length<=10^lifetime_condition_length/latitude
1078 active_condition_length<=floor(Body_Mass_Index)+latitude
1079 active_condition_length<=Body_Mass_Index*active_conditions
1080 active_condition_length<=QALY*log(Potassium)
1081 active_condition_length<=longitude^2/QALY
1082 active_condition_length<=sqrt(Sodium)+medications_lifetime_cost
1083 active_condition_length<=(Body_Mass_Index-1)/imaging_studies_lifetime
1084 active_condition_length<=maximum(medications_lifetime,e^Potassium)
1085 active_condition_length<=floor(healthcare_coverage)/device_lifetime_length
1086 active_condition_length<=High_Density_Lipoprotein_Cholesterol^2/Estimated_G

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lomerular_Filtration_Rate
1087 active_condition_length<=(active_conditions+1)*Calcium
1088 active_condition_length<=2*QALY-procedures_lifetime
1089 active_condition_length<=lifetime_care_plan_length*log(Hemoglobin_A1c_Hemog
lobin_total_in_Blood)
1090 active_condition_length<=active_conditions*healthcare_expenses
1091 active_condition_length<=lifetime_condition_length-num_allergies
1092 active_condition_length<=-Urea_Nitrogen+lifetime_condition_length-1
1093 active_condition_length<=Low_Density_Lipoprotein_Cholesterol^2/Microalbumin
_Creatinine_Ratio
1094 active_condition_length<=log(healthcare_coverage)^2
1095 active_condition_length<=age-encounters_lifetime_perc_covered-1
1096 active_condition_length<=1/2*Chloride+Estimated_Glomerular_Filtration_Rate
1097 active_condition_length<=floor(Microalbumin_Creatinine_Ratio)+medications_l
ifetime_length
1098 active_condition_length<=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean
_Triglycerides/log(10)
1099 active_condition_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+encount
ers_lifetime_payer_coverage
1100 active_condition_length<=age-medications_lifetime_perc_covered-1
1101
active_condition_length<=1/2*immunizations_lifetime_cost/immunizations_lifetime
1102 active_condition_length<=Urea_Nitrogen^2-procedures_lifetime
1103 active_condition_length<=minimum(healthcare_expenses,mean_Hematocrit__Volum
e_Fraction__of_Blood_by_Automated_count)
1104 active_condition_length<=(Triglycerides-1)/num_allergies
1105 active_condition_length<=mean_Estimated_Glomerular_Filtration_Rate+mean_Mic
roalbumin_Creatinine_Ratio
1106 active_condition_length<=sqrt(active_care_plan_length)+Protein__Mass_volume
__in_Serum,Plasma
1107 active_condition_length<=e^Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma/High_Density_Lipoprotein_Cholesterol
1108 active_condition_length<=Glucose^2/age
1109 active_condition_length<=sqrt(healthcare_expenses)/Albumin__Mass_volume__in
_Serum,Plasma
1110 active_condition_length<=floor(Calcium)*mean_Calcium
1111 active_condition_length<=healthcare_coverage^2/procedures_lifetime_cost
1112 active_condition_length<=-Body_Mass_Index+2*age
1113 active_condition_length<=10^active_care_plan_length/active_care_plans
1114 active_condition_length<=QALY*log(age)/log(10)
1115 active_condition_length<=ceil(active_care_plan_length)^Sodium
1116 active_condition_length<=maximum(Heart_rate,e^Pain_severity__0_10_verbal_n
umeric_rating__Score___Reported)
1117 active_condition_length<=log(Low_Density_Lipoprotein_Cholesterol)^active_co
nditions
1118 active_condition_length<=Sodium^2/encounters_count
1119 active_condition_length<=maximum(latitude,e^encounters_count)
1120

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$\text{active_condition_length} \leq 2 * \text{encounters_count} / \text{medications_lifetime_perc_covered}$
1121 $\text{active_condition_length} \leq 1/2 * \text{medications_lifetime_dispenses} / \text{Bilirubin_total_}_\text{Mass_volume_}_\text{in_Serum,Plasma}$
1122
 $\text{active_condition_length} \leq 1/2 * \text{encounters_lifetime_total_cost} / \text{active_conditions}$
1123 $\text{active_condition_length} \leq \text{maximum}(\text{encounters_lifetime_payer_coverage}, \text{sqrt}(\text{encounters_lifetime_total_cost}))$
1124 $\text{active_condition_length} \leq 10^{\text{encounters_lifetime_perc_covered} * \text{latitude}}$
1125 $\text{active_condition_length} \leq \text{High_Density_Lipoprotein_Cholesterol} + \text{medications_lifetime} - 1$
1126 $\text{active_condition_length} \leq 10^{\text{QOLS} * \text{latitude}}$
1127 $\text{active_condition_length} \leq (\log(\text{QALY}) / \log(10))^{\text{lifetime_condition_length}}$
1128 $\text{active_condition_length} \leq \text{DALY}^2 + \text{QALY}$
1129 $\text{active_condition_length} \leq 1/2 * \text{Systolic_Blood_Pressure} + \text{encounters_count}$
1130 $\text{active_condition_length} \leq \text{sqrt}(\text{Triglycerides}) + \text{Glomerular_filtration_rate_1_73_sq_M_predicted}$
1131 $\text{active_condition_length} \geq \text{num_allergies}$
1132 $\text{active_condition_length} \geq \text{device_lifetime_length}$
1133 $\text{active_condition_length} \geq \text{age} - \text{latitude} + 1$
1134 $\text{active_condition_length} \geq \text{sqrt}(\text{lifetime_condition_length} - 1)$
1135 $\text{active_condition_length} \geq \text{Carbon_Dioxide} + \log(\text{Bilirubin_total_}_\text{Mass_volume_}_\text{in_Serum,Plasma})$
1136 $\text{active_condition_length} \geq \text{minimum}(\text{Urea_Nitrogen}, \text{active_care_plan_length} + 1)$
1137 $\text{active_condition_length} \geq 1/2 * \text{Low_Density_Lipoprotein_Cholesterol} / \text{active_conditions}$
1138 $\text{active_condition_length} \geq \text{minimum}(\text{lifetime_condition_length}, 1/2 * \text{active_care_plan_length})$
1139 $\text{active_condition_length} \geq \text{minimum}(\text{active_care_plan_length}, \text{active_conditions})$
1140 $\text{active_condition_length} \geq 1/2 * \text{encounters_count} / \text{Creatinine}$
1141 $\text{active_condition_length} \geq \text{minimum}(\text{Alanine_aminotransferase_}_\text{Enzymatic_activity_volume_}_\text{in_Serum,Plasma}, \text{abs}(\text{active_care_plan_length}))$
1142 $\text{active_condition_length} \geq \log(\text{medications_lifetime_dispenses}) * \text{num_allergies}$
1143 $\text{active_condition_length} \geq 2 * \text{active_care_plan_length} / \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}$
1144 $\text{active_condition_length} \geq -\text{Body_Mass_Index} + \text{ceil}(\text{active_care_plan_length})$
1145 $\text{active_condition_length} \geq (\log(\text{Glucose}) / \log(10))^{\text{mean_Creatinine}}$
1146 $\text{active_condition_length} \geq 1/2 * \text{Diastolic_Blood_Pressure} - \text{healthcare_coverage}$
1147 $\text{active_condition_length} \geq \text{active_care_plan_length} * \text{floor}(\text{Bilirubin_total_}_\text{Mass_volume_}_\text{in_Serum,Plasma})$
1148 $\text{active_condition_length} \geq -\text{Alkaline_phosphatase_}_\text{Enzymatic_activity_volume_}_\text{in_Serum,Plasma} + \text{Glomerular_filtration_rate_1_73_sq_M_predicted} + 1$
1149 $\text{active_condition_length} \geq (\text{active_care_plan_length} - 1) * \text{medications_lifetime_perc_covered}$
1150 $\text{active_condition_length} \geq e^{\text{medications_active} / \text{Alanine_aminotransferase_}_\text{Enzymatic_activity_volume_}_\text{in_Serum,Plasma}}$
1151 $\text{active_condition_length} \geq 2 * \text{DALY} - \text{mean_Estimated_Glomerular_Filtration_Rate}$
1152 $\text{active_condition_length} \geq (\text{lifetime_care_plan_length} + 1) / \text{Albumin_}_\text{Mass_volume_}_\text{in_Serum,Plasma}$

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1153
active_condition_length>=minimum(active_care_plan_length,procedures_lifetime^2)
1154
active_condition_length>=-Glomerular_filtration_rate_1_73_sq_M_predicted+QALY-1
1155 active_condition_length>=(lifetime_condition_length+1)/Urea_Nitrogen
1156 active_condition_length>=2*High_Density_Lipoprotein_Cholesterol-
Systolic_Blood_Pressure
1157 active_condition_length>=2*Glucose-Total_Cholesterol
1158 active_condition_length>=(Respiratory_rate+1)/Creatinine
1159 active_condition_length>=1/2*encounters_count/mean_Creatinine
1160
active_condition_length>=lifetime_care_plans^2*medications_lifetime_perc_covered
1161 active_condition_length>=log(lifetime_condition_length)/log(10)+DALY
1162 active_condition_length>=Potassium+e^Pain_severity___0_10_verbal_numeric_ra
ting__Score___Reported
1163 active_condition_length>=High_Density_Lipoprotein_Cholesterol*log(Pain_seve
rity___0_10_verbal_numeric_rating__Score___Reported)/log(10)
1164 active_condition_length>=2*age-mean_Systolic_Blood_Pressure
1165 active_condition_length>=Diastolic_Blood_Pressure-Heart_rate
1166
active_condition_length>=floor(lifetime_condition_length)/lifetime_conditions
1167 active_condition_length>=1/2*encounters_count-mean_Glucose
1168 active_condition_length>=floor(Creatinine)+mean_Alanine_aminotransferase__E
nzymatic_activity_volume__in_Serum,Plasma
1169 active_condition_length>=active_conditions*log(lifetime_care_plan_length)/l
og(10)
1170 active_condition_length>=minimum(active_care_plan_length,log(procedures_lif
etime_cost))
1171 active_condition_length>=sqrt(immunizations_lifetime_cost)*num_allergies
1172 active_condition_length>=active_conditions*log(lifetime_condition_length)/l
og(10)
1173 active_condition_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+e^Pain_se
verity___0_10_verbal_numeric_rating__Score___Reported
1174 active_condition_length>=Respiratory_rate*log(lifetime_conditions)/log(10)
1175 active_condition_length>=minimum(active_care_plan_length,device_lifetime_le
ngth^2)
1176 active_condition_length>=floor(encounters_lifetime_perc_covered)*lifetime_c
ondition_length
1177 active_condition_length>=(2*encounters_lifetime_perc_covered)^Urea_Nitrogen
1178
active_condition_length>=sqrt(medications_lifetime_dispenses)-encounters_count
1179
active_condition_length>=sqrt(medications_lifetime_dispenses)-mean_Potassium
1180 active_condition_length>=1/2*medications_active*procedures_lifetime
1181 active_condition_length>=lifetime_care_plans*log(DALY)
1182 active_condition_length>=log(Glucose)/Bilirubin_total__Mass_volume__in_Seru
m,Plasma
1183 lifetime_condition_length<=encounters_lifetime_total_cost

```

```

1184 lifetime_condition_length<=2*Body_Height/num_allergies
1185
lifetime_condition_length<=Body_Height+1/2*encounters_lifetime_payer_coverage
1186 lifetime_condition_length<=10^active_condition_length
1187 lifetime_condition_length<=active_condition_length^2+1
1188 lifetime_condition_length<=encounters_count*floor(latitude)
1189 lifetime_condition_length<=Diastolic_Blood_Pressure*sqrt(latitude)
1190 lifetime_condition_length<=floor(encounters_lifetime_total_cost)/medication
s_active
1191 lifetime_condition_length<=sqrt(Carbon_Dioxide)^Potassium
1192 lifetime_condition_length<=floor(healthcare_coverage)/procedures_lifetime
1193 lifetime_condition_length<=(active_condition_length+1)*lifetime_conditions
1194 lifetime_condition_length<=age*sqrt(latitude)
1195 lifetime_condition_length<=1/2*Low_Density_Lipoprotein_Cholesterol*active_c
onditions
1196 lifetime_condition_length<=Heart_rate*sqrt(encounters_count)
1197 lifetime_condition_length<=10^Pain_severity___0_10_verbal_numeric_rating__S
core___Reported+healthcare_coverage
1198 lifetime_condition_length<=maximum(active_condition_length,10^lifetime_cond
itions)
1199 lifetime_condition_length<=1/2*Diastolic_Blood_Pressure*lifetime_conditions
1200 lifetime_condition_length<=e^Calcium/Urea_Nitrogen
1201 lifetime_condition_length<=healthcare_expenses*lifetime_conditions
1202 lifetime_condition_length<=maximum(Sodium,1/imaging_studies_lifetime)
1203 lifetime_condition_length<=Microalbumin_Creatinine_Ratio*medications_lifeti
me_length^2
1204 lifetime_condition_length<=sqrt(healthcare_expenses)+Body_Mass_Index
1205 lifetime_condition_length<=e^encounters_count/procedures_lifetime
1206 lifetime_condition_length<=sqrt(encounters_count)*mean_High_Density_Lipopro
tein_Cholesterol
1207 lifetime_condition_length<=(log(Body_Mass_Index)/log(10))^active_condition_
length
1208 lifetime_condition_length<=Microalbumin_Creatinine_Ratio*e^Hemoglobin_A1c_H
emoglobin_total_in_Blood
1209 lifetime_condition_length<=Sodium+medications_lifetime_cost-1
1210
lifetime_condition_length<=(Systolic_Blood_Pressure-1)/imaging_studies_lifetime
1211 lifetime_condition_length<=log(age)^Albumin__Mass_volume__in_Serum,Plasma
1212 lifetime_condition_length<=10^active_care_plans*Heart_rate
1213
lifetime_condition_length<=log(Microalbumin_Creatinine_Ratio)^active_conditions
1214 lifetime_condition_length<=encounters_count^2+Body_Height
1215 lifetime_condition_length<=Urea_Nitrogen^2*mean_Potassium
1216 lifetime_condition_length<=1/2*encounters_lifetime_total_cost/procedures_li
fetime
1217 lifetime_condition_length<=active_condition_length^2/mean_Creatinine
1218
lifetime_condition_length<=sqrt(Heart_rate)*High_Density_Lipoprotein_Cholesterol

```

1219 $\text{lifetime_condition_length} \leq \text{Carbon_Dioxide}^2 / \text{num_allergies}$
 1220 $\text{lifetime_condition_length} \leq (\text{QALY} - 1) * \text{mean_Urea_Nitrogen}$
 1221 $\text{lifetime_condition_length} \leq \text{active_care_plan_length}^2 / \text{Globulin_Mass_volume_in_Serum_by_calculation}$
 1222 $\text{lifetime_condition_length} \leq \sqrt{\text{MCV_Entitic_volume_by_Automated_count}}^{\text{active_conditions}}$
 1223 $\text{lifetime_condition_length} \leq 1/2 * \text{Estimated_Glomerular_Filtration_Rate} + \text{medications_lifetime_dispenses}$
 1224 $\text{lifetime_condition_length} \leq \sqrt{\text{healthcare_expenses} + \text{encounters_count}}$
 1225 $\text{lifetime_condition_length} \leq 4 * \text{mean_Urea_Nitrogen}^2$
 1226 $\text{lifetime_condition_length} \leq \sqrt{\text{Glomerular_filtration_rate_1_73_sq_M_predicted}} * \text{age}$
 1227 $\text{lifetime_condition_length} \leq (\log(\text{medications_lifetime_cost}) / \log(10))^{\text{age}}$
 1228 $\text{lifetime_condition_length} \leq \text{maximum}(\text{lifetime_care_plan_length}, 1/2 * \text{healthcare_coverage})$
 1229 $\text{lifetime_condition_length} \leq \sqrt{\text{healthcare_expenses} + \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma}}$
 1230 $\text{lifetime_condition_length} \leq \text{Systolic_Blood_Pressure}^2 / \text{DALY}$
 1231 $\text{lifetime_condition_length} \leq (1 / \text{medications_lifetime_perc_covered})^{\text{QALY}}$
 1232 $\text{lifetime_condition_length} \leq \text{Sodium} * \text{ceil}(\text{DALY})$
 1233 $\text{lifetime_condition_length} \leq \text{lifetime_care_plan_length}^2 + \text{Body_Weight}$
 1234 $\text{lifetime_condition_length} \leq \text{Systolic_Blood_Pressure}^2 / \text{device_lifetime_length}$
 1235 $\text{lifetime_condition_length} \leq \log(\text{Triglycerides})^{\text{active_conditions}}$
 1236 $\text{lifetime_condition_length} \leq (\text{Creatinine} + 1) * \text{Total_Cholesterol}$
 1237 $\text{lifetime_condition_length} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} + e^{\text{active_conditions}}$
 1238 $\text{lifetime_condition_length} \leq (\text{High_Density_Lipoprotein_Cholesterol} - 1) * \text{active_conditions}$
 1239 $\text{lifetime_condition_length} \leq 10^{\text{active_condition_length} - \text{DALY}}$
 1240 $\text{lifetime_condition_length} \leq (\text{active_condition_length} + 1)^{\text{lifetime_conditions}}$
 1241 $\text{lifetime_condition_length} \geq \text{num_allergies}$
 1242 $\text{lifetime_condition_length} \geq \text{active_condition_length}$
 1243 $\text{lifetime_condition_length} \geq \text{active_care_plan_length} * \log(\text{procedures_lifetime})$
 1244 $\text{lifetime_condition_length} \geq 10^{\text{Bilirubin_total_Mass_volume_in_Serum, Plasma} + \text{lifetime_care_plan_length}}$
 1245 $\text{lifetime_condition_length} \geq 1/2 * \text{Body_Weight} + \text{Creatinine}$
 1246 $\text{lifetime_condition_length} \geq \log(\text{Estimated_Glomerular_Filtration_Rate}) * \text{mean_Microalbumin_Creatinine_Ratio} / \log(10)$
 1247 $\text{lifetime_condition_length} \geq -\text{lifetime_care_plan_length} + \log(\text{medications_lifetime_dispenses})$
 1248 $\text{lifetime_condition_length} \geq \text{minimum}(\text{lifetime_care_plan_length}, \text{procedures_lifetime})$
 1249 $\text{lifetime_condition_length} \geq \log(10^{\text{device_lifetime_length}})$
 1250 $\text{lifetime_condition_length} \geq \text{active_conditions}^2 - \text{Creatinine}$
 1251 $\text{lifetime_condition_length} \geq \text{Glomerular_filtration_rate_1_73_sq_M_predicted} + \text{encounters_lifetime_perc_covered} + 1$
 1252 $\text{lifetime_condition_length} \geq 10^{\sqrt{\text{mean_Creatinine}}}$
 1253 $\text{lifetime_condition_length} \geq (1 / \text{Body_temperature})^{\text{QOLS}}$

```

1254 lifetime_condition_length>=active_condition_length*log(active_conditions)
1255 lifetime_condition_length>=-latitude+lifetime_care_plan_length+1
1256 lifetime_condition_length>=2*Bilirubin_total__Mass_volume__in_Serum,Plasma*
Glomerular_filtration_rate_1_73_sq_M_predicted
1257 lifetime_condition_length>=-age+lifetime_care_plan_length+1
1258 lifetime_condition_length>=2*High_Density_Lipoprotein_Cholesterol-
medications_lifetime_cost
1259 lifetime_condition_length>=e^medications_active/Urea_Nitrogen
1260 lifetime_condition_length>=-Pain_severity___0_10_verbal_numeric_rating__Sco
re___Reported+2*lifetime_care_plans
1261 lifetime_condition_length>=-Respiratory_rate+2*procedures_lifetime
1262 lifetime_condition_length>=active_condition_length+num_allergies
1263 lifetime_condition_length>=(encounters_lifetime_perc_covered+1)*mean_Microa
lbumin_Creatinine_Ratio
1264 lifetime_condition_length>=-Aspartate_aminotransferase__Enzymatic_activity_
volume__in_Serum,Plasma+medications_lifetime
1265 lifetime_condition_length>=active_condition_length^2/Estimated_Glomerular_F
iltration_Rate
1266 lifetime_condition_length>=(Bilirubin_total__Mass_volume__in_Serum,Plasma^2
)^mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1267 lifetime_condition_length>=sqrt(Carbon_Dioxide)*device_lifetime_length
1268 lifetime_condition_length>=log(active_conditions)/log(10)+active_condition_
length
1269 lifetime_condition_length>=2*encounters_lifetime_payer_coverage/Total_Chole
sterol
1270
lifetime_condition_length>=-Glomerular_filtration_rate_1_73_sq_M_predicted+2*age
1271 lifetime_condition_length>=(Creatinine-1)*active_care_plan_length
1272 lifetime_condition_length>=-Microalbumin_Creatinine_Ratio+2*active_care_pla
n_length
1273 lifetime_condition_length>=log(lifetime_conditions-1)
1274 lifetime_condition_length>=-Estimated_Glomerular_Filtration_Rate+Microalbum
in_Creatinine_Ratio+1
1275 lifetime_condition_length>=encounters_lifetime_perc_covered*log(lifetime_co
nditions)/log(10)
1276 lifetime_condition_length>=High_Density_Lipoprotein_Cholesterol^2/Estimated
_Glomerular_Filtration_Rate
1277 lifetime_condition_length>=active_condition_length^2/QALY
1278 lifetime_condition_length>=active_care_plan_length*log(DALY)/log(10)
1279 lifetime_condition_length>=1/2*e^Potassium
1280 lifetime_condition_length>=sqrt(healthcare_coverage)-Aspartate_aminotransfe
rase__Enzymatic_activity_volume__in_Serum,Plasma
1281 lifetime_condition_length>=latitude*log(num_allergies)
1282 lifetime_condition_length>=Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma*sqrt(active_condition_length)
1283 lifetime_condition_length>=1/2*healthcare_coverage/mean_Total_Cholesterol
1284 lifetime_condition_length>=-Body_Height+2*lifetime_care_plan_length
1285 lifetime_condition_length>=(active_care_plans-1)^mean_Creatinine

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1286 lifetime_condition_length>=immunizations_lifetime_cost+log(device_lifetime_
length)
1287 lifetime_condition_length>=active_conditions^2-encounters_count
1288 lifetime_condition_length>=log(device_lifetime_length)-longitude
1289 lifetime_condition_length>=2*QOLS*mean_Microalbumin_Creatinine_Ratio
1290
lifetime_condition_length>=device_lifetime_length*log(lifetime_care_plan_length)
1291 lifetime_condition_length>=active_care_plan_length*sqrt(medications_lifetim
e_perc_covered)
1292 lifetime_condition_length>=Chloride*ceil(medications_lifetime_perc_covered)
1293 lifetime_condition_length>=minimum(procedures_lifetime_cost,log(medications
_lifetime_length))
1294 lifetime_condition_length>=(medications_active-1)*Carbon_Dioxide
1295 lifetime_condition_length>=DALY^2/Hemoglobin_A1c_Hemoglobin_total_in_Blood
1296 lifetime_condition_length>=-Diastolic_Blood_Pressure+2*QALY
1297 lifetime_condition_length>=minimum(immunizations_lifetime_cost,-Respiratory
_rate)
1298 lifetime_condition_length>=(Body_Mass_Index-1)*Creatinine
1299 lifetime_condition_length>=(Potassium-1)^Pain_severity___0_10_verbal_numeri
c_rating__Score___Reported
1300 device_lifetime_length<=healthcare_coverage
1301 device_lifetime_length<=active_condition_length
1302 device_lifetime_length<=encounters_lifetime_payer_coverage
1303 device_lifetime_length<=num_allergies^Glomerular_filtration_rate_1_73_sq_M_
predicted
1304 device_lifetime_length<=active_care_plan_length/medications_lifetime_perc_c
overed
1305 device_lifetime_length<=active_care_plan_length^2/medications_active
1306 device_lifetime_length<=medications_lifetime_perc_covered/num_allergies
1307 device_lifetime_length<=floor(lifetime_condition_length)
1308 device_lifetime_length<=-active_condition_length+lifetime_condition_length
1309 device_lifetime_length<=encounters_lifetime_payer_coverage^2/medications_li
fetime_dispenses
1310 device_lifetime_length<=medications_active^Respiratory_rate
1311 device_lifetime_length<=10^active_conditions/medications_lifetime_cost
1312 device_lifetime_length<=immunizations_lifetime^Body_temperature
1313 device_lifetime_length<=Pain_severity___0_10_verbal_numeric_rating__Score__
_Reported*healthcare_expenses
1314
device_lifetime_length<=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
1315
device_lifetime_length<=medications_active^2/medications_lifetime_perc_covered
1316
device_lifetime_length<=(2*encounters_lifetime_perc_covered)^Total_Cholesterol
1317 device_lifetime_length<=procedures_lifetime_cost^Triglycerides
1318 device_lifetime_length<=(Creatinine-1)^healthcare_expenses
1319 device_lifetime_length<=10^active_care_plans/mean_Total_Cholesterol
1320 device_lifetime_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2/immuniza

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tions_lifetime
1321 device_lifetime_length<=DALY^healthcare_expenses
1322
device_lifetime_length<=(-medications_lifetime_perc_covered)^Body_Mass_Index
1323 device_lifetime_length<=(2*encounters_lifetime_perc_covered)^Microalbumin_C
reatinine_Ratio
1324 device_lifetime_length<=active_care_plan_length^Respiratory_rate
1325 device_lifetime_length<=DALY*log(healthcare_expenses)/log(10)
1326 device_lifetime_length<=2*encounters_lifetime_perc_covered*lifetime_conditi
on_length
1327 device_lifetime_length<=log(active_conditions)^healthcare_expenses
1328 device_lifetime_length<=sqrt(active_condition_length)+QALY
1329 device_lifetime_length<=(log(active_care_plan_length)/log(10))^healthcare_e
xpenses
1330
device_lifetime_length<=immunizations_lifetime^Mental_health_Outpatient_Note
1331 device_lifetime_length<=10^DALY/medications_lifetime_cost
1332 device_lifetime_length<=active_condition_length^healthcare_expenses
1333
device_lifetime_length<=(-encounters_lifetime_perc_covered)^healthcare_expenses
1334 device_lifetime_length<=immunizations_lifetime/num_allergies
1335 device_lifetime_length<=(1/2^DALY)^healthcare_expenses
1336 device_lifetime_length<=log(DALY)^healthcare_expenses
1337 device_lifetime_length<=10^encounters_count/medications_lifetime_cost
1338 device_lifetime_length<=(1/longitude)^encounters_lifetime_payer_coverage
1339 device_lifetime_length<=(active_care_plans-1)^Body_Mass_Index
1340 device_lifetime_length>=-imaging_studies_lifetime
1341 device_lifetime_length>=-healthcare_coverage
1342 device_lifetime_length>=-num_allergies
1343 device_lifetime_length>=Glucose-Systolic_Blood_Pressure+1
1344 device_lifetime_length>=Carbon_Dioxide-QALY+1
1345 device_lifetime_length>=2*Creatinine-Urea_Nitrogen
1346 encounters_count<=encounters_lifetime_total_cost
1347 encounters_count<=1/2*encounters_lifetime_total_cost/latitude
1348 encounters_count<=1/2*encounters_lifetime_total_cost/device_lifetime_length
1349 encounters_count<=(encounters_lifetime_total_cost-1)/Heart_rate
1350 encounters_count<=10^DALY*Body_Mass_Index
1351 encounters_count<=2*Triglycerides-mean_Potassium
1352 encounters_count<=(encounters_lifetime_total_cost-1)/Glucose
1353 encounters_count<=Aspartate_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma^2-active_care_plans
1354 encounters_count<=(encounters_lifetime_total_cost-1)/Chloride
1355 encounters_count<=10^medications_active*Globulin__Mass_volume__in_Serum_by_
calculation
1356 encounters_count<=1/2*Respiratory_rate+medications_lifetime_cost
1357
encounters_count<=(1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Body_Mass_Index
1358 encounters_count<=maximum(QALY,e^medications_lifetime)

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1359 encounters_count<=e^DALY-longitude
1360 encounters_count<=2*encounters_lifetime_total_cost/Body_Height
1361 encounters_count<=(log(Respiratory_rate)/log(10))^mean_High_Density_Lipoprotein_Cholesterol
1362 encounters_count<=2*encounters_lifetime_total_cost/Total_Cholesterol
1363 encounters_count<=maximum(medications_lifetime_dispenses,log(healthcare_expenses))
1364 encounters_count<=maximum(medications_lifetime_length,Respiratory_rate)
1365 encounters_count<=QALY+encounters_lifetime_payer_coverage-1
1366 encounters_count<=floor(active_care_plan_length)/imaging_studies_lifetime
1367 encounters_count<=Triglycerides^2/mean_Diastolic_Blood_Pressure
1368 encounters_count<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-immunizations_lifetime_cost
1369 encounters_count<=Respiratory_rate+1/2*medications_lifetime_dispenses
1370 encounters_count<=floor(Body_Height)/num_allergies
1371 encounters_count<=floor(Potassium)^mean_Potassium
1372 encounters_count<=10^Creatinine+age
1373 encounters_count<=(DALY+1)*Carbon_Dioxide
1374 encounters_count<=maximum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,2*Glomerular_filtration_rate_1_73_sq_M_predicted)
1375 encounters_count<=e^(1/2*mean_Urea_Nitrogen)
1376 encounters_count<=floor(Microalbumin_Creatinine_Ratio)+medications_lifetime
1377 encounters_count<=1/2*lifetime_care_plan_length/imaging_studies_lifetime
1378 encounters_count<=log(Albumin__Mass_volume__in_Serum,Plasma)*mean_Triglycerides
1379 encounters_count<=10^medications_lifetime/medications_lifetime_perc_covered
1380 encounters_count<=Carbon_Dioxide+medications_lifetime+1
1381 encounters_count<=(Globulin__Mass_volume__in_Serum_by_calculation+1)^Albumin__Mass_volume__in_Serum,Plasma
1382 encounters_count<=1/2*healthcare_coverage/procedures_lifetime
1383 encounters_count<=Urea_Nitrogen^2+Albumin__Mass_volume__in_Serum,Plasma
1384 encounters_count<=log(Microalbumin_Creatinine_Ratio)*medications_lifetime_length
1385 encounters_count<=age^2/procedures_lifetime
1386 encounters_count<=e^medications_lifetime_length/medications_lifetime
1387 encounters_count<=10^QOLS+medications_lifetime_cost
1388 encounters_count<=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/num_allergies
1389 encounters_count<=(DALY+1)*QALY
1390 encounters_count<=10^active_care_plans+encounters_lifetime_payer_coverage
1391 encounters_count<=10^active_care_plans*Body_Mass_Index
1392 encounters_count<=(DALY+1)*Body_Mass_Index
1393 encounters_count<=10^active_care_plan_length+age
1394 encounters_count<=1/2*High_Density_Lipoprotein_Cholesterol+encounters_lifetime_payer_coverage
1395 encounters_count<=sqrt(Creatinine)*lifetime_condition_length
1396 encounters_count<=10^lifetime_conditions+immunizations_lifetime_cost
1397 encounters_count<=10^lifetime_conditions+medications_lifetime

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1398 encounters_count<=maximum(latitude,e^lifetime_conditions)
1399 encounters_count<=minimum(healthcare_expenses,2*Body_temperature)
1400 encounters_count<=10^Creatinine+High_Density_Lipoprotein_Cholesterol
1401 encounters_count<=(Bilirubin_total__Mass_volume__in_Serum,Plasma+1)^Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
1402 encounters_count>=num_allergies
1403 encounters_count>=active_care_plans
1404 encounters_count>=sqrt(encounters_lifetime_total_cost)-latitude
1405 encounters_count>=encounters_lifetime_perc_covered
1406 encounters_count>=-Diastolic_Blood_Pressure+floor(age)
1407 encounters_count>=1/2*active_conditions
1408 encounters_count>=2*medications_active-2
1409 encounters_count>=sqrt(active_conditions)
1410 encounters_count>=(encounters_lifetime_total_cost+1)/Body_Height
1411 encounters_count>=sqrt(encounters_lifetime_total_cost)-Estimated_Glomerular_Filtration_Rate
1412 encounters_count>=floor(log(active_care_plan_length))
1413 encounters_count>=-active_care_plan_length+active_conditions
1414 encounters_count>=(encounters_lifetime_total_cost+1)/Sodium
1415 encounters_count>=ceil(1/2*active_conditions)
1416 encounters_count>=sqrt(lifetime_conditions)
1417 encounters_count>=1/2*Pain_severity___0_10_verbal_numeric_rating__Score____Reported
1418 encounters_count>=-Glucose+ceil(age)
1419 encounters_count>=ceil(Potassium)
1420 encounters_count>=(encounters_lifetime_total_cost+1)/mean_Sodium
1421 encounters_count>=active_care_plans+immunizations_lifetime
1422 encounters_count>=ceil(2*Globulin__Mass_volume__in_Serum_by_calculation)
1423 encounters_count>=minimum(active_condition_length,2*procedures_lifetime)
1424 encounters_count>=minimum(device_lifetime_length,medications_lifetime)
1425 encounters_count>=(medications_lifetime+1)/Potassium
1426 encounters_count>=ceil(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)*procedures_lifetime
1427
encounters_count>=-active_care_plan_length+log(medications_lifetime_dispenses)
1428 encounters_count>=-active_care_plans+2*lifetime_care_plans
1429 encounters_count>=active_care_plans^2-Respiratory_rate
1430 encounters_count>=(DALY+1)*medications_lifetime_perc_covered
1431 encounters_count>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported+procedures_lifetime-1
1432 encounters_count>=1/2*Pain_severity___0_10_verbal_numeric_rating__Score____Reported+active_conditions
1433 encounters_count>=minimum(medications_lifetime,1/DALY)
1434 encounters_count>=active_care_plans*sqrt(medications_active)
1435 encounters_count>=ceil(lifetime_condition_length)/latitude
1436 encounters_count>=(lifetime_care_plans-1)*Globulin__Mass_volume__in_Serum_by_calculation
1437 encounters_count>=-lifetime_care_plan_length+lifetime_conditions

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```

1438 encounters_count>=-active_conditions+lifetime_conditions
1439 encounters_count>=minimum(Respiratory_rate,medications_lifetime+1)
1440 encounters_count>=floor(log(procedures_lifetime))
1441 encounters_count>=sqrt(encounters_lifetime_payer_coverage)-QALY
1442 encounters_count>=(Aspartate_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma+1)/DALY
1443 encounters_count>=1/2*encounters_lifetime_total_cost/Glucose
1444 encounters_count>=minimum(Aspartate_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma,active_care_plans^2)
1445 encounters_count>=Alanine_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma+log(num_allergies)
1446 encounters_count>=1/2*Microalbumin_Creatinine_Ratio-mean_Respiratory_rate
1447 encounters_count>=1/2*encounters_lifetime_total_cost/Body_Weight
1448 encounters_count>=1/4*lifetime_care_plans^2
1449 encounters_count>=minimum(Respiratory_rate,10^num_allergies)
1450 encounters_count>=ceil(sqrt(active_conditions))
1451 encounters_count>=(active_care_plans+1)*encounters_lifetime_perc_covered
1452 encounters_count>=active_care_plans^2-active_care_plan_length
1453 encounters_count>=minimum(active_conditions,active_care_plans^2)
1454 encounters_count>=active_care_plans^2-Albumin__Mass_volume__in_Serum,Plasma
1455 encounters_count>=10^immunizations_lifetime/Bilirubin_total__Mass_volume__i
n_Serum,Plasma
1456 encounters_count>=minimum(medications_lifetime,1/2*active_care_plan_length)
1457 encounters_count>=procedures_lifetime^2/Creatinine
1458 encounters_count>=active_care_plans*log(medications_lifetime)
1459 encounters_count>=(immunizations_lifetime^2)^mean_Creatinine
1460 encounters_count>=minimum(Body_Mass_Index,1/lifetime_conditions)
1461 encounters_count>=sqrt(device_lifetime_length)-active_care_plan_length
1462
encounters_count>=minimum(Microalbumin_Creatinine_Ratio,procedures_lifetime^2)
1463 encounters_count>=1/2*encounters_lifetime_total_cost/Low_Density_Lipoprotei
n_Cholesterol
1464 encounters_count>=1/2*encounters_lifetime_total_cost/mean_Heart_rate
1465 encounters_count>=device_lifetime_length*log(immunizations_lifetime_cost)/l
og(10)
1466 encounters_count>=sqrt(Body_Height)*medications_lifetime_perc_covered
1467 encounters_count>=-High_Density_Lipoprotein_Cholesterol+1/2*Systolic_Blood_
Pressure
1468 encounters_count>=(1/2*Potassium)^mean_Creatinine
1469
encounters_count>=Glucose*floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
1470 encounters_lifetime_total_cost<=encounters_lifetime_base_cost
1471 encounters_lifetime_total_cost>=num_allergies
1472 encounters_lifetime_total_cost>=encounters_lifetime_base_cost
1473 encounters_lifetime_base_cost<=encounters_lifetime_total_cost
1474 encounters_lifetime_base_cost>=num_allergies
1475 encounters_lifetime_base_cost>=encounters_lifetime_total_cost
1476 encounters_lifetime_payer_coverage<=healthcare_coverage

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1477 encounters_lifetime_payer_coverage<=encounters_lifetime_total_cost
1478 encounters_lifetime_payer_coverage<=encounters_lifetime_perc_covered*health
care_expenses
1479 encounters_lifetime_payer_coverage<=ceil(encounters_lifetime_total_cost)*en
counters_lifetime_perc_covered
1480 encounters_lifetime_payer_coverage>=num_allergies
1481 encounters_lifetime_payer_coverage>=encounters_lifetime_perc_covered*floor(
encounters_lifetime_total_cost)
1482 encounters_lifetime_payer_coverage>=encounters_lifetime_total_cost*floor(en
counters_lifetime_perc_covered)
1483 encounters_lifetime_perc_covered<=healthcare_coverage
1484 encounters_lifetime_perc_covered<=ceil(encounters_lifetime_payer_coverage)/
encounters_lifetime_total_cost
1485 encounters_lifetime_perc_covered<=ceil(QALY)/Glomerular_filtration_rate_1_7
3_sq_M_predicted
1486 encounters_lifetime_perc_covered<=encounters_count
1487 encounters_lifetime_perc_covered<=encounters_lifetime_payer_coverage
1488 encounters_lifetime_perc_covered<=10^num_allergies
1489 encounters_lifetime_perc_covered>=(encounters_lifetime_payer_coverage-1)/en
counters_lifetime_total_cost
1490 encounters_lifetime_perc_covered>=-healthcare_coverage
1491 encounters_lifetime_perc_covered>=-num_allergies
1492 encounters_lifetime_perc_covered>=1/2*immunizations_lifetime-
medications_lifetime
1493 encounters_lifetime_perc_covered>=log(Body_Height)/log(10)-encounters_count
1494 imaging_studies_lifetime<=healthcare_coverage
1495 imaging_studies_lifetime<=active_care_plans
1496 imaging_studies_lifetime<=procedures_lifetime_cost
1497 imaging_studies_lifetime<=active_conditions
1498 imaging_studies_lifetime<=encounters_lifetime_payer_coverage
1499 imaging_studies_lifetime<=medications_lifetime
1500 imaging_studies_lifetime<=medications_active
1501 imaging_studies_lifetime<=DALY
1502 imaging_studies_lifetime<=mean_Pain_severity___0_10_verbal_numeric_rating__
Score___Reported
1503 imaging_studies_lifetime<=device_lifetime_length/num_allergies
1504 imaging_studies_lifetime<=maximum(Sodium,1/2*num_allergies)
1505 imaging_studies_lifetime<=num_allergies/device_lifetime_length
1506 imaging_studies_lifetime<=num_allergies/medications_lifetime_perc_covered
1507 imaging_studies_lifetime<=num_allergies^Pain_severity___0_10_verbal_numeric
_rating__Score___Reported
1508 imaging_studies_lifetime<=(1/immunizations_lifetime)
1509 imaging_studies_lifetime<=floor(DALY)
1510 imaging_studies_lifetime>=-device_lifetime_length
1511 imaging_studies_lifetime>=-healthcare_coverage
1512 imaging_studies_lifetime>=-num_allergies
1513 imaging_studies_lifetime>=floor(log(lifetime_care_plans)/log(10))
1514 imaging_studies_lifetime>=ceil(Globulin_Mass_volume__in_Serum_by_calculati

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```

on)-medications_lifetime
1515 immunizations_lifetime<=ceil(log(latitude)/log(10))
1516 immunizations_lifetime<=10^healthcare_coverage
1517 immunizations_lifetime<=encounters_count
1518 immunizations_lifetime<=immunizations_lifetime_cost
1519 immunizations_lifetime<=maximum(DALY,ceil(Creatinine))
1520 immunizations_lifetime<=floor(1/medications_lifetime_perc_covered)
1521 immunizations_lifetime<=maximum(Respiratory_rate,10^num_allergies)
1522 immunizations_lifetime<=10^active_care_plans
1523 immunizations_lifetime<=active_care_plans+1
1524 immunizations_lifetime<=10^encounters_lifetime_payer_coverage
1525 immunizations_lifetime<=(1/imaging_studies_lifetime)
1526 immunizations_lifetime<=floor(1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
1527 immunizations_lifetime<=ceil(log(Urea_Nitrogen)/log(10))
1528 immunizations_lifetime<=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)
1529 immunizations_lifetime<=(log(Body_temperature)/log(10))^encounters_lifetime
    _perc_covered
1530 immunizations_lifetime<=active_care_plans/num_allergies
1531 immunizations_lifetime<=maximum(Triglycerides,10^Pain_severity___0_10_verba
    l_numeric_rating__Score___Reported)
1532 immunizations_lifetime<=floor(DALY)^Glomerular_filtration_rate_1_73_sq_M_pr
    edicted
1533 immunizations_lifetime<=-active_care_plans+encounters_count
1534 immunizations_lifetime<=(log(encounters_count)/log(10))^Glomerular_filtrati
    on_rate_1_73_sq_M_predicted
1535 immunizations_lifetime<=maximum(Pain_severity___0_10_verbal_numeric_rating_
    _Score___Reported,2*QOLS)
1536 immunizations_lifetime<=Creatinine^Estimated_Glomerular_Filtration_Rate
1537 immunizations_lifetime<=Pain_severity___0_10_verbal_numeric_rating__Score__
    _Reported+active_conditions
1538 immunizations_lifetime>=-device_lifetime_length
1539 immunizations_lifetime>=ceil(immunizations_lifetime_cost)/Body_Height
1540 immunizations_lifetime>=-num_allergies
1541 immunizations_lifetime>=num_allergies^Estimated_Glomerular_Filtration_Rate
1542 immunizations_lifetime>=minimum(immunizations_lifetime_cost,ceil(encounters
    _lifetime_perc_covered))
1543 immunizations_lifetime>=imaging_studies_lifetime^Pain_severity___0_10_verba
    l_numeric_rating__Score___Reported
1544 immunizations_lifetime>=imaging_studies_lifetime^Respiratory_rate
1545 immunizations_lifetime>=minimum(immunizations_lifetime_cost,QOLS)
1546 immunizations_lifetime>=1/2*immunizations_lifetime_cost/mean_Glucose
1547
immunizations_lifetime>=medications_lifetime_perc_covered^healthcare_coverage
1548 immunizations_lifetime>=floor(Potassium)-medications_lifetime_length
1549 immunizations_lifetime>=log(Body_Weight)/log(10)-lifetime_conditions
1550 immunizations_lifetime>=ceil(device_lifetime_length)^Glomerular_filtration_
    rate_1_73_sq_M_predicted
1551

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immunizations_lifetime>=(encounters_lifetime_perc_covered-1)^mean_Heart_rate
1552 immunizations_lifetime>=-Respiratory_rate+1/2*procedures_lifetime
1553 immunizations_lifetime>=-Diastolic_Blood_Pressure+ceil(QALY)
1554 immunizations_lifetime>=-Systolic_Blood_Pressure+floor(Chloride)
1555 immunizations_lifetime_cost<=encounters_lifetime_total_cost
1556 immunizations_lifetime_cost<=sqrt(healthcare_expenses-1)
1557 immunizations_lifetime_cost<=healthcare_expenses*immunizations_lifetime
1558 immunizations_lifetime_cost<=(Erythrocytes___volume__in_Blood_by_Automated
_count^2)^immunizations_lifetime
1559 immunizations_lifetime_cost<=log(Heart_rate)*mean_Heart_rate
1560 immunizations_lifetime_cost<=(Respiratory_rate^2)^immunizations_lifetime
1561 immunizations_lifetime_cost<=sqrt(Alanine_aminotransferase__Enzymatic_activ
ity_volume__in_Serum,Plasma)*active_care_plan_length
1562 immunizations_lifetime_cost<=(Body_Height-1)^immunizations_lifetime
1563
immunizations_lifetime_cost<=Sodium*log(Protein__Mass_volume__in_Serum,Plasma)
1564 immunizations_lifetime_cost<=-Estimated_Glomerular_Filtration_Rate+e^Microa
lbumin_Creatinine_Ratio
1565 immunizations_lifetime_cost<=Sodium*log(Chloride)/log(10)
1566 immunizations_lifetime_cost<=Body_Mass_Index*sqrt(Chloride)
1567 immunizations_lifetime_cost<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+e^li
ifetime_conditions
1568 immunizations_lifetime_cost<=2*immunizations_lifetime*mean_Glucose
1569 immunizations_lifetime_cost<=10^immunizations_lifetime*latitude
1570 immunizations_lifetime_cost<=sqrt(Heart_rate)*age
1571 immunizations_lifetime_cost<=floor(Triglycerides)/medications_lifetime_perc
_covered
1572 immunizations_lifetime_cost<=Total_Cholesterol*log(Estimated_Glomerular_Fil
tration_Rate)/log(10)
1573 immunizations_lifetime_cost<=(Urea_Nitrogen-1)*mean_Carbon_Dioxide
1574 immunizations_lifetime_cost<=10^Potassium/latitude
1575 immunizations_lifetime_cost<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*High_
Density_Lipoprotein_Cholesterol
1576 immunizations_lifetime_cost<=sqrt(Aspartate_aminotransferase__Enzymatic_act
ivity_volume__in_Serum,Plasma)+mean_Sodium
1577 immunizations_lifetime_cost<=Estimated_Glomerular_Filtration_Rate^2/medicat
ions_active
1578 immunizations_lifetime_cost<=mean_Systolic_Blood_Pressure/medications_lifet
ime_perc_covered
1579 immunizations_lifetime_cost<=2*Glucose+Sodium
1580 immunizations_lifetime_cost<=2*healthcare_coverage/procedures_lifetime
1581 immunizations_lifetime_cost<=(log(Respiratory_rate)/log(10))^Diastolic_Bloo
d_Pressure
1582 immunizations_lifetime_cost<=Triglycerides+e^active_conditions
1583 immunizations_lifetime_cost<=(active_conditions+1)*mean_Estimated_Glomerula
r_Filtration_Rate
1584 immunizations_lifetime_cost<=10^encounters_count+latitude
1585 immunizations_lifetime_cost<=(Estimated_Glomerular_Filtration_Rate+1)*mean_

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Calcium

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1586 immunizations_lifetime_cost>=immunizations_lifetime
1587 immunizations_lifetime_cost>=minimum(Systolic_Blood_Pressure,-Creatinine)
1588 immunizations_lifetime_cost>=(Body_Weight+1)*immunizations_lifetime
1589 immunizations_lifetime_cost>=Sodium-healthcare_coverage+1
1590 immunizations_lifetime_cost>=Sodium-encounters_lifetime_payer_coverage+1
1591 immunizations_lifetime_cost>=(Systolic_Blood_Pressure+1)*imaging_studies_li
fetime
1592 immunizations_lifetime_cost>=mean_Systolic_Blood_Pressure-
medications_lifetime_cost
1593 immunizations_lifetime_cost>=Systolic_Blood_Pressure*floor(QOLS)
1594 immunizations_lifetime_cost>=2*Low_Density_Lipoprotein_Cholesterol-
medications_lifetime_length
1595 immunizations_lifetime_cost>=(Chloride+1)*immunizations_lifetime
1596 immunizations_lifetime_cost>=minimum(Triglycerides,-Creatinine)
1597 immunizations_lifetime_cost>=1/2*Total_Cholesterol*immunizations_lifetime
1598 immunizations_lifetime_cost>=immunizations_lifetime*mean_Chloride
1599 immunizations_lifetime_cost>=(immunizations_lifetime^2)^Pain_severity___0_1
0_verbal_numeric_rating__Score____Reported
1600
immunizations_lifetime_cost>=2*active_condition_length*immunizations_lifetime
1601 immunizations_lifetime_cost>=procedures_lifetime^2-mean_Low_Density_Lipopro
tein_Cholesterol
1602 immunizations_lifetime_cost>=sqrt(immunizations_lifetime)^Respiratory_rate
1603 immunizations_lifetime_cost>=(Glucose+1)*immunizations_lifetime
1604 immunizations_lifetime_cost>=High_Density_Lipoprotein_Cholesterol*immunizat
ions_lifetime^2
1605 immunizations_lifetime_cost>=Urea_Nitrogen^2-medications_lifetime_cost
1606 immunizations_lifetime_cost>=2*Microalbumin_Creatinine_Ratio-
procedures_lifetime_cost
1607 medications_lifetime<=encounters_lifetime_total_cost
1608 medications_lifetime<=medications_lifetime_cost
1609 medications_lifetime<=medications_lifetime_length
1610 medications_lifetime<=medications_lifetime_dispenses
1611 medications_lifetime<=ceil(1/2*medications_lifetime_dispenses)
1612 medications_lifetime<=1/4*encounters_count^2
1613 medications_lifetime<=e^sqrt(encounters_count)
1614 medications_lifetime<=sqrt(Low_Density_Lipoprotein_Cholesterol)^Hemoglobin_
A1c_Hemoglobin_total_in_Blood
1615 medications_lifetime<=Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma^2-active_conditions
1616 medications_lifetime<=active_conditions*mean_Glomerular_filtration_rate_1_7
3_sq_M_predicted
1617 medications_lifetime<=1/2*healthcare_expenses/encounters_count
1618 medications_lifetime<=active_care_plans+healthcare_coverage
1619 medications_lifetime<=encounters_count*log(healthcare_expenses)/log(10)
1620 medications_lifetime<=healthcare_coverage^2/procedures_lifetime_cost
1621 medications_lifetime<=(Alkaline_phosphatase__Enzymatic_activity_volume__in_
```

Serum,Plasma-1)*DALY

1622 medications_lifetime<=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*mean
_Triglycerides

1623 medications_lifetime<=active_care_plans^2/imaging_studies_lifetime

1624 medications_lifetime<=e^sqrt(age)

1625 medications_lifetime<=active_care_plan_length*e^Creatinine

1626 medications_lifetime<=(2*Total_Cholesterol)^Creatinine

1627 medications_lifetime<=minimum(healthcare_expenses,2*Body_temperature)

1628 medications_lifetime<=Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma+floor(lifetime_condition_length)

1629 medications_lifetime<=encounters_lifetime_payer_coverage+latitude-1

1630 medications_lifetime<=1/2*QALY^2

1631

medications_lifetime<=floor(medications_lifetime_length)/device_lifetime_length

1632 medications_lifetime<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-
active_care_plans

1633 medications_lifetime<=log(lifetime_care_plan_length)^Potassium

1634 medications_lifetime<=2*Glomerular_filtration_rate_1_73_sq_M_predicted/num_
allergies

1635 medications_lifetime<=latitude^2/device_lifetime_length

1636 medications_lifetime<=DALY*floor(Glucose)

1637 medications_lifetime<=1/imaging_studies_lifetime+Respiratory_rate

1638 medications_lifetime<=encounters_count^2/procedures_lifetime

1639 medications_lifetime<=sqrt(healthcare_expenses)-mean_High_Density_Lipoprote
in_Cholesterol

1640 medications_lifetime<=10^medications_active+Aspartate_aminotransferase__Enz
ymatic_activity_volume__in_Serum,Plasma

1641 medications_lifetime<=1/2*Alkaline_phosphatase__Enzymatic_activity_volume__
in_Serum,Plasma*active_conditions

1642 medications_lifetime<=10^Urea_Nitrogen/healthcare_expenses

1643 medications_lifetime<=(log(QALY)/log(10))^encounters_count

1644 medications_lifetime<=10^DALY*encounters_count

1645 medications_lifetime<=10^active_care_plans+Microalbumin_Creatinine_Ratio

1646 medications_lifetime<=Microalbumin_Creatinine_Ratio^2+active_conditions

1647 medications_lifetime<=minimum(healthcare_expenses,Mental_health_Outpatient_
Note+1)

1648 medications_lifetime<=10^DALY+Diastolic_Blood_Pressure

1649 medications_lifetime<=(DALY-1)^Estimated_Glomerular_Filtration_Rate

1650 medications_lifetime<=Carbon_Dioxide^2/immunizations_lifetime

1651 medications_lifetime<=10^Pain_severity__0_10_verbal_numeric_rating__Score_
__Reported*encounters_count

1652 medications_lifetime<=Body_Weight+e^active_conditions

1653 medications_lifetime<=active_condition_length^2/device_lifetime_length

1654 medications_lifetime<=(device_lifetime_length-1)^medications_lifetime_cost

1655 medications_lifetime<=10^encounters_count/medications_lifetime_dispenses

1656 medications_lifetime<=e^encounters_count/DALY

1657 medications_lifetime<=encounters_count^2/active_care_plans

1658 medications_lifetime<=2*medications_lifetime_dispenses/lifetime_care_plans


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1659 medications_lifetime<=encounters_count^2/Calcium
1660 medications_lifetime<=encounters_count^2/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1661
1662 medications_lifetime<=1/2*encounters_lifetime_total_cost/device_lifetime_length
1663 medications_lifetime<=2*encounters_lifetime_total_cost/QALY
1664 medications_lifetime<=(1/encounters_lifetime_perc_covered)^encounters_count
1665 medications_lifetime>=num_allergies
1666 medications_lifetime>=imaging_studies_lifetime
1667 medications_lifetime>=ceil(medications_lifetime_perc_covered)
1668 medications_lifetime>=10^medications_lifetime_perc_covered*medications_active
1669 medications_lifetime>=minimum(medications_lifetime_cost,QOLS)
1670 medications_lifetime>=floor(Creatinine)
1671 medications_lifetime>=-Albumin__Mass_volume__in_Serum,Plasma+DALY
1672 medications_lifetime>=Glucose*floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
1673 medications_lifetime>=-Respiratory_rate+ceil(device_lifetime_length)
1674 medications_lifetime>=encounters_count+1/2*longitude
1675 medications_lifetime>=age*log(num_allergies)/log(10)
1676 medications_lifetime>=-QOLS+1/2*lifetime_care_plans
1677 medications_lifetime>=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*Creatinine
1678 medications_lifetime>=active_care_plans-healthcare_coverage
1679
1680 medications_lifetime>=-encounters_lifetime_payer_coverage+lifetime_care_plans
1681 medications_lifetime>=log(medications_lifetime_length)/log(10)-Pain_severity___0_10_verbal_numeric_rating__Score___Reported
1682 medications_lifetime>=-QALY+encounters_count+1
1683 medications_lifetime>=Calcium^2-mean_Heart_rate
1684 medications_lifetime>=encounters_count-mean_Carbon_Dioxide+1
1685 medications_lifetime>=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported/mean_Estimated_Glomerular_Filtration_Rate
1686 medications_lifetime>=-active_condition_length+immunizations_lifetime
1687 medications_lifetime>=ceil(device_lifetime_length)*immunizations_lifetime
1688 medications_lifetime>=1/2*longitude+mean_Microalbumin_Creatinine_Ratio
1689 medications_lifetime>=minimum(immunizations_lifetime,medications_lifetime_dispenses)
1690 medications_lifetime>=(Respiratory_rate+1)*imaging_studies_lifetime
1691 medications_lifetime>=active_care_plans*ceil(medications_lifetime_perc_covered)
1692 medications_lifetime>=minimum(device_lifetime_length,procedures_lifetime)
1693 medications_lifetime>=-Respiratory_rate+procedures_lifetime+1
1694 medications_lifetime>=Systolic_Blood_Pressure-Triglycerides+1
1695 medications_lifetime>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported-immunizations_lifetime_cost+1
1696 medications_lifetime>=active_conditions^2-Alkaline_phosphatase__Enzymatic_a

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ctivity_volume__in_Serum,Plasma
 1696 medications_lifetime>=sqrt(Aspartate_aminotransferase__Enzymatic_activity_v
 olume__in_Serum,Plasma)^Pain_severity___0_10_verbal_numeric_rating__Score___Rep
 orted
 1697
 medications_lifetime>=(log(lifetime_conditions)/log(10))^mean_Carbon_Dioxide
 1698 medications_lifetime>=Microalbumin_Creatinine_Ratio*log(active_care_plans)/
 log(10)
 1699 medications_lifetime>=Potassium*num_allergies^2
 1700 medications_lifetime>=-QALY+mean_Microalbumin_Creatinine_Ratio
 1701 medications_lifetime>=e^immunizations_lifetime*num_allergies
 1702 medications_lifetime>=floor(1/2*active_care_plans)
 1703 medications_lifetime>=10^num_allergies*Bilirubin_total__Mass_volume__in_Ser
 um,Plasma
 1704 medications_lifetime>=encounters_count*log(num_allergies)
 1705
 medications_lifetime>=immunizations_lifetime_cost*log(num_allergies)/log(10)
 1706 medications_lifetime>=active_care_plans-medications_active-1
 1707 medications_lifetime>=minimum(High_Density_Lipoprotein_Cholesterol,1/active
 _care_plans)
 1708 medications_lifetime>=10^Pain_severity___0_10_verbal_numeric_rating__Score_
 ___Reported/Triglycerides
 1709 medications_lifetime>=procedures_lifetime^2-Calcium
 1710 medications_lifetime>=-Carbon_Dioxide+encounters_count-1
 1711 medications_lifetime>=sqrt(medications_active)^Leukocytes___volume__in_Blo
 od_by_Automated_count
 1712 medications_lifetime>=sqrt(encounters_lifetime_total_cost)-mean_Estimated_G
 lomerular_Filtration_Rate
 1713
 medications_lifetime>=(Respiratory_rate-1)*medications_lifetime_perc_covered
 1714 medications_lifetime>=1/2*medications_active*procedures_lifetime
 1715 medications_lifetime>=2*Estimated_Glomerular_Filtration_Rate*medications_li
 fetime_perc_covered
 1716 medications_lifetime>=medications_active*sqrt(procedures_lifetime)
 1717 medications_lifetime>=log(Creatinine)^mean_Calcium
 1718 medications_lifetime>=2*Microalbumin_Creatinine_Ratio-
 lifetime_condition_length
 1719 medications_lifetime_cost<=encounters_lifetime_total_cost^2
 1720 medications_lifetime_cost<=sqrt(Diastolic_Blood_Pressure)^medications_lifet
 ime_length
 1721 medications_lifetime_cost<=(Heart_rate-1)*encounters_lifetime_total_cost
 1722 medications_lifetime_cost<=latitude^2*medications_lifetime_dispenses
 1723 medications_lifetime_cost<=(Chloride-1)*medications_lifetime_length
 1724 medications_lifetime_cost<=10^medications_lifetime_dispenses*Hemoglobin_A1c
 _Hemoglobin_total_in_Blood
 1725
 medications_lifetime_cost<=2*Total_Cholesterol*medications_lifetime_dispenses
 1726 medications_lifetime_cost<=(healthcare_expenses-1)/num_allergies

1727 medications_lifetime_cost<=(active_care_plan_length-1)^Potassium
1728 medications_lifetime_cost<=(healthcare_expenses-1)^medications_lifetime
1729 medications_lifetime_cost<=floor(Body_Mass_Index)^encounters_count
1730 medications_lifetime_cost<=Alanine_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma*Triglycerides^2
1731
medications_lifetime_cost<=(log(encounters_lifetime_payer_coverage)/log(10))^age
1732 medications_lifetime_cost<=e^Aspartate_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma*lifetime_care_plan_length
1733 medications_lifetime_cost<=(Protein__Mass_volume__in_Serum,Plasma-1)*health
care_coverage
1734 medications_lifetime_cost<=encounters_lifetime_total_cost^2-medications_lif
etime_length
1735 medications_lifetime_cost<=e^QALY/medications_lifetime_dispenses
1736
medications_lifetime_cost<=Body_Weight^2*Low_Density_Lipoprotein_Cholesterol
1737 medications_lifetime_cost<=healthcare_expenses*medications_lifetime_length
1738 medications_lifetime_cost<=10^Albumin__Mass_volume__in_Serum,Plasma*QALY
1739 medications_lifetime_cost<=QALY^2*medications_lifetime_dispenses
1740 medications_lifetime_cost<=(10^medications_lifetime)^Prostate_specific_Ag__
Mass_volume__in_Serum,Plasma
1741 medications_lifetime_cost<=10^DALY*healthcare_expenses
1742 medications_lifetime_cost<=e^DALY*healthcare_expenses
1743 medications_lifetime_cost<=(Respiratory_rate^2)^Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood
1744 medications_lifetime_cost<=10^floor(Microalbumin_Creatinine_Ratio)
1745 medications_lifetime_cost<=e^(mean_Respiratory_rate+1)
1746 medications_lifetime_cost<=10^Potassium*mean_Glucose
1747
medications_lifetime_cost<=sqrt(healthcare_expenses)*medications_lifetime_length
1748 medications_lifetime_cost<=Body_Height*age^2
1749 medications_lifetime_cost<=2*healthcare_expenses/medications_lifetime_perc_
covered
1750 medications_lifetime_cost<=healthcare_coverage^2/device_lifetime_length
1751 medications_lifetime_cost<=sqrt(age)*healthcare_expenses
1752 medications_lifetime_cost<=10^active_care_plans*healthcare_expenses
1753
medications_lifetime_cost<=medications_lifetime_dispenses^2+healthcare_expenses
1754 medications_lifetime_cost<=10^active_conditions/device_lifetime_length
1755 medications_lifetime_cost<=sqrt(Calcium)^Respiratory_rate
1756 medications_lifetime_cost<=10^lifetime_conditions*Urea_Nitrogen
1757 medications_lifetime_cost<=Triglycerides*lifetime_condition_length^2
1758 medications_lifetime_cost<=log(Diastolic_Blood_Pressure)^mean_Calcium
1759 medications_lifetime_cost<=Glomerular_filtration_rate_1_73_sq_M_predicted*e
^Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1760 medications_lifetime_cost<=encounters_lifetime_total_cost^2/Aspartate_amino
transferase__Enzymatic_activity_volume__in_Serum,Plasma
1761 medications_lifetime_cost<=(log(Heart_rate)/log(10))^QALY

1762 medications_lifetime_cost<=Body_Mass_Index^2*medications_lifetime_dispenses
1763 medications_lifetime_cost<=Body_Weight*e^Calcium
1764 medications_lifetime_cost<=ceil(Body_Weight)*encounters_lifetime_total_cost
1765 medications_lifetime_cost<=Body_Height^2*mean_Body_Mass_Index
1766 medications_lifetime_cost<=Protein_Mass_volume__in_Serum,Plasma*e^Calcium
1767 medications_lifetime_cost<=Chloride^2*Glomerular_filtration_rate_1_73_sq_M_
predicted
1768 medications_lifetime_cost<=(Creatinine+1)^Carbon_Dioxide
1769 medications_lifetime_cost<=Carbon_Dioxide^2*medications_lifetime_dispenses
1770 medications_lifetime_cost<=log(Body_temperature)^encounters_count
1771 medications_lifetime_cost<=log(Erythrocytes___volume__in_Blood_by_Automate
d_count)^encounters_count
1772 medications_lifetime_cost>=num_allergies
1773 medications_lifetime_cost>=1/2*DALY*medications_lifetime_length
1774 medications_lifetime_cost>=1/2*Respiratory_rate*medications_lifetime
1775 medications_lifetime_cost>=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*mea
n_Hemoglobin_A1c_Hemoglobin_total_in_Blood
1776 medications_lifetime_cost>=log(age)*medications_lifetime_length/log(10)
1777 medications_lifetime_cost>=4*Urea_Nitrogen
1778 medications_lifetime_cost>=Protein_Mass_volume__in_Serum,Plasma*Sodium
1779 medications_lifetime_cost>=2*10^mean_Creatinine
1780 medications_lifetime_cost>=2*healthcare_coverage*num_allergies
1781 medications_lifetime_cost>=10^active_care_plans/Triglycerides
1782 medications_lifetime_cost>=(medications_lifetime_dispenses-1)*Chloride
1783 medications_lifetime_cost>=(medications_lifetime_dispenses+1)*mean_Microalb
umin_Creatinine_Ratio
1784 medications_lifetime_cost>=(e^Pain_severity___0_10_verbal_numeric_rating__S
core___Reported)^Albumin__Mass_volume__in_Serum,Plasma
1785 medications_lifetime_cost>=latitude^2*medications_active
1786
medications_lifetime_cost>=lifetime_care_plans^2*medications_lifetime_dispenses
1787 medications_lifetime_cost>=active_conditions*medications_lifetime_length
1788
medications_lifetime_cost>=healthcare_coverage*log(medications_lifetime)/log(10)
1789
medications_lifetime_cost>=(encounters_lifetime_total_cost+1)*medications_active
1790 medications_lifetime_cost>=sqrt(medications_lifetime)*medications_lifetime_
length
1791 medications_lifetime_cost>=healthcare_coverage*medications_lifetime_perc_co
vered^2
1792
medications_lifetime_cost>=2*medications_lifetime_length*procedures_lifetime
1793 medications_lifetime_cost>=(medications_lifetime_dispenses-1)*High_Density_
Lipoprotein_Cholesterol
1794 medications_lifetime_cost>=(medications_lifetime_length-1)*Respiratory_rate
1795 medications_lifetime_cost>=healthcare_coverage*num_allergies^2
1796 medications_lifetime_cost>=(2*Calcium)^Pain_severity___0_10_verbal_numeric_
rating__Score___Reported

1797 $\text{medications_lifetime_cost} \geq 2 * \text{Glomerular_filtration_rate_1_73_sq_M_predicted} * \text{medications_lifetime_dispenses}$
 1798 $\text{medications_lifetime_cost} \geq \text{immunizations_lifetime} * \text{medications_lifetime}^2$
 1799 $\text{medications_lifetime_cost} \geq 1/2 * \text{medications_lifetime}^2$
 1800
 $\text{medications_lifetime_cost} \geq \text{medications_active}^2 * \text{medications_lifetime_dispenses}$
 1801 $\text{medications_lifetime_cost} \geq 10^{\text{Albumin_Mass_volume_in_Serum,Plasma-healthcare_coverage}}$
 1802 $\text{medications_lifetime_cost} \geq (\text{procedures_lifetime} - 1)^{\text{mean_Creatinine}}$
 1803 $\text{medications_lifetime_cost} \geq (1/2 * \text{active_care_plans})^{\text{Calcium}}$
 1804 $\text{medications_lifetime_cost} \geq \text{Heart_rate}^2 * \text{medications_active}$
 1805 $\text{medications_lifetime_cost} \geq \text{lifetime_condition_length}^2 * \text{num_allergies}$
 1806 $\text{medications_lifetime_cost} \geq \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}^2 * \text{High_Density_Lipoprotein_Cholesterol}$
 1807
 $\text{medications_lifetime_cost} \geq e^{\text{active_conditions/Microalbumin_Creatinine_Ratio}}$
 1808 $\text{medications_lifetime_cost} \geq (1/2 * \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma})^{\text{Albumin_Mass_volume_in_Serum,Plasma}}$
 1809 $\text{medications_lifetime_cost} \geq e^{\text{lifetime_conditions/Low_Density_Lipoprotein_Cholesterol}}$
 1810 $\text{medications_lifetime_cost} \geq 10^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} * \text{medications_active}}$
 1811 $\text{medications_lifetime_cost} \geq \text{device_lifetime_length} * \sqrt{\text{medications_lifetime_length}}$
 1812 $\text{medications_lifetime_cost} \geq \text{Low_Density_Lipoprotein_Cholesterol}^2 * \text{medications_active}$
 1813
 $\text{medications_lifetime_cost} \geq \text{Albumin_Mass_volume_in_Serum,Plasma} * \text{Triglycerides}^2$
 1814
 $\text{medications_lifetime_cost} \geq \text{active_conditions} * \text{ceil}(\text{medications_lifetime_length})$
 1815 $\text{medications_lifetime_cost} \geq \text{immunizations_lifetime_cost}^2 * \text{medications_lifetime_perc_covered}$
 1816 $\text{medications_lifetime_cost} \geq 1/2 * \text{Glomerular_filtration_rate_1_73_sq_M_predicted} * \text{encounters_lifetime_payer_coverage}$
 1817 $\text{medications_lifetime_cost} \geq \text{floor}(\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood})^{\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}}$
 1818 $\text{medications_lifetime_cost} \geq \text{Globulin_Mass_volume_in_Serum_by_calculation} * \text{Total_Cholesterol}^2$
 1819 $\text{medications_lifetime_cost} \geq e^{\text{Albumin_Mass_volume_in_Serum,Plasma} * \text{medications_lifetime_dispenses}}$
 1820 $\text{medications_lifetime_perc_covered} \leq \text{healthcare_coverage}$
 1821 $\text{medications_lifetime_perc_covered} \leq \text{active_conditions}$
 1822 $\text{medications_lifetime_perc_covered} \leq \text{floor}(\text{active_condition_length})$
 1823 $\text{medications_lifetime_perc_covered} \leq \text{medications_lifetime}$
 1824 $\text{medications_lifetime_perc_covered} \leq \text{encounters_lifetime_payer_coverage}$
 1825 $\text{medications_lifetime_perc_covered} \leq (\text{Systolic_Blood_Pressure} + 1) / \text{lifetime_care_plan_length}$
 1826 $\text{medications_lifetime_perc_covered} \leq 1/2 * \text{healthcare_coverage} / \text{encounters_lifetime_perc_covered}$

ime_total_cost
 1827 medications_lifetime_perc_covered<=log(Systolic_Blood_Pressure)/log(10)-imm
 unizations_lifetime
 1828 medications_lifetime_perc_covered<=maximum(Pain_severity___0_10_verbal_num
 eric_rating__Score___Reported,sqrt(QOLS))
 1829 medications_lifetime_perc_covered<=-medications_lifetime+medications_lifeti
 me_dispenses
 1830 medications_lifetime_perc_covered<=(Triglycerides+1)/Sodium
 1831 medications_lifetime_perc_covered<=(immunizations_lifetime-1)^num_allergies
 1832 medications_lifetime_perc_covered<=(log(Urea_Nitrogen)/log(10))^mean_Pain_s
 everity___0_10_verbal_numeric_rating__Score___Reported
 1833 medications_lifetime_perc_covered<=log(age)/medications_active
 1834 medications_lifetime_perc_covered<=active_conditions-num_allergies
 1835 medications_lifetime_perc_covered<=10^encounters_lifetime_payer_coverage*ac
 tive_care_plans
 1836 medications_lifetime_perc_covered<=1/2*Body_Weight/active_condition_length
 1837 medications_lifetime_perc_covered<=QALY^2/medications_lifetime_dispenses
 1838 medications_lifetime_perc_covered<=Alkaline_phosphatase__Enzymatic_activity
 _volume__in_Serum,Plasma^2/medications_lifetime_dispenses
 1839
 medications_lifetime_perc_covered<=1/2*Body_Mass_Index/device_lifetime_length
 1840 medications_lifetime_perc_covered<=sqrt(Creatinine-1)
 1841
 medications_lifetime_perc_covered<=log(healthcare_expenses)/Respiratory_rate
 1842 medications_lifetime_perc_covered<=e^active_conditions/High_Density_Lipopro
 tein_Cholesterol
 1843 medications_lifetime_perc_covered<=Creatinine^Globulin__Mass_volume__in_Ser
 um_by_calculation
 1844 medications_lifetime_perc_covered<=(active_conditions+1)/Calcium
 1845 medications_lifetime_perc_covered<=num_allergies^imaging_studies_lifetime
 1846 medications_lifetime_perc_covered<=active_care_plans^device_lifetime_length
 1847 medications_lifetime_perc_covered<=log(encounters_count)/Pain_severity___0_
 10_verbal_numeric_rating__Score___Reported
 1848 medications_lifetime_perc_covered<=mean_Pain_severity___0_10_verbal_numeric
 _rating__Score___Reported^Creatinine
 1849 medications_lifetime_perc_covered<=(Microalbumin_Creatinine_Ratio+1)/Body_M
 ass_Index
 1850 medications_lifetime_perc_covered<=(1/2*lifetime_care_plan_length)^lifetime
 _care_plans
 1851 medications_lifetime_perc_covered<=sqrt(medications_lifetime_length)/Body_M
 ass_Index
 1852 medications_lifetime_perc_covered<=encounters_lifetime_perc_covered*sqrt(li
 fetime_conditions)
 1853 medications_lifetime_perc_covered<=(medications_lifetime-1)/Alanine_aminotr
 ansferase__Enzymatic_activity_volume__in_Serum,Plasma
 1854 medications_lifetime_perc_covered<=immunizations_lifetime^Mental_health_Out
 patient_Note
 1855 medications_lifetime_perc_covered<=-medications_active+medications_lifetime

1856 medications_lifetime_perc_covered<=-Glucose+Triglycerides-1
1857 medications_lifetime_perc_covered<=-active_care_plans+encounters_count
1858 medications_lifetime_perc_covered<=medications_active^Body_temperature
1859 medications_lifetime_perc_covered<=10^DALY/active_conditions
1860 medications_lifetime_perc_covered<=Potassium-mean_Potassium+1
1861 medications_lifetime_perc_covered<=floor(encounters_lifetime_total_cost)/me
dications_lifetime_length
1862 medications_lifetime_perc_covered<=active_condition_length*encounters_lifet
ime_perc_covered^2
1863 medications_lifetime_perc_covered<=1/2*Creatinine+immunizations_lifetime
1864 medications_lifetime_perc_covered<=DALY^num_allergies
1865 medications_lifetime_perc_covered<=1/2*Creatinine*DALY
1866 medications_lifetime_perc_covered<=(DALY+1)/active_care_plans
1867 medications_lifetime_perc_covered<=2*encounters_count/Glomerular_filtration
_rate_1_73_sq_M_predicted
1868 medications_lifetime_perc_covered<=2*Body_Height/medications_lifetime
1869 medications_lifetime_perc_covered<=2*High_Density_Lipoprotein_Cholesterol/S
ystolic_Blood_Pressure
1870 medications_lifetime_perc_covered<=e^Globulin__Mass_volume__in_Serum_by_cal
culation/DALY
1871 medications_lifetime_perc_covered<=-encounters_lifetime_perc_covered+e^Bili
rubin_total__Mass_volume__in_Serum,Plasma
1872 medications_lifetime_perc_covered<=(log(active_care_plan_length)/log(10))^p
rocedures_lifetime_cost
1873
medications_lifetime_perc_covered<=(medications_lifetime+1)/procedures_lifetime
1874 medications_lifetime_perc_covered<=maximum(lifetime_care_plans,active_condi
tions-1)
1875 medications_lifetime_perc_covered<=1/active_conditions+mean_Pain_severity__
_0_10_verbal_numeric_rating__Score____Reported
1876 medications_lifetime_perc_covered<=maximum(QOLS,2*encounters_lifetime_perc_
covered)
1877 medications_lifetime_perc_covered<=sqrt(encounters_lifetime_total_cost)/age
1878 medications_lifetime_perc_covered<=10^encounters_lifetime_payer_coverage*im
munizations_lifetime
1879 medications_lifetime_perc_covered<=(medications_active-1)^Platelet_distribu
tion_width__Entitic_volume__in_Blood_by_Automated_count
1880 medications_lifetime_perc_covered>=-device_lifetime_length
1881 medications_lifetime_perc_covered>=-healthcare_coverage
1882 medications_lifetime_perc_covered>=-num_allergies
1883 medications_lifetime_perc_covered>=-Estimated_Glomerular_Filtration_Rate+Ur
ea_Nitrogen
1884 medications_lifetime_perc_covered>=-Bilirubin_total__Mass_volume__in_Serum,
Plasma+log(num_allergies)
1885 medications_lifetime_perc_covered>=sqrt(device_lifetime_length)/Microalbumi
n_Creatinine_Ratio
1886 medications_lifetime_perc_covered>=sqrt(Triglycerides)-Respiratory_rate
1887 medications_lifetime_perc_covered>=log(encounters_lifetime_payer_coverage)-

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mean_Calcium
1888 medications_lifetime_perc_covered>=Body_Weight-mean_Body_Weight
1889 medications_lifetime_perc_covered>=log(QALY)-mean_Potassium
1890 medications_lifetime_perc_covered>=log(procedures_lifetime_cost)/log(10)-Al
bumin__Mass_volume__in_Serum,Plasma
1891 medications_lifetime_perc_covered>=Bilirubin_total__Mass_volume__in_Serum,P
lasma-QOLS
1892 medications_lifetime_perc_covered>=-DALY+ceil(Bilirubin_total__Mass_volume_
_in_Serum,Plasma)
1893 medications_lifetime_perc_covered>=sqrt(Calcium)-Hemoglobin_A1c_Hemoglobin_
total_in_Blood
1894 medications_lifetime_perc_covered>=log(medications_lifetime_length)/log(10)
-Potassium
1895 medications_lifetime_perc_covered>=floor(Creatinine)/Alkaline_phosphatase__
Enzymatic_activity_volume__in_Serum,Plasma
1896 medications_lifetime_perc_covered>=(1/healthcare_expenses)^Estimated_Glomer
ular_Filtration_Rate
1897 medications_lifetime_perc_covered>=-Albumin__Mass_volume__in_Serum,Plasma+l
og(Protein__Mass_volume__in_Serum,Plasma)
1898 medications_lifetime_perc_covered>=-age+1/2*latitude
1899 medications_lifetime_perc_covered>=Bilirubin_total__Mass_volume__in_Serum,P
lasma*log(num_allergies)
1900 medications_lifetime_perc_covered>=-active_care_plan_length+log(lifetime_ca
re_plan_length)
1901 medications_lifetime_perc_covered>=log(lifetime_condition_length)/log(10)-G
lobulin__Mass_volume__in_Serum_by_calculation
1902 medications_lifetime_perc_covered>=Creatinine-mean_Creatinine-1
1903 medications_lifetime_perc_covered>=(1/Systolic_Blood_Pressure)^Body_Height
1904 medications_lifetime_perc_covered>=log(device_lifetime_length)/(Carbon_Diox
ide*log(10))
1905 medications_lifetime_perc_covered>=1/Low_Density_Lipoprotein_Cholesterol-
active_care_plans
1906 medications_lifetime_perc_covered>=log(Hemoglobin_A1c_Hemoglobin_total_in_B
lood)/log(10)-mean_Creatinine
1907 medications_lifetime_length<=log(healthcare_expenses)*medications_lifetime_
dispenses/log(10)
1908 medications_lifetime_length<=medications_lifetime_cost
1909 medications_lifetime_length<=Potassium*age^2
1910
medications_lifetime_length<=floor(medications_lifetime_cost)/active_conditions
1911 medications_lifetime_length<=(Heart_rate+1)*Body_Height
1912 medications_lifetime_length<=floor(encounters_lifetime_total_cost)/medicati
ons_lifetime_perc_covered
1913 medications_lifetime_length<=e^ceil(Calcium)
1914 medications_lifetime_length<=log(Chloride)*medications_lifetime_dispenses
1915 medications_lifetime_length<=2*Triglycerides*latitude
1916 medications_lifetime_length<=log(Systolic_Blood_Pressure)*medications_lifet
ime_dispenses

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1917 medications_lifetime_length<=lifetime_condition_length^2/Globulin__Mass_vol
ume__in_Serum_by_calculation
1918 medications_lifetime_length<=sqrt(QALY)*medications_lifetime_dispenses
1919
1920 medications_lifetime_length<=(1/encounters_lifetime_perc_covered)^Carbon_Dioxide
1921 medications_lifetime_length<=(healthcare_expenses-1)^Creatinine
1922 medications_lifetime_length<=(Chloride+1)*lifetime_condition_length
1923 medications_lifetime_length<=maximum(encounters_lifetime_payer_coverage,10^
active_condition_length)
1924 medications_lifetime_length<=10^active_condition_length/procedures_lifetime
1925 medications_lifetime_length<=(1/2*High_Density_Lipoprotein_Cholesterol)^Hem
oglobin_A1c_Hemoglobin_total_in_Blood
1926 medications_lifetime_length<=(Microalbumin_Creatinine_Ratio-1)*medications_
lifetime_dispenses
1927 medications_lifetime_length<=ceil(e^medications_lifetime_dispenses)
1928 medications_lifetime_length<=DALY*Low_Density_Lipoprotein_Cholesterol^2
1929 medications_lifetime_length<=encounters_lifetime_total_cost*log(healthcare_
expenses)/log(10)
1930 medications_lifetime_length<=QALY^Globulin__Mass_volume__in_Serum_by_calculation
1931 medications_lifetime_length<=10^medications_lifetime+Aspartate_aminotransfe
rase__Enzymatic_activity_volume__in_Serum,Plasma
1932 medications_lifetime_length<=medications_lifetime_dispenses^2+active_care_plans
1933 medications_lifetime_length<=1/2*medications_lifetime_cost+medications_lif
etime_dispenses
1934 medications_lifetime_length<=Low_Density_Lipoprotein_Cholesterol^2+mean_Mic
roalbumin_Creatinine_Ratio
1935 medications_lifetime_length<=log(encounters_lifetime_total_cost)*medication
s_lifetime_dispenses
1936 medications_lifetime_length<=2*encounters_lifetime_total_cost/encounters_li
fetime_perc_covered
1937 medications_lifetime_length<=log(Total_Cholesterol)^medications_lifetime
1938 medications_lifetime_length<=Glucose^2/encounters_lifetime_perc_covered
1939 medications_lifetime_length<=Glomerular_filtration_rate_1_73_sq_M_predicted
^2*medications_active
1940 medications_lifetime_length<=Glomerular_filtration_rate_1_73_sq_M_predicted
*mean_Triglycerides
1941 medications_lifetime_length<=(2*Body_Height)^medications_lifetime
1942 medications_lifetime_length<=1/2*medications_lifetime_cost/procedures_lifetime
1943 medications_lifetime_length<=log(Triglycerides)*medications_lifetime_dispenses
1944 medications_lifetime_length<=(log(High_Density_Lipoprotein_Cholesterol)/log
(10))^Estimated_Glomerular_Filtration_Rate
1945 medications_lifetime_length<=DALY*Glomerular_filtration_rate_1_73_sq_M_pred
icted^2
1946 medications_lifetime_length<=(Globulin__Mass_volume__in_Serum_by_calculatio

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n-1)*encounters_lifetime_total_cost
1946 medications_lifetime_length<=10^medications_active*encounters_lifetime_total_cost
1947 medications_lifetime_length<=QALY^2*encounters_count
1948 medications_lifetime_length<=-Total_Cholesterol+e^Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1949 medications_lifetime_length<=e^Respiratory_rate/Carbon_Dioxide
1950 medications_lifetime_length>=num_allergies
1951 medications_lifetime_length>=log(procedures_lifetime)*medications_lifetime_dispenses
1952 medications_lifetime_length>=medications_lifetime
1953 medications_lifetime_length>=ceil(Creatinine)
1954 medications_lifetime_length>=(medications_lifetime_cost+1)/Low_Density_Lipoprotein_Cholesterol
1955 medications_lifetime_length>=minimum(medications_lifetime_cost,procedures_lifetime)
1956 medications_lifetime_length>=(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2)^Bilirubin_total__Mass_volume__in_Serum,Plasma
1957 medications_lifetime_length>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+Chloride-1
1958 medications_lifetime_length>=(medications_lifetime_cost+1)/Chloride
1959 medications_lifetime_length>=log(device_lifetime_length)*medications_lifetime_dispenses
1960 medications_lifetime_length>=sqrt(medications_lifetime_cost)+longitude
1961 medications_lifetime_length>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2+High_Density_Lipoprotein_Cholesterol
1962 medications_lifetime_length>=(medications_lifetime-1)*Calcium
1963 medications_lifetime_length>=(medications_lifetime_cost+1)/mean_Low_Density_Lipoprotein_Cholesterol
1964 medications_lifetime_length>=latitude*log(medications_lifetime_dispenses)/log(10)
1965 medications_lifetime_length>=sqrt(encounters_lifetime_payer_coverage)*medications_active
1966
medications_lifetime_length>=(medications_lifetime_dispenses+1)*num_allergies
1967 medications_lifetime_length>=encounters_lifetime_payer_coverage+log(num_allergies)
1968 medications_lifetime_length>=(medications_lifetime_dispenses-1)*Pain_severity__0_10_verbal_numeric_rating__Score___Reported
1969 medications_lifetime_length>=1/2*active_care_plans*medications_lifetime_dispenses
1970 medications_lifetime_length>=Glomerular_filtration_rate_1_73_sq_M_predicted^2/Globulin__Mass_volume__in_Serum_by_calculation
1971
medications_lifetime_length>=(immunizations_lifetime_cost+1)*medications_active
1972 medications_lifetime_length>=e^lifetime_care_plans*medications_lifetime_perc_covered
1973 medications_lifetime_length>=(medications_active-1)^Hemoglobin_A1c_Hemoglobin

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in_total_in_Blood
 1974 $\text{medications_lifetime_length} \geq \frac{1}{2} \times \text{High_Density_Lipoprotein_Cholesterol} \times \text{Protein_Mass_volume_in_Serum,Plasma}$
 1975 $\text{medications_lifetime_length} \geq 2 \times \text{Total_Cholesterol} \times \text{medications_active}$
 1976 $\text{medications_lifetime_length} \geq \sqrt{\text{lifetime_care_plans}} \times \text{medications_lifetime_dispenses}$
 1977 $\text{medications_lifetime_length} \geq (\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma} + 1) \times \text{Low_Density_Lipoprotein_Cholesterol}$
 1978 $\text{medications_lifetime_length} \geq \log(\text{lifetime_condition_length}) \times \text{medications_lifetime_dispenses} / \log(10)$
 1979 $\text{medications_lifetime_length} \geq \text{medications_lifetime}^2 / \text{mean_Glucose}$
 1980 $\text{medications_lifetime_length} \geq \sqrt{\text{medications_lifetime_cost}} - \text{procedures_lifetime_cost}$
 1981 $\text{medications_lifetime_length} \geq \text{Heart_rate} \times \text{medications_active}^2$
 1982 $\text{medications_lifetime_length} \geq \text{Globulin_Mass_volume_in_Serum_by_calculation}^2 \times \text{Total_Cholesterol}$
 1983 $\text{medications_lifetime_length} \geq \text{medications_lifetime}^2 / \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}$
 1984 $\text{medications_lifetime_length} \geq \text{Systolic_Blood_Pressure} \times \log(\text{medications_lifetime})$
 1985 $\text{medications_lifetime_length} \geq \log(\text{DALY}) \times \text{medications_lifetime_dispenses}$
 1986 $\text{medications_lifetime_length} \geq \frac{1}{2} \times \text{medications_active} \times \text{medications_lifetime_dispenses}$
 1987 $\text{medications_lifetime_length} \geq -\text{immunizations_lifetime} + 2 \times \text{medications_lifetime_dispenses}$
 1988 $\text{medications_lifetime_length} \geq \text{Albumin_Mass_volume_in_Serum,Plasma} \times e^{\text{medications_active}}$
 1989 $\text{medications_lifetime_length} \geq \log(\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}) \times \text{medications_lifetime_dispenses}$
 1990 $\text{medications_lifetime_length} \geq \text{mean_Heart_rate} \times \text{medications_active}^2$
 1991 $\text{medications_lifetime_length} \geq 2 \times \text{Systolic_Blood_Pressure} \times \text{medications_active}$
 1992 $\text{medications_lifetime_length} \geq (\text{procedures_lifetime} - 1) \times \text{mean_Microalbumin_Creatinine_Ratio}$
 1993 $\text{medications_lifetime_length} \geq \text{Estimated_Glomerular_Filtration_Rate}^2 \times \text{medications_lifetime_perc_covered}$
 1994 $\text{medications_lifetime_dispenses} \leq \text{medications_lifetime_length}$
 1995 $\text{medications_lifetime_dispenses} \leq \text{medications_lifetime_cost}$
 1996 $\text{medications_lifetime_dispenses} \leq \text{latitude}^2 / \text{encounters_lifetime_perc_covered}$
 1997 $\text{medications_lifetime_dispenses} \leq 2 \times \text{encounters_lifetime_payer_coverage} + \text{encounters_lifetime_total_cost}$
 1998 $\text{medications_lifetime_dispenses} \leq \text{ceil}(\frac{1}{2} \times \text{medications_lifetime_length})$
 1999 $\text{medications_lifetime_dispenses} \leq 2 \times \text{encounters_lifetime_total_cost} / \text{procedures_lifetime}$
 2000 $\text{medications_lifetime_dispenses} \leq (\text{Diastolic_Blood_Pressure} - 1)^{\text{medications_lifetime}}$
 2001 $\text{medications_lifetime_dispenses} \leq \text{age}^2 + \text{Systolic_Blood_Pressure}$
 2002 $\text{medications_lifetime_dispenses} \leq (\text{medications_lifetime_cost} - 1) / \text{mean_Microalbumin_Creatinine_Ratio}$

2003 $\text{medications_lifetime_dispenses} \leq 10^{\text{medications_lifetime}}$
 2004 $\text{medications_lifetime_dispenses} \leq 2 * \text{encounters_lifetime_payer_coverage} / \text{num_allergies}$
 2005 $\text{medications_lifetime_dispenses} \leq \sqrt{\text{healthcare_expenses}} + \text{encounters_lifetime_total_cost}$
 2006 $\text{medications_lifetime_dispenses} \leq (\log(\text{device_lifetime_length}) / \log(10))^{\text{mean_Carbon_Dioxide}}$
 2007 $\text{medications_lifetime_dispenses} \leq (\text{Estimated_Glomerular_Filtration_Rate} - 1) * \text{lifetime_care_plan_length}$
 2008 $\text{medications_lifetime_dispenses} \leq e^{\text{Urea_Nitrogen} / \text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}}$
 2009 $\text{medications_lifetime_dispenses} \leq \text{active_condition_length}^2 - \text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma}$
 2010 $\text{medications_lifetime_dispenses} \leq \text{Carbon_Dioxide} * e^{\text{medications_lifetime}}$
 2011
 $\text{medications_lifetime_dispenses} \leq (\text{Microalbumin_Creatinine_Ratio} - 1) * \text{Triglycerides}$
 2012 $\text{medications_lifetime_dispenses} \leq \text{Albumin_Mass_volume_in_Serum,Plasma} * e^{\text{active_conditions}}$
 2013 $\text{medications_lifetime_dispenses} \leq \text{lifetime_care_plans} + 1/2 * \text{medications_lifetime_length}$
 2014 $\text{medications_lifetime_dispenses} \leq (\text{Chloride} - 1) * \text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma}$
 2015 $\text{medications_lifetime_dispenses} \leq 10^{\text{encounters_count} / \text{active_care_plans}}$
 2016 $\text{medications_lifetime_dispenses} \leq (1/2 * \text{medications_lifetime_cost})^{\text{Creatinine}}$
 2017
 $\text{medications_lifetime_dispenses} \leq \text{Creatinine}^{\text{Estimated_Glomerular_Filtration_Rate}}$
 2018 $\text{medications_lifetime_dispenses} \leq e^{\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma} / \text{Potassium}}$
 2019 $\text{medications_lifetime_dispenses} \leq \log(\text{active_conditions})^{\text{Carbon_Dioxide}}$
 2020 $\text{medications_lifetime_dispenses} \leq 1/2 * \text{Low_Density_Lipoprotein_Cholesterol} * \text{age}$
 2021 $\text{medications_lifetime_dispenses} \leq \text{floor}(\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma})^{\text{medications_lifetime}}$
 2022 $\text{medications_lifetime_dispenses} \leq \text{medications_lifetime_length} / \text{immunizations_lifetime}$
 2023 $\text{medications_lifetime_dispenses} \leq (\text{Triglycerides}^2)^{\text{Creatinine}}$
 2024 $\text{medications_lifetime_dispenses} \leq 10^{\text{ceil}(\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood})}$
 2025 $\text{medications_lifetime_dispenses} \leq (\text{Diastolic_Blood_Pressure} - 1) * \text{mean_High_Density_Lipoprotein_Cholesterol}$
 2026 $\text{medications_lifetime_dispenses} \leq \text{Triglycerides} * e^{\text{active_conditions}}$
 2027 $\text{medications_lifetime_dispenses} \leq \text{maximum}(\text{encounters_lifetime_payer_coverage}, e^{\text{active_condition_length}})$
 2028 $\text{medications_lifetime_dispenses} \leq \text{maximum}(\text{encounters_lifetime_payer_coverage}, \text{age}^2)$
 2029 $\text{medications_lifetime_dispenses} \leq (\text{lifetime_care_plan_length} - 1) * \text{mean_Estimated_Glomerular_Filtration_Rate}$
 2030 $\text{medications_lifetime_dispenses} \leq \text{Body_Mass_Index} * \sqrt{\text{medications_lifetime_length}}$

2031 medications_lifetime_dispenses<=e^{Calcium/Creatinine}
 2032 medications_lifetime_dispenses<=10^{Hemoglobin_A1c_Hemoglobin_total_in_Blood}
 *lifetime_care_plans
 2033 medications_lifetime_dispenses<=Glomerular_filtration_rate_1_73_sq_M_predic
 ted²+mean_Protein_Mass_volume_in_Serum,Plasma
 2034 medications_lifetime_dispenses<=Aspartate_aminotransferase__Enzymatic_activ
 ity_volume_in_Serum,Plasma²*Carbon_Dioxide
 2035 medications_lifetime_dispenses<=10^{DALY+Microalbumin_Creatinine_Ratio}
 2036 medications_lifetime_dispenses<=Carbon_Dioxide*mean_Systolic_Blood_Pressure
 2037 medications_lifetime_dispenses<=e^{QALY/medications_lifetime_cost}
 2038
 medications_lifetime_dispenses<=2*medications_lifetime_length/active_care_plans
 2039
 medications_lifetime_dispenses<=10^{lifetime_care_plan_length/active_care_plans}
 2040 medications_lifetime_dispenses<=maximum(encounters_lifetime_total_cost,acti
 ve_condition_length²)
 2041 medications_lifetime_dispenses<=(1/encounters_lifetime_perc_covered)^{mean_M}
 icroalbumin_Creatinine_Ratio
 2042 medications_lifetime_dispenses<=1/2*encounters_lifetime_total_cost/encounte
 rs_lifetime_perc_covered
 2043 medications_lifetime_dispenses<=1/2*encounters_lifetime_payer_coverage/medi
 cations_lifetime_perc_covered
 2044 medications_lifetime_dispenses<=(1/encounters_lifetime_perc_covered)^{QALY}
 2045 medications_lifetime_dispenses<=(10^{medications_lifetime})^{Mental_health_Out}
 patient_Note
 2046
 medications_lifetime_dispenses<=2*medications_lifetime_length/mean_Creatinine
 2047 medications_lifetime_dispenses<=2*medications_lifetime_cost/device_lifetime
 _length
 2048 medications_lifetime_dispenses<=maximum(latitude,1/2*medications_lifetime_l
 ength)
 2049 medications_lifetime_dispenses<=maximum(lifetime_care_plans,1/2*medications
 _lifetime_length)
 2050 medications_lifetime_dispenses<=floor(medications_lifetime_length)/immuniza
 tions_lifetime
 2051 medications_lifetime_dispenses<=10^{DALY*Total_Cholesterol}
 2052 medications_lifetime_dispenses<=Respiratory_rate²*Urea_Nitrogen
 2053 medications_lifetime_dispenses<=Hemoglobin_A1c_Hemoglobin_total_in_Blood²*
 Total_Cholesterol
 2054
 medications_lifetime_dispenses<=(log(Body_temperature)/log(10))^{encounters_count}
 2055 medications_lifetime_dispenses>=num_allergies
 2056
 medications_lifetime_dispenses>=1/2*medications_lifetime_cost/Total_Cholesterol
 2057 medications_lifetime_dispenses>=medications_lifetime
 2058 medications_lifetime_dispenses>=minimum(device_lifetime_length,log(procedur
 es_lifetime_cost))
 2059 medications_lifetime_dispenses>=2*lifetime_conditions*medications_lifetime_

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perc_covered
2060 medications_lifetime_dispendes>=medications_active*sqrt(medications_lifetime_length)
2061 medications_lifetime_dispendes>=floor(Protein__Mass_volume__in_Serum,Plasma)-lifetime_care_plan_length
2062 medications_lifetime_dispendes>=2*medications_lifetime_length/QALY
2063
medications_lifetime_dispendes>=2*medications_lifetime_length/Respiratory_rate
2064
medications_lifetime_dispendes>=2*medications_lifetime_length/mean_Urea_Nitrogen
2065 medications_lifetime_dispendes>=Low_Density_Lipoprotein_Cholesterol*num_allergies^2
2066 medications_lifetime_dispendes>=2*immunizations_lifetime_cost*num_allergies
2067 medications_lifetime_dispendes>=-encounters_lifetime_payer_coverage+2*lifetime_care_plan_length
2068 medications_lifetime_dispendes>=1/2*medications_lifetime_length/Globulin__Mass_volume__in_Serum_by_calculation
2069 medications_lifetime_dispendes>=medications_lifetime_length^2/healthcare_expenses
2070
medications_lifetime_dispendes>=(Diastolic_Blood_Pressure-1)*medications_active
2071 medications_lifetime_dispendes>=2*encounters_count-mean_Estimated_Glomerular_Filtration_Rate
2072 medications_lifetime_dispendes>=2*lifetime_care_plan_length*num_allergies
2073 medications_lifetime_dispendes>=immunizations_lifetime_cost*log(Protein__Mass_volume__in_Serum,Plasma)
2074 medications_lifetime_dispendes>=(1/2*Pain_severity___0_10_verbal_numeric_rating__Score___Reported)^Calcium
2075 medications_lifetime_dispendes>=Globulin__Mass_volume__in_Serum_by_calculation^Creatinine
2076 medications_lifetime_dispendes>=-Total_Cholesterol+e^active_care_plans
2077 medications_lifetime_dispendes>=-Body_Height+e^medications_active
2078 medications_lifetime_dispendes>=lifetime_care_plan_length*log(medications_lifetime)/log(10)
2079 medications_lifetime_dispendes>=2*medications_lifetime-1
2080
medications_lifetime_dispendes>=1/2*medications_lifetime_length/encounters_count
2081 medications_lifetime_dispendes>=(medications_active-1)*mean_Triglycerides
2082 medications_lifetime_dispendes>=Total_Cholesterol^2/Protein__Mass_volume__in_Serum,Plasma
2083 medications_lifetime_dispendes>=1/2*Total_Cholesterol*medications_active
2084 medications_lifetime_dispendes>=1/2*medications_lifetime_length/Hemoglobin_A1c_Hemoglobin_total_in_Blood
2085 medications_lifetime_dispendes>=(Globulin__Mass_volume__in_Serum_by_calculation+1)*immunizations_lifetime_cost
2086 medications_lifetime_dispendes>=log(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)*medications_lifetime
2087

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medications_lifetime_dispenses>=(medications_active-1)*lifetime_care_plan_length
 2088 medications_lifetime_dispenses>=immunizations_lifetime_cost*num_allergies^2
 2089 medications_lifetime_dispenses>=-Respiratory_rate+e^active_care_plans
 2090 medications_lifetime_dispenses>=1/2*active_care_plans*medications_lifetime
 2091 medications_lifetime_dispenses>=(-active_care_plans)^Pain_severity__0_10_v
 erbal_numeric_rating__Score____Reported
 2092 medications_lifetime_dispenses>=Microalbumin_Creatinine_Ratio*log(procedure
 s_lifetime)
 2093 medications_lifetime_dispenses>=age*log(medications_lifetime)/log(10)
 2094 medications_lifetime_dispenses>=(-lifetime_care_plans)^Pain_severity__0_10
 _verbal_numeric_rating__Score____Reported
 2095 medications_lifetime_dispenses>=active_conditions^2-latitude
 2096 medications_lifetime_dispenses>=2*medications_lifetime_length/latitude
 2097 medications_lifetime_dispenses>=encounters_count+log(medications_active)
 2098 medications_lifetime_dispenses>=sqrt(medications_lifetime_cost)-mean_Estima
 ted_Glomerular_Filtration_Rate
 2099 medications_lifetime_dispenses>=(medications_lifetime-1)*mean_Pain_severity
 __0_10_verbal_numeric_rating__Score____Reported
 2100 medications_lifetime_dispenses>=-immunizations_lifetime_cost+log(medications
 s_lifetime_cost)
 2101 medications_lifetime_dispenses>=minimum(Systolic_Blood_Pressure,medications
 _lifetime^2)
 2102 medications_lifetime_dispenses>=active_care_plan_length*log(medications_lif
 etime)
 2103 medications_lifetime_dispenses>=immunizations_lifetime_cost*medications_lif
 etime_perc_covered^2
 2104 medications_lifetime_dispenses>=2*High_Density_Lipoprotein_Cholesterol*medi
 cations_active
 2105 medications_active<=floor(sqrt(QALY))
 2106
 medications_active<=(medications_lifetime_dispenses+1)/Diastolic_Blood_Pressure
 2107 medications_active<=encounters_count
 2108 medications_active<=medications_lifetime
 2109 medications_active<=active_care_plan_length^2/device_lifetime_length
 2110 medications_active<=floor(1/2*Aspartate_aminotransferase__Enzymatic_activit
 y_volume__in_Serum,Plasma)
 2111 medications_active<=floor(10^Creatinine)
 2112 medications_active<=10^DALY+1
 2113 medications_active<=ceil(1/2*Microalbumin_Creatinine_Ratio)
 2114 medications_active<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood-mean_Calcium
 2115 medications_active<=log(Estimated_Glomerular_Filtration_Rate)/immunizations
 _lifetime
 2116 medications_active<=2*Albumin__Mass_volume__in_Serum,Plasma
 2117 medications_active<=floor(Potassium)+procedures_lifetime_cost
 2118 medications_active<=(healthcare_expenses-1)/healthcare_coverage
 2119 medications_active<=sqrt(medications_lifetime)+active_care_plans
 2120
 medications_active<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+procedures_lifetime

2121 medications_active<=floor(Albumin_Mass_volume_in_Serum,Plasma)^Creatinine
 2122 medications_active<=active_conditions+immunizations_lifetime_cost
 2123 medications_active<=floor(age)-procedures_lifetime
 2124 medications_active<=maximum(active_care_plans,e^Creatinine)
 2125 medications_active<=10^medications_lifetime_length*active_care_plans
 2126 medications_active<=e^active_conditions/Glomerular_filtration_rate_1_73_sq_
 M_predicted
 2127 medications_active<=-medications_lifetime+medications_lifetime_length
 2128 medications_active<=Estimated_Glomerular_Filtration_Rate^2/immunizations_li
 fetime_cost
 2129 medications_active<=-medications_lifetime+medications_lifetime_dispenses
 2130
 medications_active<=log(High_Density_Lipoprotein_Cholesterol)^mean_Creatinine
 2131 medications_active<=DALY^Estimated_Glomerular_Filtration_Rate
 2132 medications_active<=Respiratory_rate/num_allergies
 2133 medications_active<=Heart_rate-active_condition_length-1
 2134 medications_active<=10^encounters_lifetime_payer_coverage+immunizations_lif
 etime_cost
 2135 medications_active<=maximum(active_care_plans,1/num_allergies)
 2136 medications_active<=10^active_conditions+1
 2137 medications_active<=Body_Mass_Index^2/lifetime_care_plan_length
 2138
 medications_active<=-Respiratory_rate+mean_Estimated_Glomerular_Filtration_Rate
 2139 medications_active<=10^active_care_plans/lifetime_care_plans
 2140 medications_active<=DALY^2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2141 medications_active<=minimum(Estimated_Glomerular_Filtration_Rate,1/2*active
 _conditions)
 2142 medications_active<=10^Potassium/medications_lifetime_dispenses
 2143 medications_active<=10^active_condition_length/procedures_lifetime_cost
 2144 medications_active<=maximum(Respiratory_rate,1/immunizations_lifetime)
 2145 medications_active<=floor(sqrt(age))
 2146 medications_active<=sqrt(healthcare_coverage)/procedures_lifetime
 2147 medications_active<=(1/longitude)^medications_lifetime_cost
 2148 medications_active<=QOLS*e^medications_lifetime_length
 2149 medications_active<=maximum(Globulin_Mass_volume_in_Serum_by_calculation,
 1/imaging_studies_lifetime)
 2150 medications_active<=(active_care_plan_length-1)^healthcare_expenses
 2151 medications_active<=(lifetime_condition_length+1)/DALY
 2152 medications_active<=2*Calcium-procedures_lifetime
 2153 medications_active<=active_care_plans*e^encounters_lifetime_total_cost
 2154 medications_active<=10^encounters_lifetime_perc_covered+DALY
 2155 medications_active<=10^DALY+QOLS
 2156 medications_active<=minimum(Estimated_Glomerular_Filtration_Rate,10^Pain_se
 verity__0_10_verbal_numeric_rating__Score____Reported)
 2157 medications_active<=Low_Density_Lipoprotein_Cholesterol-
 active_care_plan_length+1
 2158 medications_active<=DALY*floor(Potassium)
 2159 medications_active>=imaging_studies_lifetime


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2160 medications_active>=floor(e^Bilirubin_total__Mass_volume__in_Serum,Plasma)
2161 medications_active>=1/2*num_allergies
2162 medications_active>=num_allergies-1
2163 medications_active>=log(procedures_lifetime)/Bilirubin_total__Mass_volume__
in_Serum,Plasma
2164 medications_active>=log(Glomerular_filtration_rate_1_73_sq_M_predicted)/log
(10)-num_allergies
2165 medications_active>=immunizations_lifetime*num_allergies
2166 medications_active>=minimum(Pain_severity___0_10_verbal_numeric_rating__Sco
re___Reported,2*num_allergies)
2167
medications_active>=minimum(device_lifetime_length,immunizations_lifetime^2)
2168 medications_active>=(Bilirubin_total__Mass_volume__in_Serum,Plasma-1)*mean_
High_Density_Lipoprotein_Cholesterol
2169 medications_active>=sqrt(procedures_lifetime_cost)/Alanine_aminotransferase
__Enzymatic_activity_volume__in_Serum,Plasma
2170 medications_active>=1/2*Total_Cholesterol-mean_Systolic_Blood_Pressure
2171 medications_active>=10^immunizations_lifetime-
Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
2172 medications_active>=log(Calcium)/log(10)-procedures_lifetime
2173 medications_active>=Pain_severity___0_10_verbal_numeric_rating__Score___Re
ported-encounters_lifetime_payer_coverage+1
2174 medications_active>=1/2*device_lifetime_length/Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood
2175 medications_active>=-QALY+1/2*latitude
2176 medications_active>=-Pain_severity___0_10_verbal_numeric_rating__Score___R
eported+ceil(medications_lifetime_perc_covered)
2177 medications_active>=-mean_Pain_severity___0_10_verbal_numeric_rating__Score
___Reported+2*medications_lifetime_perc_covered
2178 medications_active>=sqrt(DALY)-Potassium
2179 medications_active>=log(Heart_rate)/log(10)-immunizations_lifetime_cost
2180 medications_active>=1/2*Diastolic_Blood_Pressure-
mean_High_Density_Lipoprotein_Cholesterol
2181 medications_active>=log(active_care_plans)-mean_Pain_severity___0_10_verbal
_numeric_rating__Score___Reported
2182 medications_active>=Chloride-mean_Systolic_Blood_Pressure+1
2183 medications_active>=Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma-Carbon_Dioxide
2184 medications_active>=Bilirubin_total__Mass_volume__in_Serum,Plasma/encounter
s_lifetime_perc_covered
2185 medications_active>=sqrt(Triglycerides)-mean_Respiratory_rate
2186
medications_active>=maximum(Mental_health_Outpatient_Note,-healthcare_expenses)
2187 medications_active>=active_care_plans-healthcare_coverage-1
2188 medications_active>=-active_care_plan_length+log(Triglycerides)
2189 medications_active>=(lifetime_care_plans-1)/Globulin__Mass_volume__in_Serum
_by_calculation
2190 medications_active>=active_care_plans-medications_lifetime-1

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2191 medications_active>=minimum(device_lifetime_length,log(active_care_plans))
2192 medications_active>=log(active_conditions)/log(10)-encounters_lifetime_paye
r_coverage
2193 medications_active>=log(procedures_lifetime)/log(10)-Pain_severity___0_10_v
erbal_numeric_rating__Score____Reported
2194 medications_active>=-Potassium+log(lifetime_care_plan_length)
2195 medications_active>=log(procedures_lifetime_cost)-mean_Urea_Nitrogen
2196 medications_active>=log(medications_lifetime)/log(10)-active_conditions
2197 medications_active>=(imaging_studies_lifetime-1)^Body_Weight
2198 medications_active>=(1/DALY)^Bilirubin_total__Mass_volume__in_Serum,Plasma
2199
medications_active>=log(medications_lifetime_length)/log(10)-encounters_count
2200 medications_active>=floor(QOLS)*num_allergies
2201 medications_active>=(QOLS-1)^QALY
2202 medications_active>=-Diastolic_Blood_Pressure+floor(QALY)
2203 medications_active>=-active_conditions+log(DALY)
2204 medications_active>=log(Body_Weight)/log(10)-immunizations_lifetime_cost
2205 medications_active>=log(Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported)/log(10)-immunizations_lifetime
2206 medications_active>=log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)-procedure
s_lifetime_cost
2207 procedures_lifetime<=healthcare_coverage
2208 procedures_lifetime<=1/2*encounters_lifetime_total_cost/lifetime_condition_
length
2209 procedures_lifetime<=QALY^active_conditions
2210 procedures_lifetime<=encounters_lifetime_total_cost
2211 procedures_lifetime<=procedures_lifetime_cost
2212 procedures_lifetime<=DALY+QALY
2213 procedures_lifetime<=10^medications_lifetime_perc_covered*Hemoglobin_A1c_He
moglobin_total_in_Blood
2214 procedures_lifetime<=e^Aspartate_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma/medications_lifetime_length
2215
procedures_lifetime<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)^mean_Potassium
2216 procedures_lifetime<=maximum(Triglycerides,ceil(Creatinine))
2217 procedures_lifetime<=ceil(1/num_allergies)
2218 procedures_lifetime<=floor(Potassium)^2
2219 procedures_lifetime<=ceil(10^Bilirubin_total__Mass_volume__in_Serum,Plasma)
2220 procedures_lifetime<=Pain_severity___0_10_verbal_numeric_rating__Score____R
eported/num_allergies
2221 procedures_lifetime<=medications_lifetime^2/medications_active
2222 procedures_lifetime<=Calcium*sqrt(Creatinine)
2223 procedures_lifetime<=sqrt(Body_Height)/QOLS
2224 procedures_lifetime<=medications_lifetime_length^Creatinine
2225 procedures_lifetime<=1/2*procedures_lifetime_cost/Total_Cholesterol
2226 procedures_lifetime<=healthcare_expenses^active_conditions
2227 procedures_lifetime<=2*active_condition_length/device_lifetime_length
2228 procedures_lifetime<=ceil(1/2*Microalbumin_Creatinine_Ratio)

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2229 procedures_lifetime<=floor(lifetime_condition_length)/medications_active
2230 procedures_lifetime<=active_care_plans/imaging_studies_lifetime
2231 procedures_lifetime<=maximum(medications_lifetime,1/device_lifetime_length)
2232 procedures_lifetime<=(1/medications_lifetime_perc_covered)^encounters_count
2233
procedures_lifetime<=1/2*procedures_lifetime_cost/Microalbumin_Creatinine_Ratio
2234 procedures_lifetime<=maximum(Estimated_Glomerular_Filtration_Rate,ceil(Pota
ssium))
2235 procedures_lifetime<=ceil(1/imaging_studies_lifetime)
2236 procedures_lifetime<=encounters_lifetime_perc_covered^longitudi
2237 procedures_lifetime<=10^Pain_severity__0_10_verbal_numeric_rating__Score__
__Reported+mean_Creatinine
2238 procedures_lifetime<=minimum(Estimated_Glomerular_Filtration_Rate,floor(med
ications_lifetime))
2239 procedures_lifetime<=2*procedures_lifetime_cost/medications_lifetime
2240 procedures_lifetime<=floor(1/2*Aspartate_aminotransferase__Enzymatic_activi
ty_volume__in_Serum,Plasma)
2241 procedures_lifetime<=-Glucose+ceil(Triglycerides)
2242 procedures_lifetime<=10^lifetime_care_plans+active_conditions
2243
procedures_lifetime<=sqrt(encounters_count)/medications_lifetime_perc_covered
2244 procedures_lifetime<=2*10^mean_Pain_severity__0_10_verbal_numeric_rating__
Score____Reported
2245 procedures_lifetime<=10^active_care_plan_length/immunizations_lifetime
2246 procedures_lifetime<=maximum(Heart_rate,1/immunizations_lifetime)
2247 procedures_lifetime<=minimum(Sodium,ceil(DALY))
2248 procedures_lifetime>=-device_lifetime_length
2249 procedures_lifetime>=-healthcare_coverage
2250 procedures_lifetime>=-num_allergies
2251 procedures_lifetime>=1/2*imaging_studies_lifetime
2252 procedures_lifetime>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+medications_
active
2253 procedures_lifetime>=num_allergies^Estimated_Glomerular_Filtration_Rate
2254 procedures_lifetime>=minimum(procedures_lifetime_cost,QOLS)
2255 procedures_lifetime>=sqrt(procedures_lifetime_cost)/Systolic_Blood_Pressure
2256 procedures_lifetime>=DALY-
mean_Glomerular_filtration_rate_1_73_sq_M_predicted+1
2257 procedures_lifetime>=imaging_studies_lifetime^Pain_severity__0_10_verbal_n
umeric_rating__Score____Reported
2258 procedures_lifetime>=imaging_studies_lifetime^Respiratory_rate
2259 procedures_lifetime>=minimum(num_allergies,immunizations_lifetime)
2260 procedures_lifetime>=-Body_Weight+ceil(QALY)
2261 procedures_lifetime>=minimum(encounters_lifetime_perc_covered,procedures_li
ifetime_cost)
2262 procedures_lifetime>=log(log(procedures_lifetime_cost))/log(10)
2263 procedures_lifetime>=-Diastolic_Blood_Pressure+ceil(QALY)
2264 procedures_lifetime>=Diastolic_Blood_Pressure-mean_Chloride
2265 procedures_lifetime>=-Respiratory_rate+mean_Respiratory_rate

```

```

2266 procedures_lifetime>=maximum(Erythrocytes___volume__in_Blood_by_Automated_
count,-Triglycerides)
2267 procedures_lifetime>=maximum(mean_History_of_Hospitalizations_Outpatient_vi
sits,-healthcare_expenses)
2268 procedures_lifetime>=Chloride-mean_Chloride-1
2269 procedures_lifetime>=Aspartate_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma-Carbon_Dioxide-1
2270 procedures_lifetime>=-Pain_severity___0_10_verbal_numeric_rating__Score____
Reported+2*medications_lifetime_perc_covered
2271
procedures_lifetime>=minimum(procedures_lifetime_cost,1/lifetime_conditions)
2272 procedures_lifetime>=-Calcium+log(procedures_lifetime_cost)
2273 procedures_lifetime>=minimum(procedures_lifetime_cost,ceil(encounters_lifet
ime_perc_covered))
2274
procedures_lifetime>=sqrt(procedures_lifetime_cost)/mean_Systolic_Blood_Pressure
2275 procedures_lifetime>=Potassium^2-mean_Carbon_Dioxide
2276 procedures_lifetime>=2*procedures_lifetime_cost/healthcare_expenses
2277 procedures_lifetime>=-Pain_severity___0_10_verbal_numeric_rating__Score____
Reported+floor(Creatinine)
2278 procedures_lifetime>=2*DALY-Heart_rate
2279 procedures_lifetime>=Potassium^2-Carbon_Dioxide
2280 procedures_lifetime_cost<=healthcare_coverage^2/lifetime_care_plan_length
2281 procedures_lifetime_cost<=healthcare_coverage^2
2282 procedures_lifetime_cost<=encounters_lifetime_total_cost^2
2283 procedures_lifetime_cost<=(1/2*High_Density_Lipoprotein_Cholesterol)^Hemogl
obin_A1c_Hemoglobin_total_in_Blood
2284 procedures_lifetime_cost<=2*healthcare_expenses/Glomerular_filtration_rate_
1_73_sq_M_predicted
2285 procedures_lifetime_cost<=10^active_conditions/Urea_Nitrogen
2286 procedures_lifetime_cost<=e^(10^procedures_lifetime)
2287 procedures_lifetime_cost<=(longitude^2)^lifetime_conditions
2288 procedures_lifetime_cost<=log(Microalbumin_Creatinine_Ratio)^Urea_Nitrogen
2289 procedures_lifetime_cost<=longitude^2*mean_Diastolic_Blood_Pressure
2290 procedures_lifetime_cost<=Alanine_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma^2*Carbon_Dioxide
2291 procedures_lifetime_cost<=sqrt(encounters_lifetime_total_cost)*healthcare_c
overage
2292 procedures_lifetime_cost<=sqrt(Alanine_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma)*encounters_lifetime_total_cost
2293 procedures_lifetime_cost<=1/2*Diastolic_Blood_Pressure*encounters_lifetime_
total_cost
2294 procedures_lifetime_cost<=sqrt(encounters_lifetime_total_cost)^Globulin__Ma
ss_volume__in_Serum_by_calculation
2295 procedures_lifetime_cost<=sqrt(Carbon_Dioxide)*healthcare_coverage
2296 procedures_lifetime_cost<=active_care_plan_length^Triglycerides
2297 procedures_lifetime_cost<=2*Carbon_Dioxide*medications_lifetime_cost
2298 procedures_lifetime_cost<=healthcare_expenses*lifetime_conditions

```

2299 $\text{procedures_lifetime_cost} \leq \text{ceil}(\text{Body_Mass_Index})^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}}$
 2300 $\text{procedures_lifetime_cost} \leq 10^{\text{lifetime_conditions}} * \text{healthcare_coverage}$
 2301 $\text{procedures_lifetime_cost} \leq \text{healthcare_expenses} * \text{procedures_lifetime}$
 2302 $\text{procedures_lifetime_cost} \leq \text{Diastolic_Blood_Pressure} * e^{\text{encounters_count}}$
 2303 $\text{procedures_lifetime_cost} \leq e^{\text{Estimated_Glomerular_Filtration_Rate}} / \text{medications_lifetime_dispenses}$
 2304 $\text{procedures_lifetime_cost} \leq \text{encounters_lifetime_total_cost}^2 / \text{Heart_rate}$
 2305 $\text{procedures_lifetime_cost} \leq \text{Triglycerides}^2 * \text{procedures_lifetime}$
 2306 $\text{procedures_lifetime_cost} \leq \text{sqrt}(\text{Erythrocytes_volume_in_Blood_by_Automated_count})^{\text{lifetime_condition_length}}$
 2307 $\text{procedures_lifetime_cost} \leq \text{floor}(\text{Microalbumin_Creatinine_Ratio}) * \text{medications_lifetime_cost}$
 2308 $\text{procedures_lifetime_cost} \leq (\log(\text{Estimated_Glomerular_Filtration_Rate}) / \log(10))^{\text{mean_High_Density_Lipoprotein_Cholesterol}}$
 2309 $\text{procedures_lifetime_cost} \leq \text{DALY} * \text{Low_Density_Lipoprotein_Cholesterol}^2$
 2310 $\text{procedures_lifetime_cost} \leq (e^{\text{Creatinine}})^{\text{Respiratory_rate}}$
 2311 $\text{procedures_lifetime_cost} \leq -\text{Total_Cholesterol} + e^{\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}}$
 2312 $\text{procedures_lifetime_cost} \leq e^{\text{active_condition_length}} / \text{medications_lifetime_perc_covered}$
 2313 $\text{procedures_lifetime_cost} \leq \text{healthcare_coverage}^2 / \text{Estimated_Glomerular_Filtration_Rate}$
 2314 $\text{procedures_lifetime_cost} \leq \text{Heart_rate}^2 / \text{num_allergies}$
 2315 $\text{procedures_lifetime_cost} \leq (\text{Heart_rate}^2)^{\text{lifetime_conditions}}$
 2316 $\text{procedures_lifetime_cost} \leq \text{lifetime_condition_length}^2 / \text{num_allergies}$
 2317 $\text{procedures_lifetime_cost} \leq \text{Microalbumin_Creatinine_Ratio} * e^{\text{active_conditions}}$
 2318 $\text{procedures_lifetime_cost} \leq e^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}} / \text{imaging_studies_lifetime}$
 2319 $\text{procedures_lifetime_cost} \leq 10^{\text{active_condition_length}} / \text{medications_active}$
 2320 $\text{procedures_lifetime_cost} \leq 10^{\text{encounters_count}} / \text{medications_active}$
 2321 $\text{procedures_lifetime_cost} \leq (\text{Heart_rate}^2)^{\text{procedures_lifetime}}$
 2322 $\text{procedures_lifetime_cost} \leq \text{Diastolic_Blood_Pressure}^2 / \text{num_allergies}$
 2323 $\text{procedures_lifetime_cost} \leq (\text{Diastolic_Blood_Pressure}^2)^{\text{procedures_lifetime}}$
 2324 $\text{procedures_lifetime_cost} \geq \text{imaging_studies_lifetime}$
 2325 $\text{procedures_lifetime_cost} \geq 2 * \text{latitude} * \text{procedures_lifetime}$
 2326 $\text{procedures_lifetime_cost} \geq \text{Urea_Nitrogen}^2 * \text{imaging_studies_lifetime}$
 2327 $\text{procedures_lifetime_cost} \geq \text{healthcare_coverage} * \log(\text{imaging_studies_lifetime}) / \log(10)$
 2328 $\text{procedures_lifetime_cost} \geq \text{sqrt}(\text{healthcare_coverage}) * \text{procedures_lifetime}$
 2329 $\text{procedures_lifetime_cost} \geq (\text{immunizations_lifetime_cost} + 1) * \text{procedures_lifetime}$
 2330 $\text{procedures_lifetime_cost} \geq \text{ceil}(\text{immunizations_lifetime_cost}) * \text{num_allergies}$
 2331 $\text{procedures_lifetime_cost} \geq \text{latitude} * \text{procedures_lifetime}^2$
 2332 $\text{procedures_lifetime_cost} \geq (\text{lifetime_condition_length} + 1) * \text{procedures_lifetime}$
 2333 $\text{procedures_lifetime_cost} \geq 2 * \text{lifetime_care_plan_length} * \text{procedures_lifetime}$
 2334 $\text{procedures_lifetime_cost} \geq (\text{procedures_lifetime} - 1)^{\text{mean_Potassium}}$
 2335 $\text{procedures_lifetime_cost} \geq 2 * \text{Systolic_Blood_Pressure} * \text{procedures_lifetime}$

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2336 procedures_lifetime_cost>=(Triglycerides+1)*device_lifetime_length
2337 procedures_lifetime_cost>=Systolic_Blood_Pressure*procedures_lifetime^2
2338 procedures_lifetime_cost>=(Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma+1)^Pain_severity__0_10_verbal_numeric_rating__Score____R
eported
2339 procedures_lifetime_cost>=Triglycerides*procedures_lifetime^2
2340 procedures_lifetime_cost>=2*age*procedures_lifetime
2341 procedures_lifetime_cost>=e^active_care_plans*procedures_lifetime
2342 procedures_lifetime_cost>=device_lifetime_length^2*procedures_lifetime
2343 procedures_lifetime_cost>=1/2*medications_lifetime*procedures_lifetime
2344 procedures_lifetime_cost>=(procedures_lifetime-1)^Hemoglobin_A1c_Hemoglobin
_total_in_Blood
2345 procedures_lifetime_cost>=Low_Density_Lipoprotein_Cholesterol*procedures_li
fetime^2
2346 procedures_lifetime_cost>=2*Total_Cholesterol*procedures_lifetime
2347
procedures_lifetime_cost>=2*Microalbumin_Creatinine_Ratio*procedures_lifetime
2348 procedures_lifetime_cost>=2*Sodium*procedures_lifetime
2349 procedures_lifetime_cost>=Respiratory_rate^2*procedures_lifetime
2350 procedures_lifetime_cost>=Carbon_Dioxide^2*medications_lifetime_length
2351 procedures_lifetime_cost>=Urea_Nitrogen^2*procedures_lifetime
2352 procedures_lifetime_cost>=(Bilirubin_total__Mass_volume__in_Serum,Plasma-1)
*medications_lifetime_cost
2353 procedures_lifetime_cost>=Aspartate_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma^2*procedures_lifetime
2354 QOLS<=mean_QOLS
2355 QOLS>=mean_QOLS
2356 QALY<=mean_QALY
2357 QALY>=mean_QALY
2358 DALY<=mean_DALY
2359 DALY>=imaging_studies_lifetime
2360 DALY>=mean_DALY
2361 Respiratory_rate<=healthcare_expenses
2362 Respiratory_rate<=mean_Respiratory_rate+1
2363 Respiratory_rate<=-healthcare_coverage+healthcare_expenses
2364 Respiratory_rate<=floor(Creatinine)+mean_Respiratory_rate
2365 Respiratory_rate<=floor(Estimated_Glomerular_Filtration_Rate)-1
2366 Respiratory_rate<=floor(Body_Weight)/Potassium
2367 Respiratory_rate<=-Heart_rate+Systolic_Blood_Pressure
2368 Respiratory_rate<=maximum(mean_Respiratory_rate,1/num_allergies)
2369 Respiratory_rate<=healthcare_coverage+mean_Respiratory_rate
2370 Respiratory_rate<=(High_Density_Lipoprotein_Cholesterol-1)*QOLS
2371 Respiratory_rate<=Calcium+active_conditions
2372 Respiratory_rate<=mean_Respiratory_rate/imaging_studies_lifetime
2373 Respiratory_rate<=10^QOLS*mean_Respiratory_rate
2374 Respiratory_rate<=maximum(active_condition_length,mean_Respiratory_rate)
2375
Respiratory_rate<=sqrt(mean_Calcium)^Hemoglobin_A1c_Hemoglobin_total_in_Blood

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2376 Respiratory_rate<=active_conditions+mean_Respiratory_rate
2377 Respiratory_rate<=encounters_lifetime_payer_coverage+mean_Respiratory_rate
2378 Respiratory_rate<=Pain_severity___0_10_verbal_numeric_rating__Score___Rep
rted+mean_Respiratory_rate
2379 Respiratory_rate<=(mean_Total_Cholesterol-1)/procedures_lifetime
2380 Respiratory_rate<=ceil(Potassium)^2
2381 Respiratory_rate<=maximum(mean_Respiratory_rate,e^lifetime_conditions)
2382 Respiratory_rate<=floor(mean_Respiratory_rate)+1
2383 Respiratory_rate<=ceil(latitude)-procedures_lifetime
2384 Respiratory_rate<=Body_Height-mean_Low_Density_Lipoprotein_Cholesterol+1
2385 Respiratory_rate>=longitude
2386 Respiratory_rate>=ceil(sqrt(Systolic_Blood_Pressure))
2387 Respiratory_rate>=-Pain_severity___0_10_verbal_numeric_rating__Score___Rep
orted+mean_Respiratory_rate
2388 Respiratory_rate>=minimum(device_lifetime_length,active_conditions+1)
2389 Respiratory_rate>=mean_Respiratory_rate^QOLS
2390 Respiratory_rate>=minimum(mean_Respiratory_rate,10^immunizations_lifetime)
2391 Respiratory_rate>=minimum(device_lifetime_length,mean_Respiratory_rate)
2392 Respiratory_rate>=sqrt(Triglycerides)-medications_lifetime_perc_covered
2393 Respiratory_rate>=-healthcare_expenses
2394 Respiratory_rate>=minimum(lifetime_conditions,sqrt(encounters_count))
2395 Respiratory_rate>=minimum(mean_Respiratory_rate,e^medications_active)
2396 Respiratory_rate>=-active_care_plans+mean_Respiratory_rate
2397 Respiratory_rate>=healthcare_expenses^longitude
2398 Respiratory_rate>=-active_conditions+mean_Respiratory_rate
2399 Respiratory_rate>=-Glucose+ceil(age)
2400 Respiratory_rate>=active_care_plans*num_allergies
2401 Respiratory_rate>=-active_care_plans+lifetime_conditions
2402 Respiratory_rate>=-Pain_severity___0_10_verbal_numeric_rating__Score___Rep
orted+active_conditions
2403 Respiratory_rate>=minimum(DALY,floor(mean_Respiratory_rate))
2404 Respiratory_rate>=immunizations_lifetime^2*mean_Creatinine
2405 Respiratory_rate>=minimum(procedures_lifetime,mean_Respiratory_rate)
2406 Respiratory_rate>=2*medications_active-1
2407 Respiratory_rate>=lifetime_care_plans+mean_Pain_severity___0_10_verbal_nume
ric_rating__Score___Reported
2408 Respiratory_rate>=ceil(sqrt(Low_Density_Lipoprotein_Cholesterol))
2409 Respiratory_rate>=-encounters_lifetime_payer_coverage+mean_Respiratory_rate
2410 Respiratory_rate>=-immunizations_lifetime_cost+mean_Respiratory_rate
2411 Respiratory_rate>=mean_Respiratory_rate^encounters_lifetime_perc_covered
2412 Respiratory_rate>=mean_Respiratory_rate-procedures_lifetime
2413 Respiratory_rate>=-healthcare_coverage+mean_Respiratory_rate
2414 Respiratory_rate>=minimum(mean_Respiratory_rate,-Triglycerides)
2415 Respiratory_rate>=1/2*Carbon_Dioxide-1
2416 Respiratory_rate>=(10^healthcare_expenses)^longitude
2417 Respiratory_rate>=Glucose-mean_Glucose-1
2418 Respiratory_rate>=ceil(mean_Respiratory_rate)-immunizations_lifetime_cost
2419 Respiratory_rate>=active_conditions-immunizations_lifetime_cost-1

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2420 Heart_rate<=healthcare_expenses
 2421 Heart_rate<=Body_Weight+mean_Estimated_Glomerular_Filtration_Rate-1
 2422 Heart_rate<=lifetime_conditions+mean_Heart_rate
 2423 Heart_rate<=maximum(medications_lifetime,mean_Heart_rate)
 2424 Heart_rate<=-Respiratory_rate+Systolic_Blood_Pressure
 2425 Heart_rate<=mean_Heart_rate+procedures_lifetime_cost
 2426 Heart_rate<=-healthcare_coverage+healthcare_expenses
 2427 Heart_rate<=mean_Heart_rate/imaging_studies_lifetime
 2428 Heart_rate<=Triglycerides^2/Low_Density_Lipoprotein_Cholesterol
 2429 Heart_rate<=active_care_plan_length+mean_Heart_rate
 2430 Heart_rate<=mean_Systolic_Blood_Pressure^2/mean_Low_Density_Lipoprotein_Cholesterol
 2431 Heart_rate<=Diastolic_Blood_Pressure/encounters_lifetime_perc_covered
 2432 Heart_rate<=maximum(lifetime_condition_length,mean_Heart_rate)
 2433 Heart_rate<=Body_Weight+medications_lifetime_cost-1
 2434 Heart_rate<=10^medications_lifetime+Glucose
 2435 Heart_rate<=mean_Heart_rate/QOLS
 2436 Heart_rate<=floor(mean_Heart_rate)+mean_Respiratory_rate
 2437 Heart_rate<=maximum(mean_Heart_rate,ceil(Glucose))
 2438 Heart_rate<=10^Creatinine+mean_Estimated_Glomerular_Filtration_Rate
 2439 Heart_rate<=maximum(Low_Density_Lipoprotein_Cholesterol,mean_Heart_rate)
 2440 Heart_rate<=healthcare_coverage+mean_Heart_rate
 2441 Heart_rate<=active_care_plans^2*mean_Estimated_Glomerular_Filtration_Rate
 2442 Heart_rate<=active_conditions^2+mean_Estimated_Glomerular_Filtration_Rate
 2443 Heart_rate<=(medications_lifetime_perc_covered+1)*mean_Heart_rate
 2444 Heart_rate<=maximum(mean_Heart_rate,1/2*medications_lifetime)
 2445 Heart_rate<=e^procedures_lifetime+mean_Heart_rate
 2446 Heart_rate<=2*mean_Heart_rate/immunizations_lifetime
 2447 Heart_rate>=latitude
 2448 Heart_rate>=ceil(mean_Low_Density_Lipoprotein_Cholesterol)-mean_Heart_rate
 2449 Heart_rate>=-healthcare_expenses
 2450 Heart_rate>=minimum(mean_Heart_rate,1/Pain_severity__0_10_verbal_numeric_rating__Score___Reported)
 2451 Heart_rate>=device_lifetime_length+floor(latitude)
 2452 Heart_rate>=-encounters_lifetime_payer_coverage+mean_Heart_rate
 2453 Heart_rate>=Body_Weight*log(immunizations_lifetime)
 2454 Heart_rate>=QALY-1
 2455 Heart_rate>=(Creatinine-1)*Urea_Nitrogen
 2456 Heart_rate>=healthcare_expenses^longitude
 2457 Heart_rate>=mean_Heart_rate^imaging_studies_lifetime
 2458 Heart_rate>=-Body_Weight+Sodium-1
 2459 Heart_rate>=active_condition_length*log(Creatinine)
 2460 Heart_rate>=ceil(Body_Height)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2461 Heart_rate>=minimum(mean_Heart_rate,10^num_allergies)
 2462 Heart_rate>=Calcium*active_care_plans
 2463 Heart_rate>=Carbon_Dioxide*log(medications_lifetime)/log(10)
 2464 Heart_rate>=High_Density_Lipoprotein_Cholesterol-lifetime_care_plans
 2465 Heart_rate>=(1/2*Pain_severity__0_10_verbal_numeric_rating__Score___Reported)


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ted)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
2466 Heart_rate>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported*active_conditions
2467 Heart_rate>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Heart_rate)
2468 Heart_rate>=DALY^2/encounters_count
2469 Heart_rate>=QALY*log(Urea_Nitrogen)/log(10)
2470 Heart_rate>=minimum(mean_Heart_rate,e^mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
2471 Heart_rate>=-Respiratory_rate+1/2*Systolic_Blood_Pressure
2472 Heart_rate>=Diastolic_Blood_Pressure-active_condition_length
2473 Heart_rate>=High_Density_Lipoprotein_Cholesterol-medications_lifetime
2474 Heart_rate>=mean_Calcium+2*mean_Carbon_Dioxide
2475 Heart_rate>=Diastolic_Blood_Pressure^encounters_lifetime_perc_covered
2476 Heart_rate>=-active_care_plans+floor(High_Density_Lipoprotein_Cholesterol)
2477 Heart_rate>=sqrt(healthcare_coverage)/mean_Potassium
2478 Heart_rate>=-healthcare_coverage+mean_Heart_rate
2479 Heart_rate>=Triglycerides*encounters_lifetime_perc_covered^2
2480 Heart_rate>=1/2*encounters_count-lifetime_care_plan_length
2481 Heart_rate>=1/2*QOLS*Sodium
2482 Heart_rate>=minimum(active_care_plan_length,mean_Heart_rate)
2483 Heart_rate>=-active_condition_length+mean_Heart_rate
2484 Heart_rate>=-encounters_count+mean_Heart_rate+1
2485 Heart_rate>=floor(mean_High_Density_Lipoprotein_Cholesterol)-immunizations_lifetime_cost
2486 Heart_rate>=minimum(latitude,10^healthcare_expenses)
2487 Heart_rate>=1/2*QOLS*mean_Triglycerides
2488 Heart_rate>=(procedures_lifetime^2)^QOLS
2489 Systolic_Blood_Pressure<=healthcare_expenses
2490
Systolic_Blood_Pressure<=active_care_plan_length+mean_Systolic_Blood_Pressure
2491 Systolic_Blood_Pressure<=-DALY+Total_Cholesterol-1
2492 Systolic_Blood_Pressure<=maximum(lifetime_condition_length,mean_Systolic_Blood_Pressure)
2493 Systolic_Blood_Pressure<=floor(DALY)+mean_Systolic_Blood_Pressure
2494
Systolic_Blood_Pressure<=maximum(Total_Cholesterol,mean_Systolic_Blood_Pressure)
2495
Systolic_Blood_Pressure<=active_condition_length+mean_Systolic_Blood_Pressure
2496 Systolic_Blood_Pressure<=minimum(Total_Cholesterol,e^Erythrocytes____volume__in_Blood_by_Automated_count)
2497 Systolic_Blood_Pressure<=-healthcare_coverage+healthcare_expenses
2498 Systolic_Blood_Pressure<=healthcare_coverage+mean_Systolic_Blood_Pressure
2499 Systolic_Blood_Pressure<=Glucose*sqrt(medications_lifetime_length)
2500 Systolic_Blood_Pressure<=maximum(medications_lifetime_dispenses,mean_Systolic_Blood_Pressure)
2501
Systolic_Blood_Pressure<=mean_Systolic_Blood_Pressure+procedures_lifetime_cost
2502 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,mean_Triglyce

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rides)

2503 $\text{Systolic_Blood_Pressure} \leq \text{maximum}(\text{Body_Height}, \text{mean_Systolic_Blood_Pressure})$

2504

$\text{Systolic_Blood_Pressure} \leq \sqrt{\text{medications_lifetime}} + \text{mean_Systolic_Blood_Pressure}$

2505 $\text{Systolic_Blood_Pressure} \leq \text{Urea_Nitrogen}^2 + \text{mean_Glucose}$

2506 $\text{Systolic_Blood_Pressure} \leq \text{Estimated_Glomerular_Filtration_Rate} * \sqrt{\text{age}}$

2507 $\text{Systolic_Blood_Pressure} \leq 2 * \text{mean_Estimated_Glomerular_Filtration_Rate} + \text{medications_lifetime}$

2508 $\text{Systolic_Blood_Pressure} \leq \text{maximum}(\text{mean_Systolic_Blood_Pressure}, \text{DALY}^2)$

2509 $\text{Systolic_Blood_Pressure} \leq \text{Estimated_Glomerular_Filtration_Rate}^2 - \text{mean_Low_Density_Lipoprotein_Cholesterol}$

2510 $\text{Systolic_Blood_Pressure} \leq 10^{\text{medications_active}} + \text{mean_Systolic_Blood_Pressure}$

2511 $\text{Systolic_Blood_Pressure} \leq \text{Low_Density_Lipoprotein_Cholesterol} + \text{mean_Microalbumin_Creatinine_Ratio} + 1$

2512 $\text{Systolic_Blood_Pressure} \leq 2 * \text{High_Density_Lipoprotein_Cholesterol} / \text{medications_lifetime_perc_covered}$

2513 $\text{Systolic_Blood_Pressure} \leq \text{maximum}(\text{Sodium}, \text{Microalbumin_Creatinine_Ratio} - 1)$

2514 $\text{Systolic_Blood_Pressure} \leq 2 * \text{Total_Cholesterol} - \text{immunizations_lifetime_cost}$

2515 $\text{Systolic_Blood_Pressure} \leq \text{active_care_plan_length} + \text{floor}(\text{mean_Systolic_Blood_Pressure})$

2516 $\text{Systolic_Blood_Pressure} \geq \text{latitude}$

2517 $\text{Systolic_Blood_Pressure} \geq \text{ceil}(\text{mean_Glucose} + 1)$

2518 $\text{Systolic_Blood_Pressure} \geq \text{Heart_rate} + \text{Respiratory_rate}$

2519

$\text{Systolic_Blood_Pressure} \geq -\text{active_condition_length} + \text{mean_Systolic_Blood_Pressure}$

2520

$\text{Systolic_Blood_Pressure} \geq \text{mean_Systolic_Blood_Pressure}^{\text{imaging_studies_lifetime}}$

2521 $\text{Systolic_Blood_Pressure} \geq 10^{\text{immunizations_lifetime}} + \text{active_care_plans}$

2522 $\text{Systolic_Blood_Pressure} \geq -\text{healthcare_expenses}$

2523 $\text{Systolic_Blood_Pressure} \geq \text{Urea_Nitrogen} * \log(\text{medications_lifetime})$

2524 $\text{Systolic_Blood_Pressure} \geq \text{minimum}(\text{lifetime_care_plan_length}, \text{mean_Systolic_Blood_Pressure})$

2525 $\text{Systolic_Blood_Pressure} \geq -\text{encounters_count} + \text{mean_Systolic_Blood_Pressure}$

2526 $\text{Systolic_Blood_Pressure} \geq -\text{encounters_lifetime_payer_coverage} + \text{mean_Systolic_Blood_Pressure}$

2527 $\text{Systolic_Blood_Pressure} \geq \sqrt{\text{medications_lifetime_dispenses}} - \text{longitude}$

2528 $\text{Systolic_Blood_Pressure} \geq \text{mean_Systolic_Blood_Pressure}^{\text{encounters_lifetime_perc_covered}}$

2529 $\text{Systolic_Blood_Pressure} \geq \text{minimum}(\text{mean_Systolic_Blood_Pressure}, \text{procedures_lifetime}^2)$

2530 $\text{Systolic_Blood_Pressure} \geq \text{healthcare_expenses}^{\text{longitude}}$

2531 $\text{Systolic_Blood_Pressure} \geq -\text{mean_Carbon_Dioxide} + \text{mean_Systolic_Blood_Pressure}$

2532 $\text{Systolic_Blood_Pressure} \geq -\text{mean_Estimated_Glomerular_Filtration_Rate} + \text{mean_Systolic_Blood_Pressure}$

2533 $\text{Systolic_Blood_Pressure} \geq (\text{procedures_lifetime}^2)^{\text{Specific_gravity_of_Urine_by_Test_strip}}$

2534 $\text{Systolic_Blood_Pressure} \geq 1/4 * \text{lifetime_condition_length}$

2535 $\text{Systolic_Blood_Pressure} \geq 1/2 * \text{Diastolic_Blood_Pressure} + \text{QALY}$

2536 Systolic_Blood_Pressure>=Carbon_Dioxide*log(High_Density_Lipoprotein_Cholesterol)
 2537 Systolic_Blood_Pressure>=(mean_Calcium-1)*procedures_lifetime
 2538 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,sqrt(procedures_lifetime_cost))
 2539 Systolic_Blood_Pressure>=sqrt(QALY)*active_conditions
 2540 Systolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
 2541 Systolic_Blood_Pressure>=(mean_Carbon_Dioxide-1)*mean_Creatinine
 2542 Systolic_Blood_Pressure>=ceil(Low_Density_Lipoprotein_Cholesterol)/medications_lifetime
 2543 Systolic_Blood_Pressure>=floor(Body_Height)-mean_Diastolic_Blood_Pressure
 2544 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,10^num_allergies)
 2545 Systolic_Blood_Pressure>=-QALY+floor(Low_Density_Lipoprotein_Cholesterol)
 2546 Systolic_Blood_Pressure>=Chloride-DALY
 2547 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,lifetime_care_plan_length+1)
 2548 Systolic_Blood_Pressure>=-healthcare_coverage+mean_Systolic_Blood_Pressure
 2549 Systolic_Blood_Pressure>=latitude*log(active_conditions)
 2550 Systolic_Blood_Pressure>=Low_Density_Lipoprotein_Cholesterol-mean_High_Density_Lipoprotein_Cholesterol-1
 2551 Systolic_Blood_Pressure>=sqrt(encounters_lifetime_perc_covered)*mean_Systolic_Blood_Pressure
 2552 Systolic_Blood_Pressure>=longitude+2*mean_Diastolic_Blood_Pressure
 2553 Systolic_Blood_Pressure>=Body_Weight^2/Low_Density_Lipoprotein_Cholesterol
 2554 Systolic_Blood_Pressure>=2*High_Density_Lipoprotein_Cholesterol-active_condition_length
 2555 Diastolic_Blood_Pressure<=healthcare_expenses
 2556 Diastolic_Blood_Pressure<=10^medications_active+mean_Glucose
 2557 Diastolic_Blood_Pressure<=maximum(medications_lifetime,mean_Diastolic_Blood_Pressure)
 2558 Diastolic_Blood_Pressure<=active_care_plan_length+mean_Diastolic_Blood_Pressure
 2559 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,lifetime_conditions^2)
 2560 Diastolic_Blood_Pressure<=floor(Chloride)
 2561 Diastolic_Blood_Pressure<=-healthcare_coverage+healthcare_expenses
 2562 Diastolic_Blood_Pressure<=healthcare_coverage+mean_Diastolic_Blood_Pressure
 2563 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure/imaging_studies_lifetime
 2564 Diastolic_Blood_Pressure<=maximum(lifetime_condition_length,mean_Diastolic_Blood_Pressure)
 2565 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure+procedures_lifetime_cost
 2566 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure/QOLS
 2567 Diastolic_Blood_Pressure<=Heart_rate+active_condition_length
 2568 Diastolic_Blood_Pressure<=Heart_rate/encounters_lifetime_perc_covered
 2569 Diastolic_Blood_Pressure<=minimum(healthcare_expenses,2*mean_Erythrocyte_di

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distribution_width__Entitic_volume__by_Automated_count)
2570 Diastolic_Blood_Pressure<=(mean_Potassium+1)*Estimated_Glomerular_Filtratio
n_Rate
2571 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,e^DALY)
2572 Diastolic_Blood_Pressure<=-Sodium+2*Triglycerides
2573 Diastolic_Blood_Pressure<=floor(Calcium)*mean_Urea_Nitrogen
2574 Diastolic_Blood_Pressure<=maximum(mean_Microalbumin_Creatinine_Ratio,floor(
mean_Diastolic_Blood_Pressure))
2575 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,10^active_c
are_plans)
2576
Diastolic_Blood_Pressure<=High_Density_Lipoprotein_Cholesterol*log(mean_Calcium)
2577 Diastolic_Blood_Pressure<=Glucose+medications_lifetime_length
2578 Diastolic_Blood_Pressure<=active_care_plans^2*mean_Estimated_Glomerular_Fil
tration_Rate
2579 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,2*lifetime_
care_plan_length)
2580 Diastolic_Blood_Pressure<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*mean
_High_Density_Lipoprotein_Cholesterol
2581 Diastolic_Blood_Pressure<=maximum(medications_lifetime,floor(mean_Diastolic
_Blood_Pressure))
2582 Diastolic_Blood_Pressure>=latitude
2583 Diastolic_Blood_Pressure>=-Triglycerides+ceil(lifetime_care_plan_length)
2584 Diastolic_Blood_Pressure>=-healthcare_expenses
2585 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure^2/Chloride
2586 Diastolic_Blood_Pressure>=Respiratory_rate*log(mean_Microalbumin_Creatinine
_Ratio)
2587 Diastolic_Blood_Pressure>=Calcium+2*DALY
2588 Diastolic_Blood_Pressure>=floor(active_care_plan_length)
2589 Diastolic_Blood_Pressure>=1/2*e^Potassium
2590 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,mean_Hemogl
obin_A1c_Hemoglobin_total_in_Blood)
2591 Diastolic_Blood_Pressure>=1/2*encounters_count-lifetime_care_plan_length
2592 Diastolic_Blood_Pressure>=healthcare_expenses^longitude
2593
Diastolic_Blood_Pressure>=-active_care_plan_length+mean_Diastolic_Blood_Pressure
2594 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure-
procedures_lifetime_cost
2595 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure^QOLS
2596 Diastolic_Blood_Pressure>=High_Density_Lipoprotein_Cholesterol-
lifetime_conditions-1
2597 Diastolic_Blood_Pressure>=-Body_Weight+Systolic_Blood_Pressure-1
2598 Diastolic_Blood_Pressure>=-Sodium+mean_Microalbumin_Creatinine_Ratio+1
2599 Diastolic_Blood_Pressure>=minimum(Microalbumin_Creatinine_Ratio,floor(age))
2600
Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure^imaging_studies_lifetime
2601
Diastolic_Blood_Pressure>=-active_condition_length+mean_Diastolic_Blood_Pressure

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2602 Diastolic_Blood_Pressure>=active_care_plans*log(healthcare_expenses)
 2603 Diastolic_Blood_Pressure>=minimum(QALY,mean_Diastolic_Blood_Pressure)
 2604 Diastolic_Blood_Pressure>=Glucose*log(Creatinine)/log(10)
 2605 Diastolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
 2606 Diastolic_Blood_Pressure>=sqrt(healthcare_coverage)/mean_Potassium
 2607 Diastolic_Blood_Pressure>=1/2*Calcium*active_conditions
 2608 Diastolic_Blood_Pressure>=ceil(Body_Height)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2609 Diastolic_Blood_Pressure>=-encounters_lifetime_payer_coverage+mean_Diastolic_Blood_Pressure
 2610
 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,-Triglycerides)
 2611 Diastolic_Blood_Pressure>=Heart_rate^encounters_lifetime_perc_covered
 2612
 Diastolic_Blood_Pressure>=-healthcare_coverage+mean_Diastolic_Blood_Pressure
 2613 Body_Mass_Index<=healthcare_expenses
 2614 Body_Mass_Index<=ceil(mean_Body_Mass_Index)
 2615 Body_Mass_Index<=-healthcare_coverage+healthcare_expenses
 2616 Body_Mass_Index<=1/Microalbumin_Creatinine_Ratio+mean_Body_Mass_Index
 2617 Body_Mass_Index<=active_care_plans+mean_Body_Mass_Index
 2618 Body_Mass_Index<=maximum(mean_Body_Mass_Index,10^active_care_plans)
 2619 Body_Mass_Index<=maximum(active_condition_length,mean_Body_Mass_Index)
 2620 Body_Mass_Index<=maximum(age,mean_Body_Mass_Index)
 2621 Body_Mass_Index<=healthcare_coverage+mean_Body_Mass_Index
 2622 Body_Mass_Index<=maximum(lifetime_care_plan_length,mean_Body_Mass_Index)
 2623 Body_Mass_Index<=maximum(encounters_count,mean_Body_Mass_Index)
 2624 Body_Mass_Index<=Estimated_Glomerular_Filtration_Rate+lifetime_conditions+1
 2625 Body_Mass_Index<=mean_Body_Mass_Index+medications_lifetime_perc_covered
 2626 Body_Mass_Index<=mean_Body_Mass_Index+medications_active
 2627 Body_Mass_Index<=mean_Body_Mass_Index+procedures_lifetime
 2628 Body_Mass_Index<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+mean_Body_Mass_Index
 2629 Body_Mass_Index<=maximum(Triglycerides,mean_Body_Mass_Index)
 2630 Body_Mass_Index<=maximum(mean_Body_Mass_Index,DALY^2)
 2631 Body_Mass_Index<=1/device_lifetime_length+mean_Body_Mass_Index
 2632 Body_Mass_Index<=maximum(mean_Body_Mass_Index,e^active_care_plans)
 2633 Body_Mass_Index<=maximum(mean_Body_Mass_Index,sqrt(medications_lifetime_dis_penses))
 2634 Body_Mass_Index<=QOLS^2+mean_Body_Mass_Index
 2635 Body_Mass_Index>=longitude
 2636 Body_Mass_Index>=floor(mean_Body_Mass_Index)
 2637 Body_Mass_Index>=healthcare_expenses^longitude
 2638 Body_Mass_Index>=minimum(Carbon_Dioxide,mean_Body_Mass_Index)
 2639 Body_Mass_Index>=mean_Body_Mass_Index-medications_lifetime_perc_covered
 2640 Body_Mass_Index>=mean_Body_Mass_Index-procedures_lifetime
 2641 Body_Mass_Index>=-healthcare_expenses
 2642 Body_Mass_Index>=minimum(device_lifetime_length,1/2*QALY)
 2643 Body_Mass_Index>=-active_care_plans+mean_Body_Mass_Index

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2644 Body_Mass_Index>=mean_Body_Mass_Index^QOLS
2645 Body_Mass_Index>=minimum(mean_Body_Mass_Index,mean_Estimated_Glomerular_Fil
tration_Rate)
2646 Body_Mass_Index>=-active_conditions+mean_Body_Mass_Index
2647 Body_Mass_Index>=(log(Diastolic_Blood_Pressure)/log(10))^mean_Creatinine
2648 Body_Mass_Index>=minimum(DALY,mean_Body_Mass_Index)
2649 Body_Mass_Index>=minimum(Carbon_Dioxide,Microalbumin_Creatinine_Ratio)
2650 Body_Mass_Index>=-healthcare_coverage+mean_Body_Mass_Index
2651 Body_Mass_Index>=-encounters_lifetime_payer_coverage+mean_Body_Mass_Index
2652 Body_Mass_Index>=mean_Body_Mass_Index^encounters_lifetime_perc_covered
2653 Body_Mass_Index>=minimum(mean_Body_Mass_Index,mean_Erythrocytes___volume__
in_Blood_by_Automated_count)
2654 Body_Mass_Index>=mean_Body_Mass_Index^imaging_studies_lifetime
2655 Body_Mass_Index>=-Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted+mean_Body_Mass_Index
2656 Body_Mass_Index>=minimum(mean_Body_Mass_Index,mean_Calcium)
2657 Body_Mass_Index>=(10^healthcare_expenses)^longitude
2658 Body_Mass_Index>=log(Pain_severity___0_10_verbal_numeric_rating__Score____R
eported)*mean_Estimated_Glomerular_Filtration_Rate/log(10)
2659 Body_Weight<=healthcare_expenses
2660 Body_Weight<=ceil(mean_Body_Weight)
2661 Body_Weight<=-healthcare_coverage+healthcare_expenses
2662 Body_Weight<=mean_Body_Weight-medications_lifetime_perc_covered+1
2663 Body_Weight<=maximum(Low_Density_Lipoprotein_Cholesterol,mean_Body_Weight)
2664 Body_Weight<=maximum(lifetime_condition_length,mean_Body_Weight)
2665 Body_Weight<=encounters_lifetime_perc_covered^2+mean_Body_Weight
2666 Body_Weight<=healthcare_coverage+mean_Body_Weight
2667 Body_Weight<=active_care_plans+mean_Body_Weight
2668 Body_Weight<=mean_Body_Weight/imaging_studies_lifetime
2669 Body_Weight<=maximum(medications_lifetime_cost,mean_Body_Weight)
2670 Body_Weight<=mean_Body_Weight+medications_lifetime_perc_covered
2671 Body_Weight<=mean_Body_Weight+procedures_lifetime
2672 Body_Weight<=QOLS+mean_Body_Weight
2673 Body_Weight<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+
mean_Body_Weight
2674 Body_Weight<=maximum(Triglycerides,mean_Body_Weight)
2675 Body_Weight<=maximum(mean_Body_Weight,10^active_care_plans)
2676 Body_Weight<=-device_lifetime_length+floor(mean_Sodium)
2677 Body_Weight<=mean_Body_Weight+1/2*medications_lifetime_perc_covered
2678 Body_Weight<=maximum(mean_Body_Weight,10^procedures_lifetime)
2679 Body_Weight<=(Carbon_Dioxide+1)*mean_Potassium
2680 Body_Weight>=latitude
2681 Body_Weight>=mean_Body_Weight
2682 Body_Weight>=-healthcare_expenses
2683 Body_Weight>=healthcare_expenses^longitude
2684 Body_Weight>=minimum(latitude,10^healthcare_expenses)
2685 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=healthcare_e
xpenses

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2686 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^QOLS+active_care_plans
 2687 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_plans+immunizations_lifetime_cost
 2688 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=encounters_count^2
 2689 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_conditions+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2690 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medications_lifetime_perc_covered/imaging_studies_lifetime
 2691 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2692 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-healthcare_coverage+healthcare_expenses
 2693 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(log(High_Density_Lipoprotein_Cholesterol))
 2694 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(10^Creatinine)
 2695
 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Potassium)
 2696 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 2697 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(active_care_plans,Creatinine)
 2698 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^QOLS*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2699 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^healthcare_coverage+1
 2700 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+Urea_Nitrogen
 2701 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported,1/num_allergies)
 2702 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(life_time_conditions,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 2703 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(immunizations_lifetime_cost-1)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2704 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+medications_active
 2705 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=encounters_count/encounters_lifetime_perc_covered
 2706 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_plans+encounters_lifetime_payer_coverage
 2707 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medications_lifetime/num_allergies
 2708 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medications_lifetime_dispenses/Creatinine
 2709 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Creati

nine)+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2710 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Systolic_Blo
 od_Pressure-mean_Glucose-1
 2711 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported^healthcare_expenses
 2712 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^log(mean_
 Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 2713 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(heal
 thcare_expenses,Mental_health_Outpatient_Note)
 2714 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=sqrt(lifetim
 e_care_plan_length-1)
 2715 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(mean_Pa
 in_severity___0_10_verbal_numeric_rating__Score____Reported^2)
 2716 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(Esti
 mated_Glomerular_Filtration_Rate,sqrt(active_conditions))
 2717 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(mean
 _Pain_severity___0_10_verbal_numeric_rating__Score____Reported,active_conditions
 ^2)
 2718 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-Glucose+cei
 l(Triglycerides)
 2719 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=QALY^2/medic
 ations_lifetime
 2720 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude
 2721 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-healthcare_
 expenses
 2722 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=healthcare_e
 xpenses^longitude
 2723
 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*num_allergies
 2724
 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=num_allergies-1
 2725 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(num_all
 ergies)
 2726 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported-medications_lifetime
 2727 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude^pr
 ocedures_lifetime_cost
 2728 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-encounters_
 lifetime_payer_coverage+immunizations_lifetime+1
 2729 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=num_allergie
 s^immunizations_lifetime
 2730 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_cond
 itions+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2731 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_care_
 plans-medications_lifetime
 2732 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_care
 _plans+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2733 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=lifetime_con

ditions-medications_lifetime_cost
 2734 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Respiratory_rate+active_conditions
 2735 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Body_Mass_Index+mean_Carbon_Dioxide
 2736 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Respiratory_rate+lifetime_conditions
 2737 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(log(procedures_lifetime)/log(10))
 2738 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-healthcare_coverage+immunizations_lifetime+1
 2739 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Respiratory_rate+ceil(mean_Respiratory_rate)
 2740 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(device_lifetime_length,immunizations_lifetime+1)
 2741 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(lifetime_care_plan_length)-encounters_count
 2742 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(log(mean_Creatinine))
 2743 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(imaging_studies_lifetime-1)^active_care_plans
 2744 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Diastolic_Blood_Pressure+ceil(QALY)
 2745 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(10^healthcare_expenses)^longitude
 2746 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=10^medications_lifetime_perc_covered-Potassium
 2747 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-mean_Low_Density_Lipoprotein_Cholesterol+1/2*mean_Microalbumin_Creatinine_Ratio
 2748 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_care_plans+floor(Creatinine)
 2749 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Respiratory_rate)
 2750 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=2*active_care_plan_length-mean_Triglycerides
 2751 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Systolic_Blood_Pressure+ceil(Chloride)
 2752 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Sodium-mean_Heart_rate
 2753 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(QOLS)*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2754 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-encounters_count+log(medications_lifetime_length)
 2755 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Body_Weight+QALY+1
 2756 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Low_Density_Lipoprotein_Cholesterol-mean_Heart_rate

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2757 Pain_severity__0_10_verbal_numeric_rating__Score____Reported>=floor(Creati
nine)-procedures_lifetime
2758 Pain_severity__0_10_verbal_numeric_rating__Score____Reported>=(1/2*Total_s
core__MMSE_)^procedures_lifetime
2759 Pain_severity__0_10_verbal_numeric_rating__Score____Reported>=-active_care
_plans+floor(mean_Creatinine)
2760 Body_Height<=healthcare_expenses
2761 Body_Height<=mean_Body_Height
2762 Body_Height<=-healthcare_coverage+healthcare_expenses
2763 Body_Height>=latitude
2764 Body_Height>=mean_Body_Height
2765 Body_Height>=-healthcare_expenses
2766 Body_Height>=healthcare_expenses^longitude
2767 Body_Height>=minimum(latitude,10^healthcare_expenses)
2768 Triglycerides<=healthcare_expenses
2769 Triglycerides<=mean_Triglycerides^medications_lifetime
2770 Triglycerides<=maximum(mean_Triglycerides,1/num_allergies)
2771 Triglycerides<=-Diastolic_Blood_Pressure+2*mean_Sodium
2772 Triglycerides<=10^QOLS*mean_Body_Weight
2773
Triglycerides<=2*mean_Diastolic_Blood_Pressure/medications_lifetime_perc_covered
2774 Triglycerides<=active_care_plan_length+mean_Triglycerides
2775 Triglycerides<=-healthcare_coverage+healthcare_expenses
2776 Triglycerides<=healthcare_coverage+mean_Triglycerides
2777 Triglycerides<=mean_Triglycerides+procedures_lifetime_cost
2778 Triglycerides<=encounters_lifetime_payer_coverage+mean_Triglycerides
2779 Triglycerides<=maximum(mean_Triglycerides,e^DALY)
2780
Triglycerides<=(mean_Systolic_Blood_Pressure+1)/encounters_lifetime_perc_covered
2781 Triglycerides<=e^sqrt(Body_Mass_Index)
2782 Triglycerides<=mean_Triglycerides/imaging_studies_lifetime
2783 Triglycerides<=-active_care_plan_length+2*mean_Systolic_Blood_Pressure
2784 Triglycerides<=Carbon_Dioxide+ceil(Body_Height)
2785 Triglycerides<=ceil(Creatinine)*mean_Triglycerides
2786
Triglycerides<=2*mean_Albumin__Mass_volume__in_Serum,Plasma+mean_Triglycerides
2787 Triglycerides<=10^healthcare_expenses-healthcare_coverage
2788 Triglycerides<=10^medications_active*mean_Triglycerides
2789 Triglycerides<=Carbon_Dioxide+floor(mean_Triglycerides)
2790 Triglycerides<=1/2*QALY*mean_Urea_Nitrogen
2791 Triglycerides<=Low_Density_Lipoprotein_Cholesterol+e^Potassium
2792 Triglycerides<=Body_Height+floor(Estimated_Glomerular_Filtration_Rate)
2793 Triglycerides<=1/2*Chloride*Hemoglobin_A1c_Hemoglobin_total_in_Blood
2794 Triglycerides>=latitude
2795 Triglycerides>=10^sqrt(mean_Creatinine)
2796 Triglycerides>=mean_Triglycerides-procedures_lifetime_cost
2797 Triglycerides>=Diastolic_Blood_Pressure*log(Creatinine)
2798 Triglycerides>=-Creatinine+mean_Glucose

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2799 Triglycerides>=minimum(mean_Triglycerides,1/2*Respiratory_rate)
2800 Triglycerides>=minimum(mean_Triglycerides,e^medications_active)
2801 Triglycerides>=-healthcare_expenses
2802 Triglycerides>=mean_Triglycerides^imaging_studies_lifetime
2803 Triglycerides>=minimum(mean_Triglycerides,1/2*Estimated_Glomerular_Filtrati
on_Rate)
2804 Triglycerides>=1/2*encounters_count+medications_active
2805 Triglycerides>=minimum(mean_Triglycerides,1/Pain_severity___0_10_verbal_num
eric_rating__Score___Reported)
2806 Triglycerides>=10^immunizations_lifetime+Carbon_Dioxide
2807 Triglycerides>=procedures_lifetime^2+longitude
2808 Triglycerides>=log(device_lifetime_length)/log(10)+mean_Triglycerides
2809 Triglycerides>=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma*mean_Trig
lycerides
2810 Triglycerides>=minimum(mean_Systolic_Blood_Pressure,1/medications_active)
2811 Triglycerides>=healthcare_expenses^longitude
2812 Triglycerides>=-healthcare_coverage+mean_Triglycerides
2813 Triglycerides>=minimum(mean_Triglycerides,sqrt(procedures_lifetime_cost))
2814 Triglycerides>=1/2*encounters_lifetime_payer_coverage/High_Density_Lipoprot
ein_Cholesterol
2815 Triglycerides>=minimum(latitude,10^healthcare_expenses)
2816 Triglycerides>=DALY*log(mean_Estimated_Glomerular_Filtration_Rate)
2817 Triglycerides>=mean_Triglycerides/medications_lifetime
2818 Triglycerides>=-active_care_plan_length+mean_Triglycerides
2819 Triglycerides>=minimum(Microalbumin_Creatinine_Ratio,floor(Low_Density_Lipo
protein_Cholesterol))
2820 Triglycerides>=-encounters_lifetime_payer_coverage+mean_Triglycerides
2821 Low_Density_Lipoprotein_Cholesterol<=healthcare_expenses
2822 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_C
holesterol,e^DALY)
2823 Low_Density_Lipoprotein_Cholesterol<=mean_Respiratory_rate+mean_Sodium+1
2824 Low_Density_Lipoprotein_Cholesterol<=Heart_rate*log(Urea_Nitrogen)
2825
Low_Density_Lipoprotein_Cholesterol<=mean_Total_Cholesterol^2/encounters_count
2826 Low_Density_Lipoprotein_Cholesterol<=active_care_plan_length+mean_Low_Densi
ty_Lipoprotein_Cholesterol
2827 Low_Density_Lipoprotein_Cholesterol<=maximum(lifetime_condition_length,mean
_Low_Density_Lipoprotein_Cholesterol)
2828 Low_Density_Lipoprotein_Cholesterol<=mean_Low_Density_Lipoprotein_Cholester
ol^medications_lifetime
2829 Low_Density_Lipoprotein_Cholesterol<=2*Respiratory_rate+mean_Low_Density_Li
poprotein_Cholesterol
2830 Low_Density_Lipoprotein_Cholesterol<=Estimated_Glomerular_Filtration_Rate+T
riglycerides-1
2831 Low_Density_Lipoprotein_Cholesterol<=mean_Low_Density_Lipoprotein_Cholester
ol+procedures_lifetime_cost
2832
Low_Density_Lipoprotein_Cholesterol<=-healthcare_coverage+healthcare_expenses

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2833 Low_Density_Lipoprotein_Cholesterol<=healthcare_coverage+mean_Low_Density_Lipoprotein_Cholesterol
 2834 Low_Density_Lipoprotein_Cholesterol<=2*DALY+mean_Low_Density_Lipoprotein_Cholesterol
 2835 Low_Density_Lipoprotein_Cholesterol<=maximum(Body_Height,mean_Low_Density_Lipoprotein_Cholesterol)
 2836 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_Cholesterol,mean_Triglycerides)
 2837 Low_Density_Lipoprotein_Cholesterol<=e^Respiratory_rate/medications_lifetime_dispenses
 2838 Low_Density_Lipoprotein_Cholesterol<=Glomerular_filtration_rate_1_73_sq_M_predicted*log(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 2839 Low_Density_Lipoprotein_Cholesterol<=2*Estimated_Glomerular_Filtration_Rate*Potassium
 2840 Low_Density_Lipoprotein_Cholesterol<=10^medications_active*Systolic_Blood_Pressure
 2841 Low_Density_Lipoprotein_Cholesterol<=10^healthcare_expenses-healthcare_coverage
 2842 Low_Density_Lipoprotein_Cholesterol<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Glucose
 2843 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_Cholesterol,e^Albumin__Mass_volume__in_Serum,Plasma)
 2844 Low_Density_Lipoprotein_Cholesterol<=Systolic_Blood_Pressure+mean_High_Density_Lipoprotein_Cholesterol+1
 2845 Low_Density_Lipoprotein_Cholesterol>=latitude
 2846 Low_Density_Lipoprotein_Cholesterol>=minimum(age,mean_Low_Density_Lipoprotein_Cholesterol)
 2847 Low_Density_Lipoprotein_Cholesterol>=-active_care_plan_length+mean_Low_Density_Lipoprotein_Cholesterol
 2848 Low_Density_Lipoprotein_Cholesterol>=(active_care_plans+1)*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2849 Low_Density_Lipoprotein_Cholesterol>=-encounters_lifetime_payer_coverage+mean_Low_Density_Lipoprotein_Cholesterol
 2850 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol/medications_lifetime
 2851 Low_Density_Lipoprotein_Cholesterol>=minimum(Microalbumin_Creatinine_Ratio,2*active_condition_length)
 2852 Low_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
 2853 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol^imaging_studies_lifetime
 2854
 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol-procedures_lifetime_cost
 2855 Low_Density_Lipoprotein_Cholesterol>=(mean_Chloride-1)*Bilirubin_total__Mass_volume__in_Serum,Plasma
 2856 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol^2/Body_Height
 2857 Low_Density_Lipoprotein_Cholesterol>=-mean_Microalbumin_Creatinine_Ratio+me

an_Systolic_Blood_Pressure
 2858 Low_Density_Lipoprotein_Cholesterol>=minimum(Heart_rate,mean_Low_Density_Li
 poprotein_Cholesterol)
 2859
 Low_Density_Lipoprotein_Cholesterol>=-Carbon_Dioxide+Diastolic_Blood_Pressure
 2860 Low_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
 2861 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,e^Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 2862 Low_Density_Lipoprotein_Cholesterol>=-Body_Weight+mean_Microalbumin_Creatin
 ine_Ratio+1
 2863 Low_Density_Lipoprotein_Cholesterol>=-Body_Height+floor(immunizations_lifet
 ime_cost)
 2864 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
 2865
 Low_Density_Lipoprotein_Cholesterol>=minimum(latitude,10^healthcare_expenses)
 2866 Low_Density_Lipoprotein_Cholesterol>=Body_Weight*log(device_lifetime_length
)/log(10)
 2867 Low_Density_Lipoprotein_Cholesterol>=-healthcare_coverage+mean_Low_Density_
 Lipoprotein_Cholesterol
 2868 Low_Density_Lipoprotein_Cholesterol>=2*mean_Creatinine*procedures_lifetime
 2869 Low_Density_Lipoprotein_Cholesterol>=1/2*medications_lifetime/Potassium
 2870 Low_Density_Lipoprotein_Cholesterol>=floor(mean_Creatinine)*mean_Estimated_
 Glomerular_Filtration_Rate
 2871
 Low_Density_Lipoprotein_Cholesterol>=e^mean_Creatinine*immunizations_lifetime
 2872 High_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 2873 High_Density_Lipoprotein_Cholesterol<=Heart_rate+lifetime_care_plans
 2874 High_Density_Lipoprotein_Cholesterol<=active_care_plan_length+mean_High_Den
 sity_Lipoprotein_Cholesterol
 2875 High_Density_Lipoprotein_Cholesterol<=2*Sodium-
 mean_Microalbumin_Creatinine_Ratio
 2876 High_Density_Lipoprotein_Cholesterol<=maximum(lifetime_condition_length,mea
 n_High_Density_Lipoprotein_Cholesterol)
 2877 High_Density_Lipoprotein_Cholesterol<=1/2*Glucose+mean_Microalbumin_Creatin
 ine_Ratio
 2878 High_Density_Lipoprotein_Cholesterol<=floor(age)/mean_Bilirubin_total__Mass
 _volume__in_Serum,Plasma
 2879 High_Density_Lipoprotein_Cholesterol<=floor(mean_Diastolic_Blood_Pressure)
 2880 High_Density_Lipoprotein_Cholesterol<=encounters_lifetime_payer_coverage+me
 an_High_Density_Lipoprotein_Cholesterol
 2881 High_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime,mean_Hig
 h_Density_Lipoprotein_Cholesterol)
 2882
 High_Density_Lipoprotein_Cholesterol<=-healthcare_coverage+healthcare_expenses
 2883 High_Density_Lipoprotein_Cholesterol<=mean_High_Density_Lipoprotein_Cholest
 erol/imaging_studies_lifetime
 2884 High_Density_Lipoprotein_Cholesterol<=mean_High_Density_Lipoprotein_Cholest

erol+procedures_lifetime_cost
 2885 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein_Cholesterol,10^active_care_plans)
 2886 High_Density_Lipoprotein_Cholesterol<=maximum(Heart_rate,mean_High_Density_Lipoprotein_Cholesterol)
 2887 High_Density_Lipoprotein_Cholesterol<=active_care_plans^2+mean_High_Density_Lipoprotein_Cholesterol
 2888 High_Density_Lipoprotein_Cholesterol<=Body_Height-Diastolic_Blood_Pressure+1
 2889 High_Density_Lipoprotein_Cholesterol<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+mean_High_Density_Lipoprotein_Cholesterol
 2890 High_Density_Lipoprotein_Cholesterol<=10^healthcare_expenses-healthcare_coverage
 2891 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein_Cholesterol,10^procedures_lifetime)
 2892 High_Density_Lipoprotein_Cholesterol<=sqrt(lifetime_care_plan_length)+mean_High_Density_Lipoprotein_Cholesterol
 2893 High_Density_Lipoprotein_Cholesterol<=1/device_lifetime_length+mean_High_Density_Lipoprotein_Cholesterol
 2894 High_Density_Lipoprotein_Cholesterol<=healthcare_coverage+mean_High_Density_Lipoprotein_Cholesterol
 2895 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein_Cholesterol,1/2*medications_lifetime)
 2896 High_Density_Lipoprotein_Cholesterol<=1/2*Body_Height-device_lifetime_length
 2897 High_Density_Lipoprotein_Cholesterol<=(log(mean_Respiratory_rate)/log(10))^latitude
 2898 High_Density_Lipoprotein_Cholesterol>=longitude
 2899 High_Density_Lipoprotein_Cholesterol>=Body_Height-mean_Sodium-1
 2900 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholesterol-procedures_lifetime_cost
 2901 High_Density_Lipoprotein_Cholesterol>=-DALY+mean_High_Density_Lipoprotein_Cholesterol
 2902 High_Density_Lipoprotein_Cholesterol>=2*lifetime_condition_length/Estimated_Glomerular_Filtration_Rate
 2903 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholesterol^imaging_studies_lifetime
 2904 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholesterol/medications_lifetime
 2905 High_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
 2906 High_Density_Lipoprotein_Cholesterol>=1/2*immunizations_lifetime_cost-mean_Heart_rate
 2907 High_Density_Lipoprotein_Cholesterol>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_High_Density_Lipoprotein_Cholesterol)
 2908 High_Density_Lipoprotein_Cholesterol>=encounters_count/mean_Albumin_Mass_volume_in_Serum_Plasma
 2909 High_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude

2910 High_Density_Lipoprotein_Cholesterol>=-healthcare_coverage+mean_High_Density_Lipoprotein_Cholesterol
 2911 High_Density_Lipoprotein_Cholesterol>=2*Microalbumin_Creatinine_Ratio/Urea_Nitrogen
 2912 High_Density_Lipoprotein_Cholesterol>=2*DALY-lifetime_conditions
 2913
 High_Density_Lipoprotein_Cholesterol>=2*active_conditions+mean_Respiratory_rate
 2914 High_Density_Lipoprotein_Cholesterol>=2*Potassium*mean_Creatinine
 2915 High_Density_Lipoprotein_Cholesterol>=(10^healthcare_expenses)^longitude
 2916 High_Density_Lipoprotein_Cholesterol>=active_conditions*log(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 2917
 High_Density_Lipoprotein_Cholesterol>=DALY*e^encounters_lifetime_perc_covered
 2918 High_Density_Lipoprotein_Cholesterol>=immunizations_lifetime_cost/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2919 High_Density_Lipoprotein_Cholesterol>=-encounters_lifetime_payer_coverage+mean_High_Density_Lipoprotein_Cholesterol
 2920 High_Density_Lipoprotein_Cholesterol>=-active_conditions+mean_High_Density_Lipoprotein_Cholesterol+1
 2921 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein_Cholesterol,1/2*Estimated_Glomerular_Filtration_Rate)
 2922 High_Density_Lipoprotein_Cholesterol>=-active_care_plan_length+mean_High_Density_Lipoprotein_Cholesterol
 2923 Creatinine<=healthcare_expenses
 2924 Creatinine<=mean_Creatinine+procedures_lifetime
 2925 Creatinine<=maximum(immunizations_lifetime,medications_lifetime)
 2926 Creatinine<=maximum(mean_Creatinine,procedures_lifetime^2)
 2927 Creatinine<=ceil(log(Microalbumin_Creatinine_Ratio))
 2928 Creatinine<=10^QOLS+medications_active
 2929 Creatinine<=minimum(Estimated_Glomerular_Filtration_Rate,mean_Creatinine^2)
 2930 Creatinine<=(1/imaging_studies_lifetime)
 2931 Creatinine<=encounters_lifetime_payer_coverage+mean_Creatinine
 2932 Creatinine<=mean_Creatinine/QOLS
 2933 Creatinine<=maximum(DALY,mean_Creatinine)
 2934 Creatinine<=e^Pain_severity___0_10_verbal_numeric_rating__Score___Reported+immunizations_lifetime_cost
 2935 Creatinine<=2*Urea_Nitrogen/active_care_plans
 2936 Creatinine<=-healthcare_coverage+healthcare_expenses
 2937 Creatinine<=maximum(Respiratory_rate,mean_Creatinine)
 2938 Creatinine<=maximum(Triglycerides,mean_Creatinine)
 2939 Creatinine<=-active_care_plan_length+mean_Heart_rate-1
 2940 Creatinine<=Pain_severity___0_10_verbal_numeric_rating__Score___Reported+log(Body_Mass_Index)
 2941 Creatinine<=active_care_plans*mean_Creatinine
 2942 Creatinine<=floor(log(healthcare_expenses)/log(10))
 2943 Creatinine<=maximum(Globulin__Mass_volume__in_Serum_by_calculation,mean_Creatinine+1)
 2944 Creatinine<=ceil(Carbon_Dioxide)/active_care_plans

2945 Creatinine<=10^healthcare_expenses-healthcare_coverage
 2946 Creatinine<=1/2*mean_Respiratory_rate/immunizations_lifetime
 2947 Creatinine<=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-mean_Urea_Nitrogen
 2948 Creatinine<=-Glomerular_filtration_rate_1_73_sq_M_predicted+floor(lifetime_condition_length)
 2949 Creatinine<=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported+Urea_Nitrogen-1
 2950 Creatinine<=10^mean_Creatinine/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2951 Creatinine<=healthcare_coverage+mean_Creatinine
 2952 Creatinine>=longitude
 2953 Creatinine>=minimum(mean_Creatinine,log(active_care_plans)/log(10))
 2954 Creatinine>=minimum(QOLS,2*medications_lifetime_perc_covered)
 2955 Creatinine>=(Heart_rate+1)/Systolic_Blood_Pressure
 2956 Creatinine>=-healthcare_expenses
 2957 Creatinine>=(1/active_care_plans)
 2958 Creatinine>=mean_Creatinine-procedures_lifetime_cost
 2959 Creatinine>=mean_Creatinine-mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2960 Creatinine>=(1/medications_lifetime)
 2961 Creatinine>=minimum(num_allergies,mean_Creatinine)
 2962 Creatinine>=1/2*Microalbumin_Creatinine_Ratio/mean_High_Density_Lipoprotein_Cholesterol
 2963 Creatinine>=-healthcare_coverage+mean_Creatinine
 2964 Creatinine>=healthcare_expenses^longitude
 2965 Creatinine>=minimum(mean_Creatinine,-Triglycerides)
 2966 Creatinine>=ceil(mean_Microalbumin_Creatinine_Ratio)/Microalbumin_Creatinine_Ratio
 2967 Creatinine>=-encounters_lifetime_perc_covered+mean_Creatinine-1
 2968 Creatinine>=mean_Creatinine/active_care_plans
 2969 Creatinine>=minimum(mean_Creatinine,num_allergies^2)
 2970 Creatinine>=maximum(Globulin_Mass_volume__in_Serum_by_calculation,-Estimated_Glomerular_Filtration_Rate)
 2971 Creatinine>=minimum(mean_Creatinine,log(procedures_lifetime))
 2972 Creatinine>=minimum(device_lifetime_length,mean_Creatinine)
 2973 Creatinine>=sqrt(mean_Microalbumin_Creatinine_Ratio)-mean_Urea_Nitrogen
 2974 Creatinine>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+log(High_Density_Lipoprotein_Cholesterol)
 2975 Creatinine>=-encounters_lifetime_payer_coverage+mean_Creatinine
 2976 Creatinine>=(Bilirubin_total__Mass_volume__in_Serum,Plasma^2)^mean_Calcium
 2977 Creatinine>=(10^healthcare_expenses)^longitude
 2978 Creatinine>=-Potassium+medications_active
 2979 Creatinine>=-mean_Urea_Nitrogen+procedures_lifetime-1
 2980 Creatinine>=2*device_lifetime_length-mean_Body_Weight
 2981 Creatinine>=-Albumin__Mass_volume__in_Serum,Plasma+Globulin__Mass_volume__in_Serum_by_calculation+1
 2982 Creatinine>=1/2*Glucose/mean_Estimated_Glomerular_Filtration_Rate
 2983 Creatinine>=floor(mean_Creatinine)-immunizations_lifetime_cost


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2984 Creatinine>=Potassium^2-Carbon_Dioxide
2985 Sodium<=healthcare_expenses
2986 Sodium<=healthcare_coverage+mean_Sodium
2987 Sodium<=maximum(lifetime_condition_length,mean_Sodium)
2988 Sodium<=mean_Potassium+mean_Sodium-1
2989 Sodium<=mean_Sodium+procedures_lifetime_cost
2990 Sodium<=10^QOLS+mean_Sodium
2991 Sodium<=floor(Chloride)+latitude
2992 Sodium<=mean_Sodium^active_care_plans
2993 Sodium<=maximum(Body_Height,mean_Sodium)
2994 Sodium<=Glucose+Heart_rate-1
2995 Sodium<=-healthcare_coverage+healthcare_expenses
2996 Sodium<=maximum(mean_Sodium,10^Creatinine)
2997 Sodium<=maximum(Total_Cholesterol,mean_Sodium)
2998 Sodium<=ceil(mean_Sodium)+procedures_lifetime
2999 Sodium<=log(mean_Glomerular_filtration_rate_1_73_sq_M_predicted)*mean_High_
Density_Lipoprotein_Cholesterol
3000 Sodium<=log(lifetime_care_plan_length)*medications_lifetime_cost
3001 Sodium<=maximum(mean_Sodium,e^DALY)
3002 Sodium<=10^healthcare_expenses-healthcare_coverage
3003 Sodium<=Respiratory_rate*sqrt(Triglycerides)
3004 Sodium<=mean_Total_Cholesterol^2/encounters_count
3005 Sodium<=2*Heart_rate+immunizations_lifetime_cost
3006 Sodium<=2*Body_Weight-active_care_plans
3007 Sodium<=log(Globulin_Mass_volume_in_Serum_by_calculation)+mean_Sodium
3008 Sodium<=(mean_Estimated_Glomerular_Filtration_Rate-1)*active_conditions
3009 Sodium<=ceil(Microalbumin_Creatinine_Ratio)+mean_Triglycerides
3010 Sodium>=latitude
3011 Sodium>=Body_Mass_Index+mean_Diastolic_Blood_Pressure+1
3012
Sodium>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,1/2*encounters_count)
3013 Sodium>=minimum(mean_Sodium,1/2*Triglycerides)
3014 Sodium>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Sodium+1
3015 Sodium>=minimum(mean_Sodium,2*QALY)
3016 Sodium>=-healthcare_expenses
3017 Sodium>=mean_Sodium/active_care_plans
3018 Sodium>=Body_Height-High_Density_Lipoprotein_Cholesterol+1
3019 Sodium>=minimum(Low_Density_Lipoprotein_Cholesterol,immunizations_lifetime_
cost-1)
3020 Sodium>=healthcare_expenses^longitude
3021 Sodium>=-healthcare_coverage+mean_Sodium
3022 Sodium>=lifetime_condition_length-medications_lifetime_cost+1
3023 Sodium>=-Bilirubin_total_Mass_volume_in_Serum,Plasma+mean_Sodium
3024 Sodium>=sqrt(Bilirubin_total_Mass_volume_in_Serum,Plasma)^Chloride
3025 Sodium>=mean_Sodium-procedures_lifetime_cost
3026 Sodium>=minimum(latitude,10^healthcare_expenses)
3027 Sodium>=-encounters_lifetime_payer_coverage+mean_Sodium
3028 Sodium>=mean_Sodium^QOLS

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3029 Sodium>=log(lifetime_care_plans)*mean_Sodium/log(10)
3030
Sodium>=active_care_plan_length+1/2*mean_Low_Density_Lipoprotein_Cholesterol
3031 Sodium>=minimum(encounters_count,1/2*immunizations_lifetime_cost)
3032 Sodium>=-Chloride+2*Glucose
3033 Sodium>=minimum(mean_Sodium,1/2*lifetime_care_plan_length)
3034 Sodium>=DALY*log(active_condition_length)
3035 Sodium>=(mean_Calcium-1)*active_conditions
3036 Sodium>=minimum(mean_Sodium,2*active_condition_length)
3037 Sodium>=1/2*imaging_studies_lifetime*mean_Sodium
3038 Sodium>=minimum(mean_Sodium,e^Potassium)
3039 Sodium>=minimum(encounters_count,mean_Sodium-1)
3040 Potassium<=healthcare_expenses
3041 Potassium<=mean_Potassium+procedures_lifetime
3042 Potassium<=maximum(active_conditions,mean_Potassium)
3043 Potassium<=DALY*Respiratory_rate
3044 Potassium<=e^mean_Pain_severity___0_10_verbal_numeric_rating__Score___Repo
rted+immunizations_lifetime_cost
3045 Potassium<=maximum(mean_Potassium,1/2*DALY)
3046 Potassium<=mean_Potassium/QOLS
3047 Potassium<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
3048 Potassium<=mean_Potassium^active_care_plans
3049 Potassium<=maximum(Respiratory_rate,mean_Potassium)
3050 Potassium<=maximum(DALY,mean_Potassium)
3051 Potassium<=-healthcare_coverage+healthcare_expenses
3052 Potassium<=(healthcare_expenses-1)/encounters_lifetime_total_cost
3053 Potassium<=healthcare_coverage+mean_Potassium
3054 Potassium<=maximum(Triglycerides,mean_Potassium)
3055 Potassium<=(age-1)/procedures_lifetime
3056 Potassium<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/device_lifeti
me_length)
3057 Potassium<=log(2*Diastolic_Blood_Pressure)
3058 Potassium<=1/2*sqrt(mean_Chloride)
3059 Potassium<=encounters_lifetime_payer_coverage+mean_Potassium
3060 Potassium<=10^healthcare_expenses-healthcare_coverage
3061 Potassium<=2*QOLS+mean_Potassium
3062 Potassium<=Diastolic_Blood_Pressure^2/medications_lifetime
3063 Potassium<=minimum(healthcare_expenses,pH_of_Urine_by_Test_strip-1)
3064 Potassium<=sqrt(encounters_lifetime_perc_covered)+mean_Potassium
3065 Potassium<=floor(mean_Potassium)+mean_Creatinine
3066 Potassium<=2*Urea_Nitrogen-mean_Urea_Nitrogen
3067 Potassium<=minimum(healthcare_expenses,Erythrocytes___volume__in_Blood_by_
Automated_count)
3068 Potassium<=log(Albumin__Mass_volume__in_Serum,Plasma)^active_conditions
3069 Potassium>=longitude
3070 Potassium>=mean_Potassium-procedures_lifetime
3071 Potassium>=floor(sqrt(Urea_Nitrogen))
3072 Potassium>=log(Globulin__Mass_volume__in_Serum_by_calculation)*mean_Globuli

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n_Mass_volume__in_Serum_by_calculation
3073 Potassium>=sqrt(DALY)-1
3074 Potassium>=-healthcare_expenses
3075 Potassium>=mean_Potassium^QOLS
3076 Potassium>=2*mean_Diastolic_Blood_Pressure/mean_High_Density_Lipoprotein_Ch
olesterol
3077 Potassium>=sqrt(healthcare_coverage)/mean_Heart_rate
3078 Potassium>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score____Rep
orted,mean_Potassium)
3079 Potassium>=log(Microalbumin_Creatinine_Ratio)^QOLS
3080 Potassium>=sqrt(DALY)-Bilirubin_total__Mass_volume__in_Serum,Plasma
3081 Potassium>=1/2*active_care_plans+1/2
3082
Potassium>=(medications_active-1)^Bilirubin_total__Mass_volume__in_Serum,Plasma
3083 Potassium>=Albumin__Mass_volume__in_Serum,Plasma-1
3084 Potassium>=healthcare_expenses^longitude
3085 Potassium>=mean_Potassium/active_care_plans
3086 Potassium>=Creatinine-
Pain_severity___0_10_verbal_numeric_rating__Score____Reported+1
3087 Potassium>=(encounters_count+1)/age
3088 Potassium>=(mean_Microalbumin_Creatinine_Ratio+1)/mean_High_Density_Lipopro
tein_Cholesterol
3089 Potassium>=2*Heart_rate/medications_lifetime_cost
3090 Potassium>=(10^healthcare_expenses)^longitude
3091 Potassium>=maximum(mean_Erythrocytes___volume__in_Blood_by_Automated_count
,-healthcare_expenses)
3092
Potassium>=log(healthcare_coverage)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
3093 Potassium>=-Creatinine+medications_active
3094 Potassium>=-encounters_lifetime_payer_coverage+mean_Potassium
3095
Potassium>=log(immunizations_lifetime_cost)*medications_lifetime_perc_covered
3096 Potassium>=minimum(mean_Potassium,10^imaging_studies_lifetime)
3097 Potassium>=minimum(mean_Potassium,log(active_care_plan_length))
3098 Potassium>=minimum(mean_Creatinine,1/medications_lifetime_perc_covered)
3099 Potassium>=-healthcare_coverage+mean_Potassium
3100 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=healthcare_expenses
3101 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=ceil(mean_Hemoglobin_A1c_Hemoglob
in_total_in_Blood)
3102 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood^active_care_plans
3103 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(active_conditions,mean_He
moglobin_A1c_Hemoglobin_total_in_Blood)
3104 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=-healthcare_coverage+healthcare_e
xpenses
3105 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/healthcare_expenses+mean_Hemogl
obin_A1c_Hemoglobin_total_in_Blood
3106 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Potassium,mean_Hemoglobin

```

_A1c_Hemoglobin_total_in_Blood)
 3107 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=healthcare_coverage+mean_Hemoglob
 in_A1c_Hemoglobin_total_in_Blood
 3108 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=encounters_lifetime_payer_coverag
 e+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3109 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood+medications_lifetime_perc_covered
 3110 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood+medications_active
 3111 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=-Pain_severity__0_10_verbal_nume
 ric_rating__Score___Reported+Urea_Nitrogen
 3112 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood/imaging_studies_lifetime
 3113 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(medications_lifetime,mean
 _Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3114 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood+procedures_lifetime
 3115 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,active_care_plans^2)
 3116 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(DALY,mean_Hemoglobin_A1c_
 Hemoglobin_total_in_Blood)
 3117 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Pain_severity__0_10_verbal_numer
 ic_rating__Score___Reported+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3118 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Triglycerides,mean_Hemogl
 obin_A1c_Hemoglobin_total_in_Blood)
 3119 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=10^healthcare_expenses-
 healthcare_coverage
 3120 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=floor(mean_Urea_Nitrogen)-mean_Cr
 eatinine
 3121 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,1/immunizations_lifetime)
 3122 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,log(Microalbumin_Creatinine_Ratio))
 3123 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=longitude
 3124 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=floor(mean_Hemoglobin_A1c_Hemoglo
 bin_total_in_Blood)
 3125 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*Potassium
 3126 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(active_care_plans,mean_He
 moglobin_A1c_Hemoglobin_total_in_Blood)
 3127 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=healthcare_expenses^longitude
 3128 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood^QOLS
 3129 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(lifetime_care_plans,mean_
 Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3130 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_expenses
 3131 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-encounters_lifetime_payer_covera
 ge+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3132 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_coverage+mean_Hemoglo

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bin_A1c_Hemoglobin_total_in_Blood
3133 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,1/encounters_lifetime_perc_covered)
3134 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-Pain_severity___0_10_verbal_nume
ric_rating__Score___Reported+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
3135 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-immunizations_lifetime+mean_Hemo
globin_A1c_Hemoglobin_total_in_Blood
3136 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,active_care_plans^2)
3137 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-procedures_lifetime
3138 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(procedures_lifetime,mean_
Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3139
Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(10^healthcare_expenses)^longitude
3140
Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(DALY-1)/medications_lifetime_length
3141 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood/active_care_plans
3142 Glucose<=healthcare_expenses
3143 Glucose<=maximum(lifetime_condition_length,mean_Glucose)
3144 Glucose<=mean_Glucose+procedures_lifetime_cost
3145 Glucose<=mean_Glucose/QOLS
3146 Glucose<=Calcium*floor(mean_Respiratory_rate)
3147 Glucose<=1/2*Low_Density_Lipoprotein_Cholesterol+medications_lifetime_cost
3148
Glucose<=log(medications_lifetime_cost)/log(10)+mean_Systolic_Blood_Pressure
3149 Glucose<=maximum(medications_lifetime_dispendes,mean_Glucose)
3150 Glucose<=2*mean_Creatinine*mean_Estimated_Glomerular_Filtration_Rate
3151 Glucose<=-healthcare_coverage+healthcare_expenses
3152 Glucose<=healthcare_coverage+mean_Glucose
3153 Glucose<=2*mean_Total_Cholesterol/Pain_severity___0_10_verbal_numeric_ratin
g__Score___Reported
3154 Glucose<=maximum(Body_Height,mean_Glucose)
3155 Glucose<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-mean-Triglycerides
3156 Glucose<=mean_Glucose^active_care_plans
3157 Glucose<=Respiratory_rate+mean_Glucose+1
3158 Glucose<=maximum(Triglycerides,mean_Glucose)
3159 Glucose<=maximum(mean_Glucose,1/imaging_studies_lifetime)
3160 Glucose<=1/2*Body_Height/medications_lifetime_perc_covered
3161 Glucose<=1/Globulin__Mass_volume__in_Serum_by_calculation+Chloride
3162 Glucose<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+Triglycerides-1
3163 Glucose<=maximum(mean_Glucose,e^DALY)
3164 Glucose<=10^healthcare_expenses-healthcare_coverage
3165 Glucose<=Diastolic_Blood_Pressure+High_Density_Lipoprotein_Cholesterol-1
3166 Glucose<=10^medications_active*mean_Glucose
3167 Glucose<=1/2*Estimated_Glomerular_Filtration_Rate*Respiratory_rate
3168 Glucose<=log(Albumin__Mass_volume__in_Serum,Plasma)/log(10)+mean_Glucose

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3169 Glucose<=2*mean_Carbon_Dioxide+mean_Heart_rate
3170 Glucose>=latitude
3171
Glucose>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Glucose)
3172 Glucose>=minimum(Microalbumin_Creatinine_Ratio,ceil(mean_Heart_rate))
3173 Glucose>=mean_Glucose-procedures_lifetime_cost
3174 Glucose>=-Potassium+1/2*Systolic_Blood_Pressure
3175 Glucose>=minimum(mean_Chloride,e^Creatinine)
3176 Glucose>=-healthcare_expenses
3177 Glucose>=-encounters_lifetime_payer_coverage+mean_Glucose
3178 Glucose>=(mean_Creatinine-1)*mean_Carbon_Dioxide
3179
Glucose>=Low_Density_Lipoprotein_Cholesterol*medications_lifetime_perc_covered^2
3180 Glucose>=Carbon_Dioxide+2*device_lifetime_length
3181 Glucose>=floor(Body_Height)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
3182 Glucose>=minimum(mean_Glucose,1/2*Triglycerides)
3183 Glucose>=healthcare_expenses^longitude
3184 Glucose>=mean_Glucose/active_care_plans
3185 Glucose>=mean_Glucose^QOLS
3186
Glucose>=minimum(mean_Glucose,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3187 Glucose>=mean_Microalbumin_Creatinine_Ratio-mean_Systolic_Blood_Pressure+1
3188 Glucose>=minimum(latitude,10^healthcare_expenses)
3189 Glucose>=minimum(mean_Glucose,1/2*lifetime_care_plan_length)
3190 Glucose>=active_conditions^2-Body_Height
3191
Glucose>=sqrt(encounters_lifetime_total_cost)-mean_Microalbumin_Creatinine_Ratio
3192 Glucose>=-healthcare_coverage+mean_Glucose
3193 Glucose>=minimum(mean_Glucose,sqrt(medications_lifetime_length))
3194 Glucose>=sqrt(encounters_lifetime_payer_coverage)-mean_Carbon_Dioxide
3195 Glucose>=encounters_lifetime_perc_covered^2*medications_lifetime
3196 Glucose>=2*Diastolic_Blood_Pressure-Triglycerides
3197 Glucose>=Diastolic_Blood_Pressure-medications_lifetime_length
3198 Chloride<=healthcare_expenses
3199 Chloride<=maximum(mean_Chloride,e^DALY)
3200 Chloride<=maximum(Systolic_Blood_Pressure,mean_Chloride)
3201 Chloride<=DALY+Systolic_Blood_Pressure
3202 Chloride<=-healthcare_coverage+healthcare_expenses
3203 Chloride<=log(active_care_plan_length)+mean_Chloride
3204 Chloride<=mean_Respiratory_rate^2-active_care_plan_length
3205 Chloride<=healthcare_coverage+mean_Chloride
3206 Chloride<=sqrt(Potassium)+Systolic_Blood_Pressure
3207 Chloride<=maximum(lifetime_condition_length,mean_Chloride)
3208 Chloride<=mean_Chloride+procedures_lifetime_cost
3209 Chloride<=(Low_Density_Lipoprotein_Cholesterol+1)/Bilirubin_total__Mass_vol
ume__in_Serum,Plasma
3210
Chloride<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Diastolic_Blood_Pressure

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3211 Chloride<=mean_Chloride^active_care_plans
 3212 Chloride<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Chloride-1
 3213 Chloride<=10^healthcare_expenses-healthcare_coverage
 3214 Chloride<=maximum(Triglycerides,mean_Chloride)
 3215 Chloride<=Estimated_Glomerular_Filtration_Rate*sqrt(Microalbumin_Creatinine_Ratio)
 3216 Chloride<=(Heart_rate-1)/encounters_lifetime_perc_covered
 3217 Chloride<=maximum(mean_Chloride,2*lifetime_care_plan_length)
 3218 Chloride<=Body_Weight*log(QALY)/log(10)
 3219 Chloride<=Estimated_Glomerular_Filtration_Rate+1/2*Total_Cholesterol
 3220 Chloride<=longitude^2/device_lifetime_length
 3221 Chloride<=(Albumin_Mass_volume_in_Serum,Plasma-1)*active_condition_length
 3222 Chloride>=latitude
 3223 Chloride>=mean_Chloride-procedures_lifetime_cost
 3224 Chloride>=2*Triglycerides/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3225 Chloride>=sqrt(QOLS)+mean_Diastolic_Blood_Pressure
 3226 Chloride>=minimum(mean_Chloride,mean_Estimated_Glomerular_Filtration_Rate)
 3227 Chloride>=QALY+device_lifetime_length-1
 3228 Chloride>=mean_Chloride/active_care_plans
 3229 Chloride>=mean_Diastolic_Blood_Pressure^2/Diastolic_Blood_Pressure
 3230 Chloride>=-healthcare_expenses
 3231 Chloride>=mean_Chloride^QOLS
 3232 Chloride>=sqrt(healthcare_coverage)-medications_lifetime_length
 3233 Chloride>=-encounters_lifetime_payer_coverage+mean_Chloride
 3234 Chloride>=-mean_High_Density_Lipoprotein_Cholesterol+mean_Systolic_Blood_Pressure
 3235 Chloride>=-High_Density_Lipoprotein_Cholesterol+1/2*Microalbumin_Creatinine_Ratio
 3236 Chloride>=DALY+1/2*mean_Sodium
 3237 Chloride>=minimum(mean_Chloride,mean_Diastolic_Blood_Pressure)
 3238 Chloride>=DALY+1/2*mean_Low_Density_Lipoprotein_Cholesterol
 3239 Chloride>=healthcare_expenses^longitude
 3240 Chloride>=-Bilirubin_total_Mass_volume_in_Serum,Plasma+ceil(Glucose)
 3241 Chloride>=minimum(latitude,10^healthcare_expenses)
 3242 Chloride>=-healthcare_coverage+mean_Chloride
 3243 Chloride>=1/2*Microalbumin_Creatinine_Ratio-QALY
 3244 Chloride>=Urea_Nitrogen+2*latitude
 3245 Chloride>=Body_Weight*log(procedures_lifetime)/log(10)
 3246 Chloride>=Aspartate_aminotransferase__Enzymatic_activity_volume_in_Serum,Plasma+Protein_Mass_volume_in_Serum,Plasma
 3247 Chloride>=(QALY-1)*immunizations_lifetime
 3248 Chloride>=1/2*Triglycerides+mean_Calcium
 3249 Carbon_Dioxide<=healthcare_expenses
 3250 Carbon_Dioxide<=mean_Carbon_Dioxide+procedures_lifetime_cost
 3251 Carbon_Dioxide<=ceil(Body_Mass_Index)
 3252 Carbon_Dioxide<=Alanine_aminotransferase__Enzymatic_activity_volume_in_Serum,Plasma+QOLS
 3253 Carbon_Dioxide<=mean_Carbon_Dioxide/QOLS

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3254 Carbon_Dioxide<=maximum(lifetime_care_plan_length,mean_Carbon_Dioxide)
3255 Carbon_Dioxide<=mean_Carbon_Dioxide^active_care_plans
3256 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,DALY^2)
3257 Carbon_Dioxide<=e^Respiratory_rate/medications_lifetime_length
3258 Carbon_Dioxide<=-healthcare_coverage+healthcare_expenses
3259
Carbon_Dioxide<=mean_Estimated_Glomerular_Filtration_Rate^2/procedures_lifetime
3260 Carbon_Dioxide<=maximum(Heart_rate,mean_Carbon_Dioxide)
3261 Carbon_Dioxide<=mean_Carbon_Dioxide+mean_Creatinine+1
3262 Carbon_Dioxide<=maximum(Triglycerides,mean_Carbon_Dioxide)
3263 Carbon_Dioxide<=minimum(Protein__Mass_volume__in_Serum,Plasma,ceil(mean_Est
imated_Glomerular_Filtration_Rate))
3264 Carbon_Dioxide<=healthcare_coverage+mean_Carbon_Dioxide
3265 Carbon_Dioxide<=minimum(Protein__Mass_volume__in_Serum,Plasma,mean_Microalb
umin_Creatinine_Ratio-1)
3266 Carbon_Dioxide<=-Body_Height+2*Systolic_Blood_Pressure
3267 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,floor(Estimated_Glomerular_Filt
ration_Rate))
3268 Carbon_Dioxide<=2*Heart_rate/Potassium
3269 Carbon_Dioxide<=10^healthcare_expenses-healthcare_coverage
3270 Carbon_Dioxide<=log(mean_Respiratory_rate)+mean_Carbon_Dioxide
3271
Carbon_Dioxide<=lifetime_conditions*log(Estimated_Glomerular_Filtration_Rate)
3272 Carbon_Dioxide<=longitude^2/mean_Microalbumin_Creatinine_Ratio
3273 Carbon_Dioxide<=1/2*Estimated_Glomerular_Filtration_Rate*mean_Creatinine
3274 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,Estimated_Glomerular_Filtration
_Rate-1)
3275 Carbon_Dioxide<=minimum(Protein__Mass_volume__in_Serum,Plasma,mean_Body_Mas
s_Index)
3276 Carbon_Dioxide>=longitude
3277 Carbon_Dioxide>=mean_Carbon_Dioxide-procedures_lifetime_cost
3278 Carbon_Dioxide>=Estimated_Glomerular_Filtration_Rate*medications_lifetime_p
erc_covered^2
3279 Carbon_Dioxide>=minimum(mean_Carbon_Dioxide,-Triglycerides)
3280 Carbon_Dioxide>=mean_Carbon_Dioxide^QOLS
3281 Carbon_Dioxide>=healthcare_expenses^longitude
3282 Carbon_Dioxide>=QOLS*mean_Carbon_Dioxide
3283 Carbon_Dioxide>=(-mean_Creatinine)^Pain_severity___0_10_verbal_numeric_rati
ng__Score____Reported
3284 Carbon_Dioxide>=-healthcare_expenses
3285 Carbon_Dioxide>=log(Globulin__Mass_volume__in_Serum_by_calculation)^mean_Ur
ea_Nitrogen
3286 Carbon_Dioxide>=log(lifetime_care_plans)*mean_Carbon_Dioxide/log(10)
3287 Carbon_Dioxide>=Diastolic_Blood_Pressure^encounters_lifetime_perc_covered
3288 Carbon_Dioxide>=encounters_count-medications_lifetime-1
3289 Carbon_Dioxide>=minimum(mean_Carbon_Dioxide,mean_Hemoglobin_A1c_Hemoglobin_
total_in_Blood)
3290 Carbon_Dioxide>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+2*procedures

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_lifetime
3291
Carbon_Dioxide>=(medications_lifetime_dispenses+1)/mean_Systolic_Blood_Pressure
3292 Carbon_Dioxide>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma-medications_active
3293 Carbon_Dioxide>=(10^healthcare_expenses)^longitude
3294
Carbon_Dioxide>=minimum(immunizations_lifetime_cost,sqrt(medications_lifetime))
3295 Carbon_Dioxide>=DALY-mean_Calcium-1
3296 Carbon_Dioxide>=-encounters_lifetime_payer_coverage+mean_Carbon_Dioxide
3297 Carbon_Dioxide>=1/2*procedures_lifetime_cost/medications_lifetime_cost
3298 Carbon_Dioxide>=e^QOLS*procedures_lifetime
3299 Carbon_Dioxide>=DALY-active_conditions
3300 Carbon_Dioxide>=Pain_severity___0_10_verbal_numeric_rating__Score____Report
ed*lifetime_care_plans
3301 Carbon_Dioxide>=-healthcare_coverage+mean_Carbon_Dioxide
3302 Carbon_Dioxide>=mean_Carbon_Dioxide/active_care_plans
3303 Carbon_Dioxide>=Diastolic_Blood_Pressure-
Low_Density_Lipoprotein_Cholesterol
3304 Carbon_Dioxide>=Estimated_Glomerular_Filtration_Rate/active_conditions
3305 Total_Cholesterol<=healthcare_expenses
3306 Total_Cholesterol<=log(mean_Triglycerides)*mean_Chloride/log(10)
3307 Total_Cholesterol<=mean_Total_Cholesterol+procedures_lifetime_cost
3308 Total_Cholesterol<=Diastolic_Blood_Pressure+Triglycerides-1
3309 Total_Cholesterol<=maximum(mean_Total_Cholesterol,mean_Alanine_aminotransfe
rase__Enzymatic_activity_volume__in_Serum,Plasma)
3310
Total_Cholesterol<=encounters_lifetime_payer_coverage+mean_Total_Cholesterol
3311
Total_Cholesterol<=maximum(mean_Total_Cholesterol,2*Systolic_Blood_Pressure)
3312 Total_Cholesterol<=maximum(mean_Total_Cholesterol,2*Low_Density_Lipoprotein
_Cholesterol)
3313 Total_Cholesterol<=-healthcare_coverage+healthcare_expenses
3314 Total_Cholesterol<=healthcare_coverage+mean_Total_Cholesterol
3315 Total_Cholesterol<=10^QOLS*mean_Systolic_Blood_Pressure
3316 Total_Cholesterol<=(QOLS+1)^mean_Estimated_Glomerular_Filtration_Rate
3317 Total_Cholesterol<=mean_Total_Cholesterol^medications_lifetime
3318 Total_Cholesterol<=log(mean_High_Density_Lipoprotein_Cholesterol)*mean_Sodi
um/log(10)
3319 Total_Cholesterol<=e^mean_Respiratory_rate/medications_lifetime_dispenses
3320 Total_Cholesterol<=active_care_plan_length+mean_Total_Cholesterol
3321 Total_Cholesterol<=log(mean_Chloride)*mean_Systolic_Blood_Pressure/log(10)
3322 Total_Cholesterol<=mean_Total_Cholesterol/imaging_studies_lifetime
3323 Total_Cholesterol<=10^healthcare_expenses-healthcare_coverage
3324 Total_Cholesterol<=1/2*Microalbumin_Creatinine_Ratio+mean_Total_Cholesterol
3325 Total_Cholesterol<=Heart_rate*sqrt(mean_Respiratory_rate)
3326 Total_Cholesterol<=Systolic_Blood_Pressure+ceil(mean_Low_Density_Lipoprotei
n_Cholesterol)

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3327 Total_Cholesterol<=maximum(mean_Total_Cholesterol,e^DALY)
 3328 Total_Cholesterol<=mean_Systolic_Blood_Pressure^2/QALY
 3329 Total_Cholesterol>=latitude
 3330 Total_Cholesterol>=-active_care_plan_length+mean_Total_Cholesterol
 3331 Total_Cholesterol>=minimum(mean_Total_Cholesterol,e^Hemoglobin_A1c_Hemoglob
 in_total_in_Blood)
 3332 Total_Cholesterol>=mean_Total_Cholesterol-procedures_lifetime_cost
 3333 Total_Cholesterol>=encounters_count-mean_Systolic_Blood_Pressure-1
 3334 Total_Cholesterol>=2*active_care_plans+mean_Microalbumin_Creatinine_Ratio
 3335
 Total_Cholesterol>=Chloride*ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)
 3336 Total_Cholesterol>=minimum(Body_Height,1/medications_active)
 3337 Total_Cholesterol>=-healthcare_expenses
 3338 Total_Cholesterol>=(10^mean_Creatinine)^encounters_lifetime_perc_covered
 3339
 Total_Cholesterol>=Low_Density_Lipoprotein_Cholesterol+log(medications_lifetime)
 3340
 Total_Cholesterol>=minimum(immunizations_lifetime_cost,mean_Total_Cholesterol)
 3341
 Total_Cholesterol>=floor(mean_Microalbumin_Creatinine_Ratio)+procedures_lifetime
 3342 Total_Cholesterol>=Body_Mass_Index*sqrt(DALY)
 3343 Total_Cholesterol>=healthcare_expenses^longitude
 3344 Total_Cholesterol>=mean_Total_Cholesterol^imaging_studies_lifetime
 3345 Total_Cholesterol>=minimum(mean_Total_Cholesterol,1/2*Respiratory_rate)
 3346 Total_Cholesterol>=mean_Total_Cholesterol/medications_lifetime
 3347 Total_Cholesterol>=minimum(latitude,10^healthcare_expenses)
 3348
 Total_Cholesterol>=1/2*medications_lifetime_cost/medications_lifetime_dispenses
 3349 Total_Cholesterol>=ceil(DALY)+mean_Systolic_Blood_Pressure
 3350 Total_Cholesterol>=2*encounters_lifetime_payer_coverage/mean_Sodium
 3351 Total_Cholesterol>=2*Low_Density_Lipoprotein_Cholesterol*encounters_lifetim
 e_perc_covered
 3352 Total_Cholesterol>=-healthcare_coverage+mean_Total_Cholesterol
 3353
 Total_Cholesterol>=-encounters_lifetime_payer_coverage+mean_Total_Cholesterol
 3354 Urea_Nitrogen<=healthcare_expenses
 3355
 Urea_Nitrogen<=(Estimated_Glomerular_Filtration_Rate+1)/immunizations_lifetime
 3356 Urea_Nitrogen<=mean_Urea_Nitrogen+procedures_lifetime_cost
 3357 Urea_Nitrogen<=Respiratory_rate*log(Estimated_Glomerular_Filtration_Rate)/l
 og(10)
 3358 Urea_Nitrogen<=Glomerular_filtration_rate_1_73_sq_M_predicted-
 active_care_plans
 3359 Urea_Nitrogen<=medications_lifetime_cost^2/Sodium
 3360 Urea_Nitrogen<=maximum(Triglycerides,mean_Urea_Nitrogen)
 3361 Urea_Nitrogen<=maximum(mean_Urea_Nitrogen,2*DALY)
 3362 Urea_Nitrogen<=maximum(Heart_rate,mean_Urea_Nitrogen)
 3363 Urea_Nitrogen<=Estimated_Glomerular_Filtration_Rate-QOLS+1

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3364 Urea_Nitrogen<=-healthcare_coverage+healthcare_expenses
3365 Urea_Nitrogen<=healthcare_coverage+mean_Urea_Nitrogen
3366 Urea_Nitrogen<=mean_Urea_Nitrogen^active_care_plans
3367 Urea_Nitrogen<=e^Potassium/medications_active
3368 Urea_Nitrogen<=maximum(active_care_plan_length,mean_Urea_Nitrogen)
3369 Urea_Nitrogen<=2*Creatinine+mean_Urea_Nitrogen
3370 Urea_Nitrogen<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*log(healthcare_expenses)/log(10)
3371
Urea_Nitrogen<=1/2*Triglycerides/Globulin_Mass_volume__in_Serum_by_calculation
3372 Urea_Nitrogen<=Glomerular_filtration_rate_1_73_sq_M_predicted-procedures_lifetime+1
3373 Urea_Nitrogen<=10^healthcare_expenses-healthcare_coverage
3374 Urea_Nitrogen<=e^mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported+mean_Urea_Nitrogen
3375 Urea_Nitrogen<=2*Respiratory_rate-procedures_lifetime
3376 Urea_Nitrogen<=2*mean_Low_Density_Lipoprotein_Cholesterol/active_conditions
3377 Urea_Nitrogen<=-Glucose+2*Heart_rate
3378 Urea_Nitrogen<=floor(Total_Cholesterol)-mean_Systolic_Blood_Pressure
3379 Urea_Nitrogen<=maximum(encounters_count,mean_Urea_Nitrogen)
3380 Urea_Nitrogen<=maximum(medications_lifetime,mean_Urea_Nitrogen)
3381 Urea_Nitrogen<=-Glucose+Sodium
3382 Urea_Nitrogen>=longitude
3383 Urea_Nitrogen>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(mean_Urea_Nitrogen)
3384 Urea_Nitrogen>=mean_Urea_Nitrogen-procedures_lifetime_cost
3385 Urea_Nitrogen>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Urea_Nitrogen)
3386 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,-Triglycerides)
3387 Urea_Nitrogen>=mean_Carbon_Dioxide^2/mean_Heart_rate
3388 Urea_Nitrogen>=mean_Urea_Nitrogen^QOLS
3389 Urea_Nitrogen>=1/2*sqrt(medications_lifetime)
3390 Urea_Nitrogen>=(active_conditions-1)/Creatinine
3391 Urea_Nitrogen>=10^Globulin_Mass_volume__in_Serum_by_calculation/Total_Cholesterol
3392 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported^2)
3393 Urea_Nitrogen>=-healthcare_expenses
3394 Urea_Nitrogen>=(10^healthcare_expenses)^longitude
3395 Urea_Nitrogen>=sqrt(procedures_lifetime)+Creatinine
3396 Urea_Nitrogen>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Pain_severity___0_10_verbal_numeric_rating__Score____Reported
3397 Urea_Nitrogen>=(log(healthcare_coverage)/log(10))^immunizations_lifetime
3398 Urea_Nitrogen>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+active_conditions+1
3399 Urea_Nitrogen>=(mean_MCHC__Mass_volume__by_Automated_count+1)^medications_lifetime_perc_covered
3400 Urea_Nitrogen>=mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood+1

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3401 Urea_Nitrogen>=-healthcare_coverage+mean_Urea_Nitrogen
3402 Urea_Nitrogen>=DALY-Estimated_Glomerular_Filtration_Rate+1
3403 Urea_Nitrogen>=healthcare_expenses^longitude
3404 Urea_Nitrogen>=minimum(Respiratory_rate,1/Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
3405
Urea_Nitrogen>=2*medications_lifetime/mean_Low_Density_Lipoprotein_Cholesterol
3406 Urea_Nitrogen>=Calcium-procedures_lifetime
3407 Urea_Nitrogen>=mean_Urea_Nitrogen/active_care_plans
3408 Urea_Nitrogen>=-encounters_lifetime_payer_coverage+mean_Urea_Nitrogen
3409 Calcium<=healthcare_expenses
3410 Calcium<=active_conditions+healthcare_coverage
3411 Calcium<=mean_Calcium^active_care_plans
3412 Calcium<=maximum(active_conditions,ceil(mean_Calcium))
3413 Calcium<=maximum(encounters_count,mean_Calcium)
3414 Calcium<=minimum(healthcare_expenses,sqrt(MCV__Entitic_volume__by_Automated__count))
3415 Calcium<=encounters_lifetime_payer_coverage+mean_Calcium
3416 Calcium<=ceil(mean_Urea_Nitrogen+1)
3417 Calcium<=10^medications_lifetime_perc_covered*mean_Calcium
3418 Calcium<=2*Sodium/mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
3419 Calcium<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Potassium
3420 Calcium<=maximum(DALY,mean_Calcium)
3421 Calcium<=-healthcare_coverage+healthcare_expenses
3422 Calcium<=Pain_severity___0_10_verbal_numeric_rating__Score___Reported+mean_Calcium
3423 Calcium<=sqrt(Body_Height)-Pain_severity___0_10_verbal_numeric_rating__Score___Reported
3424 Calcium<=mean_Calcium+1/2*procedures_lifetime
3425 Calcium<=mean_Calcium+procedures_lifetime
3426 Calcium<=Heart_rate/active_care_plans
3427 Calcium<=mean_Calcium/QOLS
3428 Calcium<=maximum(mean_Calcium,e^active_care_plans)
3429 Calcium<=maximum(Respiratory_rate,mean_Calcium)
3430 Calcium<=Urea_Nitrogen+procedures_lifetime
3431 Calcium<=2*Albumin__Mass_volume__in_Serum,Plasma+2
3432 Calcium<=maximum(medications_lifetime,mean_Calcium)
3433 Calcium<=10^healthcare_expenses-healthcare_coverage
3434 Calcium<=2*mean_Carbon_Dioxide/Albumin__Mass_volume__in_Serum,Plasma
3435 Calcium>=longitude
3436 Calcium>=log(encounters_lifetime_perc_covered)+mean_Calcium
3437
Calcium>=minimum(mean_Calcium,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3438 Calcium>=active_conditions-healthcare_coverage
3439 Calcium>=mean_Calcium/active_care_plans
3440 Calcium>=-Creatinine+ceil(mean_Calcium)
3441 Calcium>=log(medications_lifetime)^2/log(10)^2

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3442 Calcium>=floor(log(encounters_lifetime_payer_coverage))
3443 Calcium>=2*active_conditions-medications_lifetime_length
3444 Calcium>=1/2*Creatinine*Globulin__Mass_volume__in_Serum_by_calculation
3445 Calcium>=-healthcare_expenses
3446 Calcium>=healthcare_expenses^longitude
3447 Calcium>=Respiratory_rate-active_conditions
3448 Calcium>=ceil(age)-mean_Heart_rate
3449 Calcium>=mean_Calcium-procedures_lifetime
3450 Calcium>=-DALY+lifetime_care_plans
3451 Calcium>=2*active_conditions/Globulin__Mass_volume__in_Serum_by_calculation
3452 Calcium>=device_lifetime_length^QOLS
3453 Calcium>=log(medications_lifetime)+mean_Pain_severity___0_10_verbal_numeric
_rating__Score____Reported
3454 Calcium>=minimum(mean_Calcium,sqrt(QALY))
3455 Calcium>=sqrt(active_conditions)+Potassium
3456 Calcium>=floor(Creatinine)^immunizations_lifetime
3457 Calcium>=ceil(mean_Low_Density_Lipoprotein_Cholesterol)/Estimated_Glomerula
r_Filtration_Rate
3458 Calcium>=mean_Calcium^QOLS
3459 Calcium>=minimum(device_lifetime_length,mean_Calcium)
3460 Calcium>=floor(mean_Calcium)-immunizations_lifetime
3461 Calcium>=(10^healthcare_expenses)^longitude
3462 Calcium>=log(High_Density_Lipoprotein_Cholesterol)+mean_Creatinine
3463 Calcium>=-encounters_lifetime_payer_coverage+mean_Calcium
3464 Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses
3465 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(latitude,mean_Glome
rular_filtration_rate_1_73_sq_M_predicted)
3466 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(encounters_count,me
an_Glomerular_filtration_rate_1_73_sq_M_predicted)
3467 Glomerular_filtration_rate_1_73_sq_M_predicted<=(10^healthcare_expenses)^he
althcare_coverage
3468 Glomerular_filtration_rate_1_73_sq_M_predicted<=log(Alkaline_phosphatase__E
nzymatic_activity_volume__in_Serum,Plasma)*mean_Glomerular_filtration_rate_1_73_
sq_M_predicted/log(10)
3469 Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses^healthc
are_coverage
3470 Glomerular_filtration_rate_1_73_sq_M_predicted>=longitude
3471 Glomerular_filtration_rate_1_73_sq_M_predicted>=mean_Glomerular_filtration_
rate_1_73_sq_M_predicted
3472 Glomerular_filtration_rate_1_73_sq_M_predicted>=-healthcare_expenses
3473 Glomerular_filtration_rate_1_73_sq_M_predicted>=DALY+2
3474
Glomerular_filtration_rate_1_73_sq_M_predicted>=healthcare_expenses^longitude
3475 Glomerular_filtration_rate_1_73_sq_M_predicted>=(10^healthcare_expenses)^lo
ngitude
3476 Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses
3477 Globulin__Mass_volume__in_Serum_by_calculation<=mean_Globulin__Mass_volume_
_in_Serum_by_calculation

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3478 Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses^healthc
 are_coverage
 3479 Globulin__Mass_volume__in_Serum_by_calculation<=(10^healthcare_expenses)^he
 althcare_coverage
 3480 Globulin__Mass_volume__in_Serum_by_calculation>=longitude
 3481 Globulin__Mass_volume__in_Serum_by_calculation>=mean_Globulin__Mass_volume_
 _in_Serum_by_calculation
 3482 Globulin__Mass_volume__in_Serum_by_calculation>=-healthcare_expenses
 3483
 Globulin__Mass_volume__in_Serum_by_calculation>=healthcare_expenses^longitude
 3484 Globulin__Mass_volume__in_Serum_by_calculation>=(10^healthcare_expenses)^lo
 ngitude
 3485 Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses
 3486 Albumin__Mass_volume__in_Serum,Plasma<=mean_Albumin__Mass_volume__in_Serum,
 Plasma
 3487
 Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
 3488 Albumin__Mass_volume__in_Serum,Plasma<=QOLS*ceil(mean_Urea_Nitrogen)
 3489 Albumin__Mass_volume__in_Serum,Plasma<=(10^healthcare_expenses)^healthcare_
 coverage
 3490 Albumin__Mass_volume__in_Serum,Plasma>=longitude
 3491 Albumin__Mass_volume__in_Serum,Plasma>=minimum(active_care_plans,mean_Album
 in__Mass_volume__in_Serum,Plasma)
 3492 Albumin__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
 3493 Albumin__Mass_volume__in_Serum,Plasma>=mean_Albumin__Mass_volume__in_Serum,
 Plasma/medications_active
 3494 Albumin__Mass_volume__in_Serum,Plasma>=mean_Albumin__Mass_volume__in_Serum,
 Plasma-procedures_lifetime
 3495 Albumin__Mass_volume__in_Serum,Plasma>=minimum(lifetime_care_plans,mean_Alb
 umin__Mass_volume__in_Serum,Plasma)
 3496 Albumin__Mass_volume__in_Serum,Plasma>=2*Bilirubin_total__Mass_volume__in_S
 erum,Plasma+2
 3497 Albumin__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 3498 Albumin__Mass_volume__in_Serum,Plasma>=mean_Albumin__Mass_volume__in_Serum,
 Plasma-medications_lifetime_perc_covered
 3499 Albumin__Mass_volume__in_Serum,Plasma>=minimum(mean_Albumin__Mass_volume__i
 n_Serum,Plasma,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
 3500 Albumin__Mass_volume__in_Serum,Plasma>=1/2*medications_active
 3501 Albumin__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 3502 Albumin__Mass_volume__in_Serum,Plasma>=DALY-medications_lifetime
 3503 Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses
 3504 Protein__Mass_volume__in_Serum,Plasma<=mean_Protein__Mass_volume__in_Serum,
 Plasma
 3505
 Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
 3506 Protein__Mass_volume__in_Serum,Plasma<=QALY+ceil(latitude)
 3507 Protein__Mass_volume__in_Serum,Plasma<=(10^healthcare_expenses)^healthcare_
 coverage

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3508 Protein__Mass_volume__in_Serum,Plasma>=latitude
3509 Protein__Mass_volume__in_Serum,Plasma>=minimum(lifetime_care_plan_length,me
an_Protein__Mass_volume__in_Serum,Plasma)
3510 Protein__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
3511 Protein__Mass_volume__in_Serum,Plasma>=mean_Protein__Mass_volume__in_Serum,
Plasma-procedures_lifetime
3512 Protein__Mass_volume__in_Serum,Plasma>=minimum(age,mean_Protein__Mass_volum
e__in_Serum,Plasma)
3513
Protein__Mass_volume__in_Serum,Plasma>=minimum(latitude,10^healthcare_expenses)
3514 Protein__Mass_volume__in_Serum,Plasma>=Urea_Nitrogen*ceil(Globulin__Mass_vo
lume__in_Serum_by_calculation)
3515 Protein__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
3516 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=hea
lthcare_expenses
3517 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mea
n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
3518 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mea
n_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime+1
3519 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=hea
lthcare_expenses^healthcare_coverage
3520 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=(10
^healthcare_expenses)^healthcare_coverage
3521 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=lon
gitude
3522 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mea
n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/medicat
ions_active
3523 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mea
n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^immuniz
ations_lifetime
3524 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=log
(Low_Density_Lipoprotein_Cholesterol)*procedures_lifetime/log(10)
3525 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=min
imum(mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
,mean_Glomerular_filtration_rate_1_73_sq_M_predicted)
3526 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=min
imum(Carbon_Dioxide,mean_Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma)
3527 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-Q0
LS+active_conditions
3528 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-he
althcare_expenses
3529 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mea
n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime
3530 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mea

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n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/active_care_plans
3531 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
3532 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longitude
3533 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses
3534 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Bilirubin_total__Mass_volume__in_Serum,Plasma+2*Carbon_Dioxide
3535 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^active_care_plans
3536 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(lifetime_care_plan_length,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
3537 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(encounters_count,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
3538 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/immunizations_lifetime
3539 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime
3540 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
3541 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(medications_lifetime,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
3542 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(Heart_rate,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
3543 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
3544 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=(10^healthcare_expenses)^healthcare_coverage
3545
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
3546 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
3547 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses
3548 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=e^mean_Bilirubin_total__Mass_volume__in_Serum,Plasma*lifetime_conditions
3549 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longitude

3550 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 3551 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses
 3552 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 3553 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
 3554 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
 3555 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=(10^healthcare_expenses)^healthcare_coverage
 3556 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
 3557 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-floor(age)+mean_Glucose
 3558 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^immunizations_lifetime
 3559 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(latitude,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 3560 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-procedures_lifetime
 3561 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses
 3562 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(active_care_plan_length,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 3563 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/active_care_plans
 3564 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 3565 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
 3566 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/medications_active
 3567 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 3568 Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses
 3569 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+medications_lifetime_perc_covered
 3570 Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
 3571 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma/immunizations_lifetime
 3572 Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)

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3573 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_v
olume__in_Serum,Plasma*medications_active
3574 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_v
olume__in_Serum,Plasma+procedures_lifetime
3575 Bilirubin_total__Mass_volume__in_Serum,Plasma<=10^procedures_lifetime
3576 Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Respiratory_rate,mea
n_Bilirubin_total__Mass_volume__in_Serum,Plasma)
3577 Bilirubin_total__Mass_volume__in_Serum,Plasma<=1/2*Albumin__Mass_volume__in
_Serum,Plasma-1
3578 Bilirubin_total__Mass_volume__in_Serum,Plasma<=(10^healthcare_expenses)^hea
lthcare_coverage
3579 Bilirubin_total__Mass_volume__in_Serum,Plasma<=QOLS/immunizations_lifetime
3580 Bilirubin_total__Mass_volume__in_Serum,Plasma<=active_care_plans*mean_Bilir
ubin_total__Mass_volume__in_Serum,Plasma
3581 Bilirubin_total__Mass_volume__in_Serum,Plasma>=longitude
3582 Bilirubin_total__Mass_volume__in_Serum,Plasma>=mean_Bilirubin_total__Mass_v
olume__in_Serum,Plasma
3583 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
3584
Bilirubin_total__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
3585 Bilirubin_total__Mass_volume__in_Serum,Plasma>=2*mean_Bilirubin_total__Mass
_volume__in_Serum,Plasma-1
3586 Bilirubin_total__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^lon
gitude
3587 Estimated_Glomerular_Filtration_Rate<=healthcare_expenses
3588 Estimated_Glomerular_Filtration_Rate<=Carbon_Dioxide*active_conditions
3589 Estimated_Glomerular_Filtration_Rate<=Triglycerides-e^mean_Creatinine
3590 Estimated_Glomerular_Filtration_Rate<=ceil(mean_Estimated_Glomerular_Filtra
tion_Rate)+mean_Potassium
3591 Estimated_Glomerular_Filtration_Rate<=healthcare_coverage+mean_Estimated_Gl
omerular_Filtration_Rate
3592
Estimated_Glomerular_Filtration_Rate<=Heart_rate*log(10)/log(active_conditions)
3593
Estimated_Glomerular_Filtration_Rate<=Carbon_Dioxide*log(10)/log(Creatinine)
3594
Estimated_Glomerular_Filtration_Rate<=-healthcare_coverage+healthcare_expenses
3595 Estimated_Glomerular_Filtration_Rate<=e^Urea_Nitrogen/Chloride
3596 Estimated_Glomerular_Filtration_Rate<=mean_Estimated_Glomerular_Filtration_
Rate+procedures_lifetime_cost
3597 Estimated_Glomerular_Filtration_Rate<=10^healthcare_expenses-
healthcare_coverage
3598 Estimated_Glomerular_Filtration_Rate<=10^Pain_severity__0_10_verbal_numeri
c_rating__Score____Reported*mean_Estimated_Glomerular_Filtration_Rate
3599 Estimated_Glomerular_Filtration_Rate<=(log(mean_Urea_Nitrogen)/log(10))^mea
n_Systolic_Blood_Pressure
3600 Estimated_Glomerular_Filtration_Rate<=maximum(age,mean_Estimated_Glomerular
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_Filtration_Rate)
3601 Estimated_Glomerular_Filtration_Rate<=maximum(mean_Estimated_Glomerular_Filtration_Rate,2*Body_Mass_Index)
3602 Estimated_Glomerular_Filtration_Rate<=1/device_lifetime_length+mean_Estimated_Glomerular_Filtration_Rate
3603 Estimated_Glomerular_Filtration_Rate<=10^immunizations_lifetime+mean_Estimated_Glomerular_Filtration_Rate
3604 Estimated_Glomerular_Filtration_Rate<=log(mean_Systolic_Blood_Pressure)+mean_Estimated_Glomerular_Filtration_Rate
3605 Estimated_Glomerular_Filtration_Rate<=maximum(mean_Estimated_Glomerular_Filtration_Rate,10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
3606 Estimated_Glomerular_Filtration_Rate>=longitude
3607 Estimated_Glomerular_Filtration_Rate>=QOLS+Urea_Nitrogen-1
3608 Estimated_Glomerular_Filtration_Rate>=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported/mean_Total_Cholesterol
3609 Estimated_Glomerular_Filtration_Rate>=healthcare_expenses^longitude
3610 Estimated_Glomerular_Filtration_Rate>=-healthcare_expenses
3611 Estimated_Glomerular_Filtration_Rate>=ceil(latitude)/active_care_plans
3612 Estimated_Glomerular_Filtration_Rate>=mean_Estimated_Glomerular_Filtration_Rate/active_care_plans
3613 Estimated_Glomerular_Filtration_Rate>=minimum(active_conditions,mean_Estimated_Glomerular_Filtration_Rate)
3614 Estimated_Glomerular_Filtration_Rate>=(Glucose+1)^encounters_lifetime_perc_covered
3615 Estimated_Glomerular_Filtration_Rate>=-encounters_lifetime_payer_coverage+mean_Estimated_Glomerular_Filtration_Rate
3616 Estimated_Glomerular_Filtration_Rate>=Diastolic_Blood_Pressure-Low_Density_Lipoprotein_Cholesterol+1
3617 Estimated_Glomerular_Filtration_Rate>=active_care_plan_length^2/mean_Total_Cholesterol
3618 Estimated_Glomerular_Filtration_Rate>=immunizations_lifetime*log(healthcare_expenses)
3619 Estimated_Glomerular_Filtration_Rate>=Systolic_Blood_Pressure-mean_Sodium-1
3620 Estimated_Glomerular_Filtration_Rate>=-healthcare_coverage+mean_Estimated_Glomerular_Filtration_Rate
3621 Estimated_Glomerular_Filtration_Rate>=2*medications_lifetime/Microalbumin_Creatinine_Ratio
3622 Estimated_Glomerular_Filtration_Rate>=Body_Mass_Index-lifetime_conditions-1
3623 Estimated_Glomerular_Filtration_Rate>=Triglycerides-mean_Triglycerides+1
3624 Estimated_Glomerular_Filtration_Rate>=(10^healthcare_expenses)^longitude
3625 Estimated_Glomerular_Filtration_Rate>=minimum(mean_Estimated_Glomerular_Filtration_Rate,1/medications_active)
3626 Microalbumin_Creatinine_Ratio<=healthcare_expenses
3627 Microalbumin_Creatinine_Ratio<=-mean_Sodium+2*mean_Total_Cholesterol
3628 Microalbumin_Creatinine_Ratio<=Body_Mass_Index^2-lifetime_condition_length
3629 Microalbumin_Creatinine_Ratio<=-healthcare_coverage+healthcare_expenses
3630 Microalbumin_Creatinine_Ratio<=e^Potassium*mean_Potassium
3631 Microalbumin_Creatinine_Ratio<=10^Pain_severity___0_10_verbal_numeric_ratin

$g_Score_Reported * latitude$
 3632
 $Microalbumin_Creatinine_Ratio \leq Carbon_Dioxide + 1/2 * medications_lifetime_dispenses$
 3633 $Microalbumin_Creatinine_Ratio \leq healthcare_coverage + mean_Microalbumin_Creatinine_Ratio$
 3634 $Microalbumin_Creatinine_Ratio \leq mean_Microalbumin_Creatinine_Ratio^{active_care_plans}$
 3635 $Microalbumin_Creatinine_Ratio \leq 2 * lifetime_care_plan_length / QOLS$
 3636 $Microalbumin_Creatinine_Ratio \leq mean_Microalbumin_Creatinine_Ratio + procedures_lifetime_cost$
 3637 $Microalbumin_Creatinine_Ratio \leq encounters_lifetime_payer_coverage + mean_Microalbumin_Creatinine_Ratio$
 3638 $Microalbumin_Creatinine_Ratio \leq 10^{Hemoglobin_A1c_Hemoglobin_total_in_Blood - Body_Height}$
 3639
 $Microalbumin_Creatinine_Ratio \leq Body_Weight^e^{encounters_lifetime_perc_covered}$
 3640 $Microalbumin_Creatinine_Ratio \leq \sqrt{Chloride}^{Creatinine}$
 3641
 $Microalbumin_Creatinine_Ratio \leq mean_Carbon_Dioxide^2 - lifetime_condition_length$
 3642 $Microalbumin_Creatinine_Ratio \leq 2 * QALY + Total_Cholesterol$
 3643 $Microalbumin_Creatinine_Ratio \leq mean_Urea_Nitrogen^2 + Chloride$
 3644 $Microalbumin_Creatinine_Ratio \leq 10^{healthcare_expenses - healthcare_coverage}$
 3645 $Microalbumin_Creatinine_Ratio \leq (1 / encounters_lifetime_perc_covered)^{mean_Urea_Nitrogen}$
 3646 $Microalbumin_Creatinine_Ratio \geq longitude$
 3647 $Microalbumin_Creatinine_Ratio \geq mean_Microalbumin_Creatinine_Ratio / medications_lifetime$
 3648 $Microalbumin_Creatinine_Ratio \geq medications_lifetime / (Carbon_Dioxide - 1)$
 3649 $Microalbumin_Creatinine_Ratio \geq -healthcare_coverage + mean_Microalbumin_Creatinine_Ratio$
 3650 $Microalbumin_Creatinine_Ratio \geq (QOLS + 1)^{procedures_lifetime}$
 3651 $Microalbumin_Creatinine_Ratio \geq e^{Creatinine - mean_Low_Density_Lipoprotein_Cholesterol}$
 3652 $Microalbumin_Creatinine_Ratio \geq -healthcare_expenses$
 3653 $Microalbumin_Creatinine_Ratio \geq device_lifetime_length - 1/2 * latitude$
 3654 $Microalbumin_Creatinine_Ratio \geq minimum(active_conditions, mean_Microalbumin_Creatinine_Ratio)$
 3655 $Microalbumin_Creatinine_Ratio \geq -Urea_Nitrogen + 2 * active_conditions$
 3656
 $Microalbumin_Creatinine_Ratio \geq -Heart_rate + mean_Microalbumin_Creatinine_Ratio + 1$
 3657 $Microalbumin_Creatinine_Ratio \geq -immunizations_lifetime_cost + mean_Microalbumin_Creatinine_Ratio + 1$
 3658 $Microalbumin_Creatinine_Ratio \geq healthcare_expenses^{longitude}$
 3659 $Microalbumin_Creatinine_Ratio \geq ceil(mean_Microalbumin_Creatinine_Ratio) - mean_Heart_rate$
 3660 $Microalbumin_Creatinine_Ratio \geq mean_Microalbumin_Creatinine_Ratio - procedures_lifetime_cost$
 3661 $Microalbumin_Creatinine_Ratio \geq (1/2 * immunizations_lifetime_cost)^{medication}$

```

s_lifetime_perc_covered
3662 Microalbumin_Creatinine_Ratio>=(10^healthcare_expenses)^longitude
3663 Microalbumin_Creatinine_Ratio>=(log(mean_Systolic_Blood_Pressure)/log(10))^
mean_Creatinine
3664
Microalbumin_Creatinine_Ratio>=sqrt(encounters_count)^immunizations_lifetime
3665 mean_Body_Height<=healthcare_expenses
3666 mean_Body_Height<=Body_Height
3667 mean_Body_Height<=-healthcare_coverage+healthcare_expenses
3668 mean_Body_Height>=latitude
3669 mean_Body_Height>=Body_Height
3670 mean_Body_Height>=-healthcare_expenses
3671 mean_Body_Height>=healthcare_expenses^longitude
3672 mean_Body_Height>=minimum(latitude,10^healthcare_expenses)
3673 mean_Body_Mass_Index<=healthcare_expenses
3674 mean_Body_Mass_Index<=ceil(Body_Mass_Index)
3675 mean_Body_Mass_Index<=-healthcare_coverage+healthcare_expenses
3676 mean_Body_Mass_Index<=1/healthcare_expenses+Body_Mass_Index
3677 mean_Body_Mass_Index<=Body_Mass_Index+active_care_plans
3678 mean_Body_Mass_Index<=Body_Mass_Index+healthcare_coverage
3679 mean_Body_Mass_Index<=maximum(age,Body_Mass_Index)
3680 mean_Body_Mass_Index<=maximum(active_care_plan_length,Body_Mass_Index)
3681 mean_Body_Mass_Index<=maximum(active_condition_length,Body_Mass_Index)
3682 mean_Body_Mass_Index<=maximum(encounters_count,Body_Mass_Index)
3683 mean_Body_Mass_Index<=maximum(Body_Mass_Index,mean_Microalbumin_Creatinine_
Ratio)
3684 mean_Body_Mass_Index<=Body_Mass_Index+medications_lifetime_perc_covered
3685 mean_Body_Mass_Index<=Body_Mass_Index+procedures_lifetime
3686 mean_Body_Mass_Index<=Body_Mass_Index+Pain_severity___0_10_verbal_numeric_r
ating__Score___Reported
3687 mean_Body_Mass_Index<=maximum(Body_Mass_Index,1/2*age)
3688
mean_Body_Mass_Index<=maximum(Body_Mass_Index,Microalbumin_Creatinine_Ratio)
3689 mean_Body_Mass_Index<=maximum(Body_Mass_Index,10^active_care_plans)
3690
mean_Body_Mass_Index<=maximum(Body_Mass_Index,1/2*lifetime_care_plan_length)
3691
mean_Body_Mass_Index<=Estimated_Glomerular_Filtration_Rate+lifetime_conditions+1
3692 mean_Body_Mass_Index<=maximum(Body_Mass_Index,1/2*encounters_count)
3693 mean_Body_Mass_Index<=maximum(Body_Mass_Index,10^procedures_lifetime)
3694 mean_Body_Mass_Index<=maximum(Body_Mass_Index,e^procedures_lifetime)
3695 mean_Body_Mass_Index>=longitude
3696 mean_Body_Mass_Index>=floor(Body_Mass_Index)
3697 mean_Body_Mass_Index>=healthcare_expenses^longitude
3698 mean_Body_Mass_Index>=Body_Mass_Index-procedures_lifetime
3699 mean_Body_Mass_Index>=Body_Mass_Index-medications_lifetime_perc_covered
3700
mean_Body_Mass_Index>=lifetime_care_plan_length^encounters_lifetime_perc_covered

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3701 mean_Body_Mass_Index>=-healthcare_expenses
3702 mean_Body_Mass_Index>=Body_Mass_Index-active_care_plans
3703 mean_Body_Mass_Index>=Body_Mass_Index-medications_active
3704 mean_Body_Mass_Index>=Body_Mass_Index-healthcare_coverage
3705 mean_Body_Mass_Index>=Body_Mass_Index-active_conditions
3706 mean_Body_Mass_Index>=Body_Mass_Index-encounters_lifetime_payer_coverage
3707 mean_Body_Mass_Index>=Body_Mass_Index^encounters_lifetime_perc_covered
3708 mean_Body_Mass_Index>=minimum(Body_Mass_Index,e^mean_Creatinine)
3709 mean_Body_Mass_Index>=Body_Mass_Index^imaging_studies_lifetime
3710 mean_Body_Mass_Index>=Body_Mass_Index^QOLS
3711 mean_Body_Mass_Index>=DALY-medications_active-1
3712 mean_Body_Mass_Index>=Body_Mass_Index-
Pain_severity__0_10_verbal_numeric_rating__Score___Reported
3713 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Hemoglobin_A1c_Hemoglobin_tot
al_in_Blood)
3714 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Creatinine)
3715 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Carbon_Dioxide)
3716 mean_Body_Mass_Index>=minimum(Body_Mass_Index,mean_Carbon_Dioxide)
3717 mean_Body_Mass_Index>=minimum(Body_Mass_Index,1/2*High_Density_Lipoprotein_
Cholesterol)
3718 mean_Body_Mass_Index>=(10^healthcare_expenses)^longititude
3719 mean_Body_Mass_Index>=minimum(Body_Mass_Index,2*procedures_lifetime)
3720 mean_Body_Mass_Index>=minimum(Body_Mass_Index,1/medications_lifetime_perc_c
overed)
3721 mean_Body_Mass_Index>=minimum(Body_Mass_Index,-Triglycerides)
3722 mean_Body_Mass_Index>=minimum(Body_Mass_Index,e^Creatinine)
3723 mean_Body_Mass_Index>=Urea_Nitrogen*log(mean_Carbon_Dioxide)/log(10)
3724 mean_Body_Weight<=healthcare_expenses
3725 mean_Body_Weight<=Body_Weight
3726 mean_Body_Weight<=-healthcare_coverage+healthcare_expenses
3727 mean_Body_Weight>=latitude
3728 mean_Body_Weight>=floor(Body_Weight)
3729 mean_Body_Weight>=healthcare_expenses^longititude
3730 mean_Body_Weight>=Body_Weight-healthcare_coverage
3731 mean_Body_Weight>=minimum(age,Body_Weight)
3732 mean_Body_Weight>=-healthcare_expenses
3733 mean_Body_Weight>=Body_Weight-active_care_plans
3734 mean_Body_Weight>=Body_Weight-encounters_lifetime_payer_coverage
3735 mean_Body_Weight>=Body_Weight^encounters_lifetime_perc_covered
3736 mean_Body_Weight>=minimum(Heart_rate,Body_Weight)
3737 mean_Body_Weight>=Body_Weight^imaging_studies_lifetime
3738 mean_Body_Weight>=Body_Weight-medications_lifetime_perc_covered
3739 mean_Body_Weight>=Body_Weight-procedures_lifetime
3740 mean_Body_Weight>=Body_Weight^QOLS
3741 mean_Body_Weight>=Body_Weight-QOLS
3742 mean_Body_Weight>=minimum(Diastolic_Blood_Pressure,Body_Weight)
3743 mean_Body_Weight>=minimum(Body_Weight,Estimated_Glomerular_Filtration_Rate)
3744 mean_Body_Weight>=minimum(latitude,10^healthcare_expenses)

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3745 mean_Body_Weight>=-Creatinine+2*device_lifetime_length
3746 mean_Body_Weight>=minimum(Body_Weight,1/2*encounters_count)
3747 mean_Calcium<=healthcare_expenses
3748 mean_Calcium<=active_conditions+healthcare_coverage
3749 mean_Calcium<=Calcium^active_care_plans
3750 mean_Calcium<=maximum(Respiratory_rate,Calcium)
3751 mean_Calcium<=maximum(Calcium,2*DALY)
3752 mean_Calcium<=maximum(DALY,Urea_Nitrogen+1)
3753 mean_Calcium<=maximum(encounters_count,Calcium)
3754 mean_Calcium<=log(Body_Weight)/log(10)+Urea_Nitrogen
3755 mean_Calcium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*log(age)
3756 mean_Calcium<=Calcium+procedures_lifetime
3757 mean_Calcium<=Calcium+encounters_lifetime_payer_coverage
3758 mean_Calcium<=-active_condition_length+mean_Heart_rate+1
3759 mean_Calcium<=-healthcare_coverage+healthcare_expenses
3760 mean_Calcium<=1/2*Estimated_Glomerular_Filtration_Rate+mean_Pain_severity__
_0_10_verbal_numeric_rating__Score___Reported
3761 mean_Calcium<=(Calcium+1)/Bilirubin_total__Mass_volume__in_Serum,Plasma
3762 mean_Calcium<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum
,Plasma/Globulin__Mass_volume__in_Serum_by_calculation
3763 mean_Calcium<=Heart_rate/active_care_plans
3764 mean_Calcium<=Calcium/QOLS
3765 mean_Calcium<=(Low_Density_Lipoprotein_Cholesterol-1)/procedures_lifetime
3766 mean_Calcium<=maximum(Triglycerides,Calcium)
3767 mean_Calcium<=10^healthcare_expenses-healthcare_coverage
3768 mean_Calcium<=maximum(Urea_Nitrogen,log(healthcare_coverage))
3769 mean_Calcium<=ceil(Calcium)+encounters_lifetime_perc_covered
3770
mean_Calcium<=sqrt(Triglycerides)-Bilirubin_total__Mass_volume__in_Serum,Plasma
3771 mean_Calcium<=sqrt(QOLS)+Calcium
3772 mean_Calcium<=Body_Weight-active_care_plan_length-1
3773 mean_Calcium<=maximum(Calcium,1/imaging_studies_lifetime)
3774
mean_Calcium<=minimum(Estimated_Glomerular_Filtration_Rate,mean_Urea_Nitrogen-1)
3775 mean_Calcium<=maximum(active_conditions,1/2*Estimated_Glomerular_Filtration
_Rate)
3776 mean_Calcium>=longitude
3777 mean_Calcium>=minimum(Calcium,2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3778
mean_Calcium>=maximum(Calcium,Globulin__Mass_volume__in_Serum_by_calculation)
3779 mean_Calcium>=active_conditions-healthcare_coverage
3780 mean_Calcium>=Calcium/active_care_plans
3781 mean_Calcium>=-QOLS+floor(Calcium)
3782 mean_Calcium>=floor(DALY)-mean_Carbon_Dioxide
3783 mean_Calcium>=(mean_Creatinine+1)*immunizations_lifetime
3784 mean_Calcium>=Globulin__Mass_volume__in_Serum_by_calculation*log(mean_Urea_
Nitrogen)
3785 mean_Calcium>=log(encounters_lifetime_total_cost^2)/log(10)

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3786 mean_Calcium>=-healthcare_expenses
3787
mean_Calcium>=sqrt(mean_Total_Cholesterol)^medications_lifetime_perc_covered
3788 mean_Calcium>=healthcare_expenses^longitude
3789 mean_Calcium>=Respiratory_rate-active_conditions
3790 mean_Calcium>=Calcium-procedures_lifetime
3791 mean_Calcium>=-DALY+lifetime_care_plans
3792 mean_Calcium>=minimum(Calcium,sqrt(age))
3793 mean_Calcium>=minimum(Calcium,2*mean_Potassium)
3794 mean_Calcium>=Calcium^QOLS
3795 mean_Calcium>=log(age)+mean_Creatinine
3796 mean_Calcium>=-Albumin__Mass_volume__in_Serum,Plasma+active_conditions-1
3797 mean_Calcium>=-Carbon_Dioxide+mean_Aspartate_aminotransferase__Enzymatic_ac
tivity_volume__in_Serum,Plasma
3798 mean_Calcium>=Calcium-encounters_lifetime_payer_coverage
3799 mean_Calcium>=(10^healthcare_expenses)^longitude
3800
mean_Calcium>=log(High_Density_Lipoprotein_Cholesterol)*mean_Potassium/log(10)
3801 mean_Calcium>=1/2*latitude/Hemoglobin_A1c_Hemoglobin_total_in_Blood
3802 mean_Calcium>=-Body_Weight+age-1
3803 mean_Calcium>=log(encounters_lifetime_payer_coverage)/log(10)+Potassium
3804 mean_Carbon_Dioxide<=healthcare_expenses
3805 mean_Carbon_Dioxide<=Respiratory_rate*sqrt(mean_Potassium)
3806 mean_Carbon_Dioxide<=Carbon_Dioxide+procedures_lifetime_cost
3807 mean_Carbon_Dioxide<=-mean_Urea_Nitrogen+medications_lifetime_cost-1
3808
mean_Carbon_Dioxide<=Urea_Nitrogen*log(Estimated_Glomerular_Filtration_Rate)
3809 mean_Carbon_Dioxide<=Carbon_Dioxide/QOLS
3810 mean_Carbon_Dioxide<=Body_Mass_Index+procedures_lifetime
3811 mean_Carbon_Dioxide<=maximum(active_care_plan_length,Carbon_Dioxide)
3812 mean_Carbon_Dioxide<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(Carbon_D
ioxide)
3813 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,DALY^2)
3814 mean_Carbon_Dioxide<=active_conditions+mean_Estimated_Glomerular_Filtration
_Rate-1
3815 mean_Carbon_Dioxide<=maximum(encounters_count,Carbon_Dioxide)
3816 mean_Carbon_Dioxide<=maximum(Heart_rate,Carbon_Dioxide)
3817 mean_Carbon_Dioxide<=maximum(Triglycerides,Carbon_Dioxide)
3818 mean_Carbon_Dioxide<=Carbon_Dioxide^active_care_plans
3819 mean_Carbon_Dioxide<=2*Albumin__Mass_volume__in_Serum,Plasma^2
3820 mean_Carbon_Dioxide<=10^healthcare_expenses-healthcare_coverage
3821 mean_Carbon_Dioxide<=Carbon_Dioxide+healthcare_coverage
3822 mean_Carbon_Dioxide<=-healthcare_coverage+healthcare_expenses
3823 mean_Carbon_Dioxide<=Carbon_Dioxide+log(Alkaline_phosphatase__Enzymatic_act
ivity_volume__in_Serum,Plasma)
3824 mean_Carbon_Dioxide<=mean_Heart_rate^2/mean_Total_Cholesterol
3825 mean_Carbon_Dioxide<=immunizations_lifetime+2*mean_Respiratory_rate
3826 mean_Carbon_Dioxide<=e^encounters_lifetime_perc_covered*mean_Estimated_Glom

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erular_Filtration_Rate
3827 mean_Carbon_Dioxide<=Urea_Nitrogen*floor(Potassium)
3828 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,2*Respiratory_rate)
3829 mean_Carbon_Dioxide>=longitude
3830 mean_Carbon_Dioxide>=Carbon_Dioxide^QOLS
3831 mean_Carbon_Dioxide>=Carbon_Dioxide-procedures_lifetime_cost
3832 mean_Carbon_Dioxide>=Carbon_Dioxide/active_care_plans
3833 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,-Triglycerides)
3834 mean_Carbon_Dioxide>=healthcare_expenses^longitude
3835 mean_Carbon_Dioxide>=floor(DALY)-mean_Calcium
3836 mean_Carbon_Dioxide>=-Body_Weight+1/2*lifetime_care_plan_length
3837 mean_Carbon_Dioxide>=-healthcare_expenses
3838 mean_Carbon_Dioxide>=1/2*device_lifetime_length-
medications_lifetime_perc_covered
3839 mean_Carbon_Dioxide>=1/2*mean_Triglycerides/Hemoglobin_A1c_Hemoglobin_total
_in_Blood
3840 mean_Carbon_Dioxide>=Calcium*log(procedures_lifetime)
3841 mean_Carbon_Dioxide>=(medications_lifetime+1)/mean_High_Density_Lipoprotein
_Cholesterol
3842 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,mean_Hemoglobin_A1c_Hemoglobin_
total_in_Blood)
3843 mean_Carbon_Dioxide>=1/2*Globulin_Mass_volume_in_Serum_by_calculation*mea
n_Urea_Nitrogen
3844 mean_Carbon_Dioxide>=(Glucose-1)/Albumin_Mass_volume_in_Serum,Plasma
3845 mean_Carbon_Dioxide>=1/2*Albumin_Mass_volume_in_Serum,Plasma*Calcium
3846 mean_Carbon_Dioxide>=Carbon_Dioxide-encounters_lifetime_payer_coverage
3847 mean_Carbon_Dioxide>=sqrt(encounters_lifetime_payer_coverage)-Glucose
3848 mean_Carbon_Dioxide>=Carbon_Dioxide*log(lifetime_care_plans)/log(10)
3849 mean_Carbon_Dioxide>=(10^healthcare_expenses)^longitude
3850 mean_Carbon_Dioxide>=log(Platelet_distribution_width_Entitic_volume_in_Bl
ood_by_Automated_count)^immunizations_lifetime
3851
mean_Carbon_Dioxide>=sqrt(Estimated_Glomerular_Filtration_Rate)*mean_Creatinine
3852 mean_Carbon_Dioxide>=Pain_severity__0_10_verbal_numeric_rating_Score___R
eported*lifetime_care_plans
3853 mean_Carbon_Dioxide>=(Diastolic_Blood_Pressure+1)/mean_Potassium
3854 mean_Carbon_Dioxide>=Potassium*log(mean_Glucose)
3855 mean_Carbon_Dioxide>=Carbon_Dioxide-mean_Creatinine-1
3856 mean_Carbon_Dioxide>=Carbon_Dioxide-healthcare_coverage
3857 mean_Chloride<=healthcare_expenses
3858 mean_Chloride<=Chloride+procedures_lifetime_cost
3859 mean_Chloride<=maximum(medications_lifetime_length,Chloride)
3860 mean_Chloride<=DALY+Systolic_Blood_Pressure
3861 mean_Chloride<=-healthcare_coverage+healthcare_expenses
3862 mean_Chloride<=mean_Carbon_Dioxide^2/Potassium
3863 mean_Chloride<=Chloride+log(mean_Estimated_Glomerular_Filtration_Rate)
3864 mean_Chloride<=Chloride+healthcare_coverage
3865 mean_Chloride<=maximum(lifetime_condition_length,Chloride)

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3866 mean_Chloride<=floor(Chloride)+mean_Potassium
3867 mean_Chloride<=maximum(Body_Height,Chloride)
3868 mean_Chloride<=maximum(Triglycerides,Chloride)
3869 mean_Chloride<=e^Albumin__Mass_volume__in_Serum,Plasma-longitude
3870 mean_Chloride<=Chloride^active_care_plans
3871
mean_Chloride<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+floor(Triglycerides)
3872 mean_Chloride<=Heart_rate+latitude+1
3873 mean_Chloride<=1/mean_Albumin__Mass_volume__in_Serum,Plasma+Chloride
3874 mean_Chloride<=10^healthcare_expenses-healthcare_coverage
3875 mean_Chloride<=2*Potassium*Respiratory_rate
3876 mean_Chloride<=Heart_rate+1/2*mean_Glucose
3877 mean_Chloride<=Systolic_Blood_Pressure+log(age)
3878 mean_Chloride<=maximum(Chloride,e^DALY)
3879 mean_Chloride<=2*High_Density_Lipoprotein_Cholesterol+mean_Estimated_Glomer
ular_Filtration_Rate
3880 mean_Chloride<=Body_Weight+2*Estimated_Glomerular_Filtration_Rate
3881 mean_Chloride<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(Chloride)
3882 mean_Chloride<=2*Chloride-mean_Diastolic_Blood_Pressure
3883 mean_Chloride>=latitude
3884 mean_Chloride>=DALY*sqrt(procedures_lifetime)
3885 mean_Chloride>=minimum(Chloride,mean_Body_Mass_Index)
3886 mean_Chloride>=Chloride-procedures_lifetime_cost
3887 mean_Chloride>=minimum(Chloride,mean_High_Density_Lipoprotein_Cholesterol)
3888 mean_Chloride>=Chloride/active_care_plans
3889 mean_Chloride>=floor(QALY)*immunizations_lifetime
3890 mean_Chloride>=-healthcare_expenses
3891 mean_Chloride>=Calcium*sqrt(mean_Glucose)
3892 mean_Chloride>=Chloride^QOLS
3893 mean_Chloride>=-active_care_plan_length+1/2*encounters_count
3894 mean_Chloride>=minimum(encounters_count,mean_Diastolic_Blood_Pressure)
3895 mean_Chloride>=-Heart_rate+mean_Triglycerides-1
3896 mean_Chloride>=minimum(Chloride,sqrt(procedures_lifetime_cost))
3897 mean_Chloride>=Carbon_Dioxide*log(latitude)
3898 mean_Chloride>=log(encounters_lifetime_perc_covered)+mean_Diastolic_Blood_P
ressure
3899 mean_Chloride>=healthcare_expenses^longitude
3900 mean_Chloride>=Chloride-healthcare_coverage
3901 mean_Chloride>=Chloride-encounters_lifetime_payer_coverage
3902 mean_Chloride>=Chloride*log(lifetime_care_plans)/log(10)
3903 mean_Chloride>=sqrt(Body_Weight)+Heart_rate
3904 mean_Chloride>=floor(Chloride)-medications_lifetime_length
3905 mean_Chloride>=Body_Height-Body_Weight
3906 mean_Chloride>=Chloride-procedures_lifetime-1
3907 mean_Chloride>=minimum(Chloride,e^procedures_lifetime)
3908 mean_Chloride>=minimum(latitude,10^healthcare_expenses)
3909 mean_Chloride>=-mean_High_Density_Lipoprotein_Cholesterol+mean_Systolic_Blo
od_Pressure-1

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3910 mean_Creatinine<=healthcare_expenses
3911 mean_Creatinine<=Creatinine+procedures_lifetime_cost
3912 mean_Creatinine<=QOLS+1/2*medications_lifetime
3913 mean_Creatinine<=maximum(Respiratory_rate,Creatinine)
3914 mean_Creatinine<=log(medications_lifetime_perc_covered)^Hemoglobin_A1c_Hemo
globin_total_in_Blood
3915 mean_Creatinine<=(2*mean_Systolic_Blood_Pressure)^QOLS
3916 mean_Creatinine<=minimum(healthcare_expenses,log(FEV1_FVC)/log(10))
3917 mean_Creatinine<=maximum(Triglycerides,Creatinine)
3918 mean_Creatinine<=maximum(procedures_lifetime,log(mean_Low_Density_Lipoprote
in_Cholesterol))
3919 mean_Creatinine<=encounters_lifetime_perc_covered+e^mean_Pain_severity___0_
10_verbal_numeric_rating__Score___Reported
3920 mean_Creatinine<=e^(10^Pain_severity___0_10_verbal_numeric_rating__Score___
_Reported)
3921 mean_Creatinine<=Triglycerides/Estimated_Glomerular_Filtration_Rate
3922 mean_Creatinine<=2*Urea_Nitrogen/active_care_plans
3923 mean_Creatinine<=-healthcare_coverage+healthcare_expenses
3924 mean_Creatinine<=minimum(Estimated_Glomerular_Filtration_Rate,Creatinine^2)
3925 mean_Creatinine<=2*mean_Systolic_Blood_Pressure/active_care_plan_length
3926 mean_Creatinine<=log(Total_Cholesterol)/(encounters_lifetime_perc_covered*1
og(10))
3927 mean_Creatinine<=Creatinine*active_care_plans
3928 mean_Creatinine<=2/imaging_studies_lifetime
3929 mean_Creatinine<=10^healthcare_expenses-healthcare_coverage
3930 mean_Creatinine<=sqrt(Glucose)-Potassium
3931 mean_Creatinine<=-Glucose+ceil(Triglycerides)
3932 mean_Creatinine<=mean_Carbon_Dioxide^2/mean_Systolic_Blood_Pressure
3933 mean_Creatinine<=2*Creatinine+QOLS
3934 mean_Creatinine<=Creatinine+healthcare_coverage
3935 mean_Creatinine<=Creatinine+encounters_lifetime_payer_coverage
3936 mean_Creatinine>=longitude
3937 mean_Creatinine>=minimum(QOLS,Creatinine)
3938 mean_Creatinine>=Carbon_Dioxide-mean_Carbon_Dioxide-1
3939 mean_Creatinine>=Creatinine-procedures_lifetime
3940 mean_Creatinine>=-healthcare_expenses
3941 mean_Creatinine>=(1/active_care_plans)
3942 mean_Creatinine>=minimum(immunizations_lifetime_cost,Creatinine-1)
3943 mean_Creatinine>=1/2*Microalbumin_Creatinine_Ratio/active_care_plan_length
3944 mean_Creatinine>=(High_Density_Lipoprotein_Cholesterol+1)/Alanine_aminotran
sferase__Enzymatic_activity_volume__in_Serum,Plasma
3945 mean_Creatinine>=minimum(Creatinine,num_allergies^2)
3946 mean_Creatinine>=Creatinine-encounters_lifetime_payer_coverage
3947 mean_Creatinine>=healthcare_expenses^longitude
3948 mean_Creatinine>=(Bilirubin_total__Mass_volume__in_Serum,Plasma-1)*Alkaline
_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
3949 mean_Creatinine>=Creatinine/active_care_plans
3950 mean_Creatinine>=-Globulin__Mass_volume__in_Serum_by_calculation+1/2*lifeti

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me_care_plans
3951 mean_Creatinine>=log(Protein_Mass_volume__in_Serum,Plasma)/log(10)-imaging
_studies_lifetime
3952 mean_Creatinine>=minimum(num_allergies,Creatinine)
3953
mean_Creatinine>=2*mean_Microalbumin_Creatinine_Ratio/Systolic_Blood_Pressure
3954 mean_Creatinine>=-Respiratory_rate+ceil(mean_Respiratory_rate)
3955 mean_Creatinine>=(active_care_plan_length+1)/mean_Estimated_Glomerular_Filt
ration_Rate
3956 mean_Creatinine>=minimum(Creatinine,log(active_care_plans))
3957 mean_Creatinine>=1/2*device_lifetime_length/DALY
3958 mean_Creatinine>=floor(latitude)/Estimated_Glomerular_Filtration_Rate
3959 mean_Creatinine>=(10^healthcare_expenses)^longitude
3960 mean_Creatinine>=Creatinine-healthcare_coverage
3961 mean_Creatinine>=sqrt(Microalbumin_Creatinine_Ratio)-Respiratory_rate
3962 mean_Creatinine>=-Urea_Nitrogen+log(procedures_lifetime_cost)
3963 mean_Creatinine>=-Potassium+medications_active
3964 mean_DALY<=DALY
3965 mean_DALY>=imaging_studies_lifetime
3966 mean_DALY>=DALY
3967 mean_Diastolic_Blood_Pressure<=healthcare_expenses
3968
mean_Diastolic_Blood_Pressure<=maximum(mean_Glucose,Diastolic_Blood_Pressure+1)
3969
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+procedures_lifetime_cost
3970 mean_Diastolic_Blood_Pressure<=maximum(lifetime_condition_length,Diastolic_
Blood_Pressure)
3971 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+log(Estimated_Glome
rular_Filtration_Rate)
3972 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,DALY^2)
3973 mean_Diastolic_Blood_Pressure<=2*High_Density_Lipoprotein_Cholesterol+mean_
Urea_Nitrogen
3974 mean_Diastolic_Blood_Pressure<=-healthcare_coverage+healthcare_expenses
3975 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+healthcare_coverage
3976
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure/imaging_studies_lifetime
3977
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+active_care_plan_length
3978 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure/QOLS
3979 mean_Diastolic_Blood_Pressure<=1/2*Potassium*mean_High_Density_Lipoprotein_
Cholesterol
3980 mean_Diastolic_Blood_Pressure<=Heart_rate+active_condition_length
3981 mean_Diastolic_Blood_Pressure<=Heart_rate/encounters_lifetime_perc_covered
3982
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+e^procedures_lifetime
3983 mean_Diastolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate*log(hea
lthcare_expenses)/log(10)
3984 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,e^DALY)

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3985
 $\text{mean_Diastolic_Blood_Pressure} \leq \text{mean_High_Density_Lipoprotein_Cholesterol}^2 / \text{DALY}$
3986
 $\text{mean_Diastolic_Blood_Pressure} \leq \text{maximum}(\text{Diastolic_Blood_Pressure}, 1 / \text{num_allergies})$
3987 $\text{mean_Diastolic_Blood_Pressure} \leq \text{maximum}(\text{Diastolic_Blood_Pressure}, 10^{\text{active_care_plans}})$
3988 $\text{mean_Diastolic_Blood_Pressure} \leq \text{Body_Mass_Index} + \text{Body_Weight} + 1$
3989 $\text{mean_Diastolic_Blood_Pressure} \leq e^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood_longitude}}$
3990 $\text{mean_Diastolic_Blood_Pressure} \leq \text{Respiratory_rate}^2 - \text{mean_High_Density_Lipoprotein_Cholesterol}$
3991 $\text{mean_Diastolic_Blood_Pressure} \leq \text{active_care_plans}^2 * \text{mean_Estimated_Glomerular_Filtration_Rate}$
3992 $\text{mean_Diastolic_Blood_Pressure} \leq \text{sqrt}(\text{lifetime_care_plan_length}) + \text{Diastolic_Blood_Pressure}$
3993 $\text{mean_Diastolic_Blood_Pressure} \leq \text{lifetime_conditions}^2 + \text{mean_Estimated_Glomerular_Filtration_Rate}$
3994 $\text{mean_Diastolic_Blood_Pressure} \leq -\text{High_Density_Lipoprotein_Cholesterol} + \text{ceil}(\text{Body_Height})$
3995 $\text{mean_Diastolic_Blood_Pressure} \leq \text{maximum}(\text{Diastolic_Blood_Pressure}, 10^{\text{DALY}})$
3996 $\text{mean_Diastolic_Blood_Pressure} \geq \text{latitude}$
3997 $\text{mean_Diastolic_Blood_Pressure} \geq \text{minimum}(\text{QALY}, \text{Diastolic_Blood_Pressure})$
3998 $\text{mean_Diastolic_Blood_Pressure} \geq \text{High_Density_Lipoprotein_Cholesterol} + 1/2 * \text{immunizations_lifetime}$
3999 $\text{mean_Diastolic_Blood_Pressure} \geq e^{\text{Potassium} - \text{mean_Heart_rate}}$
4000 $\text{mean_Diastolic_Blood_Pressure} \geq -\text{healthcare_expenses}$
4001 $\text{mean_Diastolic_Blood_Pressure} \geq \text{Diastolic_Blood_Pressure} - \text{active_conditions}$
4002 $\text{mean_Diastolic_Blood_Pressure} \geq \text{Diastolic_Blood_Pressure} - \text{procedures_lifetime_cost}$
4003 $\text{mean_Diastolic_Blood_Pressure} \geq \text{floor}(\text{active_care_plan_length})$
4004 $\text{mean_Diastolic_Blood_Pressure} \geq \text{Diastolic_Blood_Pressure} - \text{encounters_lifetime_payer_coverage}$
4005 $\text{mean_Diastolic_Blood_Pressure} \geq 1/2 * \text{Triglycerides} * \text{medications_lifetime_perc_covered}$
4006
 $\text{mean_Diastolic_Blood_Pressure} \geq \text{Diastolic_Blood_Pressure}^{\text{imaging_studies_lifetime}}$
4007 $\text{mean_Diastolic_Blood_Pressure} \geq \text{Potassium} + 1/2 * \text{mean_Low_Density_Lipoprotein_Cholesterol}$
4008 $\text{mean_Diastolic_Blood_Pressure} \geq \text{Diastolic_Blood_Pressure}^{\text{QOLS}}$
4009 $\text{mean_Diastolic_Blood_Pressure} \geq \text{healthcare_expenses}^{\text{longitude}}$
4010 $\text{mean_Diastolic_Blood_Pressure} \geq \text{Diastolic_Blood_Pressure} - \text{active_care_plan_length}$
4011 $\text{mean_Diastolic_Blood_Pressure} \geq \text{Diastolic_Blood_Pressure}^2 / \text{Chloride}$
4012 $\text{mean_Diastolic_Blood_Pressure} \geq \text{sqrt}(\text{encounters_lifetime_total_cost}) - \text{Systolic_Blood_Pressure}$
4013 $\text{mean_Diastolic_Blood_Pressure} \geq (\text{Body_Height} + 1) / \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}$
4014 $\text{mean_Diastolic_Blood_Pressure} \geq \text{encounters_count} / \text{mean_Potassium}$

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4015 mean_Diastolic_Blood_Pressure>=-Systolic_Blood_Pressure+floor(Body_Height)
4016 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,Estimated_G
lomerular_Filtration_Rate)
4017 mean_Diastolic_Blood_Pressure>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+ce
il(age)
4018 mean_Diastolic_Blood_Pressure>=(log(medications_lifetime)/log(10))^mean_Cre
atinine
4019 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,Hemoglobin_
A1c_Hemoglobin_total_in_Blood)
4020 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,High_Densit
y_Lipoprotein_Cholesterol)
4021 mean_Diastolic_Blood_Pressure>=log(10^DALY)
4022 mean_Diastolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
4023 mean_Diastolic_Blood_Pressure>=Heart_rate^encounters_lifetime_perc_covered
4024 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-healthcare_coverage
4025 mean_Diastolic_Blood_Pressure>=device_lifetime_length*e^QOLS
4026 mean_Estimated_Glomerular_Filtration_Rate<=healthcare_expenses
4027 mean_Estimated_Glomerular_Filtration_Rate<=Carbon_Dioxide*active_conditions
4028 mean_Estimated_Glomerular_Filtration_Rate<=minimum(healthcare_expenses,sqrt
(Protein_Mass_volume__in_Urine_by_Test_strip))
4029 mean_Estimated_Glomerular_Filtration_Rate<=ceil(latitude)+immunizations_lif
etime_cost
4030 mean_Estimated_Glomerular_Filtration_Rate<=Low_Density_Lipoprotein_Choleste
rol/floor(mean_Creatinine)
4031 mean_Estimated_Glomerular_Filtration_Rate<=1/2*DALY+Estimated_Glomerular_Fi
ltration_Rate
4032 mean_Estimated_Glomerular_Filtration_Rate<=2*healthcare_expenses/encounters
_lifetime_payer_coverage
4033 mean_Estimated_Glomerular_Filtration_Rate<=-healthcare_coverage+healthcare_
expenses
4034 mean_Estimated_Glomerular_Filtration_Rate<=Estimated_Glomerular_Filtration_
Rate+healthcare_coverage
4035 mean_Estimated_Glomerular_Filtration_Rate<=Estimated_Glomerular_Filtration_
Rate+procedures_lifetime_cost
4036 mean_Estimated_Glomerular_Filtration_Rate<=Body_Weight/(mean_Creatinine-1)
4037 mean_Estimated_Glomerular_Filtration_Rate<=Low_Density_Lipoprotein_Choleste
rol^2/lifetime_care_plan_length
4038 mean_Estimated_Glomerular_Filtration_Rate<=Triglycerides-1/2*mean_Microalbu
min_Creatinine_Ratio
4039 mean_Estimated_Glomerular_Filtration_Rate<=maximum(age,Estimated_Glomerular
_Filtration_Rate)
4040 mean_Estimated_Glomerular_Filtration_Rate<=active_care_plans+ceil(Estimated
_Glomerular_Filtration_Rate)
4041 mean_Estimated_Glomerular_Filtration_Rate<=10^healthcare_expenses-
healthcare_coverage
4042
mean_Estimated_Glomerular_Filtration_Rate<=Body_Height^2/medications_lifetime
4043 mean_Estimated_Glomerular_Filtration_Rate<=Estimated_Glomerular_Filtration_

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Rate+e^mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 4044 mean_Estimated_Glomerular_Filtration_Rate>=longitude
 4045 mean_Estimated_Glomerular_Filtration_Rate>=-DALY+2*Respiratory_rate
 4046 mean_Estimated_Glomerular_Filtration_Rate>=Urea_Nitrogen+e^encounters_lifetime_perc_covered
 4047 mean_Estimated_Glomerular_Filtration_Rate>=-2*Creatinine+Estimated_Glomerular_Filtration_Rate
 4048 mean_Estimated_Glomerular_Filtration_Rate>=-healthcare_expenses
 4049 mean_Estimated_Glomerular_Filtration_Rate>=floor(mean_Triglycerides)/mean_Calcium
 4050 mean_Estimated_Glomerular_Filtration_Rate>=healthcare_expenses^longitude
 4051 mean_Estimated_Glomerular_Filtration_Rate>=minimum(active_conditions,Estimated_Glomerular_Filtration_Rate)
 4052
 mean_Estimated_Glomerular_Filtration_Rate>=-Urea_Nitrogen+device_lifetime_length
 4053 mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_Rate/active_care_plans
 4054 mean_Estimated_Glomerular_Filtration_Rate>=active_condition_length-mean_Microalbumin_Creatinine_Ratio
 4055
 mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_Rate-encounters_lifetime_payer_coverage
 4056
 mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_Rate-healthcare_coverage
 4057 mean_Estimated_Glomerular_Filtration_Rate>=1/2*medications_lifetime/mean_Carbon_Dioxide
 4058 mean_Estimated_Glomerular_Filtration_Rate>=floor(DALY)-mean_Calcium
 4059
 mean_Estimated_Glomerular_Filtration_Rate>=(10^healthcare_expenses)^longitude
 4060 mean_Estimated_Glomerular_Filtration_Rate>=minimum(procedures_lifetime_cost,mean_Potassium^2)
 4061 mean_Estimated_Glomerular_Filtration_Rate>=log(encounters_count)^immunizations_lifetime
 4062 mean_Estimated_Glomerular_Filtration_Rate>=Low_Density_Lipoprotein_Cholesterol/log(procedures_lifetime_cost)
 4063 mean_Estimated_Glomerular_Filtration_Rate>=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported/medications_lifetime
 4064
 mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_Rate-log(mean_Systolic_Blood_Pressure)
 4065 mean_Glucose<=healthcare_expenses
 4066 mean_Glucose<=Glucose+procedures_lifetime_cost
 4067 mean_Glucose<=Systolic_Blood_Pressure-1
 4068 mean_Glucose<=maximum(Systolic_Blood_Pressure,Glucose)
 4069 mean_Glucose<=2*Total_Cholesterol/Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 4070 mean_Glucose<=Glucose/QOLS

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4071 mean_Glucose<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-
mean_Systolic_Blood_Pressure
4072 mean_Glucose<=maximum(lifetime_condition_length,Glucose)
4073 mean_Glucose<=-healthcare_coverage+healthcare_expenses
4074 mean_Glucose<=Glucose+healthcare_coverage
4075 mean_Glucose<=Chloride+e^active_care_plans
4076 mean_Glucose<=maximum(Glucose,e^DALY)
4077 mean_Glucose<=mean_Triglycerides^2/Systolic_Blood_Pressure
4078 mean_Glucose<=Glucose^active_care_plans
4079 mean_Glucose<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Pla
sma+floor(age)
4080 mean_Glucose<=log(mean_Potassium)*mean_Heart_rate
4081 mean_Glucose<=1/2*lifetime_condition_length+mean_Estimated_Glomerular_Filtr
ation_Rate
4082 mean_Glucose<=-Potassium+ceil(mean_Systolic_Blood_Pressure)
4083 mean_Glucose<=Creatinine+Triglycerides
4084 mean_Glucose<=maximum(Glucose,DALY^2)
4085 mean_Glucose<=maximum(Glucose,1/imaging_studies_lifetime)
4086 mean_Glucose<=High_Density_Lipoprotein_Cholesterol-longitude
4087 mean_Glucose<=10^healthcare_expenses-healthcare_coverage
4088 mean_Glucose<=minimum(healthcare_expenses,1/2*Platelet_distribution_width__
Entitic_volume__in_Blood_by_Automated_count)
4089 mean_Glucose<=10^QOLS*medications_lifetime_cost
4090 mean_Glucose<=maximum(Glucose,10^DALY)
4091 mean_Glucose<=log(Body_Mass_Index)^Potassium
4092 mean_Glucose<=1/2*Estimated_Glomerular_Filtration_Rate+mean_Low_Density_Lip
oprotein_Cholesterol
4093 mean_Glucose>=latitude
4094 mean_Glucose>=minimum(Glucose,mean_Body_Mass_Index)
4095 mean_Glucose>=minimum(Glucose,mean_High_Density_Lipoprotein_Cholesterol)
4096 mean_Glucose>=Glucose-procedures_lifetime_cost
4097 mean_Glucose>=Glucose^QOLS
4098 mean_Glucose>=sqrt(encounters_lifetime_payer_coverage)-mean_Urea_Nitrogen
4099 mean_Glucose>=-healthcare_expenses
4100 mean_Glucose>=Glucose-encounters_lifetime_payer_coverage
4101 mean_Glucose>=minimum(Heart_rate,Glucose)
4102 mean_Glucose>=active_conditions*log(medications_lifetime_cost)/log(10)
4103 mean_Glucose>=Body_Mass_Index*log(device_lifetime_length)
4104 mean_Glucose>=High_Density_Lipoprotein_Cholesterol+log(procedures_lifetime)
4105 mean_Glucose>=sqrt(medications_lifetime_length)-mean_Respiratory_rate
4106 mean_Glucose>=healthcare_expenses^longitude
4107 mean_Glucose>=Glucose/active_care_plans
4108 mean_Glucose>=minimum(age,Glucose)
4109 mean_Glucose>=2*Protein__Mass_volume__in_Serum,Plasma-age
4110 mean_Glucose>=(mean_Creatinine-1)*mean_Carbon_Dioxide
4111 mean_Glucose>=Glucose+log(Bilirubin_total__Mass_volume__in_Serum,Plasma)
4112 mean_Glucose>=minimum(Diastolic_Blood_Pressure,1/2*medications_lifetime)
4113 mean_Glucose>=Glucose-healthcare_coverage

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4114 mean_Glucose>=minimum(Glucose,1/medications_lifetime_perc_covered)
4115 mean_Glucose>=Heart_rate+log(Microalbumin_Creatinine_Ratio)
4116 mean_Glucose>=e^Globulin_Mass_volume__in_Serum_by_calculation*medications_
active
4117 mean_Glucose>=Urea_Nitrogen*log(encounters_count)
4118 mean_Glucose>=minimum(latitude,10^healthcare_expenses)
4119 mean_Heart_rate<=healthcare_expenses
4120 mean_Heart_rate<=-Respiratory_rate+Systolic_Blood_Pressure
4121 mean_Heart_rate<=maximum(Heart_rate,1/2*Body_Height)
4122 mean_Heart_rate<=maximum(Heart_rate,2*age)
4123 mean_Heart_rate<=Heart_rate+active_condition_length
4124 mean_Heart_rate<=Heart_rate+encounters_count-1
4125 mean_Heart_rate<=-healthcare_coverage+healthcare_expenses
4126 mean_Heart_rate<=Heart_rate/imaging_studies_lifetime
4127 mean_Heart_rate<=Heart_rate+healthcare_coverage
4128 mean_Heart_rate<=Heart_rate+encounters_lifetime_payer_coverage
4129 mean_Heart_rate<=Heart_rate/encounters_lifetime_perc_covered
4130 mean_Heart_rate<=2*Estimated_Glomerular_Filtration_Rate+mean_High_Density_L
ipoprotein_Cholesterol
4131 mean_Heart_rate<=Heart_rate+1/2*active_condition_length
4132 mean_Heart_rate<=Body_Mass_Index+1/2*Triglycerides
4133 mean_Heart_rate<=Estimated_Glomerular_Filtration_Rate+1/2*Triglycerides
4134 mean_Heart_rate<=age+floor(mean_Estimated_Glomerular_Filtration_Rate)
4135 mean_Heart_rate<=maximum(Heart_rate,1/num_allergies)
4136 mean_Heart_rate<=ceil(mean_Glucose)+medications_lifetime_dispenses
4137 mean_Heart_rate<=(Systolic_Blood_Pressure-1)*Creatinine
4138 mean_Heart_rate<=maximum(Heart_rate,2*lifetime_condition_length)
4139 mean_Heart_rate<=maximum(Glucose,Estimated_Glomerular_Filtration_Rate)
4140 mean_Heart_rate<=10^QOLS*Heart_rate
4141 mean_Heart_rate<=10^Pain_severity__0_10_verbal_numeric_rating__Score____Re
ported*Heart_rate
4142 mean_Heart_rate<=High_Density_Lipoprotein_Cholesterol^2/Urea_Nitrogen
4143 mean_Heart_rate<=Estimated_Glomerular_Filtration_Rate*active_care_plans^2
4144
mean_Heart_rate<=maximum(mean_Glucose,1/2*Estimated_Glomerular_Filtration_Rate)
4145 mean_Heart_rate<=minimum(healthcare_expenses,2*Alkaline_phosphatase__Enzyma
tic_activity_volume__in_Serum,Plasma)
4146
mean_Heart_rate<=sqrt(encounters_count)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
4147 mean_Heart_rate<=-active_conditions+mean_Chloride-1
4148 mean_Heart_rate<=(QOLS+1)*Heart_rate
4149
mean_Heart_rate<=Body_Mass_Index*log(mean_Estimated_Glomerular_Filtration_Rate)
4150 mean_Heart_rate>=latitude
4151 mean_Heart_rate>=minimum(active_care_plan_length,Heart_rate)
4152
mean_Heart_rate>=log(mean_Low_Density_Lipoprotein_Cholesterol)/log(10)-longitude
4153 mean_Heart_rate>=-healthcare_expenses

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4154 mean_Heart_rate>=Heart_rate-lifetime_conditions
4155 mean_Heart_rate>=-Heart_rate+ceil(mean_Low_Density_Lipoprotein_Cholesterol)
4156 mean_Heart_rate>=DALY+1/2*mean_Body_Weight
4157 mean_Heart_rate>=minimum(Heart_rate,High_Density_Lipoprotein_Cholesterol)
4158 mean_Heart_rate>=QALY+mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported+1
4159 mean_Heart_rate>=healthcare_expenses^longitude
4160 mean_Heart_rate>=mean_Glucose^2/mean_Triglycerides
4161 mean_Heart_rate>=Calcium^2/medications_lifetime
4162 mean_Heart_rate>=Heart_rate-encounters_lifetime_payer_coverage
4163 mean_Heart_rate>=floor(active_condition_length)+mean_Calcium
4164 mean_Heart_rate>=Heart_rate^encounters_lifetime_perc_covered
4165 mean_Heart_rate>=Heart_rate-procedures_lifetime_cost
4166 mean_Heart_rate>=sqrt(medications_lifetime_length)-High_Density_Lipoprotein_Cholesterol
4167 mean_Heart_rate>=Heart_rate^imaging_studies_lifetime
4168 mean_Heart_rate>=log(Triglycerides)*procedures_lifetime
4169 mean_Heart_rate>=1/2*Diastolic_Blood_Pressure+device_lifetime_length
4170 mean_Heart_rate>=Heart_rate^QOLS
4171 mean_Heart_rate>=minimum(latitude,10^healthcare_expenses)
4172 mean_Heart_rate>=Heart_rate-active_care_plan_length
4173 mean_Heart_rate>=minimum(Heart_rate,Estimated_Glomerular_Filtration_Rate)
4174
mean_Heart_rate>=minimum(Heart_rate,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4175 mean_Heart_rate>=Heart_rate-mean_Respiratory_rate
4176 mean_Heart_rate>=2*Body_Weight/Hemoglobin_A1c_Hemoglobin_total_in_Blood
4177 mean_Heart_rate>=Heart_rate-healthcare_coverage
4178 mean_Heart_rate>=e^Potassium-mean_Diastolic_Blood_Pressure
4179 mean_Heart_rate>=-Microalbumin_Creatinine_Ratio+ceil(mean_Microalbumin_Creatinine_Ratio)
4180 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=healthcare_expenses
4181 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/medications_lifetime_perc_covered)
4182 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^active_care_plans
4183 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Urea_Nitrogen-1
4184 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+healthcare_coverage
4185 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=-healthcare_coverage+healthcare_expenses
4186 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Pain_severity___0_10_verbal_numeric_rating__Score___Reported
4187 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood/imaging_studies_lifetime
4188 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(lifetime_conditions,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4189 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+immunizations_lifetime

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4190 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood+encounters_lifetime_payer_coverage
 4191 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,1/device_lifetime_length)
 4192 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood+procedures_lifetime
 4193 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/Microalbumin_Creatinine_Ra
 tio+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4194 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood/QOLS
 4195 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(DALY,Hemoglobin_A1c_
 Hemoglobin_total_in_Blood)
 4196 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,1/2*DALY)
 4197 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Creatinine,ceil
 (Hemoglobin_A1c_Hemoglobin_total_in_Blood))
 4198 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=10^healthcare_expenses-
 healthcare_coverage
 4199 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=longitude
 4200 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=floor(Hemoglobin_A1c_Hemoglo
 bin_total_in_Blood)
 4201 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*Potassium
 4202 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/longitude+Hemoglobin_A1c_H
 emoglobin_total_in_Blood
 4203
 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=healthcare_expenses^longitude
 4204 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(immunizations_lifeti
 me_cost,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4205 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood^imaging_studies_lifetime
 4206 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_expenses
 4207 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,log(latitude))
 4208 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood-healthcare_coverage
 4209 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood-medications_lifetime_perc_covered
 4210 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(10^healthcare_expenses)^lon
 gitude
 4211 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=2*Body_Weight-
 mean_Total_Cholesterol
 4212 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,-Triglycerides)
 4213 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=log(Creatinine)*medications_
 active/log(10)
 4214 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood-encounters_lifetime_payer_coverage
 4215 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to

tal_in_Blood/active_care_plans
 4216 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(device_lifetime_length,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4217 mean_High_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 4218 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+active_conditions-1
 4219 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+active_care_plan_length
 4220 mean_High_Density_Lipoprotein_Cholesterol<=maximum(lifetime_condition_length,High_Density_Lipoprotein_Cholesterol)
 4221 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+healthcare_coverage
 4222 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol/imaging_studies_lifetime
 4223 mean_High_Density_Lipoprotein_Cholesterol<=maximum(lifetime_care_plan_length,High_Density_Lipoprotein_Cholesterol)
 4224 mean_High_Density_Lipoprotein_Cholesterol<=Potassium^2+Glomerular_filtration_rate_1_73_sq_M_predicted
 4225
 mean_High_Density_Lipoprotein_Cholesterol<=floor(mean_Diastolic_Blood_Pressure)
 4226 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+procedures_lifetime_cost
 4227 mean_High_Density_Lipoprotein_Cholesterol<=-healthcare_coverage+healthcare_expenses
 4228 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+floor(DALY)
 4229 mean_High_Density_Lipoprotein_Cholesterol<=Heart_rate+ceil(Creatinine)
 4230 mean_High_Density_Lipoprotein_Cholesterol<=maximum(Systolic_Blood_Pressure,High_Density_Lipoprotein_Cholesterol)
 4231 mean_High_Density_Lipoprotein_Cholesterol<=-device_lifetime_length+floor(Body_Weight)
 4232 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein_Cholesterol,Globulin_Mass_volume_in_Serum_by_calculation)
 4233 mean_High_Density_Lipoprotein_Cholesterol<=2*Systolic_Blood_Pressure-mean_Triglycerides
 4234 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+2*active_care_plans
 4235 mean_High_Density_Lipoprotein_Cholesterol<=sqrt(Protein_Mass_volume_in_Serum,Plasma)^mean_Creatinine
 4236 mean_High_Density_Lipoprotein_Cholesterol<=10^healthcare_expenses-healthcare_coverage
 4237 mean_High_Density_Lipoprotein_Cholesterol<=Heart_rate+mean_Pain_severity___0_10_verbal_numeric_rating_Score___Reported+1
 4238 mean_High_Density_Lipoprotein_Cholesterol<=maximum(High_Density_Lipoprotein_Cholesterol,active_conditions^2)
 4239 mean_High_Density_Lipoprotein_Cholesterol<=QALY+ceil(mean_Estimated_Glomerular_Filtration_Rate)
 4240 mean_High_Density_Lipoprotein_Cholesterol<=1/2*Estimated_Glomerular_Filtration_Rate

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ion_Rate+lifetime_care_plan_length
4241 mean_High_Density_Lipoprotein_Cholesterol>=longitude
4242 mean_High_Density_Lipoprotein_Cholesterol>=sqrt(mean_Urea_Nitrogen)*procedu
res_lifetime
4243
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
procedures_lifetime_cost
4244
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
active_care_plan_length
4245 mean_High_Density_Lipoprotein_Cholesterol>=active_condition_length-
mean_Estimated_Glomerular_Filtration_Rate+1
4246 mean_High_Density_Lipoprotein_Cholesterol>=minimum(latitude,High_Density_Li
poprotein_Cholesterol)
4247 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholest
erol/medications_lifetime
4248 mean_High_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
4249 mean_High_Density_Lipoprotein_Cholesterol>=(Microalbumin_Creatinine_Ratio+1
)^QOLS
4250 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4251
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
healthcare_coverage
4252
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
mean_Urea_Nitrogen+1
4253 mean_High_Density_Lipoprotein_Cholesterol>=(mean_Sodium+1)/Hemoglobin_A1c_H
emoglobin_total_in_Blood
4254
mean_High_Density_Lipoprotein_Cholesterol>=(10^healthcare_expenses)^longitude
4255 mean_High_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
4256 mean_High_Density_Lipoprotein_Cholesterol>=(Triglycerides+1)/Hemoglobin_A1c
_Hemoglobin_total_in_Blood
4257 mean_High_Density_Lipoprotein_Cholesterol>=Pain_severity___0_10_verbal_nume
ric_rating__Score___Reported*sqrt(encounters_count)
4258
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
encounters_lifetime_payer_coverage
4259 mean_High_Density_Lipoprotein_Cholesterol>=(medications_lifetime+1)/mean_Ca
rbon_Dioxide
4260 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,Estimated_Glomerular_Filtration_Rate)
4261 mean_High_Density_Lipoprotein_Cholesterol>=sqrt(QALY)*active_care_plans
4262 mean_High_Density_Lipoprotein_Cholesterol>=(log(lifetime_care_plan_length)/
log(10))^Potassium
4263 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,10^immunizations_lifetime)

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4264 mean_High_Density_Lipoprotein_Cholesterol>=(Calcium-1)*Creatinine
 4265
 mean_High_Density_Lipoprotein_Cholesterol>=log(medications_lifetime_cost)/QOLS
 4266 mean_Low_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 4267 mean_Low_Density_Lipoprotein_Cholesterol<=-active_care_plan_length+2*mean_C
 hloride
 4268 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime,Low_
 Density_Lipoprotein_Cholesterol)
 4269 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_C
 holesterol,Sodium+1)
 4270 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_C
 holesterol,DALY^2)
 4271 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholester
 ol+active_care_plan_length
 4272 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(lifetime_condition_length
 ,Low_Density_Lipoprotein_Cholesterol)
 4273 mean_Low_Density_Lipoprotein_Cholesterol<=Carbon_Dioxide+floor(Low_Density_
 Lipoprotein_Cholesterol)
 4274
 mean_Low_Density_Lipoprotein_Cholesterol<=Triglycerides+2*mean_Respiratory_rate
 4275 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholester
 ol+healthcare_coverage
 4276 mean_Low_Density_Lipoprotein_Cholesterol<=-longitude+mean_Diastolic_Blood_P
 ressure-1
 4277 mean_Low_Density_Lipoprotein_Cholesterol<=-healthcare_coverage+healthcare_e
 xpenses
 4278 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholester
 ol^medications_lifetime
 4279 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholester
 ol+procedures_lifetime_cost
 4280 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholester
 ol+e^Creatinine
 4281 mean_Low_Density_Lipoprotein_Cholesterol<=2*High_Density_Lipoprotein_Choles
 terol/medications_lifetime_perc_covered
 4282 mean_Low_Density_Lipoprotein_Cholesterol<=e^Hemoglobin_A1c_Hemoglobin_total
 _in_Blood*mean_Calcium
 4283 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_C
 holesterol,e^DALY)
 4284 mean_Low_Density_Lipoprotein_Cholesterol<=-Potassium+2*mean_Heart_rate
 4285 mean_Low_Density_Lipoprotein_Cholesterol<=10^healthcare_expenses-
 healthcare_coverage
 4286 mean_Low_Density_Lipoprotein_Cholesterol<=-immunizations_lifetime_cost+2*me
 an_Total_Cholesterol
 4287 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_C
 holesterol,10^active_care_plans)
 4288 mean_Low_Density_Lipoprotein_Cholesterol<=Heart_rate*log(Calcium)
 4289 mean_Low_Density_Lipoprotein_Cholesterol<=mean_Systolic_Blood_Pressure^2/He
 art_rate

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4290 mean_Low_Density_Lipoprotein_Cholesterol>=latitude
4291 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(age,Low_Density_Lipoprote
in_Cholesterol)
4292
mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-
procedures_lifetime_cost
4293 mean_Low_Density_Lipoprotein_Cholesterol>=e^mean_Creatinine*immunizations_l
ifetime
4294
mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-
active_care_plan_length
4295 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_C
holesterol,Estimated_Glomerular_Filtration_Rate)
4296 mean_Low_Density_Lipoprotein_Cholesterol>=(encounters_lifetime_payer_covera
ge+1)/Systolic_Blood_Pressure
4297 mean_Low_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
4298
mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-
encounters_lifetime_payer_coverage
4299 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Heart_rate,Low_Density_Li
poprotein_Cholesterol)
4300 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholester
ol^imaging_studies_lifetime
4301 mean_Low_Density_Lipoprotein_Cholesterol>=(medications_lifetime_perc_covere
d+1)*Estimated_Glomerular_Filtration_Rate
4302 mean_Low_Density_Lipoprotein_Cholesterol>=sqrt(Alkaline_phosphatase__Enzyma
tic_activity_volume__in_Serum,Plasma)*active_conditions
4303 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholester
ol/medications_lifetime
4304 mean_Low_Density_Lipoprotein_Cholesterol>=lifetime_care_plan_length*log(dev
ice_lifetime_length)/log(10)
4305 mean_Low_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
4306 mean_Low_Density_Lipoprotein_Cholesterol>=(1/2*Creatinine)^mean_Potassium
4307 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_C
holesterol,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4308 mean_Low_Density_Lipoprotein_Cholesterol>=encounters_count*log(Pain_severit
y__0_10_verbal_numeric_rating__Score___Reported)/log(10)
4309 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(encounters_count,Body_Wei
ght-1)
4310 mean_Low_Density_Lipoprotein_Cholesterol>=Microalbumin_Creatinine_Ratio-
mean_Microalbumin_Creatinine_Ratio+1
4311
mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-
healthcare_coverage
4312
mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-
mean_Carbon_Dioxide-1
4313 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(latitude,10^healthcare_ex

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penses)

4314 $\text{mean_Low_Density_Lipoprotein_Cholesterol} \geq \text{Glucose} * \log(\text{procedures_lifetime}) / \log(10)$

4315 $\text{mean_Low_Density_Lipoprotein_Cholesterol} \geq \text{mean_Potassium}^2 / \text{QOLS}$

4316 $\text{mean_Low_Density_Lipoprotein_Cholesterol} \geq -\text{Carbon_Dioxide} + 1/2 * \text{Microalbumin_Creatinine_Ratio}$

4317 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{healthcare_expenses}$

4318 $\text{mean_Microalbumin_Creatinine_Ratio} \leq (\log(\text{mean_Heart_rate}) / \log(10))^{\text{active_conditions}}$

4319 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Body_Mass_Index}^{\text{floor}(\text{mean_Creatinine})}$

4320 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Microalbumin_Creatinine_Ratio}^{\text{active_care_plans}}$

4321 $\text{mean_Microalbumin_Creatinine_Ratio} \leq (\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} - 1)^{\text{active_conditions}}$

4322 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Microalbumin_Creatinine_Ratio} + \text{encounters_lifetime_payer_coverage}$

4323 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Microalbumin_Creatinine_Ratio} + \text{procedures_lifetime_cost}$

4324 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Body_Height} + 1/2 * \text{Systolic_Blood_Pressure}$

4325 $\text{mean_Microalbumin_Creatinine_Ratio} \leq -\text{healthcare_coverage} + \text{healthcare_expenses}$

4326 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} + 2 * \text{mean_Low_Density_Lipoprotein_Cholesterol}$

4327 $\text{mean_Microalbumin_Creatinine_Ratio} \leq 10^{\text{Creatinine} + \text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}}$

4328 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Microalbumin_Creatinine_Ratio} + \text{healthcare_coverage}$

4329 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Microalbumin_Creatinine_Ratio} + \text{floor}(\text{mean_Heart_rate})$

4330 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{minimum}(\text{healthcare_expenses}, 2 * \text{mean_Protein_Mass_volume_in_Serum, Plasma})$

4331 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \log(\text{mean_Urea_Nitrogen}) / \log(10) + \text{mean_Total_Cholesterol}$

4332 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Calcium} * e^{\text{Creatinine}}$

4333 $\text{mean_Microalbumin_Creatinine_Ratio} \leq \text{Low_Density_Lipoprotein_Cholesterol} / \sqrt{\text{device_lifetime_length}}$

4334 $\text{mean_Microalbumin_Creatinine_Ratio} \leq 1/2 * \text{Urea_Nitrogen} * \text{latitude}$

4335 $\text{mean_Microalbumin_Creatinine_Ratio} \leq 10^{\text{healthcare_expenses} - \text{healthcare_coverage}}$

4336 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{longitude}$

4337 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{Microalbumin_Creatinine_Ratio} / \text{active_care_plans}$

4338 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{Microalbumin_Creatinine_Ratio} - 1/2 * \text{medications_lifetime}$

4339 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{Microalbumin_Creatinine_Ratio} - \text{healthcare_coverage}$

4340 $\text{mean_Microalbumin_Creatinine_Ratio} \geq \text{minimum}(\text{immunizations_lifetime_cost}, \text{Microalbumin_Creatinine_Ratio})$


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4341 mean_Microalbumin_Creatinine_Ratio>=healthcare_expenses^longitude
4342 mean_Microalbumin_Creatinine_Ratio>=-healthcare_expenses
4343 mean_Microalbumin_Creatinine_Ratio>=minimum(active_conditions, Microalbumin_
Creatinine_Ratio)
4344 mean_Microalbumin_Creatinine_Ratio>=Microalbumin_Creatinine_Ratio-
mean_Low_Density_Lipoprotein_Cholesterol+1
4345 mean_Microalbumin_Creatinine_Ratio>=(log(active_condition_length)/log(10))^
medications_active
4346 mean_Microalbumin_Creatinine_Ratio>=log(medications_lifetime)*procedures_li
fetime/log(10)
4347 mean_Microalbumin_Creatinine_Ratio>=(log(Urea_Nitrogen)/log(10))^active_con
ditions
4348 mean_Microalbumin_Creatinine_Ratio>=-active_care_plan_length+1/2*encounters
_count
4349 mean_Microalbumin_Creatinine_Ratio>=ceil(Low_Density_Lipoprotein_Cholestero
l)^medications_lifetime_perc_covered
4350 mean_Microalbumin_Creatinine_Ratio>=e^mean_Creatinine-
mean_High_Density_Lipoprotein_Cholesterol
4351 mean_Microalbumin_Creatinine_Ratio>=(10^healthcare_expenses)^longitude
4352 mean_Microalbumin_Creatinine_Ratio>=minimum(Microalbumin_Creatinine_Ratio,i
mmunizations_lifetime_cost+1)
4353 mean_Microalbumin_Creatinine_Ratio>=minimum(Microalbumin_Creatinine_Ratio,1
/medications_lifetime_perc_covered)
4354 mean_Microalbumin_Creatinine_Ratio>=procedures_lifetime^2-Body_Weight
4355 mean_Microalbumin_Creatinine_Ratio>=-Low_Density_Lipoprotein_Cholesterol^2+
medications_lifetime_length
4356
mean_Microalbumin_Creatinine_Ratio>=(mean_Creatinine^2)^immunizations_lifetime
4357 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=healthc
are_expenses
4358 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Cr
eatinine)+medications_active
4359 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported+active_care_plans
4360 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=encount
ers_count^2
4361 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=encount
ers_count/encounters_lifetime_perc_covered
4362 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(He
moglobin_A1c_Hemoglobin_total_in_Blood)
4363 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported+active_conditions
4364 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=encount
ers_lifetime_payer_coverage+floor(DALY)
4365 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(1
0^Creatinine)
4366 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=e^Urea_
Nitrogen/medications_lifetime_dispenses

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4367 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(medications_lifetime_dispenses-1)/mean_Microalbumin_Creatinine_Ratio
 4368 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Microalbumin_Creatinine_Ratio)
 4369 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-health_care_coverage+healthcare_expenses
 4370 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(health_care_expenses-1)/healthcare_coverage
 4371 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Respiratory_rate-lifetime_care_plans
 4372 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=QALY^2/Sodium
 4373 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(lifetime_conditions,Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 4374 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,1/num_allergies)
 4375 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Respiratory_rate,Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 4376 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Creatinine,floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood))
 4377 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*Calcium/mean_Creatinine
 4378 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(Systolic_Blood_Pressure+1)/device_lifetime_length
 4379 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-Glucose+Triglycerides
 4380 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(active_care_plans-1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4381 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,medications_lifetime+1)
 4382 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medications_lifetime/num_allergies
 4383 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_plans+floor(Creatinine)
 4384 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medications_lifetime_dispenses/Creatinine
 4385 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(active_care_plans,1/num_allergies)
 4386 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,e^active_care_plans)
 4387 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*mean_Calcium-procedures_lifetime
 4388 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_plans*log(mean_Estimated_Glomerular_Filtration_Rate)/log(10)
 4389 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se

verity___0_10_verbal_numeric_rating__Score____Reported*e^medications_lifetime_length
 4390 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
 (Pain_severity___0_10_verbal_numeric_rating__Score____Reported,10^medications_active)
 4391 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^medications_lifetime_dispenses*Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 4392 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
 (Pain_severity___0_10_verbal_numeric_rating__Score____Reported,active_conditions^2)
 4393 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=e^(10^lifetime_care_plans)
 4394 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=QALY^2/medications_lifetime
 4395 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
 (Triglycerides,Pain_severity___0_10_verbal_numeric_rating__Score____Reported^2)
 4396
 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude
 4397 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=imaging_studies_lifetime
 4398 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-health_care_expenses
 4399 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(num_allergies)
 4400 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=num_allergies-1
 4401 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
 (device_lifetime_length,Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 4402 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Diastolic_Blood_Pressure-mean_Chloride+1
 4403 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_conditions+lifetime_care_plans
 4404 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=healthcare_expenses^longitude
 4405 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude^procedures_lifetime_cost
 4406 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=num_allergies^immunizations_lifetime
 4407 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_care_plans-healthcare_coverage+1
 4408 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_care_plans-encounters_lifetime_payer_coverage
 4409 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_care_plans-medications_lifetime
 4410 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(mean_Low_Density_Lipoprotein_Cholesterol)-mean_Urea_Nitrogen

4411 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported^encounters_lifetime_perc_covered
 4412 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Creatinine+Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 4413 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(device_lifetime_length,log(Calcium))
 4414 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported-active_conditions
 4415 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(procedures_lifetime+1)^Bilirubin_total__Mass_volume__in_Urine_by_Test_strip
 4416 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,e^encounters_lifetime_perc_covered)
 4417 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-encounters_count+procedures_lifetime+1
 4418 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Respiratory_rate+ceil(mean_Respiratory_rate)
 4419 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Potassium+log(encounters_count)
 4420 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Creatinine*log(Pain_severity___0_10_verbal_numeric_rating__Score____Reported)/log(10)
 4421 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(1/2*mean_Creatinine)
 4422 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(10^healthcare_expenses)^longitude
 4423 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,10^num_allergies)
 4424 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=2*active_care_plan_length-mean_Triglycerides
 4425 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Respiratory_rate+active_conditions-1
 4426 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(High_Density_Lipoprotein_Cholesterol)-mean_Heart_rate
 4427 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(Creatinine)-procedures_lifetime
 4428 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=log(Body_Height)/log(10)-medications_lifetime_cost
 4429 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(Globulin__Mass_volume__in_Serum_by_calculation)^immunizations_lifetime
 4430 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-encounters_count+log(medications_lifetime_length)
 4431 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,1/2*medications_active)
 4432 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Diastolic_Blood_Pressure+ceil(QALY)
 4433 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum

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(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Respiratory_rate
)
4434 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(Pa
in_severity___0_10_verbal_numeric_rating__Score____Reported)/Creatinine
4435 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(medications_active,Pain_severity___0_10_verbal_numeric_rating__Score____Reporte
d-1)
4436 mean_Potassium<=healthcare_expenses
4437 mean_Potassium<=Potassium+procedures_lifetime
4438 mean_Potassium<=maximum(active_conditions,Potassium)
4439 mean_Potassium<=DALY*Respiratory_rate
4440 mean_Potassium<=e^mean_Pain_severity___0_10_verbal_numeric_rating__Score____
_Reported+immunizations_lifetime_cost
4441 mean_Potassium<=2*Triglycerides-encounters_count
4442 mean_Potassium<=sqrt(mean_Calcium)/encounters_lifetime_perc_covered
4443 mean_Potassium<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
4444 mean_Potassium<=Potassium+encounters_lifetime_payer_coverage
4445 mean_Potassium<=maximum(DALY,Potassium)
4446 mean_Potassium<=sqrt(QOLS)+Albumin__Mass_volume__in_Serum,Plasma
4447 mean_Potassium<=-healthcare_coverage+healthcare_expenses
4448 mean_Potassium<=Potassium+healthcare_coverage
4449 mean_Potassium<=maximum(Respiratory_rate,Potassium)
4450 mean_Potassium<=floor(age)/procedures_lifetime
4451 mean_Potassium<=Potassium/QOLS
4452 mean_Potassium<=maximum(medications_lifetime,Potassium)
4453 mean_Potassium<=maximum(Triglycerides,Potassium)
4454 mean_Potassium<=mean_Urea_Nitrogen^2/mean_Respiratory_rate
4455
mean_Potassium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+floor(mean_Creatinine)
4456 mean_Potassium<=10^QOLS+Hemoglobin_A1c_Hemoglobin_total_in_Blood
4457
mean_Potassium<=Glomerular_filtration_rate_1_73_sq_M_predicted^2/Triglycerides
4458 mean_Potassium<=mean_Carbon_Dioxide^2/Glucose
4459 mean_Potassium<=Potassium^active_care_plans
4460 mean_Potassium<=minimum(Estimated_Glomerular_Filtration_Rate,log(Systolic_B
lood_Pressure))
4461 mean_Potassium<=1/2*Heart_rate-mean_Carbon_Dioxide
4462 mean_Potassium<=10^healthcare_expenses-healthcare_coverage
4463 mean_Potassium<=sqrt(mean_Estimated_Glomerular_Filtration_Rate)+Pain_severi
ty___0_10_verbal_numeric_rating__Score____Reported
4464 mean_Potassium<=QALY^2/mean_Triglycerides
4465 mean_Potassium<=maximum(Potassium,DALY-1)
4466 mean_Potassium<=Potassium*log(Respiratory_rate)/log(10)
4467 mean_Potassium>=longitude
4468 mean_Potassium>=Potassium-procedures_lifetime
4469 mean_Potassium>=floor(sqrt(Urea_Nitrogen))
4470 mean_Potassium>=log(Protein__Mass_volume__in_Serum,Plasma+1)
4471 mean_Potassium>=minimum(Potassium,log(age))

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4472 mean_Potassium>=-healthcare_expenses
4473 mean_Potassium>=Potassium^QOLS
4474
mean_Potassium>=log(device_lifetime_length)+medications_lifetime_perc_covered
4475 mean_Potassium>=(log(encounters_lifetime_payer_coverage)/log(10))^mean_Bili
rubin_total__Mass_volume__in_Serum,Plasma
4476 mean_Potassium>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported,Potassium)
4477 mean_Potassium>=healthcare_expenses^longitude
4478 mean_Potassium>=sqrt(procedures_lifetime+1)
4479 mean_Potassium>=2*lifetime_care_plan_length/medications_lifetime_cost
4480 mean_Potassium>=Potassium-healthcare_coverage
4481 mean_Potassium>=Potassium/active_care_plans
4482 mean_Potassium>=Albumin__Mass_volume__in_Serum,Plasma-1
4483 mean_Potassium>=Sodium-mean_Sodium+1
4484 mean_Potassium>=2*Low_Density_Lipoprotein_Cholesterol/Heart_rate
4485 mean_Potassium>=procedures_lifetime^2/mean_Microalbumin_Creatinine_Ratio
4486 mean_Potassium>=2*immunizations_lifetime_cost/mean_Triglycerides
4487 mean_Potassium>=encounters_count/mean_Diastolic_Blood_Pressure
4488 mean_Potassium>=minimum(Potassium,mean_Pain_severity___0_10_verbal_numeric_
rating__Score____Reported)
4489 mean_Potassium>=Calcium^2/Carbon_Dioxide
4490 mean_Potassium>=-Creatinine+medications_active
4491 mean_Potassium>=Potassium-encounters_lifetime_payer_coverage
4492 mean_Potassium>=minimum(device_lifetime_length,Potassium)
4493 mean_Potassium>=log(QOLS)+mean_Creatinine
4494 mean_Potassium>=(Calcium+1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
4495
mean_Potassium>=2*Diastolic_Blood_Pressure/High_Density_Lipoprotein_Cholesterol
4496 mean_Potassium>=-Urea_Nitrogen+mean_Urea_Nitrogen
4497 mean_Potassium>=(10^healthcare_expenses)^longitude
4498 mean_QALY<=QALY
4499 mean_QALY>=QALY
4500 mean_QOLS<=QOLS
4501 mean_QOLS>=QOLS
4502 mean_Respiratory_rate<=healthcare_expenses
4503 mean_Respiratory_rate<=Respiratory_rate+active_care_plans
4504 mean_Respiratory_rate<=Respiratory_rate+procedures_lifetime
4505 mean_Respiratory_rate<=1/encounters_lifetime_perc_covered+Respiratory_rate
4506 mean_Respiratory_rate<=Pain_severity___0_10_verbal_numeric_rating__Score____
_Reported+Respiratory_rate
4507 mean_Respiratory_rate<=maximum(active_care_plan_length,Respiratory_rate)
4508 mean_Respiratory_rate<=Respiratory_rate+immunizations_lifetime_cost
4509 mean_Respiratory_rate<=Respiratory_rate+active_conditions
4510 mean_Respiratory_rate<=maximum(encounters_count,Respiratory_rate)
4511 mean_Respiratory_rate<=-healthcare_coverage+healthcare_expenses
4512 mean_Respiratory_rate<=Respiratory_rate+encounters_lifetime_payer_coverage
4513 mean_Respiratory_rate<=Respiratory_rate/QOLS

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4514 mean_Respiratory_rate<=Respiratory_rate/imaging_studies_lifetime
4515 mean_Respiratory_rate<=Calcium+active_conditions
4516 mean_Respiratory_rate<=floor(Estimated_Glomerular_Filtration_Rate)/immuniza
tions_lifetime
4517 mean_Respiratory_rate<=maximum(Respiratory_rate,10^active_care_plans)
4518 mean_Respiratory_rate<=-Heart_rate+Systolic_Blood_Pressure
4519 mean_Respiratory_rate<=-Creatinine+floor(Carbon_Dioxide)
4520 mean_Respiratory_rate<=Carbon_Dioxide-active_care_plans-1
4521 mean_Respiratory_rate<=Respiratory_rate+healthcare_coverage
4522 mean_Respiratory_rate<=maximum(Respiratory_rate,e^active_care_plans)
4523 mean_Respiratory_rate<=10^Creatinine+medications_lifetime_length
4524 mean_Respiratory_rate<=QOLS*ceil(High_Density_Lipoprotein_Cholesterol)
4525
mean_Respiratory_rate<=sqrt(High_Density_Lipoprotein_Cholesterol)+Urea_Nitrogen
4526 mean_Respiratory_rate<=ceil(Potassium)^2
4527 mean_Respiratory_rate<=-Glucose+mean_Sodium-1
4528 mean_Respiratory_rate<=ceil(latitude)-procedures_lifetime
4529 mean_Respiratory_rate<=maximum(Respiratory_rate,2*active_conditions)
4530 mean_Respiratory_rate<=2*encounters_count+procedures_lifetime_cost
4531 mean_Respiratory_rate<=-Calcium+ceil(Body_Mass_Index)
4532 mean_Respiratory_rate>=longitude
4533 mean_Respiratory_rate>=Respiratory_rate-1
4534 mean_Respiratory_rate>=ceil(sqrt(Systolic_Blood_Pressure))
4535 mean_Respiratory_rate>=sqrt(lifetime_care_plan_length)-encounters_lifetime_
perc_covered
4536 mean_Respiratory_rate>=-Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported+Respiratory_rate
4537 mean_Respiratory_rate>=sqrt(active_condition_length)+Potassium
4538 mean_Respiratory_rate>=2*active_care_plans+1
4539 mean_Respiratory_rate>=healthcare_expenses^longitude
4540 mean_Respiratory_rate>=-healthcare_expenses
4541 mean_Respiratory_rate>=minimum(procedures_lifetime,Respiratory_rate)
4542 mean_Respiratory_rate>=sqrt(1/2)*sqrt(immunizations_lifetime_cost)
4543 mean_Respiratory_rate>=Respiratory_rate-active_conditions
4544 mean_Respiratory_rate>=active_care_plans*num_allergies
4545 mean_Respiratory_rate>=-active_care_plans+lifetime_conditions
4546 mean_Respiratory_rate>=sqrt(medications_lifetime_dispenses)-latitude
4547 mean_Respiratory_rate>=Respiratory_rate-healthcare_coverage
4548 mean_Respiratory_rate>=Respiratory_rate-encounters_lifetime_payer_coverage
4549 mean_Respiratory_rate>=Respiratory_rate^encounters_lifetime_perc_covered
4550 mean_Respiratory_rate>=Respiratory_rate^imaging_studies_lifetime
4551 mean_Respiratory_rate>=1/2*Chloride/mean_Potassium
4552 mean_Respiratory_rate>=Low_Density_Lipoprotein_Cholesterol-mean_Sodium-1
4553 mean_Respiratory_rate>=(Estimated_Glomerular_Filtration_Rate+1)^medications
_lifetime_perc_covered
4554 mean_Respiratory_rate>=2*medications_active-1
4555 mean_Respiratory_rate>=minimum(Respiratory_rate,10^num_allergies)
4556 mean_Respiratory_rate>=(log(QALY)/log(10))^mean_Creatinine

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4557 mean_Respiratory_rate>=floor(1/2*Carbon_Dioxide)
4558 mean_Respiratory_rate>=(10^healthcare_expenses)^longitude
4559 mean_Respiratory_rate>=2*longitude+mean_Low_Density_Lipoprotein_Cholesterol
4560 mean_Respiratory_rate>=minimum(Respiratory_rate,Pain_severity___0_10_verbal
_numeric_rating__Score___Reported^2)
4561 mean_Respiratory_rate>=sqrt(active_care_plans)^Globulin__Mass_volume__in_Se
rum_by_calculation
4562 mean_Sodium<=healthcare_expenses
4563 mean_Sodium<=Sodium+healthcare_coverage
4564 mean_Sodium<=-Microalbumin_Creatinine_Ratio+2*mean_Total_Cholesterol
4565 mean_Sodium<=(2*mean_Potassium)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
4566 mean_Sodium<=Sodium+log(active_care_plan_length)
4567 mean_Sodium<=maximum(lifetime_condition_length,Sodium)
4568 mean_Sodium<=Sodium+procedures_lifetime_cost
4569 mean_Sodium<=Sodium^active_care_plans
4570 mean_Sodium<=(encounters_lifetime_perc_covered+1)*mean_Triglycerides
4571 mean_Sodium<=Urea_Nitrogen*mean_Potassium^2
4572 mean_Sodium<=-healthcare_coverage+healthcare_expenses
4573 mean_Sodium<=maximum(Body_Height,Sodium)
4574 mean_Sodium<=Bilirubin_total__Mass_volume__in_Serum,Plasma^2+Sodium
4575 mean_Sodium<=1/medications_lifetime_perc_covered+Sodium
4576 mean_Sodium<=mean_Systolic_Blood_Pressure/medications_lifetime_perc_covered
4577 mean_Sodium<=Diastolic_Blood_Pressure-longitude-1
4578 mean_Sodium<=1/2*Body_Weight+mean_Chloride
4579 mean_Sodium<=maximum(Sodium,e^DALY)
4580 mean_Sodium<=10^healthcare_expenses-healthcare_coverage
4581 mean_Sodium<=2*Heart_rate+mean_Respiratory_rate
4582 mean_Sodium<=2*Body_Weight-active_care_plans
4583 mean_Sodium<=-active_conditions+ceil(Total_Cholesterol)
4584 mean_Sodium<=maximum(Total_Cholesterol,abs(Sodium))
4585 mean_Sodium>=latitude
4586 mean_Sodium>=minimum(Sodium,Estimated_Glomerular_Filtration_Rate)
4587 mean_Sodium>=Sodium-mean_Potassium+1
4588 mean_Sodium>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+ceil(Sodium)
4589 mean_Sodium>=sqrt(encounters_lifetime_payer_coverage)+Aspartate_aminotransf
erase__Enzymatic_activity_volume__in_Serum,Plasma
4590 mean_Sodium>=-active_conditions+mean_Low_Density_Lipoprotein_Cholesterol
4591 mean_Sodium>=-healthcare_expenses
4592 mean_Sodium>=Sodium/active_care_plans
4593 mean_Sodium>=Sodium-encounters_lifetime_payer_coverage
4594 mean_Sodium>=Low_Density_Lipoprotein_Cholesterol-mean_Respiratory_rate-1
4595 mean_Sodium>=healthcare_expenses^longitude
4596 mean_Sodium>=Sodium-healthcare_coverage
4597 mean_Sodium>=minimum(Sodium,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4598 mean_Sodium>=-Low_Density_Lipoprotein_Cholesterol+2*mean_Chloride
4599 mean_Sodium>=minimum(latitude,10^healthcare_expenses)
4600 mean_Sodium>=Sodium-procedures_lifetime_cost
4601 mean_Sodium>=Chloride+2*active_conditions

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4602 mean_Sodium>=Sodium^QOLS
4603
mean_Sodium>=Diastolic_Blood_Pressure+1/2*High_Density_Lipoprotein_Cholesterol
4604 mean_Sodium>=minimum(Sodium,2*active_care_plan_length)
4605 mean_Sodium>=DALY*log(High_Density_Lipoprotein_Cholesterol)
4606
mean_Sodium>=(High_Density_Lipoprotein_Cholesterol-1)*immunizations_lifetime
4607 mean_Sodium>=minimum(Sodium,procedures_lifetime^2)
4608 mean_Sodium>=-active_care_plans+floor(Sodium)
4609 mean_Systolic_Blood_Pressure<=healthcare_expenses
4610
mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+active_condition_length
4611 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+2*active_conditions
4612 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,Body_Height)
4613 mean_Systolic_Blood_Pressure<=(log(mean_Respiratory_rate)/log(10))^High_Den
sity_Lipoprotein_Cholesterol
4614 mean_Systolic_Blood_Pressure<=Body_Mass_Index+2*Heart_rate
4615 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,10^lifetime_c
onditions)
4616 mean_Systolic_Blood_Pressure<=ceil(mean_Chloride)+mean_High_Density_Lipopro
tein_Cholesterol
4617 mean_Systolic_Blood_Pressure<=-healthcare_coverage+healthcare_expenses
4618 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+healthcare_coverage
4619 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,active_condit
ion_length^2)
4620 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+encounters_lifetime_p
ayer_coverage
4621 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure/encounters_lifetime_p
erc_covered
4622
mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure/imaging_studies_lifetime
4623 mean_Systolic_Blood_Pressure<=2*mean_High_Density_Lipoprotein_Cholesterol/e
ncounters_lifetime_perc_covered
4624 mean_Systolic_Blood_Pressure<=active_conditions^2+Systolic_Blood_Pressure
4625 mean_Systolic_Blood_Pressure<=1/device_lifetime_length+mean_Low_Density_Lip
oprotein_Cholesterol
4626 mean_Systolic_Blood_Pressure<=Sodium+procedures_lifetime_cost-1
4627 mean_Systolic_Blood_Pressure<=Triglycerides+1/2*mean_Microalbumin_Creatinin
e_Ratio
4628 mean_Systolic_Blood_Pressure<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-
mean_Glucose
4629 mean_Systolic_Blood_Pressure<=10^mean_Pain_severity___0_10_verbal_numeric_r
ating__Score___Reported*Systolic_Blood_Pressure
4630 mean_Systolic_Blood_Pressure<=Low_Density_Lipoprotein_Cholesterol+mean_Micr
oalbumin_Creatinine_Ratio
4631 mean_Systolic_Blood_Pressure<=(encounters_lifetime_perc_covered+1)*Systolic
_Blood_Pressure
4632

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mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,1/num_allergies)
4633 mean_Systolic_Blood_Pressure<=mean_Urea_Nitrogen^2/encounters_lifetime_perc
_covered
4634 mean_Systolic_Blood_Pressure<=QALY*sqrt(mean_Estimated_Glomerular_Filtratio
n_Rate)
4635 mean_Systolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate*sqrt(lif
etime_care_plan_length)
4636 mean_Systolic_Blood_Pressure<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood
)*latitude
4637 mean_Systolic_Blood_Pressure<=mean_Carbon_Dioxide^2/mean_Creatinine
4638 mean_Systolic_Blood_Pressure<=10^QOLS*Systolic_Blood_Pressure
4639 mean_Systolic_Blood_Pressure<=(active_conditions-1)*mean_Estimated_Glomerul
ar_Filtration_Rate
4640 mean_Systolic_Blood_Pressure<=10^Creatinine+Systolic_Blood_Pressure
4641 mean_Systolic_Blood_Pressure<=10^mean_Creatinine+Triglycerides
4642 mean_Systolic_Blood_Pressure>=latitude
4643 mean_Systolic_Blood_Pressure>=log(age)+mean_Glucose
4644 mean_Systolic_Blood_Pressure>=Heart_rate+Respiratory_rate
4645 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
active_care_plan_length
4646 mean_Systolic_Blood_Pressure>=-DALY+Systolic_Blood_Pressure
4647 mean_Systolic_Blood_Pressure>=floor(Chloride)
4648 mean_Systolic_Blood_Pressure>=-healthcare_expenses
4649 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-healthcare_coverage
4650 mean_Systolic_Blood_Pressure>=Triglycerides+ceil(longitude)
4651 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,Estimated_Glo
merular_Filtration_Rate)
4652 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure^QOLS
4653 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,Hemoglobin_A1
c_Hemoglobin_total_in_Blood)
4654 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,High_Density_
Lipoprotein_Cholesterol)
4655 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
active_condition_length
4656 mean_Systolic_Blood_Pressure>=Body_Height-Heart_rate+1
4657 mean_Systolic_Blood_Pressure>=healthcare_expenses^longitude
4658 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
encounters_lifetime_payer_coverage
4659 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure^encounters_lifetime_p
erc_covered
4660 mean_Systolic_Blood_Pressure>=Carbon_Dioxide*log(High_Density_Lipoprotein_C
holesterol)
4661 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
procedures_lifetime_cost
4662 mean_Systolic_Blood_Pressure>=log(Diastolic_Blood_Pressure)+mean_Glucose
4663 mean_Systolic_Blood_Pressure>=encounters_lifetime_perc_covered*floor(Trigly
cerides)
4664 mean_Systolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)

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4665
mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure^imaging_studies_lifetime
4666 mean_Systolic_Blood_Pressure>=2*High_Density_Lipoprotein_Cholesterol-
medications_lifetime_cost
4667 mean_Systolic_Blood_Pressure>=log(active_care_plans)^procedures_lifetime
4668 mean_Systolic_Blood_Pressure>=QALY*log(procedures_lifetime)
4669 mean_Systolic_Blood_Pressure>=-Estimated_Glomerular_Filtration_Rate+2*activ
e_condition_length
4670 mean_Systolic_Blood_Pressure>=sqrt(medications_lifetime_length)+active_care
_plans
4671 mean_Systolic_Blood_Pressure>=Diastolic_Blood_Pressure^2/mean_Glucose
4672 mean_Systolic_Blood_Pressure>=(Carbon_Dioxide+1)*mean_Creatinine
4673 mean_Total_Cholesterol<=healthcare_expenses
4674 mean_Total_Cholesterol<=maximum(Total_Cholesterol,1/num_allergies)
4675
mean_Total_Cholesterol<=maximum(lifetime_condition_length,Total_Cholesterol)
4676 mean_Total_Cholesterol<=Total_Cholesterol+procedures_lifetime_cost
4677
mean_Total_Cholesterol<=(Glucose-1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
4678 mean_Total_Cholesterol<=maximum(Total_Cholesterol,e^DALY)
4679 mean_Total_Cholesterol<=Triglycerides+2*mean_Glomerular_filtration_rate_1_7
3_sq_M_predicted
4680 mean_Total_Cholesterol<=Body_Weight+floor(Body_Height)
4681 mean_Total_Cholesterol<=-healthcare_coverage+healthcare_expenses
4682 mean_Total_Cholesterol<=Total_Cholesterol+healthcare_coverage
4683 mean_Total_Cholesterol<=Total_Cholesterol+active_care_plan_length
4684 mean_Total_Cholesterol<=(Estimated_Glomerular_Filtration_Rate-1)^2
4685 mean_Total_Cholesterol<=mean_Sodium^2/age
4686 mean_Total_Cholesterol<=Total_Cholesterol+1/2*Triglycerides
4687 mean_Total_Cholesterol<=10^healthcare_expenses-healthcare_coverage
4688 mean_Total_Cholesterol<=2*Body_Weight/medications_lifetime_perc_covered
4689 mean_Total_Cholesterol<=maximum(Total_Cholesterol,10^active_care_plans)
4690 mean_Total_Cholesterol<=maximum(Total_Cholesterol,2*Low_Density_Lipoprotein
_Cholesterol)
4691 mean_Total_Cholesterol<=Heart_rate*sqrt(mean_Urea_Nitrogen)
4692 mean_Total_Cholesterol<=maximum(Total_Cholesterol,2*mean_Low_Density_Lipopr
otein_Cholesterol)
4693
mean_Total_Cholesterol<=e^mean_Respiratory_rate/medications_lifetime_dispenses
4694 mean_Total_Cholesterol<=DALY+2*Systolic_Blood_Pressure
4695 mean_Total_Cholesterol<=mean_Systolic_Blood_Pressure^2/mean_High_Density_Li
poprotein_Cholesterol
4696 mean_Total_Cholesterol>=latitude
4697 mean_Total_Cholesterol>=Total_Cholesterol-active_care_plan_length
4698 mean_Total_Cholesterol>=Glucose+1/2*mean_Systolic_Blood_Pressure
4699 mean_Total_Cholesterol>=Total_Cholesterol-procedures_lifetime_cost
4700
mean_Total_Cholesterol>=Low_Density_Lipoprotein_Cholesterol*log(DALY)/log(10)

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4701
mean_Total_Cholesterol>=sqrt(active_care_plan_length)*device_lifetime_length
4702 mean_Total_Cholesterol>=minimum(Body_Height,sqrt(healthcare_coverage))
4703 mean_Total_Cholesterol>=-healthcare_expenses
4704 mean_Total_Cholesterol>=floor(mean_Microalbumin_Creatinine_Ratio)-1
4705 mean_Total_Cholesterol>=minimum(encounters_count,2*Chloride)
4706 mean_Total_Cholesterol>=maximum(Total_Cholesterol,Glomerular_filtration_rate_1_73_sq_M_predicted)
4707
mean_Total_Cholesterol>=minimum(lifetime_care_plan_length,Totat_Cholesterol)
4708 mean_Total_Cholesterol>=healthcare_expenses^longitude
4709 mean_Total_Cholesterol>=Microalbumin_Creatinine_Ratio-
mean_Diastolic_Blood_Pressure
4710 mean_Total_Cholesterol>=Total_Cholesterol-
encounters_lifetime_payer_coverage
4711 mean_Total_Cholesterol>=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported/Estimated_Glomerular_Filtration_Rate
4712 mean_Total_Cholesterol>=Total_Cholesterol^imaging_studies_lifetime
4713 mean_Total_Cholesterol>=Total_Cholesterol/medications_lifetime
4714 mean_Total_Cholesterol>=Systolic_Blood_Pressure*log(mean_Creatinine)
4715 mean_Total_Cholesterol>=1/2*encounters_lifetime_payer_coverage/QALY
4716 mean_Total_Cholesterol>=minimum(encounters_count,mean_Respiratory_rate^2)
4717 mean_Total_Cholesterol>=Total_Cholesterol-healthcare_coverage
4718 mean_Total_Cholesterol>=-Body_Mass_Index+2*Glucose
4719 mean_Total_Cholesterol>=minimum(latitude,10^healthcare_expenses)
4720 mean_Total_Cholesterol>=(mean_Urea_Nitrogen-1)*active_conditions
4721 mean_Triglycerides<=healthcare_expenses
4722 mean_Triglycerides<=maximum(lifetime_condition_length,Triglycerides)
4723 mean_Triglycerides<=maximum(medications_lifetime,Triglycerides)
4724 mean_Triglycerides<=Triglycerides+procedures_lifetime_cost
4725 mean_Triglycerides<=Estimated_Glomerular_Filtration_Rate^2-Heart_rate
4726 mean_Triglycerides<=(log(Respiratory_rate)/log(10))^Heart_rate
4727 mean_Triglycerides<=Body_Height+ceil(Estimated_Glomerular_Filtration_Rate)
4728 mean_Triglycerides<=-healthcare_coverage+healthcare_expenses
4729 mean_Triglycerides<=Triglycerides+healthcare_coverage
4730 mean_Triglycerides<=Triglycerides^medications_lifetime
4731 mean_Triglycerides<=Triglycerides+active_care_plan_length
4732 mean_Triglycerides<=Triglycerides+e^active_care_plans
4733 mean_Triglycerides<=Triglycerides/mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
4734 mean_Triglycerides<=Heart_rate*log(Respiratory_rate)
4735 mean_Triglycerides<=log(mean_Total_Cholesterol)*mean_Heart_rate/log(10)
4736 mean_Triglycerides<=-active_care_plan_length+2*mean_Systolic_Blood_Pressure
4737 mean_Triglycerides<=Carbon_Dioxide+ceil(Body_Height)
4738
mean_Triglycerides<=Triglycerides+mean_High_Density_Lipoprotein_Cholesterol-1
4739 mean_Triglycerides<=Sodium*log(mean_Estimated_Glomerular_Filtration_Rate)/log(10)

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4740 mean_Triglycerides<=(mean_Systolic_Blood_Pressure-1)/encounters_lifetime_pe
rc_covered
4741 mean_Triglycerides<=10^healthcare_expenses-healthcare_coverage
4742 mean_Triglycerides<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-Glucose
4743 mean_Triglycerides<=Low_Density_Lipoprotein_Cholesterol+e^Potassium
4744 mean_Triglycerides>=latitude
4745 mean_Triglycerides>=log(mean_Estimated_Glomerular_Filtration_Rate)/log(10)+
Low_Density_Lipoprotein_Cholesterol
4746 mean_Triglycerides>=Triglycerides-procedures_lifetime_cost
4747 mean_Triglycerides>=-mean_High_Density_Lipoprotein_Cholesterol+mean_Microal
bumin_Creatinine_Ratio+1
4748 mean_Triglycerides>=minimum(Systolic_Blood_Pressure,Triglycerides)
4749 mean_Triglycerides>=minimum(Triglycerides,Hemoglobin_A1c_Hemoglobin_total_i
n_Blood)
4750 mean_Triglycerides>=-Carbon_Dioxide+ceil(Triglycerides)
4751 mean_Triglycerides>=DALY^2/Calcium
4752 mean_Triglycerides>=-healthcare_expenses
4753 mean_Triglycerides>=Triglycerides^imaging_studies_lifetime
4754 mean_Triglycerides>=Triglycerides/medications_lifetime
4755 mean_Triglycerides>=1/2*encounters_count+medications_active
4756
mean_Triglycerides>=1/2*encounters_lifetime_total_cost/Systolic_Blood_Pressure
4757 mean_Triglycerides>=-age+mean_Microalbumin_Creatinine_Ratio
4758 mean_Triglycerides>=procedures_lifetime^2-mean_Diastolic_Blood_Pressure
4759 mean_Triglycerides>=minimum(latitude,10^healthcare_expenses)
4760 mean_Triglycerides>=Triglycerides-active_care_plan_length
4761 mean_Triglycerides>=Diastolic_Blood_Pressure+2*active_conditions
4762 mean_Triglycerides>=healthcare_expenses^longitude
4763 mean_Triglycerides>=Triglycerides-healthcare_coverage
4764 mean_Triglycerides>=Calcium+e^mean_Creatinine
4765 mean_Triglycerides>=mean_Glucose^2/mean_Heart_rate
4766 mean_Triglycerides>=2*Glucose-mean_Heart_rate
4767 mean_Triglycerides>=-Microalbumin_Creatinine_Ratio+mean_Sodium-1
4768 mean_Triglycerides>=Triglycerides-encounters_lifetime_payer_coverage
4769 mean_Urea_Nitrogen<=healthcare_expenses
4770 mean_Urea_Nitrogen<=Urea_Nitrogen+active_care_plans+1
4771 mean_Urea_Nitrogen<=Urea_Nitrogen+procedures_lifetime_cost
4772 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,2*DALY)
4773 mean_Urea_Nitrogen<=maximum(encounters_count,Urea_Nitrogen)
4774 mean_Urea_Nitrogen<=floor(Urea_Nitrogen)/encounters_lifetime_perc_covered
4775 mean_Urea_Nitrogen<=Estimated_Glomerular_Filtration_Rate-
encounters_lifetime_perc_covered-1
4776 mean_Urea_Nitrogen<=Albumin_Mass_volume_in_Serum,Plasma*log(age)
4777 mean_Urea_Nitrogen<=(Diastolic_Blood_Pressure-1)/Creatinine
4778 mean_Urea_Nitrogen<=1/4*medications_lifetime_cost
4779 mean_Urea_Nitrogen<=maximum(Triglycerides,Urea_Nitrogen)
4780 mean_Urea_Nitrogen<=-healthcare_coverage+healthcare_expenses
4781 mean_Urea_Nitrogen<=Urea_Nitrogen+healthcare_coverage

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4782 mean_Urea_Nitrogen<=Urea_Nitrogen^active_care_plans
4783 mean_Urea_Nitrogen<=2*Low_Density_Lipoprotein_Cholesterol/active_conditions
4784 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,Globulin_Mass_volume_in_Serum_b
y_calculation)
4785 mean_Urea_Nitrogen<=maximum(Heart_rate,Urea_Nitrogen)
4786 mean_Urea_Nitrogen<=Urea_Nitrogen+log(encounters_count)
4787 mean_Urea_Nitrogen<=maximum(active_care_plan_length,Urea_Nitrogen)
4788 mean_Urea_Nitrogen<=minimum(healthcare_expenses,sqrt(Platelet_distribution_
width_Entitic_volume_in_Blood_by_Automated_count))
4789 mean_Urea_Nitrogen<=-Glucose+mean_Sodium-1
4790 mean_Urea_Nitrogen<=1/2*Body_Height-active_care_plan_length
4791 mean_Urea_Nitrogen<=Body_Mass_Index-mean_Calcium+1
4792 mean_Urea_Nitrogen<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+Calcium
4793 mean_Urea_Nitrogen<=10^healthcare_expenses-healthcare_coverage
4794 mean_Urea_Nitrogen<=ceil(Urea_Nitrogen)/medications_lifetime_perc_covered
4795 mean_Urea_Nitrogen<=Body_Height-mean_Low_Density_Lipoprotein_Cholesterol-1
4796 mean_Urea_Nitrogen>=longitude
4797 mean_Urea_Nitrogen>=Urea_Nitrogen*log(Potassium)/log(10)
4798 mean_Urea_Nitrogen>=Urea_Nitrogen-procedures_lifetime_cost
4799 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood)
4800 mean_Urea_Nitrogen>=Urea_Nitrogen-encounters_lifetime_payer_coverage
4801 mean_Urea_Nitrogen>=sqrt(mean_Microalbumin_Creatinine_Ratio)-immunizations_
lifetime_cost
4802 mean_Urea_Nitrogen>=Urea_Nitrogen^QOLS
4803 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,-Triglycerides)
4804 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,Calcium)
4805 mean_Urea_Nitrogen>=2*Microalbumin_Creatinine_Ratio/latitude
4806 mean_Urea_Nitrogen>=log(mean_Alkaline_phosphatase__Enzymatic_activity_volum
e_in_Serum,Plasma)/QOLS
4807 mean_Urea_Nitrogen>=-healthcare_expenses
4808 mean_Urea_Nitrogen>=2*Triglycerides/QALY
4809 mean_Urea_Nitrogen>=sqrt(device_lifetime_length)+Potassium
4810 mean_Urea_Nitrogen>=Urea_Nitrogen*log(lifetime_care_plans)/log(10)
4811 mean_Urea_Nitrogen>=Urea_Nitrogen-healthcare_coverage
4812 mean_Urea_Nitrogen>=healthcare_expenses^longitude
4813 mean_Urea_Nitrogen>=1/2*Body_Mass_Index-lifetime_conditions
4814 mean_Urea_Nitrogen>=DALY^2/mean_Low_Density_Lipoprotein_Cholesterol
4815 mean_Urea_Nitrogen>=minimum(device_lifetime_length,Urea_Nitrogen)
4816 mean_Urea_Nitrogen>=High_Density_Lipoprotein_Cholesterol-
mean_High_Density_Lipoprotein_Cholesterol+1
4817 mean_Urea_Nitrogen>=-active_care_plans+log(procedures_lifetime_cost)
4818 mean_Urea_Nitrogen>=e^(1/2*mean_Creatinine)
4819 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,mean_Calcium+1)
4820 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,1/2*Carbon_Dioxide)
4821 mean_Urea_Nitrogen>=(10^healthcare_expenses)^longitude
4822 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,Pain_severity___0_10_verbal_numer
ic_rating__Score___Reported^2)

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4823 mean_Urea_Nitrogen>=sqrt(encounters_lifetime_payer_coverage)-mean_Glucose
4824 mean_Urea_Nitrogen>=Urea_Nitrogen/active_care_plans
4825 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
healthcare_expenses
4826 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
QALY+encounters_lifetime_perc_covered
4827 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
4828 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
healthcare_expenses^healthcare_coverage
4829 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
(10^healthcare_expenses)^healthcare_coverage
4830 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
longitude
4831 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Carbon_Dioxide-QOLS
4832 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
minimum(QALY,Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
4833 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/active_care
_plans
4834 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Potassium+2*active_conditions
4835 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
(10^healthcare_expenses)^longitude
4836 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
-healthcare_expenses
4837 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
healthcare_expenses^longitude
4838 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime
4839 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^immunization
_lifetime
4840 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/medications
_active
4841 mean_Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses
4842 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(medications_active,Albu
min__Mass_volume__in_Serum,Plasma)
4843 mean_Albumin__Mass_volume__in_Serum,Plasma<=Potassium+1
4844 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(procedures_lifetime,Alb
umin__Mass_volume__in_Serum,Plasma)
4845 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(medications_lifetime,Al
bumin__Mass_volume__in_Serum,Plasma)
4846 mean_Albumin__Mass_volume__in_Serum,Plasma<=ceil(Albumin__Mass_volume__in_S

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erum,Plasma)
4847 mean_Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_
coverage
4848 mean_Albumin__Mass_volume__in_Serum,Plasma<=floor(mean_High_Density_Lipopro
tein_Cholesterol)/procedures_lifetime
4849 mean_Albumin__Mass_volume__in_Serum,Plasma<=(10^healthcare_expenses)^health
care_coverage
4850 mean_Albumin__Mass_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,
Plasma/immunizations_lifetime
4851 mean_Albumin__Mass_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,
Plasma^medications_active
4852 mean_Albumin__Mass_volume__in_Serum,Plasma>=longitude
4853 mean_Albumin__Mass_volume__in_Serum,Plasma>=Albumin__Mass_volume__in_Serum,
Plasma
4854 mean_Albumin__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
4855 mean_Albumin__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
4856 mean_Albumin__Mass_volume__in_Serum,Plasma>=-mean_Bilirubin_total__Mass_vol
ume__in_Serum,Plasma+1/2*procedures_lifetime
4857
mean_Albumin__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
4858 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=heal
thcare_expenses
4859 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maxi
mum(age,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
4860 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=(age
-1)/Bilirubin_total__Mass_volume__in_Serum,Plasma
4861 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime
4862 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maxi
mum(encounters_count,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,P
lasma)
4863 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/immunizations_lifet
ime
4864 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maxi
mum(High_Density_Lipoprotein_Cholesterol,Alkaline_phosphatase__Enzymatic_activit
y_volume__in_Serum,Plasma)
4865 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=heal
thcare_expenses^healthcare_coverage
4866 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=(10^
healthcare_expenses)^healthcare_coverage
4867
mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
4868 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
4869 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-hea
lthcare_expenses
4870 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=heal

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thcare_expenses^longitude
4871 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-mean_Glomerular_filtration_rate_1_73_sq_M_predicted+1/2*mean_Sodium
4872 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
4873 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses
4874 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+procedures_lifetime
4875 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=1/2*DALY+mean_Glomerular_filtration_rate_1_73_sq_M_predicted
4876 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/immunizations_lifetime
4877 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,Plasma*active_conditions
4878 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^medications_active
4879 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(medications_lifetime,Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
4880 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(Heart_rate,Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
4881 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(encounters_count,Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
4882 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
4883 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma,e^medications_active)
4884 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=(10^healthcare_expenses)^healthcare_coverage
4885 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
4886 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
4887 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses
4888 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longitude
4889 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=1/4*procedures_lifetime^2
4890 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude

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4891 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses
 4892 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
 olume__in_Serum,Plasma
 4893 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses^hea
 lthcare_coverage
 4894 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=1/4*Albumin__Mass_volum
 e__in_Serum,Plasma
 4895 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=(10^healthcare_expenses
)^healthcare_coverage
 4896 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=longitude
 4897
 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=-QOLS+immunizations_lifetime
 4898 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
 4899 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(encounters_life
 time_perc_covered,Bilirubin_total__Mass_volume__in_Serum,Plasma)
 4900 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=floor(Bilirubin_total__
 Mass_volume__in_Serum,Plasma)
 4901 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=healthcare_expenses^lon
 gitude
 4902 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(num_allergies,B
 ilirubin_total__Mass_volume__in_Serum,Plasma)
 4903 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(Bilirubin_total
 __Mass_volume__in_Serum,Plasma,Specific_gravity_of_Urine_by_Test_strip)
 4904 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=Bilirubin_total__Mass_v
 olume__in_Serum,Plasma-procedures_lifetime
 4905 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses
)^longitude
 4906 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=Bilirubin_total__Mass_v
 olume__in_Serum,Plasma/active_care_plans
 4907 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=-mean_Albumin__Mass_vol
 ume__in_Serum,Plasma+1/2*procedures_lifetime
 4908 mean_Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses
 4909 mean_Globulin__Mass_volume__in_Serum_by_calculation<=Globulin__Mass_volume_
 _in_Serum_by_calculation
 4910 mean_Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses^he
 althcare_coverage
 4911 mean_Globulin__Mass_volume__in_Serum_by_calculation<=(10^healthcare_expense
 s)^healthcare_coverage
 4912 mean_Globulin__Mass_volume__in_Serum_by_calculation>=longitude
 4913 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Globulin__Mass_volume_
 _in_Serum_by_calculation
 4914 mean_Globulin__Mass_volume__in_Serum_by_calculation>=-healthcare_expenses
 4915 mean_Globulin__Mass_volume__in_Serum_by_calculation>=healthcare_expenses^lo
 ngitude
 4916 mean_Globulin__Mass_volume__in_Serum_by_calculation>=(10^healthcare_expense
 s)^longitude
 4917 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses
 4918 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=Glomerular_filtration_

```

rate_1_73_sq_M_predicted
4919 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses^healthcare_coverage
4920 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=(mean_Glucose^2)^QOLS
4921 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=(10^healthcare_expenses)^healthcare_coverage
4922 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=longitude
4923 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
4924 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=-1/2*DALY+mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
4925 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=(10^healthcare_expenses)^longitude
4926 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=-healthcare_expenses
4927 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=healthcare_expenses^longitude
4928 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_rate_1_73_sq_M_predicted/active_care_plans
4929 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_rate_1_73_sq_M_predicted-procedures_lifetime_cost
4930 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_rate_1_73_sq_M_predicted^immunizations_lifetime
4931 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_rate_1_73_sq_M_predicted/medications_active
4932 mean_Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses
4933 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(encounters_count,Protein__Mass_volume__in_Serum,Plasma)
4934 mean_Protein__Mass_volume__in_Serum,Plasma<=sqrt(mean_Creatinine)+Protein__Mass_volume__in_Serum,Plasma
4935 mean_Protein__Mass_volume__in_Serum,Plasma<=Protein__Mass_volume__in_Serum,Plasma+procedures_lifetime
4936 mean_Protein__Mass_volume__in_Serum,Plasma<=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Chloride
4937 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(Protein__Mass_volume__in_Serum,Plasma,1/2*encounters_count)
4938 mean_Protein__Mass_volume__in_Serum,Plasma<=(10^healthcare_expenses)^healthcare_coverage
4939 mean_Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses^healthcare_coverage
4940 mean_Protein__Mass_volume__in_Serum,Plasma>=latitude
4941 mean_Protein__Mass_volume__in_Serum,Plasma>=Protein__Mass_volume__in_Serum,Plasma
4942 mean_Protein__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
4943 mean_Protein__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
4944 mean_Protein__Mass_volume__in_Serum,Plasma>=-mean_Urea_Nitrogen^2+encounters_count
4945 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(latitude,10^healthcare_

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expenses)
Not ICU
1 healthcare_expenses<=latitude^4
2 healthcare_expenses<=10^sqrt(latitude)
3 healthcare_expenses<=Body_Height*Systolic_Blood_Pressure^2
4 healthcare_expenses<=10^Calcium/Total_Cholesterol
5 healthcare_expenses<=Heart_rate*Total_Cholesterol^2
6 healthcare_expenses<=Body_Height^2*Protein__Mass_volume__in_Serum,Plasma
7 healthcare_expenses<=e^(1/2*MCH__Entitic_mass__by_Automated_count)
8 healthcare_expenses<=Erythrocytes___volume__in_Blood_by_Automated_count^Plate
let_mean_volume__Entitic_volume__in_Blood_by_Automated_count
9 healthcare_expenses<=(Low_Density_Lipoprotein_Cholesterol-1)^Estimated_Glomeru
lar_Filtration_Rate
10 healthcare_expenses<=10^Urea_Nitrogen/Erythrocyte_distribution_width__Entitic
_volume__by_Automated_count
11 healthcare_expenses<=Urea_Nitrogen*e^Respiratory_rate
12 healthcare_expenses<=10^healthcare_coverage*medications_lifetime_cost
13 healthcare_expenses<=10^active_conditions*Platelets___volume__in_Blood_by_Au
tomated_count
14 healthcare_expenses<=Urea_Nitrogen^Glomerular_filtration_rate_1_73_sq_M_predi
cted
15 healthcare_expenses<=healthcare_coverage^2/procedures_lifetime
16 healthcare_expenses<=e^age/healthcare_coverage
17 healthcare_expenses<=Body_Height^2*age
18 healthcare_expenses<=healthcare_coverage^2/Hemoglobin__Mass_volume__in_Blood
19 healthcare_expenses<=Body_Height^2*Heart_rate
20 healthcare_expenses<=ceil(Alkaline_phosphatase__Enzymatic_activity_volume__in
_Serum,Plasma)*medications_lifetime_cost
21 healthcare_expenses<=(2*lifetime_condition_length)^Hemoglobin_A1c_Hemoglobin_
total_in_Blood
22 healthcare_expenses<=High_Density_Lipoprotein_Cholesterol^mean_Albumin__Mass_
volume__in_Serum,Plasma
23 healthcare_expenses<=Body_Height^2*Diastolic_Blood_Pressure
24 healthcare_expenses<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*encou
nters_lifetime_total_cost^2
25 healthcare_expenses<=10^Erythrocytes___volume__in_Blood_by_Automated_count*S
ystolic_Blood_Pressure
26 healthcare_expenses<=Body_Height^2*Body_Weight
27 healthcare_expenses<=(1/2*Platelets___volume__in_Blood_by_Automated_count)^H
emoglobin_A1c_Hemoglobin_total_in_Blood
28 healthcare_expenses<=(1/2*Low_Density_Lipoprotein_Cholesterol)^mean_Albumin__
Mass_volume__in_Serum,Plasma
29
healthcare_expenses<=Diastolic_Blood_Pressure^2*encounters_lifetime_total_cost
30 healthcare_expenses<=Carbon_Dioxide*Platelets___volume__in_Blood_by_Automate
d_count^2
31 healthcare_expenses<=Body_Weight^2*Platelets___volume__in_Blood_by_Automated
_count

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32 healthcare_expenses<=Body_Height^2*Low_Density_Lipoprotein_Cholesterol
33 healthcare_expenses<=(log(encounters_lifetime_payer_coverage)/log(10))^QALY
34 healthcare_expenses<=sqrt(encounters_lifetime_payer_coverage)^Leukocytes____v
   olume__in_Blood_by_Automated_count
35 healthcare_expenses<=Body_Height*Triglycerides^2
36 healthcare_expenses<=Chloride*Sodium^2
37 healthcare_expenses<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automa
   ted_count*medications_lifetime_length^2
38 healthcare_expenses<=procedures_lifetime_cost^2/imaging_studies_lifetime
39 healthcare_expenses<=(log(Body_Mass_Index)/log(10))^Erythrocyte_distribution_
   width__Entitic_volume__by_Automated_count
40 healthcare_expenses<=(e^QOLS)^MCH__Entitic_mass__by_Automated_count
41 healthcare_expenses<=Sodium^2*mean_Chloride
42 healthcare_expenses<=e^Respiratory_rate*mean_Respiratory_rate
43 healthcare_expenses<=Triglycerides^2*mean_Body_Height
44 healthcare_expenses<=sqrt(High_Density_Lipoprotein_Cholesterol)^mean_Estimate
   d_Glomerular_Filtration_Rate
45 healthcare_expenses<=(e^Albumin__Mass_volume__in_Serum,Plasma)^Potassium
46 healthcare_expenses<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood*encounters_l
   ifetime_payer_coverage
47 healthcare_expenses<=e^Carbon_Dioxide/lifetime_condition_length
48 healthcare_expenses<=Total_Cholesterol^2*age
49 healthcare_expenses<=Total_Cholesterol^2*mean_Low_Density_Lipoprotein_Cholest
   erol
50 healthcare_expenses<=10^Urea_Nitrogen/Respiratory_rate
51 healthcare_expenses<=10^Calcium/lifetime_care_plan_length
52 healthcare_expenses<=10^Calcium/Body_Height
53 healthcare_expenses<=Calcium*e^Hemoglobin__Mass_volume__in_Blood
54 healthcare_expenses>=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/encounters_c
   ount
55 healthcare_expenses>=2*longitude^2
56
healthcare_expenses>=(active_care_plan_length+1)*medications_lifetime_dispenses
57 healthcare_expenses>=10^log(Systolic_Blood_Pressure)
58 healthcare_expenses>=2*medications_lifetime_cost*num_allergies
59 healthcare_expenses>=(log(Triglycerides)/log(10))^mean_Respiratory_rate
60 healthcare_expenses>=DALY*latitude^2
61 healthcare_expenses>=(2*procedures_lifetime_cost)^QOLS
62 healthcare_expenses>=10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/ac
   tive_conditions
63 healthcare_expenses>=2*Globulin__Mass_volume__in_Serum_by_calculation*encount
   ers_lifetime_total_cost
64 healthcare_expenses>=sqrt(Hemoglobin__Mass_volume__in_Blood)^Leukocytes____vo
   lume__in_Blood_by_Automated_count
65 healthcare_expenses>=2*medications_lifetime_cost/medications_lifetime
66 healthcare_expenses>=(Hemoglobin_A1c_Hemoglobin_total_in_Blood^2)^imaging_stu
   dies_lifetime
67 healthcare_expenses>=active_care_plans*e^Calcium

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68 healthcare_expenses>=Systolic_Blood_Pressure^2/lifetime_condition_length
69 healthcare_expenses>=medications_active^2*medications_lifetime_length
70 healthcare_expenses>=Bilirubin_total__Mass_volume__in_Serum,Plasma^Protein__M
ass_volume__in_Serum,Plasma
71 healthcare_expenses>=e^active_conditions/lifetime_conditions
72 healthcare_expenses>=Erythrocyte_distribution_width__Entitic_volume__by_Autom
ated_count^2*mean_Triglycerides
73 healthcare_expenses>=2*Platelet_distribution_width__Entitic_volume__in_Blood_
by_Automated_count*Sodium
74 healthcare_expenses>=10^active_care_plans*Platelet_mean_volume__Entitic_volum
e__in_Blood_by_Automated_count
75 healthcare_expenses>=log(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)*
medications_lifetime_cost/log(10)
76 healthcare_expenses>=Estimated_Glomerular_Filtration_Rate^2*mean_High_Density
_Lipoprotein_Cholesterol
77 healthcare_expenses>=log(Glomerular_filtration_rate_1_73_sq_M_predicted)*proc
edures_lifetime_cost/log(10)
78 healthcare_expenses>=2*medications_lifetime_perc_covered*procedures_lifetime_
cost
79 healthcare_expenses>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2*encounters_li
fetime_payer_coverage
80 healthcare_expenses>=(log(DALY)/log(10))^Aspartate_aminotransferase__Enzymati
c_activity_volume__in_Serum,Plasma
81 healthcare_expenses>=(encounters_lifetime_payer_coverage+1)*device_lifetime_l
ength
82 healthcare_expenses>=(1/2*latitude)^mean_Pain_severity___0_10_verbal_numeric_
rating__Score____Reported
83 healthcare_expenses>=10^Potassium_Pain_severity___0_10_verbal_numeric_rating_
_Score____Reported
84 healthcare_expenses>=medications_lifetime^2-healthcare_coverage
85 healthcare_expenses>=10^active_care_plans/lifetime_conditions
86 healthcare_expenses>=(2*medications_lifetime_cost)^encounters_lifetime_perc_c
overed
87 healthcare_expenses>=(2*encounters_lifetime_perc_covered)^Carbon_Dioxide
88 healthcare_expenses>=(MCHC__Mass_volume__by_Automated_count+1)^Pain_severity_
__0_10_verbal_numeric_rating__Score____Reported
89 healthcare_expenses>=Platelet_distribution_width__Entitic_volume__in_Blood_by
_Automated_count+2*healthcare_coverage
90 healthcare_expenses>=Body_Mass_Index^2*Diastolic_Blood_Pressure
91 healthcare_expenses>=(1/2*Total_Cholesterol)^immunizations_lifetime
92 healthcare_expenses>=sqrt(Alanine_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)^medications_active
93 healthcare_expenses>=FEV1_FVC^procedures_lifetime
94 healthcare_expenses>=Respiratory_rate*age^2
95 healthcare_expenses>=10^Pain_severity___0_10_verbal_numeric_rating__Score____
Reported*Urea_Nitrogen
96 healthcare_expenses>=e^Hemoglobin__Mass_volume__in_Blood/medications_lifetime
97 healthcare_expenses>=e^Respiratory_rate/Urea_Nitrogen

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98 healthcare_expenses>=device_lifetime_length*e^Leukocytes___volume__in_Blood_
by_Automated_count
99 healthcare_expenses>=(log(Heart_rate)/log(10))^Urea_Nitrogen
100 healthcare_expenses>=(Aspartate_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma+1)^mean_Pain_severity__0_10_verbal_numeric_rating__Score___Re
ported
101 healthcare_expenses>=(e^encounters_lifetime_perc_covered)^Respiratory_rate
102 healthcare_expenses>=e^Respiratory_rate/mean_Urea_Nitrogen
103 healthcare_expenses>=device_lifetime_length*latitude^2
104 healthcare_expenses>=(MCV__Entitic_volume__by_Automated_count+1)*medications
_lifetime_dispendes
105 healthcare_expenses>=log(procedures_lifetime_cost)^Prostate_specific_Ag__Mas
s_volume__in_Serum,Plasma
106 healthcare_expenses>=(2*Creatinine)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
107 healthcare_expenses>=(num_allergies+1)^Estimated_Glomerular_Filtration_Rate
108 healthcare_expenses>=(active_care_plans+1)^Hemoglobin_A1c_Hemoglobin_total_i
n_Blood
109 healthcare_expenses>=DALY*active_condition_length^2
110 healthcare_expenses>=sqrt(10^lifetime_care_plans)
111 healthcare_expenses>=2*lifetime_care_plan_length^2
112 healthcare_expenses>=(log(Chloride)/log(10))^mean_Urea_Nitrogen
113 healthcare_expenses>=sqrt(lifetime_care_plan_length)^mean_Potassium
114 healthcare_expenses>=log(immunizations_lifetime)*medications_lifetime_cost
115 healthcare_expenses>=(1/QOLS)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
116 healthcare_expenses>=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/Respiratory
_rate
117 healthcare_expenses>=Body_Mass_Index^2*Body_Weight
118 healthcare_expenses>=10^QOLS*medications_lifetime_length
119 healthcare_expenses>=MCV__Entitic_volume__by_Automated_count*device_lifetime
_length^2
120 healthcare_expenses>=(log(Glomerular_filtration_rate_1_73_sq_M_predicted)/lo
g(10))^device_lifetime_length
121
healthcare_expenses>=(2*medications_lifetime_perc_covered)^mean_Carbon_Dioxide
122 healthcare_expenses>=(log(encounters_lifetime_payer_coverage)/log(10))^Leuko
cytes___volume__in_Blood_by_Automated_count
123 healthcare_expenses>=Body_Mass_Index*Glomerular_filtration_rate_1_73_sq_M_pr
edicted^2
124 healthcare_expenses>=(log(Respiratory_rate)/log(10))^active_care_plan_length
125
healthcare_expenses>=immunizations_lifetime_cost*sqrt(medications_lifetime_cost)
126 healthcare_expenses>=(-Leukocytes___volume__in_Blood_by_Automated_count)^me
dications_active
127 healthcare_expenses>=(1/2*immunizations_lifetime)^active_care_plan_length
128 healthcare_expenses>=(-immunizations_lifetime)^DALY
129 healthcare_expenses>=2*Total_Cholesterol*immunizations_lifetime_cost
130 healthcare_expenses>=medications_lifetime_dispendes^2/Carbon_Dioxide
131 healthcare_expenses>=log(Hematocrit__Volume_Fraction__of_Blood_by_Automated_

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count)^mean_Calcium
132
healthcare_expenses>=(e^medications_lifetime_perc_covered)^Total_score_MMSE_
133 healthcare_expenses>=(log(Systolic_Blood_Pressure)/log(10))^Respiratory_rate
134 healthcare_coverage<=(QALY-1)*encounters_lifetime_total_cost
135 healthcare_coverage<=encounters_lifetime_payer_coverage^2
136 healthcare_coverage<=e^mean_Respiratory_rate-1
137 healthcare_coverage<=1/2*Creatinine*healthcare_expenses
138 healthcare_coverage<=-Platelet_distribution_width__Entitic_volume__in_Blood_
by_Automated_count+1/2*medications_lifetime_cost
139
healthcare_coverage<=Estimated_Glomerular_Filtration_Rate*e^active_conditions
140 healthcare_coverage<=(2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^
Urea_Nitrogen
141 healthcare_coverage<=Creatinine*Platelet_distribution_width__Entitic_volume_
_in_Blood_by_Automated_count^2
142 healthcare_coverage<=sqrt(Platelet_distribution_width__Entitic_volume__in_Bl
ood_by_Automated_count)^Erythrocytes___volume__in_Blood_by_Automated_count
143 healthcare_coverage<=1/2*medications_lifetime_cost/num_allergies
144 healthcare_coverage<=-MCV__Entitic_volume__by_Automated_count+1/2*healthcare
_expenses
145 healthcare_coverage<=Heart_rate^2*encounters_count
146 healthcare_coverage<=(1/2*active_condition_length)^mean_Albumin__Mass_volume
__in_Serum,Plasma
147 healthcare_coverage<=Glomerular_filtration_rate_1_73_sq_M_predicted*lifetime
_care_plan_length^2
148 healthcare_coverage<=encounters_lifetime_payer_coverage^2/Glomerular_filtrat
ion_rate_1_73_sq_M_predicted
149 healthcare_coverage<=(Triglycerides^2)^lifetime_conditions
150 healthcare_coverage<=Leukocytes___volume__in_Blood_by_Automated_count*lifet
ime_condition_length^2
151 healthcare_coverage<=floor(medications_lifetime_cost)/medications_lifetime_p
erc_covered
152 healthcare_coverage<=Glucose^2*lifetime_care_plan_length
153 healthcare_coverage<=encounters_lifetime_total_cost^2/medications_lifetime
154 healthcare_coverage<=(-longitude)^encounters_count
155 healthcare_coverage<=log(medications_lifetime_length)^Body_Weight
156 healthcare_coverage<=10^Potassium*active_care_plan_length
157 healthcare_coverage<=(Alkaline_phosphatase__Enzymatic_activity_volume__in_Se
rum,Plasma+1)^Albumin__Mass_volume__in_Serum,Plasma
158 healthcare_coverage<=longitude^2*mean_Microalbumin_Creatinine_Ratio
159 healthcare_coverage<=e^sqrt(encounters_lifetime_payer_coverage)
160 healthcare_coverage<=Body_Weight*e^Glomerular_filtration_rate_1_73_sq_M_pred
icted
161 healthcare_coverage<=floor(Potassium)^mean_Urea_Nitrogen
162 healthcare_coverage<=Low_Density_Lipoprotein_Cholesterol^2*encounters_count
163 healthcare_coverage<=(1/2*Urea_Nitrogen)^mean_Estimated_Glomerular_Filtratio
n_Rate

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164 healthcare_coverage<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^Body
    _Weight
165 healthcare_coverage<=sqrt(Platelet_distribution_width__Entitic_volume__in_Bl
    ood_by_Automated_count)^mean_Potassium
166 healthcare_coverage<=(Leukocytes___volume__in_Blood_by_Automated_count-1)^P
    latelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
167
healthcare_coverage<=log(medications_lifetime_cost)^lifetime_condition_length
168
healthcare_coverage<=1/2*Systolic_Blood_Pressure*encounters_lifetime_total_cost
169 healthcare_coverage<=1/2*Alkaline_phosphatase__Enzymatic_activity_volume__in
    _Serum,Plasma*encounters_lifetime_total_cost
170 healthcare_coverage<=10^Microalbumin_Creatinine_Ratio/mean_Potassium
171 healthcare_coverage<=10^Calcium/medications_lifetime_dispenses
172 healthcare_coverage<=(log(Diastolic_Blood_Pressure)/log(10))^Carbon_Dioxide
173 healthcare_coverage<=(Creatinine+1)^Carbon_Dioxide
174 healthcare_coverage<=sqrt(Hemoglobin__Mass_volume__in_Blood)^mean_Calcium
175 healthcare_coverage<=encounters_lifetime_total_cost^2/DALY
176 healthcare_coverage<=1/2*healthcare_expenses+medications_lifetime_cost
177 healthcare_coverage<=2*Body_Mass_Index*encounters_lifetime_total_cost
178 healthcare_coverage<=e^age/healthcare_expenses
179 healthcare_coverage<=(log(age)/log(10))^Carbon_Dioxide
180 healthcare_coverage<=(e^Chloride)^QOLS
181 healthcare_coverage<=Sodium^2/num_allergies
182 healthcare_coverage<=Microalbumin_Creatinine_Ratio*e^active_care_plan_length
183 healthcare_coverage<=2*Urea_Nitrogen*encounters_lifetime_total_cost
184 healthcare_coverage<=1/2*Glucose*encounters_lifetime_payer_coverage
185 healthcare_coverage<=1/2*encounters_lifetime_payer_coverage*mean_Glucose
186
healthcare_coverage<=encounters_lifetime_payer_coverage^2/lifetime_care_plans
187 healthcare_coverage<=2*Carbon_Dioxide*encounters_lifetime_payer_coverage
188 healthcare_coverage<=2*encounters_lifetime_payer_coverage*mean_Aspartate_ami
    notransferase__Enzymatic_activity_volume__in_Serum,Plasma
189 healthcare_coverage<=(encounters_lifetime_perc_covered+1)^Diastolic_Blood_Pr
    essure
190 healthcare_coverage<=(encounters_lifetime_perc_covered+1)^Protein__Mass_volu
    me__in_Serum,Plasma
191 healthcare_coverage<=(1/medications_lifetime_perc_covered)^mean_Heart_rate
192 healthcare_coverage<=medications_lifetime_length^2/medications_active
193
healthcare_coverage<=10^Urea_Nitrogen/mean_Low_Density_Lipoprotein_Cholesterol
194 healthcare_coverage<=Heart_rate^2*Microalbumin_Creatinine_Ratio
195
healthcare_coverage<=log(MCHC__Mass_volume__by_Automated_count)^Urea_Nitrogen
196 healthcare_coverage<=Body_Weight^2*mean_Chloride
197 healthcare_coverage<=Body_Height^2/num_allergies
198 healthcare_coverage<=log(Low_Density_Lipoprotein_Cholesterol)^Calcium
199 healthcare_coverage<=DALY*e^Platelet_mean_volume__Entitic_volume__in_Blood_b

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y_Automated_count
200 healthcare_coverage<=10^Potassium*active_condition_length
201 healthcare_coverage<=(Carbon_Dioxide-1)*encounters_lifetime_total_cost
202 healthcare_coverage<=e^Urea_Nitrogen/imaging_studies_lifetime
203 healthcare_coverage<=Albumin__Mass_volume__in_Serum,Plasma^2*encounters_lifetime_total_cost
204 healthcare_coverage<=10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*procedures_lifetime_cost
205 healthcare_coverage<=(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+1)^lifetime_conditions
206 healthcare_coverage<=sqrt(Platelets___volume__in_Blood_by_Automated_count)^Leukocytes___volume__in_Blood_by_Automated_count
207 healthcare_coverage<=e^Hemoglobin__Mass_volume__in_Blood/Hemoglobin_A1c_Hemoglobin_total_in_Blood
208 healthcare_coverage>=num_allergies
209 healthcare_coverage>=encounters_lifetime_payer_coverage*log(active_care_plan_length)/log(10)
210 healthcare_coverage>=-Heart_rate+medications_lifetime_length+1
211 healthcare_coverage>=(Potassium-1)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
212 healthcare_coverage>=latitude^2-encounters_lifetime_total_cost
213 healthcare_coverage>=age^2+Body_Height
214 healthcare_coverage>=ceil(encounters_lifetime_payer_coverage)/Creatinine
215 healthcare_coverage>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
216 healthcare_coverage>=minimum(procedures_lifetime_cost,1/active_conditions)
217 healthcare_coverage>=(1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^active_conditions
218 healthcare_coverage>=(2*device_lifetime_length)^mean_Globulin__Mass_volume__in_Serum_by_calculation
219 healthcare_coverage>=ceil(procedures_lifetime_cost)/Albumin__Mass_volume__in_Serum,Plasma
220 healthcare_coverage>=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2)^mean_Creatinine
221 healthcare_coverage>=minimum(procedures_lifetime_cost,encounters_count^2)
222 healthcare_coverage>=encounters_lifetime_perc_covered*latitude^2
223 healthcare_coverage>=mean_Ketones__Mass_volume__in_Urine_by_Test_strip^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
224 healthcare_coverage>=(num_allergies+1)*encounters_lifetime_payer_coverage
225 healthcare_coverage>=encounters_count^2-encounters_lifetime_total_cost
226
healthcare_coverage>=encounters_lifetime_payer_coverage*log(lifetime_care_plans)
227 healthcare_coverage>=Heart_rate^2+Estimated_Glomerular_Filtration_Rate
228 healthcare_coverage>=(Microalbumin_Creatinine_Ratio+1)*mean_Diastolic_Blood_Pressure
229 healthcare_coverage>=(-Calcium)^DALY
230 healthcare_coverage>=latitude^2-medications_lifetime_cost
231 healthcare_coverage>=imaging_studies_lifetime^lifetime_care_plans
232 healthcare_coverage>=longitude^2*medications_lifetime_perc_covered

```

233 healthcare_coverage>=1/2*Creatinine*encounters_lifetime_payer_coverage
 234 healthcare_coverage>=(Respiratory_rate+1)^Globulin_Mass_volume__in_Serum_by
 _calculation
 235 healthcare_coverage>=(Diastolic_Blood_Pressure+1)*Body_Mass_Index
 236 healthcare_coverage>=(Sodium+1)*Body_Mass_Index
 237 healthcare_coverage>=-MCHC__Mass_volume__by_Automated_count+medications_lif
 e_time_length+1
 238 healthcare_coverage>=encounters_count^2*medications_lifetime_perc_covered
 239 healthcare_coverage>=(MCH__Entitic_mass__by_Automated_count+1)*immunizations
 _lifetime_cost
 240 healthcare_coverage>=e^lifetime_care_plans*mean_Pain_severity___0_10_verbal_
 numeric_rating__Score___Reported
 241 healthcare_coverage>=minimum(procedures_lifetime_cost,medications_lifetime_l
 ength+1)
 242 healthcare_coverage>=lifetime_conditions*procedures_lifetime^2
 243 healthcare_coverage>=1/2*active_condition_length*immunizations_lifetime_cost
 244 healthcare_coverage>=sqrt(procedures_lifetime)^Hemoglobin_A1c_Hemoglobin_tot
 al_in_Blood
 245 healthcare_coverage>=1/2*active_care_plan_length*immunizations_lifetime_cost
 246 healthcare_coverage>=1/2*Body_Weight*Low_Density_Lipoprotein_Cholesterol
 247 healthcare_coverage>=2*Body_Mass_Index*age
 248 healthcare_coverage>=medications_lifetime^2/Prostate_specific_Ag__Mass_volum
 e__in_Serum,Plasma
 249 healthcare_coverage>=log(active_condition_length)^Hemoglobin_A1c_Hemoglobin_
 total_in_Blood
 250 healthcare_coverage>=log(Body_Weight)^active_care_plans
 251 healthcare_coverage>=2*Calcium*immunizations_lifetime_cost
 252 healthcare_coverage>=10^Pain_severity___0_10_verbal_numeric_rating__Score___
 _Reported+Platelets___volume__in_Blood_by_Automated_count
 253
 healthcare_coverage>=Estimated_Glomerular_Filtration_Rate*ceil(Body_Mass_Index)
 254 healthcare_coverage>=2*Aspartate_aminotransferase__Enzymatic_activity_volum
 e__in_Serum,Plasma*Systolic_Blood_Pressure
 255
 healthcare_coverage>=e^active_conditions/MCV__Entitic_volume__by_Automated_count
 256 healthcare_coverage>=log(Alanine_aminotransferase__Enzymatic_activity_volum
 e__in_Serum,Plasma)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 257 healthcare_coverage>=sqrt(encounters_count)^mean_Pain_severity___0_10_verbal_
 _numeric_rating__Score___Reported
 258 healthcare_coverage>=ceil(Hemoglobin__Mass_volume__in_Blood)^Creatinine
 259 healthcare_coverage>=2*encounters_lifetime_total_cost*medications_lifetime_p
 erc_covered
 260 healthcare_coverage>=Platelet_distribution_width__Entitic_volume__in_Blood_b
 y_Automated_count^2/Erythrocyte_distribution_width__Entitic_volume__by_Automated
 _count
 261 healthcare_coverage>=1/2*encounters_lifetime_payer_coverage/QOLS
 262 healthcare_coverage>=(QALY+1)*mean_Microalbumin_Creatinine_Ratio
 263 healthcare_coverage>=10^Pain_severity___0_10_verbal_numeric_rating__Score___

```

_Reported-encounters_lifetime_total_cost
264 healthcare_coverage>=2*medications_lifetime_length*medications_lifetime_perc
_covered
265 healthcare_coverage>=age^2-medications_lifetime_cost
266 healthcare_coverage>=sqrt(Potassium)^Platelet_mean_volume__Entitic_volume__i
n_Blood_by_Automated_count
267 healthcare_coverage>=minimum(procedures_lifetime_cost,age^2)
268 healthcare_coverage>=log(Estimated_Glomerular_Filtration_Rate)^lifetime_care
_plans
269 healthcare_coverage>=(active_care_plan_length+1)*Diastolic_Blood_Pressure
270 healthcare_coverage>=Glomerular_filtration_rate_1_73_sq_M_predicted*sqrt(pro
cedures_lifetime_cost)
271 healthcare_coverage>=Microalbumin_Creatinine_Ratio^2/Hemoglobin_A1c_Hemoglob
in_total_in_Blood
272
healthcare_coverage>=(1/2*MCHC__Mass_volume__by_Automated_count)^mean_Creatinine
273 healthcare_coverage>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+2*en
counters_lifetime_payer_coverage
274 healthcare_coverage>=Systolic_Blood_Pressure*medications_active^2
275 healthcare_coverage>=sqrt(Erythrocyte_distribution_width__Entitic_volume__by
_Automated_count)^Potassium
276 healthcare_coverage>=medications_lifetime^2/Respiratory_rate
277
healthcare_coverage>=encounters_lifetime_payer_coverage*log(medications_active)
278
healthcare_coverage>=e^procedures_lifetime/MCHC__Mass_volume__by_Automated_count
279 healthcare_coverage>=1/2*procedures_lifetime_cost/Prostate_specific_Ag__Mass
_volume__in_Serum,Plasma
280 healthcare_coverage>=minimum(medications_lifetime_length,2*procedures_lifeti
me_cost)
281 healthcare_coverage>=Chloride^2*medications_lifetime_perc_covered
282 healthcare_coverage>=e^DALY*imaging_studies_lifetime
283 healthcare_coverage>=(1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^medicati
ons_active
284 healthcare_coverage>=sqrt(Chloride)^Pain_severity___0_10_verbal_numeric_rati
ng__Score___Reported
285 healthcare_coverage>=Low_Density_Lipoprotein_Cholesterol^2/Prostate_specific
_Ag__Mass_volume__in_Serum,Plasma
286 healthcare_coverage>=encounters_lifetime_payer_coverage*log(High_Density_Lip
oprotein_Cholesterol)/log(10)
287 healthcare_coverage>=log(Creatinine)^MCH__Entitic_mass__by_Automated_count
288 healthcare_coverage>=(1/2*Hemoglobin__Mass_volume__in_Blood)^Potassium
289 latitude<=-active_conditions-longitude
290 latitude<=log(e^Chloride)/log(10)
291 latitude<=longitude^2/Heart_rate
292 latitude<=longitude^2/Diastolic_Blood_Pressure
293 latitude<=Hemoglobin__Mass_volume__in_Blood+MCH__Entitic_mass__by_Automated_
count+1

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```

294 latitude<=DALY+Glomerular_filtration_rate_1_73_sq_M_predicted
295 latitude<=log(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_co
unt)/log(10)+age
296 latitude<=-DALY+2*age
297 latitude<=2*Carbon_Dioxide+2
298 latitude<=Heart_rate-Respiratory_rate-1
299 latitude<=floor(lifetime_condition_length)/imaging_studies_lifetime
300 latitude<=DALY+e^Estimated_Glomerular_Filtration_Rate
301 latitude<=(encounters_lifetime_total_cost-1)/DALY
302 latitude<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+log(Total
_Cholesterol)
303 latitude<=1/2*Heart_rate+Hemoglobin__Mass_volume__in_Blood
304 latitude<=2*mean_Carbon_Dioxide+1
305 latitude<=-lifetime_care_plans-longitude
306 latitude<=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+QALY-1
307 latitude<=2*Globulin__Mass_volume__in_Serum_by_calculation+QALY
308 latitude<=-longitude-mean_Carbon_Dioxide
309 latitude<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*Urea_Nitrogen
310 latitude<=log(e^Systolic_Blood_Pressure)/log(10)
311 latitude<=1/2*MCV__Entitic_volume__by_Automated_count+mean_Pain_severity___0
_10_verbal_numeric_rating__Score___Reported
312 latitude<=Respiratory_rate^2/Globulin__Mass_volume__in_Serum_by_calculation
313 latitude<=log(e^Triglycerides)/log(10)
314 latitude<=Bilirubin_total__Mass_volume__in_Serum,Plasma+2*active_condition_l
ength
315 latitude<=2*Low_Density_Lipoprotein_Cholesterol-age
316 latitude<=longitude^2/Body_Weight
317 latitude<=-MCV__Entitic_volume__by_Automated_count+floor(Sodium)
318 latitude<=-Urea_Nitrogen+floor(Low_Density_Lipoprotein_Cholesterol)
319 latitude<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+
floor(MCHC__Mass_volume__by_Automated_count)
320 latitude<=High_Density_Lipoprotein_Cholesterol+healthcare_coverage-1
321 latitude<=High_Density_Lipoprotein_Cholesterol*log(Alkaline_phosphatase__Enz
ymatic_activity_volume__in_Serum,Plasma)/log(10)
322 latitude<=log(Low_Density_Lipoprotein_Cholesterol)*mean_Alanine_aminotransfe
rase__Enzymatic_activity_volume__in_Serum,Plasma/log(10)
323 latitude<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
+1/2*Leukocytes___volume__in_Blood_by_Automated_count
324 latitude<=floor(Leukocytes___volume__in_Blood_by_Automated_count)*mean_Urea
_Nitrogen
325 latitude<=sqrt(healthcare_expenses)+longitude
326 latitude<=MCH__Entitic_mass__by_Automated_count+log(healthcare_expenses)
327 latitude<=QALY+2*Urea_Nitrogen
328 latitude<=High_Density_Lipoprotein_Cholesterol+2*lifetime_conditions
329 latitude<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
+Hemoglobin_A1c_Hemoglobin_total_in_Blood
330 latitude<=Creatinine*Glucose
331 latitude<=Respiratory_rate^2-Diastolic_Blood_Pressure

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332 latitude<=longitude^2/age
333 latitude<=longitude^2/Chloride
334 latitude<=Calcium^2-Carbon_Dioxide
335 latitude<=Carbon_Dioxide+1/2*age
336 latitude<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count*
mean_Potassium
337 latitude<=minimum(Triglycerides,floor(age))
338 latitude<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
339 latitude<=10^encounters_count/medications_lifetime_dispenses
340 latitude<=sqrt(healthcare_coverage-1)
341 latitude<=age*e^QOLS
342 latitude<=10^lifetime_condition_length/lifetime_care_plan_length
343 latitude<=lifetime_care_plan_length^2-Microalbumin_Creatinine_Ratio
344
latitude<=-Estimated_Glomerular_Filtration_Rate+2*medications_lifetime_dispenses
345 latitude<=log(encounters_lifetime_payer_coverage)/log(10)+Erythrocyte_distri
bution_width__Entitic_volume__by_Automated_count
346 latitude<=(lifetime_conditions+1)*QALY
347 latitude<=-Calcium+1/2*Systolic_Blood_Pressure
348 latitude<=1/2*encounters_lifetime_total_cost/active_conditions
349 latitude<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count*
log(MCV__Entitic_volume__by_Automated_count)
350 latitude<=(log(medications_lifetime_cost)/log(10))^Hemoglobin_A1c_Hemoglobin
_total_in_Blood
351 latitude<=1/2*medications_lifetime_dispenses/num_allergies
352 latitude<=Heart_rate^2/Diastolic_Blood_Pressure
353 latitude<=sqrt(QOLS)*mean_Low_Density_Lipoprotein_Cholesterol
354 latitude<=Body_Mass_Index+QALY-1
355 latitude<=1/2*Erythrocyte_distribution_width__Entitic_volume__by_Automated_c
ount+mean_Carbon_Dioxide
356 latitude<=minimum(healthcare_expenses,sqrt(NT_proBNP))
357 latitude<=Systolic_Blood_Pressure-active_condition_length+1
358 latitude<=Carbon_Dioxide*log(Systolic_Blood_Pressure)/log(10)
359 latitude<=1/2*Diastolic_Blood_Pressure/encounters_lifetime_perc_covered
360 latitude<=1/2*Diastolic_Blood_Pressure+Respiratory_rate
361 latitude<=-Carbon_Dioxide+Diastolic_Blood_Pressure-1
362 latitude<=1/2*Body_Weight/medications_lifetime_perc_covered
363 latitude<=1/2*Body_Weight+Respiratory_rate
364 latitude<=MCH__Entitic_mass__by_Automated_count*log(High_Density_Lipoprotein
_Cholesterol)/log(10)
365 latitude<=Potassium*sqrt(Sodium)
366 latitude<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
+Potassium-1
367 latitude<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+mean_Microalbumin_Creat
inine_Ratio
368 latitude<=1/2*Chloride-medications_active
369 latitude<=Body_Mass_Index+2*Urea_Nitrogen

```

```

370 latitude<=sqrt(Calcium)+Erythrocyte_distribution_width__Entitic_volume__by_A
utomated_count
371 latitude<=10^Albumin__Mass_volume__in_Serum,Plasma/Heart_rate
372 latitude>=log(healthcare_expenses)^2/log(10)^2
373 latitude>=1/2*age
374 latitude>=(Heart_rate+1)/encounters_count
375 latitude>=-1/2*longitude
376 latitude>=1/2*Body_Weight/lifetime_conditions
377 latitude>=2*Protein__Mass_volume__in_Serum,Plasma/Albumin__Mass_volume__in_S
erum,Plasma
378 latitude>=sqrt(lifetime_conditions)+Aspartate_aminotransferase__Enzymatic_ac
tivity_volume__in_Serum,Plasma
379 latitude>=(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
+1)*mean_Creatinine
380 latitude>=log(medications_lifetime_cost)/log(10)+MCHC__Mass_volume__by_Autom
ated_count
381 latitude>=2*medications_lifetime/Alkaline_phosphatase__Enzymatic_activity_vo
lume__in_Serum,Plasma
382 latitude>=1/2*Body_Weight-Urea_Nitrogen
383 latitude>=1/2*MCV__Entitic_volume__by_Automated_count-
procedures_lifetime_cost
384 latitude>=(active_care_plan_length+1)/Prostate_specific_Ag__Mass_volume__in_
Serum,Plasma
385 latitude>=4*Calcium
386 latitude>=Carbon_Dioxide*log(Body_Mass_Index)/log(10)
387 latitude>=Estimated_Glomerular_Filtration_Rate-immunizations_lifetime_cost-1
388 latitude>=log(Hemoglobin__Mass_volume__in_Blood)^Pain_severity___0_10_verbal
_numeric_rating__Score____Reported
389 latitude>=-active_conditions+floor(device_lifetime_length)
390
latitude>=e^Erythrocytes____volume__in_Blood_by_Automated_count/mean_Potassium
391 latitude>=Erythrocytes____volume__in_Blood_by_Automated_count^2+procedures_l
ifetime
392 latitude>=Body_Mass_Index+1/2*Respiratory_rate
393 latitude>=log(encounters_count)/QOLS
394
latitude>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
mean_Urea_Nitrogen-1
395 latitude>=Diastolic_Blood_Pressure+floor(longitude)
396 latitude>=-MCHC__Mass_volume__by_Automated_count+QALY
397 latitude>=1/2*Potassium*Respiratory_rate
398
latitude>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+1/2*QALY
399 latitude>=Diastolic_Blood_Pressure-Low_Density_Lipoprotein_Cholesterol
400 latitude>=Body_Weight-Heart_rate-1
401 latitude>=age^2/Total_Cholesterol
402 latitude>=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Pla
sma)*Pain_severity___0_10_verbal_numeric_rating__Score____Reported

```

```

403 latitude>=Globulin_Mass_volume__in_Serum_by_calculation+1/2*Protein_Mass_v
olume__in_Serum,Plasma
404 latitude>=Low_Density_Lipoprotein_Cholesterol-Systolic_Blood_Pressure+1
405 latitude>=High_Density_Lipoprotein_Cholesterol-
MCHC_Mass_volume__by_Automated_count+1
406 latitude>=2*mean_Estimated_Glomerular_Filtration_Rate*num_allergies
407 latitude>=mean_Left_ventricular_Ejection_fraction^imaging_studies_lifetime
408 latitude>=minimum(active_condition_length,1/active_care_plans)
409 latitude>=2*Glomerular_filtration_rate_1_73_sq_M_predicted-mean_Sodium
410 latitude>=(2*Body_Mass_Index)^encounters_lifetime_perc_covered
411 latitude>=active_conditions+mean_Carbon_Dioxide
412 latitude>=ceil(MCH__Entitic_mass__by_Automated_count)+medications_active
413 latitude>=minimum(Alanine_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma,mean_High_Density_Lipoprotein_Cholesterol)
414 latitude>=log(medications_lifetime_cost)+mean_Carbon_Dioxide
415 latitude>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-
medications_lifetime-1
416 latitude>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+
1/2*active_care_plan_length
417 latitude>=1/2*active_condition_length+lifetime_care_plans
418 latitude>=-Protein_Mass_volume__in_Serum,Plasma+mean_Chloride
419 latitude>=encounters_count-medications_lifetime-1
420 latitude>=minimum(mean_Estimated_Glomerular_Filtration_Rate,floor(active_car
e_plan_length))
421 latitude>=DALY-mean_Calcium-1
422 latitude>=2*Low_Density_Lipoprotein_Cholesterol/active_condition_length
423 latitude>=sqrt(procedures_lifetime_cost)/encounters_count
424 latitude>=device_lifetime_length*sqrt(medications_lifetime_perc_covered)
425 latitude>=active_condition_length*encounters_lifetime_perc_covered^2
426 latitude>=sqrt(active_condition_length)+Body_Mass_Index
427 latitude>=device_lifetime_length^2/mean_Diastolic_Blood_Pressure
428 latitude>=(1/2*encounters_count)^QOLS
429 latitude>=sqrt(encounters_lifetime_total_cost)-lifetime_condition_length
430 latitude>=-Glomerular_filtration_rate_1_73_sq_M_predicted+1/2*Heart_rate
431 latitude>=2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automat
ed_count/Carbon_Dioxide
432 latitude>=immunizations_lifetime_cost^2/healthcare_coverage
433 latitude>=Respiratory_rate*log(immunizations_lifetime_cost)/log(10)
434 latitude>=QALY*medications_lifetime_perc_covered^2
435 latitude>=-healthcare_coverage+2*medications_lifetime
436 latitude>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported+floo
r(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
437 latitude>=(Glomerular_filtration_rate_1_73_sq_M_predicted-1)/Globulin_Mass_
volume__in_Serum_by_calculation
438 latitude>=Potassium^2+Creatinine
439
latitude>=10^QOLS*Pain_severity___0_10_verbal_numeric_rating__Score___Reported
440 latitude>=Respiratory_rate*e^QOLS

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```

441 latitude>=active_care_plans*ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
442 latitude>=Respiratory_rate+mean_Carbon_Dioxide-1
443 latitude>=Estimated_Glomerular_Filtration_Rate^2/medications_lifetime_length
444 latitude>=1/2*Diastolic_Blood_Pressure-immunizations_lifetime_cost
445 latitude>=(log(High_Density_Lipoprotein_Cholesterol)/log(10))^Prostate_specific_Ag_Mass_volume__in_Serum,Plasma
446 latitude>=Potassium^2/Creatinine
447 latitude>=sqrt(Chloride)*mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
448 latitude>=1/2*Total_Cholesterol/mean_Globulin__Mass_volume__in_Serum_by_calculation
449 latitude>=-Carbon_Dioxide+2*MCH__Entitic_mass__by_Automated_count
450 latitude>=Carbon_Dioxide*log(MCH__Entitic_mass__by_Automated_count)/log(10)
451
longitude<=(-medications_lifetime_dispenses)^encounters_lifetime_perc_covered
452 longitude<=sqrt(medications_lifetime)-active_condition_length
453 longitude<=-Chloride+latitude-1
454 longitude<=-MCV__Entitic_volume__by_Automated_count+mean_Carbon_Dioxide
455 longitude<=-latitude-mean_Carbon_Dioxide
456 longitude<=-2*Body_Mass_Index
457 longitude<=Estimated_Glomerular_Filtration_Rate-High_Density_Lipoprotein_Cholesterol
458 longitude<=sqrt(medications_lifetime_length)-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
459 longitude<=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+1/2*Sodium
460 longitude<=-Diastolic_Blood_Pressure+QALY
461 longitude<=-High_Density_Lipoprotein_Cholesterol+e^lifetime_care_plans
462 longitude<=-age+lifetime_care_plan_length
463 longitude<=-Glomerular_filtration_rate_1_73_sq_M_predicted+active_care_plan_length-1
464 longitude<=e^Albumin__Mass_volume__in_Serum,Plasma-mean_Glucose
465 longitude<=-active_care_plan_length+encounters_count-1
466 longitude<=-QALY+1/2*Urea_Nitrogen
467 longitude<=-QALY+immunizations_lifetime_cost-1
468 longitude<=-active_condition_length+medications_lifetime-1
469 longitude<=-High_Density_Lipoprotein_Cholesterol+ceil(Calcium)
470 longitude<=(active_care_plans-1)*Low_Density_Lipoprotein_Cholesterol
471 longitude<=-Protein__Mass_volume__in_Serum,Plasma+procedures_lifetime_cost
472 longitude<=-MCV__Entitic_volume__by_Automated_count+1/2*age
473 longitude<=-age+mean_Respiratory_rate
474 longitude<=-Glomerular_filtration_rate_1_73_sq_M_predicted+1/2*latitude
475 longitude<=Diastolic_Blood_Pressure-mean_Low_Density_Lipoprotein_Cholesterol
476 longitude<=-mean_Diastolic_Blood_Pressure*medications_lifetime_perc_covered
477 longitude<=-Diastolic_Blood_Pressure+ceil(latitude)
478 longitude<=-active_condition_length+mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
479 longitude<=-mean_Glucose+mean_Systolic_Blood_Pressure

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```

480 longitude<=-active_care_plan_length+2*lifetime_care_plans
481 longitude<=10^QOLS-QALY
482 longitude<=mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-mean_Diastolic_Blood_Pressure
483 longitude<=sqrt(Heart_rate)-High_Density_Lipoprotein_Cholesterol
484 longitude<=-Leukocytes___volume__in_Blood_by_Automated_count-active_condition_length
485 longitude<=sqrt(Leukocytes___volume__in_Blood_by_Automated_count)-QALY
486 longitude<=-Protein__Mass_volume__in_Serum,Plasma+active_conditions+1
487 longitude<=sqrt(healthcare_expenses)-immunizations_lifetime_cost
488 longitude<=-High_Density_Lipoprotein_Cholesterol+lifetime_care_plan_length+1
489 longitude<=-age+ceil(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
490 longitude<=-QALY+e^active_care_plans
491 longitude<=-active_care_plans*lifetime_care_plans
492 longitude<=-MCV__Entitic_volume__by_Automated_count+e^active_conditions
493 longitude<=-Chloride+Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
494 longitude<=sqrt(encounters_lifetime_total_cost)-mean_Glucose
495 longitude<=10^DALY-Protein__Mass_volume__in_Serum,Plasma
496 longitude<=-active_care_plans-latitude
497 longitude<=-latitude-lifetime_conditions
498 longitude<=-active_conditions-latitude
499 longitude<=-Respiratory_rate-latitude
500
longitude<=-Chloride+Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-1
501 longitude<=Body_Mass_Index*log(lifetime_condition_length)
502 longitude<=Diastolic_Blood_Pressure-Sodium+1
503 longitude<=1/2*Heart_rate-procedures_lifetime
504 longitude<=-High_Density_Lipoprotein_Cholesterol+encounters_count+1
505 longitude<=-High_Density_Lipoprotein_Cholesterol+lifetime_condition_length+1
506 longitude<=-device_lifetime_length/Creatinine
507 longitude<=sqrt(encounters_lifetime_total_cost)-Heart_rate
508 longitude<=-mean_Microalbumin_Creatinine_Ratio+2*medications_lifetime
509 longitude<=-age+medications_lifetime_cost-1
510 longitude<=e^medications_active-mean_High_Density_Lipoprotein_Cholesterol
511
longitude<=-Leukocytes___volume__in_Blood_by_Automated_count*medications_active
512 longitude<=(QOLS-1)*age
513 longitude<=2*Albumin__Mass_volume__in_Serum,Plasma-High_Density_Lipoprotein_Cholesterol
514 longitude<=-Body_Height+2*Heart_rate
515 longitude<=-Body_Weight+1/2*Diastolic_Blood_Pressure
516 longitude<=1/2*Body_Mass_Index-age
517 longitude<=1/Creatinine-active_condition_length
518 longitude<=-Heart_rate+2*Hemoglobin__Mass_volume__in_Blood
519 longitude<=1/2*High_Density_Lipoprotein_Cholesterol-MCV__Entitic_volume__by_Automated_count

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520 longitude<=sqrt(High_Density_Lipoprotein_Cholesterol)-mean_High_Density_Lipo
protein_Cholesterol
521 longitude<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood-mean_Body_Weight
522 longitude<=-Body_Weight+1/2*Glucose
523 longitude<=10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-Glucose
524 longitude<=sqrt(Total_Cholesterol)-age
525 longitude<=Leukocytes____volume__in_Blood_by_Automated_count^2-Diastolic_Blo
od_Pressure
526 longitude>=-2*latitude
527 longitude>=-1/2*Body_Height
528 longitude>=1/Hemoglobin_A1c_Hemoglobin_total_in_Blood-
Diastolic_Blood_Pressure
529 longitude>=Carbon_Dioxide-Chloride+1
530 longitude>=2*active_conditions-mean_Chloride
531 longitude>=MCHC__Mass_volume__by_Automated_count-Triglycerides
532 longitude>=Leukocytes____volume__in_Blood_by_Automated_count-
MCV__Entitic_volume__by_Automated_count+1
533 longitude>=-Calcium^2
534 longitude>=-Body_Height+age+1
535 longitude>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,
Plasma-Body_Weight
536 longitude>=2*lifetime_conditions-mean_Chloride
537 longitude>=1/Microalbumin_Creatinine_Ratio-Body_Weight
538 longitude>=Body_Mass_Index-mean_Chloride-1
539 longitude>=sqrt(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_
count)-mean_Diastolic_Blood_Pressure
540 longitude>=MCHC__Mass_volume__by_Automated_count-
mean_Systolic_Blood_Pressure+1
541 longitude>=-Body_Weight-Urea_Nitrogen
542 longitude>=log(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)/log(10)-B
ody_Weight
543 longitude>=-Heart_rate-Respiratory_rate
544 longitude>=-Erythrocytes____volume__in_Blood_by_Automated_count-Glucose
545 longitude>=Body_Height-encounters_lifetime_total_cost
546
longitude>=-Erythrocyte_distribution_width__Entitic_volume__by_Automated_count-
MCHC__Mass_volume__by_Automated_count
547 longitude>=2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-
Platelets____volume__in_Blood_by_Automated_count
548 longitude>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood-
mean_Protein__Mass_volume__in_Serum,Plasma
549 longitude>=-Systolic_Blood_Pressure+1/2*active_condition_length
550 longitude>=-Diastolic_Blood_Pressure-active_care_plans
551 longitude>=-High_Density_Lipoprotein_Cholesterol-latitude
552 longitude>=-Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-
mean_High_Density_Lipoprotein_Cholesterol
553 longitude>=-Heart_rate-active_condition_length
554 longitude>=-Body_Weight-Respiratory_rate

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```

555 longitude>=-MCV__Entitic_volume__by_Automated_count+log(encounters_lifetime_
total_cost)
556 longitude>=-Diastolic_Blood_Pressure+log(num_allergies)
557 longitude>=-encounters_count-mean_Estimated_Glomerular_Filtration_Rate
558 longitude>=-Protein__Mass_volume__in_Serum,Plasma-Urea_Nitrogen
559 longitude>=sqrt(Microalbumin_Creatinine_Ratio)-lifetime_condition_length
560 longitude>=log(Microalbumin_Creatinine_Ratio)-mean_Diastolic_Blood_Pressure
561 longitude>=-Low_Density_Lipoprotein_Cholesterol-lifetime_condition_length
562 longitude>=log(device_lifetime_length)/log(10)-mean_Heart_rate
563 longitude>=sqrt(Leukocytes____volume__in_Blood_by_Automated_count)-mean_Dias
tolic_Blood_Pressure
564 longitude>=-Diastolic_Blood_Pressure+log(imaging_studies_lifetime)
565 longitude>=-Glucose+log(imaging_studies_lifetime)
566 longitude>=-Glucose-Urea_Nitrogen
567 longitude>=1/Estimated_Glomerular_Filtration_Rate-mean_Body_Weight
568 longitude>=sqrt(medications_lifetime)-mean_Chloride
569
longitude>=log(medications_lifetime_perc_covered)*medications_lifetime_length
570 longitude>=-medications_lifetime_length/medications_active
571 longitude>=sqrt(medications_lifetime_dispenses)-mean_Sodium
572 longitude>=-Diastolic_Blood_Pressure-medications_active
573 longitude>=log(Estimated_Glomerular_Filtration_Rate)/log(10)-Diastolic_Blood
_Pressure
574 longitude>=-Microalbumin_Creatinine_Ratio*mean_Urea_Nitrogen
575 longitude>=-Body_Weight-procedures_lifetime_cost
576 longitude>=-Glucose-procedures_lifetime_cost
577 longitude>=-Body_Height+2*DALY
578 longitude>=2*Respiratory_rate-Systolic_Blood_Pressure
579 longitude>=-Heart_rate-Urea_Nitrogen
580 longitude>=-Heart_rate-mean_Urea_Nitrogen
581 age<=2*latitude
582 age<=1/2*Total_Cholesterol+1
583 age<=-longitude+mean_Respiratory_rate
584 age<=maximum(Body_Weight,Microalbumin_Creatinine_Ratio)
585 age<=e^Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasm
a/Glomerular_filtration_rate_1_73_sq_M_predicted
586 age<=QALY+e^lifetime_conditions
587 age<=lifetime_care_plan_length-longitude
588 age<=sqrt(encounters_lifetime_payer_coverage)+mean_Estimated_Glomerular_Filt
ration_Rate
589
age<=10^Pain_severity__0_10_verbal_numeric_rating__Score____Reported*Glucose
590 age<=1/2*encounters_lifetime_total_cost+longitude
591 age<=(encounters_lifetime_total_cost-1)/procedures_lifetime
592 age<=-Glucose+e^active_condition_length
593 age<=encounters_count^2+QALY
594
age<=floor(High_Density_Lipoprotein_Cholesterol)+medications_lifetime_dispenses

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```

595 age<=10^medications_lifetime-
Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
596 age<=e^ceil(Erythrocytes___volume__in_Blood_by_Automated_count)
597 age<=e^active_care_plan_length/Calcium
598 age<=10^encounters_count/device_lifetime_length
599 age<=maximum(lifetime_condition_length,Low_Density_Lipoprotein_Cholesterol)
600 age<=1/2*Chloride+QALY
601 age<=log(MCH__Entitic_mass__by_Automated_count)/log(10)+Glucose
602 age<=Body_Weight+2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
603 age<=log(healthcare_expenses)+mean_Glucose
604 age<=Creatinine+2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
605 age<=floor(Albumin__Mass_volume__in_Serum,Plasma)^Potassium
606 age<=Body_Weight+encounters_count-1
607
age<=Hemoglobin__Mass_volume__in_Blood+2*MCHC__Mass_volume__by_Automated_count
608 age<=1/2*Body_Height+mean_Potassium
609 age<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count+ceil
(active_condition_length)
610 age<=sqrt(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma)+Low_Density_Lipoprotein_Cholesterol
611 age<=High_Density_Lipoprotein_Cholesterol+active_condition_length-1
612 age<=High_Density_Lipoprotein_Cholesterol+medications_lifetime_cost-1
613 age<=(Glucose-1)/num_allergies
614 age<=Glucose+immunizations_lifetime_cost-1
615 age<=log(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)^P
otassium
616 age<=10^Creatinine*Body_Mass_Index
617 age<=10^Bilirubin_total__Mass_volume__in_Serum,Plasma*latitude
618 age<=1/2*Carbon_Dioxide+Low_Density_Lipoprotein_Cholesterol
619 age<=2*active_condition_length+mean_Estimated_Glomerular_Filtration_Rate
620 age<=Bilirubin_total__Mass_volume__in_Serum,Plasma*active_care_plan_length^2
621 age<=maximum(mean_Microalbumin_Creatinine_Ratio,e^Hemoglobin_A1c_Hemoglobin_
total_in_Blood)
622 age<=2*healthcare_coverage/Systolic_Blood_Pressure
623
age<=(Protein__Mass_volume__in_Serum,Plasma-1)/encounters_lifetime_perc_covered
624 age<=10^encounters_lifetime_perc_covered*Alkaline_phosphatase__Enzymatic_act
ivity_volume__in_Serum,Plasma
625 age<=(Platelets___volume__in_Blood_by_Automated_count-1)/Creatinine
626 age<=Carbon_Dioxide^2-Platelet_distribution_width__Entitic_volume__in_Blood_
by_Automated_count
627 age<=ceil(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
-longitude
628 age<=Diastolic_Blood_Pressure+Leukocytes___volume__in_Blood_by_Automated_co
unt-1
629 age<=sqrt(healthcare_coverage)-Erythrocytes___volume__in_Blood_by_Automated
_count
630 age<=sqrt(healthcare_coverage)-Pain_severity___0_10_verbal_numeric_rating__S

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core___Reported
631 age<=MCV__Entitic_volume__by_Automated_count-Potassium+1
632 age<=sqrt(QOLS)*mean_Total_Cholesterol
633 age<=1/2*Chloride+Microalbumin_Creatinine_Ratio
634 age<=mean_Calcium+mean_Diastolic_Blood_Pressure
635 age<=(Estimated_Glomerular_Filtration_Rate+1)*DALY
636 age<=10^lifetime_condition_length*QALY
637 age<=log(MCH__Entitic_mass__by_Automated_count)*mean_Carbon_Dioxide
638 age<=-Leukocytes___volume__in_Blood_by_Automated_count+mean_Low_Density_Lip
oprotein_Cholesterol
639 age<=10^medications_lifetime_perc_covered*Diastolic_Blood_Pressure
640 age<=1/num_allergies+Protein__Mass_volume__in_Serum,Plasma
641 age<=Heart_rate+mean_Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma
642 age<=sqrt(healthcare_coverage)-Prostate_specific_Ag__Mass_volume__in_Serum,P
lasma
643 age<=Diastolic_Blood_Pressure+log(healthcare_coverage)
644 age<=10^medications_lifetime_perc_covered*Glucose
645 age<=2*latitude-num_allergies
646 age<=Heart_rate+ceil(Carbon_Dioxide)
647 age<=Body_Height-QALY+1
648 age<=10^lifetime_care_plans+Heart_rate
649 age<=Body_Weight+1/2*active_care_plan_length
650 age<=sqrt(lifetime_condition_length)+Diastolic_Blood_Pressure
651 age<=Heart_rate+mean_Glomerular_filtration_rate_1_73_sq_M_predicted-1
652 age<=encounters_count^2/medications_lifetime_perc_covered
653 age<=Low_Density_Lipoprotein_Cholesterol+encounters_count+1
654 age<=1/imaging_studies_lifetime+mean_Glucose
655 age<=10^medications_active*Diastolic_Blood_Pressure
656 age<=maximum(lifetime_care_plan_length,2*QALY)
657 age<=1/2*Carbon_Dioxide+Diastolic_Blood_Pressure
658 age<=2*Calcium+mean_Heart_rate
659 age<=floor(Albumin__Mass_volume__in_Serum,Plasma)*mean_Alkaline_phosphatase_
_Enzymatic_activity_volume__in_Serum,Plasma
660 age<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported*Body_W
eight
661 age<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported+Body_W
eight
662 age<=Heart_rate*sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
663 age<=maximum(Body_Weight,Urea_Nitrogen^2)
664 age<=e^Calcium/High_Density_Lipoprotein_Cholesterol
665 age<=minimum(healthcare_expenses,2*Left_ventricular_Ejection_fraction)
666 age>=QALY+1
667 age>=sqrt(medications_lifetime)+device_lifetime_length
668 age>=DALY+QALY+1
669 age>=Respiratory_rate*e^encounters_lifetime_perc_covered
670 age>=Glomerular_filtration_rate_1_73_sq_M_predicted-
lifetime_care_plan_length-1

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671 age>=(1/DALY)^device_lifetime_length
672 age>=Glomerular_filtration_rate_1_73_sq_M_predicted+1/2*longitude
673 age>=Body_Mass_Index+ceil(Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma)
674 age>=2*DALY-Estimated_Glomerular_Filtration_Rate
675 age>=Diastolic_Blood_Pressure-Estimated_Glomerular_Filtration_Rate-1
676 age>=Leukocytes___volume__in_Blood_by_Automated_count+ceil(device_lifetime_
length)
677 age>=active_care_plans+active_condition_length+1
678 age>=Respiratory_rate*log(Diastolic_Blood_Pressure)/log(10)
679 age>=(1/2*Glomerular_filtration_rate_1_73_sq_M_predicted)^imaging_studies_li
fetime
680 age>=active_care_plan_length+ceil(Prostate_specific_Ag__Mass_volume__in_Seru
m,Plasma)
681 age>=1/2*MCV__Entitic_volume__by_Automated_count-active_care_plans
682 age>=-Chloride+e^Erythrocytes___volume__in_Blood_by_Automated_count
683 age>=Calcium+ceil(MCH__Entitic_mass__by_Automated_count)
684 age>=sqrt(QOLS)+active_care_plan_length
685 age>=(lifetime_care_plans+1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
686 age>=ceil(QALY+1)
687 age>=floor(Body_Height)/mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
688 age>=log(lifetime_care_plans)/log(10)+active_care_plan_length
689 age>=-DALY+procedures_lifetime+1
690 age>=active_care_plans^2+medications_active
691 age>=2*Triglycerides/Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count
692 age>=1/2*High_Density_Lipoprotein_Cholesterol+medications_active
693 age>=Bilirubin_total__Mass_volume__in_Serum,Plasma*floor(High_Density_Lipopr
otein_Cholesterol)
694 age>=log(MCV__Entitic_volume__by_Automated_count)/log(10)+QALY
695 age>=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+active_care_plan_length
696 age>=e^Albumin__Mass_volume__in_Serum,Plasma-mean_Chloride
697 age>=Protein__Mass_volume__in_Serum,Plasma-healthcare_coverage+1
698 age>=(device_lifetime_length+1)/Creatinine
699
age>=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
DALY
700 age>=sqrt(encounters_lifetime_total_cost)-medications_lifetime_cost
701 age>=1/2*MCHC__Mass_volume__by_Automated_count+active_care_plan_length
702 age>=mean_Glucose*medications_lifetime_perc_covered^2
703 age>=sqrt(medications_lifetime_length)-healthcare_coverage
704
age>=(1/QOLS)^mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
705 age>=e^medications_active/Triglycerides
706 num_allergies<=active_care_plans
707 num_allergies<=healthcare_coverage
708 num_allergies<=medications_lifetime
709 num_allergies<=lifetime_conditions-1

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710 num_allergies<=medications_active
711 num_allergies<=Pain_severity___0_10_verbal_numeric_rating__Score___Reported
712 num_allergies<=DXA__T_score__Bone_density^procedures_lifetime_cost
713 num_allergies<=10^device_lifetime_length
714 num_allergies<=1/2*active_care_plans
715 num_allergies<=sqrt(Creatinine-1)
716 num_allergies<=floor(1/2*medications_active)
717 num_allergies<=floor(2*QOLS)
718 num_allergies<=ceil(DALY)
719 num_allergies<=floor(1/2*Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported)
720 num_allergies<=floor(QOLS)^FEV1_FVC
721 num_allergies<=device_lifetime_length^Platelet_distribution_width__Entitic_v
olume__in_Blood_by_Automated_count
722 num_allergies<=-active_care_plans+encounters_count
723 num_allergies<=log(Creatinine)^healthcare_expenses
724 num_allergies<=floor(mean_Pain_severity___0_10_verbal_numeric_rating__Score_
___Reported)
725 num_allergies<=floor(1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
726 num_allergies<=procedures_lifetime^Triglycerides
727 num_allergies<=floor(QOLS)^Glomerular_filtration_rate_1_73_sq_M_predicted
728 num_allergies<=log(active_care_plan_length)^healthcare_expenses
729
num_allergies<=Microalbumin_Creatinine_Ratio*medications_lifetime_perc_covered
730 num_allergies<=active_care_plans-imaging_studies_lifetime
731 num_allergies<=active_condition_length-device_lifetime_length
732
num_allergies<=maximum(immunizations_lifetime,log(lifetime_care_plans)/log(10))
733 num_allergies<=floor(1/2*mean_Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported)
734 num_allergies<=procedures_lifetime^Creatinine
735 num_allergies<=-active_care_plan_length+lifetime_care_plan_length
736 num_allergies<=floor(log(mean_Urea_Nitrogen)/log(10))
737 num_allergies<=1/(Pain_severity___0_10_verbal_numeric_rating__Score___Repor
ted*medications_lifetime_perc_covered)
738 num_allergies<=imaging_studies_lifetime^device_lifetime_length
739 num_allergies<=immunizations_lifetime^imaging_studies_lifetime
740 num_allergies<=immunizations_lifetime^procedures_lifetime
741 num_allergies<=log(DALY)^procedures_lifetime_cost
742 num_allergies<=Bilirubin_total__Mass_volume__in_Urine_by_Test_strip^medicati
ons_lifetime_cost
743 num_allergies<=10^lifetime_condition_length*immunizations_lifetime
744 num_allergies>=log(imaging_studies_lifetime)/log(10)
745 num_allergies>=-healthcare_coverage
746 num_allergies>=-active_care_plans
747 num_allergies>=-device_lifetime_length
748 num_allergies>=-imaging_studies_lifetime
749 num_allergies>=-Pain_severity___0_10_verbal_numeric_rating__Score___Reporte

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d+imaging_studies_lifetime
750 num_allergies>=log(lifetime_care_plans)/log(10)-1
751 num_allergies>=-DALY+floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
752
num_allergies>=-active_condition_length+log(Low_Density_Lipoprotein_Cholesterol)
753 num_allergies>=(-immunizations_lifetime)^mean_High_Density_Lipoprotein_Chole
sterol
754 active_care_plans<=lifetime_care_plans
755 active_care_plans<=ceil(active_care_plan_length)
756 active_care_plans<=floor(Urea_Nitrogen)
757 active_care_plans<=ceil(log(healthcare_expenses)/log(10))
758 active_care_plans<=1/num_allergies+medications_active
759 active_care_plans<=-Erythrocytes___volume__in_Blood_by_Automated_count+enco
unters_count
760 active_care_plans<=ceil(Glomerular_filtration_rate_1_73_sq_M_predicted)
761
active_care_plans<=floor(e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
762 active_care_plans<=ceil(age)/Calcium
763 active_care_plans<=(High_Density_Lipoprotein_Cholesterol-1)*QOLS
764 active_care_plans<=(log(device_lifetime_length)/log(10))^mean_Hemoglobin_A1c
_Hemoglobin_total_in_Blood
765 active_care_plans<=maximum(Sodium,1/imaging_studies_lifetime)
766 active_care_plans<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)+
immunizations_lifetime_cost
767 active_care_plans<=10^medications_active+DALY
768 active_care_plans<=log(Sodium)/QOLS
769 active_care_plans>=num_allergies
770 active_care_plans>=imaging_studies_lifetime
771 active_care_plans>=ceil(log(Glomerular_filtration_rate_1_73_sq_M_predicted)/
log(10))
772 active_care_plans>=1/2*lifetime_care_plans-1
773 active_care_plans>=2*num_allergies
774 active_care_plans>=floor(encounters_lifetime_perc_covered)
775 active_care_plans>=1/2*Pain_severity___0_10_verbal_numeric_rating__Score____
Reported/Creatinine
776 active_care_plans>=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)^2
777 active_care_plans>=ceil(log(mean_Calcium)/log(10))
778 active_care_plans>=minimum(Potassium,lifetime_care_plans-1)
779 active_care_plans>=Potassium*log(lifetime_care_plans)/log(10)
780 active_care_plans>=log(High_Density_Lipoprotein_Cholesterol)/log(10)-procedu
res_lifetime
781 active_care_plans>=active_conditions-mean_Urea_Nitrogen
782
active_care_plans>=Bilirubin_total__Mass_volume__in_Serum,Plasma+num_allergies+1
783 active_care_plans>=-Potassium+lifetime_care_plans+1
784 active_care_plans>=-healthcare_coverage+lifetime_care_plans
785 active_care_plans>=sqrt(lifetime_care_plans)-procedures_lifetime
786 active_care_plans>=log(lifetime_care_plan_length)*medications_lifetime_perc_

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covered/log(10)
787 active_care_plans>=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)*life
time_care_plans
788 active_care_plans>=minimum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma,log(lifetime_care_plan_length)/log(10))
789 active_care_plans>=2*imaging_studies_lifetime-2
790 active_care_plans>=minimum(medications_active,lifetime_care_plans-1)
791 active_care_plans>=ceil(1/Creatinine)
792 active_care_plans>=floor(log(Glucose)/log(10))
793 active_care_plans>=minimum(lifetime_care_plans,log(device_lifetime_length))
794 active_care_plans>=active_care_plan_length/lifetime_care_plan_length
795 active_care_plans>=minimum(device_lifetime_length,lifetime_care_plans-1)
796
active_care_plans>=ceil(active_care_plan_length)-mean_Diastolic_Blood_Pressure
797 active_care_plans>=floor(lifetime_care_plan_length)/age
798 active_care_plans>=immunizations_lifetime^2-Albumin__Mass_volume__in_Serum,Plasma
799 active_care_plans>=-Respiratory_rate+active_conditions
800 active_care_plans>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+active_conditions
801 active_care_plans>=-Glomerular_filtration_rate_1_73_sq_M_predicted+ceil(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
802 active_care_plans>=sqrt(Heart_rate)-Estimated_Glomerular_Filtration_Rate
803 active_care_plans>=-encounters_count+2*lifetime_care_plans
804 active_care_plans>=floor(Chloride)-mean_Chloride
805 active_care_plans>=-Creatinine+Erythrocytes___volume__in_Blood_by_Automated_count-1
806 active_care_plans>=ceil(log(lifetime_care_plans)/log(10))
807 active_care_plans>=lifetime_conditions-mean_Urea_Nitrogen
808 active_care_plans>=-Heart_rate+ceil(active_condition_length)
809 active_care_plans>=log(lifetime_care_plan_length)/log(10)-QOLS
810 active_care_plans>=2*lifetime_care_plan_length/Triglycerides
811 active_care_plans>=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+procedures_lifetime
812 active_care_plans>=1/2*lifetime_condition_length/mean_Glucose
813 active_care_plans>=minimum(Estimated_Glomerular_Filtration_Rate,medications_active-1)
814 active_care_plans>=minimum(Potassium,e^imaging_studies_lifetime)
815 active_care_plans>=minimum(Albumin__Mass_volume__in_Serum,Plasma,floor(lifetime_care_plans))
816 active_care_plans>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported-active_conditions
817 active_care_plans>=1/2*medications_lifetime/Triglycerides
818 active_care_plans>=-lifetime_conditions+medications_active-1
819 active_care_plans>=e^Potassium/Glucose
820 active_care_plans>=(log(Leukocytes___volume__in_Blood_by_Automated_count)/log(10))^Chloride
821 active_care_plans>=-Urea_Nitrogen+floor(Platelet_mean_volume__Entitic_volume

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__in_Blood_by_Automated_count)
822 active_care_plans>=-QALY+ceil(MCHC__Mass_volume__by_Automated_count)
823 active_care_plans>=ceil(Erythrocytes___volume__in_Blood_by_Automated_count)
-procedures_lifetime_cost
824 active_care_plans>=Erythrocytes___volume__in_Blood_by_Automated_count*medic
ations_lifetime_perc_covered
825 active_care_plans>=Erythrocytes___volume__in_Blood_by_Automated_count-
active_conditions
826 active_care_plans>=maximum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasm
a,-Estimated_Glomerular_Filtration_Rate)
827 lifetime_care_plans<=2*active_care_plans+2
828 lifetime_care_plans<=encounters_count
829 lifetime_care_plans<=2*Potassium
830 lifetime_care_plans<=log(Low_Density_Lipoprotein_Cholesterol)/QOLS
831 lifetime_care_plans<=ceil(Calcium)
832 lifetime_care_plans<=-Body_Mass_Index+1/2*Diastolic_Blood_Pressure
833 lifetime_care_plans<=10^active_care_plans
834 lifetime_care_plans<=2*lifetime_conditions
835 lifetime_care_plans<=healthcare_expenses*lifetime_care_plan_length
836 lifetime_care_plans<=(active_care_plans+1)^2
837 lifetime_care_plans<=minimum(Respiratory_rate,active_conditions+1)
838 lifetime_care_plans<=Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma-1
839 lifetime_care_plans<=2*lifetime_care_plan_length/DALY
840 lifetime_care_plans<=-Pain_severity___0_10_verbal_numeric_rating__Score____R
eported+Respiratory_rate
841 lifetime_care_plans<=active_care_plans+healthcare_coverage
842 lifetime_care_plans<=maximum(active_care_plans,Erythrocytes___volume__in_Bl
ood_by_Automated_count)
843 lifetime_care_plans<=Erythrocytes___volume__in_Blood_by_Automated_count+1
844 lifetime_care_plans<=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
)*procedures_lifetime
845 lifetime_care_plans<=(active_care_plans-1)*Globulin__Mass_volume__in_Serum_b
y_calculation
846 lifetime_care_plans<=active_care_plans*log(Potassium)
847 lifetime_care_plans<=-active_condition_length+age-1
848 lifetime_care_plans<=medications_lifetime_cost+procedures_lifetime
849 lifetime_care_plans<=ceil(DALY)+lifetime_conditions
850 lifetime_care_plans<=active_care_plan_length^Triglycerides
851 lifetime_care_plans<=(log(lifetime_care_plan_length)/log(10))^Hemoglobin_A1c
_Hemoglobin_total_in_Blood
852 lifetime_care_plans<=1/2*active_care_plan_length/Globulin__Mass_volume__in_S
erum_by_calculation
853 lifetime_care_plans<=active_care_plan_length^Platelet_distribution_width__En
titic_volume__in_Blood_by_Automated_count
854
lifetime_care_plans<=maximum(procedures_lifetime,floor(active_care_plan_length))
855 lifetime_care_plans<=minimum(Sodium,active_care_plans^2)

```

```

856 lifetime_care_plans<=maximum(active_conditions,Bilirubin_total__Mass_volume_
_in_Serum,Plasma)
857 lifetime_care_plans<=encounters_count-immunizations_lifetime
858 lifetime_care_plans<=maximum(lifetime_conditions,Potassium)
859 lifetime_care_plans<=maximum(active_care_plans,log(Platelet_distribution_wid
th__Entitic_volume__in_Blood_by_Automated_count)/log(10))
860 lifetime_care_plans<=ceil(1/2*Platelet_mean_volume__Entitic_volume__in_Blood
_by_Automated_count)
861 lifetime_care_plans<=active_care_plans*log(Albumin__Mass_volume__in_Serum,Pl
asma)
862 lifetime_care_plans<=(active_care_plans+1)/Bilirubin_total__Mass_volume__in_
Serum,Plasma
863
lifetime_care_plans<=(log(Systolic_Blood_Pressure)/log(10))^active_care_plans
864 lifetime_care_plans<=minimum(Respiratory_rate,1/2*encounters_count)
865 lifetime_care_plans<=DALY+1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
866 lifetime_care_plans<=Pain_severity__0_10_verbal_numeric_rating__Score____Re
ported+medications_lifetime_dispenses
867 lifetime_care_plans<=encounters_lifetime_perc_covered^longitude
868 lifetime_care_plans<=medications_lifetime/num_allergies
869 lifetime_care_plans<=maximum(active_care_plans,sqrt(Leukocytes___volume__in
_Blood_by_Automated_count))
870 lifetime_care_plans<=maximum(lifetime_conditions,e^medications_active)
871 lifetime_care_plans<=1/2*QOLS*Systolic_Blood_Pressure
872 lifetime_care_plans<=DALY/imaging_studies_lifetime
873 lifetime_care_plans<=maximum(DALY,log(Estimated_Glomerular_Filtration_Rate))
874 lifetime_care_plans<=Respiratory_rate-medications_active
875 lifetime_care_plans<=Creatinine+medications_lifetime+1
876 lifetime_care_plans<=Systolic_Blood_Pressure-procedures_lifetime-1
877 lifetime_care_plans<=Body_Mass_Index/Prostate_specific_Ag__Mass_volume__in_S
erum,Plasma
878 lifetime_care_plans<=-active_condition_length+mean_Glucose
879
lifetime_care_plans<=log(Microalbumin_Creatinine_Ratio)/(log(10)*num_allergies)
880 lifetime_care_plans<=(Creatinine+1)^active_care_plans
881 lifetime_care_plans<=2*floor(mean_Albumin__Mass_volume__in_Serum,Plasma)
882 lifetime_care_plans<=maximum(medications_active,1/imaging_studies_lifetime)
883 lifetime_care_plans<=maximum(active_care_plans,10^Pain_severity__0_10_verba
l_numeric_rating__Score____Reported)
884 lifetime_care_plans<=maximum(active_conditions,log(Triglycerides)/log(10))
885 lifetime_care_plans<=active_care_plans^2+procedures_lifetime
886 lifetime_care_plans<=-Heart_rate+floor(Chloride)
887 lifetime_care_plans<=floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasm
a)/num_allergies
888 lifetime_care_plans<=maximum(active_conditions,Prostate_specific_Ag__Mass_vo
lume__in_Serum,Plasma)
889 lifetime_care_plans<=e^medications_lifetime/medications_active
890

```

```

lifetime_care_plans<=ceil(e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
891 lifetime_care_plans<=10^(10^num_allergies)
892 lifetime_care_plans<=(log(Respiratory_rate)/log(10))^Carbon_Dioxide
893 lifetime_care_plans<=(log(Body_temperature)/log(10))^active_care_plans
894 lifetime_care_plans<=10^QOLS+DALY
895 lifetime_care_plans<=10^active_care_plans/Erythrocytes___volume__in_Blood_b
y_Automated_count
896 lifetime_care_plans<=-Diastolic_Blood_Pressure+floor(Chloride)
897 lifetime_care_plans<=maximum(Sodium,ceil(Prostate_specific_Ag__Mass_volume__
in_Serum,Plasma))
898 lifetime_care_plans<=maximum(Sodium,log(Diastolic_Blood_Pressure))
899 lifetime_care_plans<=maximum(Sodium,log(Body_Weight))
900 lifetime_care_plans>=num_allergies
901 lifetime_care_plans>=active_care_plans
902 lifetime_care_plans>=ceil(medications_lifetime_perc_covered)
903 lifetime_care_plans>=2*imaging_studies_lifetime-1
904 lifetime_care_plans>=Creatinine-lifetime_conditions
905 lifetime_care_plans>=2*sqrt(imaging_studies_lifetime)
906 lifetime_care_plans>=Pain_severity___0_10_verbal_numeric_rating__Score___Re
ported-immunizations_lifetime_cost-1
907 lifetime_care_plans>=-active_condition_length+lifetime_conditions-1
908 lifetime_care_plans>=10^num_allergies*medications_lifetime_perc_covered
909 lifetime_care_plans>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*im
aging_studies_lifetime
910 lifetime_care_plans>=floor(DALY)-latitude
911 lifetime_care_plans>=(medications_active-1)/Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma
912 lifetime_care_plans>=sqrt(procedures_lifetime)-mean_Creatinine
913 lifetime_care_plans>=sqrt(Pain_severity___0_10_verbal_numeric_rating__Score_
___Reported)-DALY
914 active_care_plan_length<=age+immunizations_lifetime-1
915 active_care_plan_length<=lifetime_care_plan_length
916 active_care_plan_length<=Body_Mass_Index^2/Calcium
917 active_care_plan_length<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/Pain_se
verity___0_10_verbal_numeric_rating__Score___Reported
918 active_care_plan_length<=active_care_plans*healthcare_expenses
919 active_care_plan_length<=active_condition_length+medications_lifetime_cost
920 active_care_plan_length<=Body_Weight+procedures_lifetime_cost-1
921 active_care_plan_length<=1/2*Total_Cholesterol*mean_Creatinine
922 active_care_plan_length<=maximum(active_condition_length,Microalbumin_Creati
nine_Ratio)
923 active_care_plan_length<=sqrt(Low_Density_Lipoprotein_Cholesterol)-longitude
924 active_care_plan_length<=Leukocytes___volume__in_Blood_by_Automated_count+a
ctive_condition_length-1
925 active_care_plan_length<=10^Pain_severity___0_10_verbal_numeric_rating__Scor
e___Reported*active_condition_length
926 active_care_plan_length<=maximum(active_condition_length,medications_lifetim
e_length)

```

```

927 active_care_plan_length<=latitude+medications_lifetime_cost-1
928 active_care_plan_length<=Body_Height-Diastolic_Blood_Pressure+1
929 active_care_plan_length<=age+num_allergies-1
930 active_care_plan_length<=(1/2*Globulin__Mass_volume__in_Serum_by_calculation
)^Diastolic_Blood_Pressure
931 active_care_plan_length<=floor(active_condition_length)/medications_lifetime
_perc_covered
932 active_care_plan_length<=-QOLS+age
933 active_care_plan_length<=maximum(active_condition_length,10^Prostate_specifi
c_Ag__Mass_volume__in_Serum,Plasma)
934 active_care_plan_length<=1/Prostate_specific_Ag__Mass_volume__in_Serum,Plasm
a+mean_Heart_rate
935
active_care_plan_length<=2*Estimated_Glomerular_Filtration_Rate/num_allergies
936 active_care_plan_length<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+floo
r(lifetime_care_plan_length)
937 active_care_plan_length<=active_condition_length+healthcare_coverage
938 active_care_plan_length<=log(Respiratory_rate)/log(10)+Low_Density_Lipoprote
in_Cholesterol
939
active_care_plan_length<=Carbon_Dioxide+1/2*Low_Density_Lipoprotein_Cholesterol
940 active_care_plan_length<=(encounters_lifetime_total_cost-1)/MCH__Entitic_mas
s__by_Automated_count
941 active_care_plan_length<=-Estimated_Glomerular_Filtration_Rate+floor(Total_C
holesterol)
942
active_care_plan_length<=2*active_condition_length+immunizations_lifetime_cost
943 active_care_plan_length<=Erythrocytes___volume__in_Blood_by_Automated_count
*e^active_care_plans
944 active_care_plan_length<=log(Aspartate_aminotransferase__Enzymatic_activity_
volume__in_Serum,Plasma)*mean_Protein__Mass_volume__in_Serum,Plasma/log(10)
945 active_care_plan_length<=1/2*Potassium*active_condition_length
946 active_care_plan_length<=Diastolic_Blood_Pressure^2/QALY
947 active_care_plan_length<=maximum(active_condition_length,2*MCH__Entitic_mass
__by_Automated_count)
948 active_care_plan_length<=1/2*Low_Density_Lipoprotein_Cholesterol/mean_Biliru
bin_total__Mass_volume__in_Serum,Plasma
949 active_care_plan_length<=1/2*Platelet_distribution_width__Entitic_volume__in
_Blood_by_Automated_count-device_lifetime_length
950 active_care_plan_length<=Creatinine*lifetime_care_plan_length
951 active_care_plan_length<=2*Carbon_Dioxide+Platelet_mean_volume__Entitic_volu
me__in_Blood_by_Automated_count
952 active_care_plan_length<=e^ceil(mean_Albumin__Mass_volume__in_Serum,Plasma)
953 active_care_plan_length<=log(Low_Density_Lipoprotein_Cholesterol)*mean_Aspar
tate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
954 active_care_plan_length<=(Erythrocyte_distribution_width__Entitic_volume__by
_Automated_count-1)*DALY
955 active_care_plan_length<=maximum(active_condition_length,e^Leukocytes___vol

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ume__in_Blood_by_Automated_count)
956
active_care_plan_length<=floor(Sodium)-mean_High_Density_Lipoprotein_Cholesterol
957 active_care_plan_length<=active_condition_length+e^Prostate_specific_Ag__Mas
s_volume__in_Serum,Plasma
958 active_care_plan_length<=10^medications_active*Hematocrit__Volume_Fraction__
of_Blood_by_Automated_count
959 active_care_plan_length<=-Potassium+floor(Glucose)
960
active_care_plan_length<=-Albumin__Mass_volume__in_Serum,Plasma+floor(Glucose)
961 active_care_plan_length<=Hemoglobin__Mass_volume__in_Blood*ceil(Potassium)
962 active_care_plan_length<=2*Calcium+healthcare_coverage
963 active_care_plan_length<=Total_Cholesterol-mean_Chloride-1
964
active_care_plan_length<=maximum(Triglycerides,abs(lifetime_condition_length))
965 active_care_plan_length<=Calcium^2+lifetime_conditions
966 active_care_plan_length<=maximum(active_condition_length,lifetime_care_plan_
length-1)
967 active_care_plan_length<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_
count*log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
968 active_care_plan_length<=(Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma-1)*active_conditions
969 active_care_plan_length<=QALY+ceil(Leukocytes___volume__in_Blood_by_Automat
ed_count)
970 active_care_plan_length<=maximum(medications_lifetime,-Estimated_Glomerular_
Filtration_Rate)
971 active_care_plan_length<=Erythrocytes___volume__in_Blood_by_Automated_count
+e^active_conditions
972 active_care_plan_length<=2*healthcare_coverage/immunizations_lifetime_cost
973 active_care_plan_length<=QALY*sqrt(active_care_plans)
974 active_care_plan_length<=10^lifetime_care_plan_length/encounters_lifetime_to
tal_cost
975 active_care_plan_length<=DALY^2+mean_Estimated_Glomerular_Filtration_Rate
976 active_care_plan_length<=QOLS+floor(lifetime_care_plan_length)
977 active_care_plan_length<=Carbon_Dioxide+e^active_conditions
978 active_care_plan_length<=-Platelets___volume__in_Blood_by_Automated_count+1
/2*medications_lifetime_length
979 active_care_plan_length<=10^medications_active*Heart_rate
980 active_care_plan_length<=2*QOLS*Triglycerides
981 active_care_plan_length>=num_allergies
982 active_care_plan_length>=Body_Mass_Index+log(imaging_studies_lifetime)
983
active_care_plan_length>=minimum(Carbon_Dioxide,1/2*lifetime_care_plan_length)
984 active_care_plan_length>=1/2*medications_lifetime_length/Sodium
985 active_care_plan_length>=active_condition_length*floor(Bilirubin_total__Mass
_volume__in_Serum,Plasma)
986 active_care_plan_length>=-Protein__Mass_volume__in_Serum,Plasma+1/2*lifetime
_care_plan_length

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987 active_care_plan_length>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/
2*lifetime_care_plan_length)
988
active_care_plan_length>=active_care_plans^2*medications_lifetime_perc_covered
989 active_care_plan_length>=minimum(active_care_plans,active_condition_length)
990 active_care_plan_length>=sqrt(lifetime_care_plan_length)-lifetime_care_plans
991 active_care_plan_length>=-Glomerular_filtration_rate_1_73_sq_M_predicted+lat
itude
992 active_care_plan_length>=log(procedures_lifetime_cost)/log(10)+Aspartate_ami
notransferase__Enzymatic_activity_volume__in_Serum,Plasma
993 active_care_plan_length>=-Systolic_Blood_Pressure+2*active_condition_length
994 active_care_plan_length>=minimum(Alanine_aminotransferase__Enzymatic_activit
y_volume__in_Serum,Plasma,e^procedures_lifetime)
995 active_care_plan_length>=ceil(lifetime_care_plan_length)/Erythrocytes___vol
ume__in_Blood_by_Automated_count
996 active_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+1/2*MCHC__
Mass_volume__by_Automated_count
997 active_care_plan_length>=(Urea_Nitrogen-1)/active_care_plans
998 active_care_plan_length>=-Estimated_Glomerular_Filtration_Rate+active_condit
ion_length+1
999 active_care_plan_length>=e^Erythrocytes___volume__in_Blood_by_Automated_cou
nt/Hemoglobin_A1c_Hemoglobin_total_in_Blood
1000 active_care_plan_length>=sqrt(Aspartate_aminotransferase__Enzymatic_activit
y_volume__in_Serum,Plasma)+active_conditions
1001 active_care_plan_length>=DALY+ceil(Potassium)
1002 active_care_plan_length>=-Calcium+device_lifetime_length+1
1003 active_care_plan_length>=-Low_Density_Lipoprotein_Cholesterol+age+1
1004 active_care_plan_length>=1/2*lifetime_care_plan_length/Prostate_specific_Ag
__Mass_volume__in_Serum,Plasma
1005 active_care_plan_length>=sqrt(medications_lifetime_length)-Body_Weight
1006 active_care_plan_length>=active_care_plans^2-Pain_severity___0_10_verbal_nu
meric_rating__Score___Reported
1007 active_care_plan_length>=minimum(active_condition_length,log(lifetime_care_
plan_length))
1008 active_care_plan_length>=-Creatinine+1/2*procedures_lifetime
1009 active_care_plan_length>=1/2*age*num_allergies
1010 active_care_plan_length>=lifetime_care_plans*log(active_care_plans)
1011 active_care_plan_length>=(immunizations_lifetime-1)*device_lifetime_length
1012 active_care_plan_length>=floor(DALY)*medications_lifetime_perc_covered
1013 active_care_plan_length>=sqrt(encounters_lifetime_payer_coverage)-MCV__Enti
tic_volume__by_Automated_count
1014 active_care_plan_length>=minimum(DALY,active_care_plans^2)
1015 active_care_plan_length>=mean_Glucose-
mean_Low_Density_Lipoprotein_Cholesterol
1016 active_care_plan_length>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood/Bilir
ubin_total__Mass_volume__in_Serum,Plasma
1017 active_care_plan_length>=Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma+Hemoglobin_A1c_Hemoglobin_total_in_Blood+1

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1018 active_care_plan_length>=sqrt(medications_lifetime_dispenses)-Urea_Nitrogen
 1019 active_care_plan_length>=1/2*encounters_count*num_allergies
 1020 active_care_plan_length>=(Potassium-1)*immunizations_lifetime
 1021 active_care_plan_length>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+1/2*active_condition_length
 1022 active_care_plan_length>=2*QALY-Triglycerides
 1023 active_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2/encounters_count
 1024 active_care_plan_length>=(Platelets___volume__in_Blood_by_Automated_count+1)/Urea_Nitrogen
 1025 active_care_plan_length>=sqrt(medications_lifetime_dispenses)-Calcium
 1026 active_care_plan_length>=floor(lifetime_care_plan_length)/Respiratory_rate
 1027 active_care_plan_length>=2*Pain_severity___0_10_verbal_numeric_rating__Score___Reported-procedures_lifetime_cost
 1028 active_care_plan_length>=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)+active_conditions
 1029 active_care_plan_length>=2*Low_Density_Lipoprotein_Cholesterol/MCHC__Mass_volume__by_Automated_count
 1030 active_care_plan_length>=(Creatinine+1)*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 1031 active_care_plan_length>=floor(encounters_lifetime_perc_covered)*lifetime_care_plan_length
 1032 active_care_plan_length>=1/2*medications_lifetime/mean_Calcium
 1033 active_care_plan_length>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count*floor(QOLS)
 1034 active_care_plan_length>=Creatinine/QOLS
 1035 active_care_plan_length>=minimum(mean_Estimated_Glomerular_Filtration_Rate,2*DALY)
 1036 active_care_plan_length>=(1/2*Microalbumin_Creatinine_Ratio)^QOLS
 1037 active_care_plan_length>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+1/2*Glucose
 1038 active_care_plan_length>=maximum(FEV1_FVC,-healthcare_expenses)
 1039 active_care_plan_length>=-healthcare_coverage+log(medications_lifetime_cost)
 1040 active_care_plan_length>=maximum(FEV1_FVC,mean_Creatinine)
 1041 active_care_plan_length>=minimum(Estimated_Glomerular_Filtration_Rate,procedures_lifetime^2)
 1042 active_care_plan_length>=(Glucose-1)/Leukocytes___volume__in_Blood_by_Automated_count
 1043 active_care_plan_length>=active_care_plans*log(Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
 1044 active_care_plan_length>=maximum(mean_Left_ventricular_Ejection_fraction,-healthcare_expenses)
 1045 active_care_plan_length>=MCH__Entitic_mass__by_Automated_count*log(procedures_lifetime)/log(10)
 1046 active_care_plan_length>=sqrt(procedures_lifetime_cost)/Carbon_Dioxide
 1047 active_care_plan_length>=DALY*log(Urea_Nitrogen)/log(10)
 1048 active_care_plan_length>=2*DALY*mean_Bilirubin_total__Mass_volume__in_Serum

```
,Plasma
1049 active_care_plan_length>=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)/QOLS
1050 active_care_plan_length>=log(lifetime_care_plans)^mean_Potassium
1051 active_care_plan_length>=-Body_Weight+1/2*Systolic_Blood_Pressure
1052 active_care_plan_length>=lifetime_care_plans^2-age
1053 active_care_plan_length>=-Sodium+e^Potassium
1054 active_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-immuniz
ations_lifetime_cost
1055 active_care_plan_length>=Glomerular_filtration_rate_1_73_sq_M_predicted-
lifetime_condition_length-1
1056 active_care_plan_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
*floor(Calcium)
1057 active_care_plan_length>=Calcium^2-mean_Low_Density_Lipoprotein_Cholesterol
1058 lifetime_care_plan_length<=(active_care_plan_length+1)*lifetime_care_plans
1059 lifetime_care_plan_length<=2*Body_Weight+encounters_count
1060 lifetime_care_plan_length<=age+lifetime_condition_length-1
1061 lifetime_care_plan_length<=(log(active_care_plan_length)/log(10))^Alanine_a
minotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1062 lifetime_care_plan_length<=floor(Urea_Nitrogen)^active_conditions
1063
lifetime_care_plan_length<=maximum(active_condition_length,10^active_care_plans)
1064 lifetime_care_plan_length<=Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count^2+Diastolic_Blood_Pressure
1065 lifetime_care_plan_length<=(Body_Height-1)/num_allergies
1066 lifetime_care_plan_length<=lifetime_condition_length/Bilirubin_total__Mass_
volume__in_Serum,Plasma
1067 lifetime_care_plan_length<=2*active_care_plan_length+healthcare_coverage
1068 lifetime_care_plan_length<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood-
mean_Low_Density_Lipoprotein_Cholesterol
1069 lifetime_care_plan_length<=(2*encounters_lifetime_total_cost)^active_care_p
lan_length
1070 lifetime_care_plan_length<=healthcare_expenses^active_care_plans
1071 lifetime_care_plan_length<=10^DALY+Microalbumin_Creatinine_Ratio
1072 lifetime_care_plan_length<=QOLS*latitude^2
1073 lifetime_care_plan_length<=Carbon_Dioxide+healthcare_coverage-1
1074
lifetime_care_plan_length<=(log(Heart_rate)/log(10))^active_care_plan_length
1075 lifetime_care_plan_length<=10^Prostate_specific_Ag__Mass_volume__in_Serum,P
lasma+Diastolic_Blood_Pressure
1076
lifetime_care_plan_length<=2*active_care_plan_length+lifetime_condition_length
1077 lifetime_care_plan_length<=healthcare_expenses*lifetime_care_plans
1078 lifetime_care_plan_length<=log(encounters_count)^Albumin__Mass_volume__in_S
erum,Plasma
1079 lifetime_care_plan_length<=maximum(lifetime_condition_length,Triglycerides)
1080 lifetime_care_plan_length<=10^active_conditions/Platelet_mean_volume__Entit
ic_volume__in_Blood_by_Automated_count
1081 lifetime_care_plan_length<=maximum(age,10^active_care_plans)
```

```

1082 lifetime_care_plan_length<=sqrt(Erythrocyte_distribution_width__Entitic_volum
ume__by_Automated_count)^active_care_plans
1083 lifetime_care_plan_length<=High_Density_Lipoprotein_Cholesterol+e^active_co
nditions
1084 lifetime_care_plan_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*ceil(Gl
ucose)
1085 lifetime_care_plan_length<=Prostate_specific_Ag__Mass_volume__in_Serum,Plas
ma+lifetime_condition_length+1
1086 lifetime_care_plan_length<=Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count^2+Body_Weight
1087 lifetime_care_plan_length<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+lifet
ime_condition_length
1088 lifetime_care_plan_length<=maximum(lifetime_condition_length,10^Prostate_sp
ecific_Ag__Mass_volume__in_Serum,Plasma)
1089 lifetime_care_plan_length<=Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma^2+medications_lifetime
1090 lifetime_care_plan_length<=(Prostate_specific_Ag__Mass_volume__in_Serum,Pla
sma+1)*active_condition_length
1091 lifetime_care_plan_length<=minimum(healthcare_expenses,2*Left_ventricular_E
jection_fraction)
1092 lifetime_care_plan_length<=10^medications_active+Sodium
1093 lifetime_care_plan_length<=floor(Low_Density_Lipoprotein_Cholesterol)+mean_
Total_Cholesterol
1094 lifetime_care_plan_length<=10^medications_active+Triglycerides
1095 lifetime_care_plan_length<=age*log(encounters_lifetime_total_cost)/log(10)
1096 lifetime_care_plan_length<=active_care_plans^2*mean_Estimated_Glomerular_Fi
ltration_Rate
1097 lifetime_care_plan_length<=Leukocytes___volume__in_Blood_by_Automated_coun
t+Total_Cholesterol-1
1098 lifetime_care_plan_length<=Low_Density_Lipoprotein_Cholesterol+1/2*lifetime
_condition_length
1099 lifetime_care_plan_length<=2*Heart_rate+encounters_count
1100 lifetime_care_plan_length<=(e^QOLS)^Hemoglobin__Mass_volume__in_Blood
1101 lifetime_care_plan_length<=(log(Diastolic_Blood_Pressure)/log(10))^Calcium
1102 lifetime_care_plan_length<=(MCV__Entitic_volume__by_Automated_count-1)*DALY
1103 lifetime_care_plan_length<=(Creatinine+1)^Platelet_mean_volume__Entitic_volum
e__in_Blood_by_Automated_count
1104 lifetime_care_plan_length<=MCHC__Mass_volume__by_Automated_count*ceil(Hemog
lobin_A1c_Hemoglobin_total_in_Blood)
1105 lifetime_care_plan_length<=MCV__Entitic_volume__by_Automated_count+immuniza
tions_lifetime_cost-1
1106 lifetime_care_plan_length<=2*Estimated_Glomerular_Filtration_Rate+medicatio
ns_lifetime
1107 lifetime_care_plan_length<=Platelet_distribution_width__Entitic_volume__in_
Blood_by_Automated_count+1/2*encounters_count
1108 lifetime_care_plan_length<=mean_Globulin__Mass_volume__in_Serum_by_calculat
ion*sqrt(medications_lifetime_length)
1109 lifetime_care_plan_length<=maximum(active_care_plan_length,10^lifetime_care

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_plans)
1110 lifetime_care_plan_length<=sqrt(Glomerular_filtration_rate_1_73_sq_M_predic
ted)*Heart_rate
1111 lifetime_care_plan_length<=1/2*Potassium*Triglycerides
1112 lifetime_care_plan_length<=sqrt(Platelets___volume__in_Blood_by_Automated_
count)*encounters_count
1113 lifetime_care_plan_length<=sqrt(Respiratory_rate)^active_condition_length
1114 lifetime_care_plan_length<=floor(Leukocytes___volume__in_Blood_by_Automate
d_count)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
1115
lifetime_care_plan_length<=maximum(Triglycerides,2*lifetime_condition_length)
1116 lifetime_care_plan_length<=10^encounters_lifetime_perc_covered*MCV__Entitic
_volume__by_Automated_count
1117 lifetime_care_plan_length<=Urea_Nitrogen^2/num_allergies
1118 lifetime_care_plan_length<=Low_Density_Lipoprotein_Cholesterol^2/mean_Carbo
n_Dioxide
1119
lifetime_care_plan_length<=2*healthcare_coverage/Microalbumin_Creatinine_Ratio
1120 lifetime_care_plan_length<=Sodium*e^Creatinine
1121 lifetime_care_plan_length<=encounters_count^2+Body_Weight
1122 lifetime_care_plan_length<=(log(MCH__Entitic_mass__by_Automated_count)/log(
10))^active_care_plan_length
1123
lifetime_care_plan_length<=Urea_Nitrogen^2+MCHC__Mass_volume__by_Automated_count
1124 lifetime_care_plan_length<=(medications_lifetime_length-1)^Hemoglobin_A1c_H
emoglobin_total_in_Blood
1125 lifetime_care_plan_length<=10^medications_active*lifetime_condition_length
1126 lifetime_care_plan_length<=(log(Heart_rate)/log(10))^mean_Urea_Nitrogen
1127 lifetime_care_plan_length<=10^Potassium/mean_Estimated_Glomerular_Filtratio
n_Rate
1128 lifetime_care_plan_length<=10^Leukocytes___volume__in_Blood_by_Automated_c
ount/Body_Mass_Index
1129 lifetime_care_plan_length<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)^Hem
oglobin__Mass_volume__in_Blood
1130 lifetime_care_plan_length<=(log(Glucose)/log(10))^Calcium
1131 lifetime_care_plan_length<=(2*Microalbumin_Creatinine_Ratio)^Creatinine
1132 lifetime_care_plan_length>=num_allergies
1133 lifetime_care_plan_length>=-active_care_plan_length+2*active_care_plans
1134 lifetime_care_plan_length>=active_care_plan_length
1135 lifetime_care_plan_length>=log(Body_Mass_Index)*medications_lifetime_perc_c
overed
1136 lifetime_care_plan_length>=sqrt(Total_Cholesterol)-Bilirubin_total__Mass_vo
lume__in_Serum,Plasma
1137 lifetime_care_plan_length>=log(active_care_plan_length)/log(10)+Pain_severi
ty___0_10_verbal_numeric_rating__Score____Reported
1138 lifetime_care_plan_length>=(lifetime_care_plans+1)*Creatinine
1139 lifetime_care_plan_length>=(immunizations_lifetime-1)*MCHC__Mass_volume__by
_Automated_count

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1140 lifetime_care_plan_length>=(encounters_count+1)*num_allergies
1141 lifetime_care_plan_length>=active_care_plans^2-immunizations_lifetime
1142 lifetime_care_plan_length>=Erythrocytes___volume__in_Blood_by_Automated_co
unt*active_care_plans^2
1143 lifetime_care_plan_length>=active_care_plan_length+2*num_allergies
1144 lifetime_care_plan_length>=active_care_plan_length/Creatinine
1145 lifetime_care_plan_length>=active_care_plan_length*log(active_care_plans)
1146 lifetime_care_plan_length>=log(active_care_plan_length)/log(10)+DALY
1147 lifetime_care_plan_length>=sqrt(active_care_plans)^Potassium
1148 lifetime_care_plan_length>=(medications_lifetime_dispenses+1)/Alanine_amino
transferase__Enzymatic_activity_volume__in_Serum,Plasma
1149 lifetime_care_plan_length>=(Alkaline_phosphatase__Enzymatic_activity_volume
__in_Serum,Plasma+1)*num_allergies
1150 lifetime_care_plan_length>=(immunizations_lifetime_cost+1)/Carbon_Dioxide
1151 lifetime_care_plan_length>=2*medications_lifetime/mean_Estimated_Glomerular
_Filtration_Rate
1152 lifetime_care_plan_length>=log(Calcium)/log(10)+procedures_lifetime
1153 lifetime_care_plan_length>=Calcium^2-Protein__Mass_volume__in_Serum,Plasma
1154 lifetime_care_plan_length>=-Body_Height+Systolic_Blood_Pressure+1
1155 lifetime_care_plan_length>=-Prostate_specific_Ag__Mass_volume__in_Serum,Pla
sma+1/2*encounters_count
1156 lifetime_care_plan_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*log(Glo
merular_filtration_rate_1_73_sq_M_predicted)
1157 lifetime_care_plan_length>=active_care_plan_length*ceil(Bilirubin_total__Ma
ss_volume__in_Serum,Plasma)
1158 lifetime_care_plan_length>=log(Alanine_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma)*procedures_lifetime/log(10)
1159
lifetime_care_plan_length>=ceil(Triglycerides)/Microalbumin_Creatinine_Ratio
1160 lifetime_care_plan_length>=2*active_care_plan_length-
mean_Microalbumin_Creatinine_Ratio
1161 lifetime_care_plan_length>=(active_care_plans-1)*DALY
1162 lifetime_care_plan_length>=active_care_plan_length*log(lifetime_care_plans)
1163 lifetime_care_plan_length>=(log(Microalbumin_Creatinine_Ratio)/log(10))^Hem
oglobin_A1c_Hemoglobin_total_in_Blood
1164 lifetime_care_plan_length>=sqrt(MCV__Entitic_volume__by_Automated_count)*me
an_Creatinine
1165 lifetime_care_plan_length>=floor(Total_Cholesterol)/MCHC__Mass_volume__by_A
utomated_count
1166 lifetime_care_plan_length>=active_care_plan_length^2/Heart_rate
1167 lifetime_care_plan_length>=active_care_plan_length^2/MCHC__Mass_volume__by_
Automated_count
1168 lifetime_care_plan_length>=minimum(Glomerular_filtration_rate_1_73_sq_M_pre
dicted,active_care_plan_length+1)
1169 lifetime_care_plan_length>=e^Prostate_specific_Ag__Mass_volume__in_Serum,Pl
asma/Hemoglobin_A1c_Hemoglobin_total_in_Blood
1170 lifetime_care_plan_length>=active_care_plan_length
1171 lifetime_care_plan_length>=e^Pain_severity___0_10_verbal_numeric_rating__Sc

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ore___Reported*num_allergies
1172 lifetime_care_plan_length>=sqrt(Aspartate_aminotransferase__Enzymatic_activ
ity_volume__in_Serum,Plasma)*device_lifetime_length
1173 lifetime_care_plan_length>=(Calcium-1)/QOLS
1174 lifetime_care_plan_length>=active_care_plan_length-healthcare_coverage+1
1175 lifetime_care_plan_length>=active_conditions^2-mean_Total_Cholesterol
1176 lifetime_care_plan_length>=sqrt(procedures_lifetime_cost)/mean_Albumin__Mas
s_volume__in_Serum,Plasma
1177 lifetime_care_plan_length>=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*d
evice_lifetime_length
1178 lifetime_care_plan_length>=Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma*sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
1179 lifetime_care_plan_length>=DALY^2/mean_Carbon_Dioxide
1180 lifetime_care_plan_length>=1/2*medications_lifetime_dispenses/Aspartate_ami
notransferase__Enzymatic_activity_volume__in_Serum,Plasma
1181 lifetime_care_plan_length>=sqrt(encounters_lifetime_payer_coverage)-High_De
nsity_Lipoprotein_Cholesterol
1182
lifetime_care_plan_length>=1/2*imaging_studies_lifetime*medications_lifetime
1183 lifetime_care_plan_length>=Glucose*log(imaging_studies_lifetime)
1184 lifetime_care_plan_length>=2*Platelet_distribution_width__Entitic_volume__i
n_Blood_by_Automated_count/mean_Urea_Nitrogen
1185 lifetime_care_plan_length>=(1/2*medications_active)^mean_Creatinine
1186 lifetime_care_plan_length>=medications_active^2-Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood
1187 lifetime_care_plan_length>=procedures_lifetime^2-MCV__Entitic_volume__by_Au
tomated_count
1188 lifetime_care_plan_length>=(-Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported)^Potassium
1189 lifetime_care_plan_length>=active_care_plan_length/Creatinine
1190 lifetime_care_plan_length>=-Glomerular_filtration_rate_1_73_sq_M_predicted+
e^Potassium
1191 lifetime_care_plan_length>=Sodium*log(Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma)/log(10)
1192 lifetime_care_plan_length>=(Prostate_specific_Ag__Mass_volume__in_Serum,Pla
sma-1)*device_lifetime_length
1193 active_conditions<=lifetime_conditions
1194 active_conditions<=ceil(active_condition_length)
1195 active_conditions<=ceil(mean_Albumin__Mass_volume__in_Serum,Plasma^2)
1196 active_conditions<=minimum(Sodium,ceil(active_care_plan_length))
1197 active_conditions<=(active_condition_length-1)^Creatinine
1198 active_conditions<=-Carbon_Dioxide+ceil(age)
1199 active_conditions<=2*lifetime_care_plan_length/Albumin__Mass_volume__in_Ser
um,Plasma
1200 active_conditions<=2*Pain_severity___0_10_verbal_numeric_rating__Score___R
eported+active_care_plan_length
1201 active_conditions<=Aspartate_aminotransferase__Enzymatic_activity_volume__i
n_Serum,Plasma+active_care_plans

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1202 active_conditions<=1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+active_care_plan_length
1203 active_conditions<=ceil(DALY)/imaging_studies_lifetime
1204 active_conditions<=1/medications_lifetime+medications_lifetime_length
1205 active_conditions<=10^Creatinine+DALY
1206 active_conditions<=(log(Body_Mass_Index)/log(10))^lifetime_conditions
1207 active_conditions<=(log(Low_Density_Lipoprotein_Cholesterol)/log(10))^mean_Potassium
1208 active_conditions<=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,log(Body_temperature))
1209 active_conditions<=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+immunizations_lifetime_cost
1210 active_conditions>=num_allergies
1211 active_conditions>=lifetime_conditions*num_allergies
1212 active_conditions>=floor(encounters_lifetime_perc_covered)
1213 active_conditions>=1/2*active_care_plans
1214 active_conditions>=2*num_allergies
1215 active_conditions>=longitude^immunizations_lifetime_cost
1216 active_conditions>=lifetime_conditions-procedures_lifetime-1
1217 active_conditions>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported-active_care_plans
1218 active_conditions>=ceil(log(lifetime_condition_length)/log(10))
1219 active_conditions>=1/2*Pain_severity___0_10_verbal_numeric_rating__Score___Reported
1220 active_conditions>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score___Reported,floor(lifetime_conditions))
1221 active_conditions>=minimum(DALY,lifetime_conditions-1)
1222 active_conditions>=floor(Globulin__Mass_volume__in_Serum_by_calculation)
1223 active_conditions>=-Pain_severity___0_10_verbal_numeric_rating__Score___Reported+lifetime_conditions-1
1224
active_conditions>=-Albumin__Mass_volume__in_Serum,Plasma+lifetime_conditions+1
1225 active_conditions>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported-medications_active
1226 active_conditions>=ceil(Leukocytes___volume__in_Blood_by_Automated_count)-lifetime_conditions
1227 active_conditions>=Erythrocytes___volume__in_Blood_by_Automated_count-active_care_plans
1228 active_conditions>=minimum(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma,lifetime_conditions-1)
1229 active_conditions>=(lifetime_conditions-1)*Bilirubin_total__Mass_volume__in_Serum,Plasma
1230 active_conditions>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported^2/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
1231 active_conditions>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,lifetime_conditions-1)
1232 active_conditions>=minimum(Estimated_Glomerular_Filtration_Rate,procedures_lifetime+1)

```

1233 active_conditions>=1/2*Protein_Mass_volume__in_Serum,Plasma/medications_lifetime
 1234 active_conditions>=active_care_plans-healthcare_coverage
 1235 active_conditions>=active_care_plans-medications_active
 1236 active_conditions>=1/Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 1237 active_conditions>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma-immunizations_lifetime
 1238 active_conditions>=-Sodium+ceil(Estimated_Glomerular_Filtration_Rate)
 1239 active_conditions>=(log(FEV1_FVC)/log(10))^procedures_lifetime
 1240 active_conditions>=1/2*lifetime_care_plans/Creatinine
 1241 active_conditions>=(device_lifetime_length+1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 1242 active_conditions>=-Diastolic_Blood_Pressure+ceil(active_care_plan_length)
 1243
 active_conditions>=minimum(immunizations_lifetime_cost,lifetime_care_plans-1)
 1244 active_conditions>=floor(sqrt(DALY))
 1245 active_conditions>=lifetime_care_plans^2-Diastolic_Blood_Pressure
 1246 active_conditions>=minimum(Estimated_Glomerular_Filtration_Rate,lifetime_conditions-1)
 1247 active_conditions>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,medications_active-1)
 1248 active_conditions>=active_care_plans^2-medications_lifetime_cost
 1249 active_conditions>=log(Platelets___volume__in_Blood_by_Automated_count)-procedures_lifetime_cost
 1250 active_conditions>=-healthcare_coverage+lifetime_conditions
 1251
 active_conditions>=(log(DALY)/log(10))^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 1252 active_conditions>=-immunizations_lifetime_cost+medications_active
 1253 active_conditions>=-lifetime_care_plans+lifetime_conditions-1
 1254 active_conditions>=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)*lifetime_conditions
 1255 active_conditions>=minimum(lifetime_care_plans,device_lifetime_length)
 1256
 active_conditions>=(lifetime_conditions-1)*medications_lifetime_perc_covered
 1257 active_conditions>=-Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+ceil(device_lifetime_length)
 1258 active_conditions>=2*Microalbumin_Creatinine_Ratio/Diastolic_Blood_Pressure
 1259 active_conditions>=2*lifetime_condition_length/Low_Density_Lipoprotein_Cholesterol
 1260 active_conditions>=imaging_studies_lifetime+log(DALY)
 1261 active_conditions>=minimum(active_care_plans,lifetime_conditions-1)
 1262 active_conditions>=log(device_lifetime_length)/DALY
 1263
 active_conditions>=-Total_Cholesterol+e^Albumin__Mass_volume__in_Serum,Plasma
 1264 active_conditions>=-lifetime_care_plans+medications_active-1
 1265 active_conditions>=floor(sqrt(Hemoglobin_Mass_volume__in_Blood))
 1266 active_conditions>=2*medications_lifetime/Total_Cholesterol


```

1267 active_conditions>=-Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma+Creatinine
1268 active_conditions>=Potassium-encounters_count
1269 active_conditions>=1/2*sqrt(Microalbumin_Creatinine_Ratio)
1270 active_conditions>=mean_Glucose/mean_Estimated_Glomerular_Filtration_Rate
1271 active_conditions>=Leukocytes___volume__in_Blood_by_Automated_count*log(me
dications_active)/log(10)
1272 active_conditions>=minimum(Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count,floor(procedures_lifetime))
1273 active_conditions>=minimum(Potassium,mean_Pain_severity___0_10_verbal_numer
ic_rating__Score___Reported)
1274 active_conditions>=-Low_Density_Lipoprotein_Cholesterol+floor(QALY)
1275 active_conditions>=ceil(log(active_condition_length)/log(10))
1276 active_conditions>=-Platelets___volume__in_Blood_by_Automated_count+Total_
Cholesterol-1
1277 active_conditions>=log(Creatinine)/QOLS
1278 lifetime_conditions<=active_conditions+lifetime_care_plans+1
1279 lifetime_conditions<=active_conditions+procedures_lifetime+1
1280 lifetime_conditions<=10^active_conditions
1281 lifetime_conditions<=minimum(Sodium,2*active_conditions)
1282 lifetime_conditions<=(e^Potassium)^Creatinine
1283 lifetime_conditions<=ceil(lifetime_condition_length^2)
1284 lifetime_conditions<=encounters_count+1
1285 lifetime_conditions<=maximum(active_conditions,1/2*Alkaline_phosphatase__En
zymatic_activity_volume__in_Serum,Plasma)
1286 lifetime_conditions<=active_conditions/num_allergies
1287
lifetime_conditions<=10^(1/mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
1288 lifetime_conditions<=maximum(active_conditions,Platelet_mean_volume__Entiti
c_volume__in_Blood_by_Automated_count)
1289 lifetime_conditions<=maximum(active_conditions,Leukocytes___volume__in_Blo
od_by_Automated_count)
1290 lifetime_conditions<=Respiratory_rate+procedures_lifetime
1291 lifetime_conditions<=Pain_severity___0_10_verbal_numeric_rating__Score___R
eported+active_conditions+1
1292 lifetime_conditions<=maximum(active_conditions,floor(Platelet_mean_volume__
Entitic_volume__in_Blood_by_Automated_count))
1293 lifetime_conditions<=maximum(active_conditions,encounters_count-1)
1294 lifetime_conditions<=minimum(Platelet_distribution_width__Entitic_volume__i
n_Blood_by_Automated_count,active_conditions+1)
1295 lifetime_conditions<=10^active_care_plans+active_conditions
1296 lifetime_conditions<=sqrt(Glucose)*active_care_plans
1297 lifetime_conditions<=active_conditions+mean_Pain_severity___0_10_verbal_num
eric_rating__Score___Reported+1
1298 lifetime_conditions<=Respiratory_rate+procedures_lifetime_cost-1
1299
lifetime_conditions<=maximum(Heart_rate,log(encounters_lifetime_total_cost))
1300 lifetime_conditions<=e^active_conditions/Creatinine

```

1301 $\text{lifetime_conditions} \leq 2 * \text{active_condition_length} / \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}$
 1302 $\text{lifetime_conditions} \leq \text{minimum}(\text{Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count}, \text{medications_lifetime}^2)$
 1303 $\text{lifetime_conditions} \leq \text{active_conditions} + \text{healthcare_coverage}$
 1304 $\text{lifetime_conditions} \leq 10^{\text{active_conditions} / \text{active_condition_length}}$
 1305 $\text{lifetime_conditions} \leq \text{ceil}(\text{age}) / \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}$
 1306 $\text{lifetime_conditions} \leq \text{maximum}(\text{medications_lifetime}, 1 / \text{medications_lifetime_perc_covered})$
 1307 $\text{lifetime_conditions} \leq \text{maximum}(\text{active_conditions}, \text{encounters_count})$
 1308 $\text{lifetime_conditions} \leq \text{encounters_lifetime_perc_covered}^{\text{longitude}}$
 1309 $\text{lifetime_conditions} \leq \text{Urea_Nitrogen} + \text{procedures_lifetime_cost} - 1$
 1310 $\text{lifetime_conditions} \leq \text{lifetime_care_plans}^2 / \text{imaging_studies_lifetime}$
 1311 $\text{lifetime_conditions} \leq 2 * \text{Heart_rate} * \text{QOLS}$
 1312 $\text{lifetime_conditions} \leq \text{Respiratory_rate} + \text{active_care_plans}$
 1313 $\text{lifetime_conditions} \leq \text{Carbon_Dioxide} - \text{Leukocytes_volume_in_Blood_by_Automated_count}$
 1314 $\text{lifetime_conditions} \leq \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum}, \text{Plasma} - \text{Potassium}$
 1315 $\text{lifetime_conditions} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} * \text{ceil}(\text{DALY})$
 1316 $\text{lifetime_conditions} \leq \text{minimum}(\text{Triglycerides}, \text{active_conditions}^2)$
 1317 $\text{lifetime_conditions} \leq -\text{Diastolic_Blood_Pressure} + \text{ceil}(\text{Chloride})$
 1318 $\text{lifetime_conditions} \leq -\text{Chloride} + 2 * \text{Heart_rate}$
 1319 $\text{lifetime_conditions} \leq \log(\text{Low_Density_Lipoprotein_Cholesterol}) / \log(10) + \text{active_conditions}$
 1320 $\text{lifetime_conditions} \leq \sqrt{\text{Low_Density_Lipoprotein_Cholesterol}} + \text{procedures_lifetime_cost}$
 1321 $\text{lifetime_conditions} \leq 2 * \text{Low_Density_Lipoprotein_Cholesterol} / \text{mean_Calcium}$
 1322 $\text{lifetime_conditions} \leq \text{active_conditions} + \text{floor}(\text{Prostate_specific_Ag_Mass_volume_in_Serum}, \text{Plasma})$
 1323 $\text{lifetime_conditions} \leq 1 / \text{Bilirubin_total_Mass_volume_in_Serum}, \text{Plasma} + \text{active_conditions}$
 1324 $\text{lifetime_conditions} \leq \text{Potassium} + \text{mean_Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum}, \text{Plasma}$
 1325 $\text{lifetime_conditions} \leq \text{maximum}(\text{Sodium}, 2 * \text{Prostate_specific_Ag_Mass_volume_in_Serum}, \text{Plasma})$
 1326 $\text{lifetime_conditions} \leq \text{maximum}(\text{active_conditions}, 1/2 * \text{Hemoglobin_Mass_volume_in_Blood})$
 1327 $\text{lifetime_conditions} \leq \sqrt{\text{Estimated_Glomerular_Filtration_Rate}} + \text{DALY}$
 1328 $\text{lifetime_conditions} \leq \text{maximum}(\text{medications_lifetime}, \text{Globulin_Mass_volume_in_Serum_by_calculation})$
 1329 $\text{lifetime_conditions} \leq \log(\text{Microalbumin_Creatinine_Ratio}) / \log(10) + \text{active_conditions}$
 1330 $\text{lifetime_conditions} \leq \text{minimum}(\text{healthcare_expenses}, \sqrt{\text{Left_ventricular_Ejection_fraction}})$
 1331 $\text{lifetime_conditions} \leq 10^{\text{floor}(\text{Prostate_specific_Ag_Mass_volume_in_Serum}, \text{Plasma})}$

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1332 lifetime_conditions>=QOLS
1333 lifetime_conditions>=active_conditions
1334 lifetime_conditions>=ceil(log(procedures_lifetime))
1335 lifetime_conditions>=ceil(1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
1336 lifetime_conditions>=ceil(sqrt(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count))
1337 lifetime_conditions>=Creatinine-lifetime_care_plans
1338 lifetime_conditions>=lifetime_care_plans-medications_lifetime+1
1339 lifetime_conditions>=lifetime_care_plans^2/mean_Calcium
1340 lifetime_conditions>=minimum(device_lifetime_length,medications_active)
1341 lifetime_conditions>=Potassium-immunizations_lifetime_cost
1342 lifetime_conditions>=Glomerular_filtration_rate_1_73_sq_M_predicted/lifetime_care_plan_length
1343 lifetime_conditions>=minimum(Estimated_Glomerular_Filtration_Rate,ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood))
1344 lifetime_conditions>=-active_care_plan_length+floor(Leukocytes___volume__in_Blood_by_Automated_count)
1345 lifetime_conditions>=minimum(DALY,floor(medications_active))
1346 lifetime_conditions>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/mean_Creatinine
1347 lifetime_conditions>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/2*procedures_lifetime)
1348 lifetime_conditions>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported-medications_active+1
1349 lifetime_conditions>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-Systolic_Blood_Pressure+1
1350 lifetime_conditions>=log(Total_score__MMSE_)^immunizations_lifetime
1351
active_condition_length<=1/2*lifetime_condition_length+medications_lifetime_cost
1352 active_condition_length<=lifetime_condition_length
1353 active_condition_length<=1/2*Systolic_Blood_Pressure/num_allergies
1354 active_condition_length<=Body_Height-mean_Heart_rate
1355 active_condition_length<=2*Low_Density_Lipoprotein_Cholesterol-QALY
1356 active_condition_length<=1/Creatinine-longitude
1357 active_condition_length<=-active_care_plans+age-1
1358 active_condition_length<=maximum(active_care_plan_length,Heart_rate-1)
1359 active_condition_length<=maximum(active_care_plan_length,e^Albumin__Mass_volume__in_Serum,Plasma)
1360 active_condition_length<=active_conditions*healthcare_expenses
1361 active_condition_length<=(Creatinine+1)*latitude
1362 active_condition_length<=2*Carbon_Dioxide+Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
1363 active_condition_length<=(Creatinine+1)^Urea_Nitrogen
1364 active_condition_length<=sqrt(encounters_lifetime_payer_coverage)+MCH__Entitic_mass__by_Automated_count
1365 active_condition_length<=latitude+medications_lifetime_cost+1
1366 active_condition_length<=-Estimated_Glomerular_Filtration_Rate+floor(Body_H

```

```

eight)
1367 active_condition_length<=10^encounters_lifetime_perc_covered*QALY
1368 active_condition_length<=(QALY-1)/num_allergies
1369 active_condition_length<=10^DALY*Hemoglobin_A1c_Hemoglobin_total_in_Blood
1370 active_condition_length<=active_conditions^2+Alanine_aminotransferase__Enzy
matic_activity_volume__in_Serum,Plasma
1371 active_condition_length<=maximum(medications_lifetime_length,latitude+1)
1372 active_condition_length<=-Erythrocytes___volume__in_Blood_by_Automated_cou
nt+floor(age)
1373 active_condition_length<=Microalbumin_Creatinine_Ratio+2*Respiratory_rate
1374 active_condition_length<=sqrt(QOLS)*lifetime_condition_length
1375 active_condition_length<=active_conditions^2+QALY
1376 active_condition_length<=medications_lifetime^2/num_allergies
1377 active_condition_length<=-device_lifetime_length+lifetime_condition_length
1378 active_condition_length<=-Aspartate_aminotransferase__Enzymatic_activity_vo
lume__in_Serum,Plasma+lifetime_condition_length-1
1379 active_condition_length<=Leukocytes___volume__in_Blood_by_Automated_count+
1/2*lifetime_condition_length
1380 active_condition_length<=Respiratory_rate+1/2*lifetime_condition_length
1381 active_condition_length<=maximum(QALY,DALY^2)
1382 active_condition_length<=2*DALY+Heart_rate
1383 active_condition_length<=maximum(active_care_plan_length,2*QALY)
1384 active_condition_length<=2*Carbon_Dioxide+encounters_count
1385 active_condition_length<=1/2*Chloride/medications_lifetime_perc_covered
1386 active_condition_length<=sqrt(active_care_plans)+Protein__Mass_volume__in_S
erum,Plasma
1387 active_condition_length<=Heart_rate+procedures_lifetime_cost-1
1388 active_condition_length<=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasm
a+mean_Heart_rate
1389 active_condition_length<=4*mean_Albumin__Mass_volume__in_Serum,Plasma^2
1390 active_condition_length<=Hemoglobin__Mass_volume__in_Blood*ceil(Potassium)
1391 active_condition_length<=MCHC__Mass_volume__by_Automated_count+1/2*QALY
1392 active_condition_length<=maximum(active_care_plan_length,2*MCH__Entitic_mas
s__by_Automated_count)
1393 active_condition_length<=sqrt(Alkaline_phosphatase__Enzymatic_activity_volu
me__in_Serum,Plasma)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
1394 active_condition_length<=Body_Weight-mean_Potassium-1
1395 active_condition_length<=Erythrocyte_distribution_width__Entitic_volume__by
_Automated_count+immunizations_lifetime_cost-1
1396 active_condition_length<=(latitude-1)*Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma
1397
active_condition_length<=Carbon_Dioxide+1/2*Low_Density_Lipoprotein_Cholesterol
1398 active_condition_length<=(Erythrocyte_distribution_width__Entitic_volume__b
y_Automated_count-1)*DALY
1399 active_condition_length<=(Systolic_Blood_Pressure-1)*Creatinine
1400 active_condition_length<=maximum(latitude,2*Microalbumin_Creatinine_Ratio)
1401

```

$\text{active_condition_length} \leq \text{encounters_count} + \text{floor}(\text{Microalbumin_Creatinine_Ratio})$
1402 $\text{active_condition_length} \leq 2 * \text{QOLS} * \text{mean_Triglycerides}$
1403 $\text{active_condition_length} \leq \text{Sodium}^2 / \text{mean_Triglycerides}$
1404 $\text{active_condition_length} \leq \text{Total_Cholesterol} - \text{mean_Chloride} - 1$
1405 $\text{active_condition_length} \leq (1/2 * \text{Urea_Nitrogen})^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}}$
1406 $\text{active_condition_length} \leq \text{Creatinine} * \text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count}^2$
1407 $\text{active_condition_length} \leq \text{Hematocrit_Volume_Fraction_of_Blood_by_Automated_count} + \text{immunizations_lifetime_cost} - 1$
1408 $\text{active_condition_length} \leq \text{Erythrocytes_volume_in_Blood_by_Automated_count} + e^{\text{active_conditions}}$
1409 $\text{active_condition_length} \leq \text{Leukocytes_volume_in_Blood_by_Automated_count} * \text{encounters_count}$
1410 $\text{active_condition_length} \leq 2 * \text{Body_Height} / \text{Potassium}$
1411 $\text{active_condition_length} \leq 10^{\text{medications_active} * \text{Hematocrit_Volume_Fraction_of_Blood_by_Automated_count}}$
1412 $\text{active_condition_length} \leq -\text{lifetime_care_plans} + \text{mean_Diastolic_Blood_Pressure}$
1413 $\text{active_condition_length} \leq -\text{latitude} + \text{mean_Triglycerides}$
1414 $\text{active_condition_length} \leq \text{maximum}(\text{active_care_plan_length}, 2 * \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma})$
1415 $\text{active_condition_length} \leq \text{lifetime_condition_length}^2 - \text{lifetime_care_plans}$
1416 $\text{active_condition_length} \leq \text{active_care_plan_length} + e^{\text{Prostate_specific_Ag_Mass_volume_in_Serum,Plasma}}$
1417 $\text{active_condition_length} \leq -\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} + \text{lifetime_condition_length} + 1$
1418 $\text{active_condition_length} \leq \text{Respiratory_rate}^2 - \text{Diastolic_Blood_Pressure}$
1419 $\text{active_condition_length} \leq 2 * \text{ceil}(\text{High_Density_Lipoprotein_Cholesterol})$
1420
 $\text{active_condition_length} \leq (\log(\text{healthcare_expenses}) / \log(10))^{\text{active_conditions}}$
1421 $\text{active_condition_length} \leq \text{maximum}(\text{active_care_plan_length}, e^{\text{Leukocytes_volume_in_Blood_by_Automated_count}})$
1422 $\text{active_condition_length} \leq \text{maximum}(\text{active_care_plan_length}, \text{Microalbumin_Creatinine_Ratio}^2)$
1423 $\text{active_condition_length} \leq \text{active_care_plans}^2 * \text{mean_Estimated_Glomerular_Filtration_Rate}$
1424 $\text{active_condition_length} \leq 10^{\text{active_conditions} / \text{lifetime_conditions}}$
1425 $\text{active_condition_length} \leq 2 * \text{healthcare_coverage} / \text{immunizations_lifetime_cost}$
1426 $\text{active_condition_length} \leq \text{Urea_Nitrogen} * e^{\text{active_care_plans}}$
1427
 $\text{active_condition_length} \leq (\text{active_care_plan_length} - 1)^{\text{lifetime_condition_length}}$
1428 $\text{active_condition_length} \leq 2 * \text{active_care_plan_length} + \text{latitude}$
1429 $\text{active_condition_length} \leq \text{lifetime_condition_length}^2 / \text{procedures_lifetime}$
1430 $\text{active_condition_length} \leq e^{\text{active_conditions} / \text{imaging_studies_lifetime}}$
1431 $\text{active_condition_length} \leq \text{maximum}(\text{QALY}, e^{\text{active_conditions}})$
1432 $\text{active_condition_length} \leq \text{Carbon_Dioxide} + e^{\text{active_conditions}}$
1433 $\text{active_condition_length} \leq (\text{active_conditions} + 1) * \text{Respiratory_rate}$
1434 $\text{active_condition_length} \leq 1/2 * \text{Low_Density_Lipoprotein_Cholesterol} / \text{mean_Bilir}$

```

ubin_total_Mass_volume__in_Serum,Plasma
1435 active_condition_length<=Hematocrit__Volume_Fraction__of_Blood_by_Automated
_count+2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
1436 active_condition_length<=Hematocrit__Volume_Fraction__of_Blood_by_Automated
_count*log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
1437 active_condition_length<=10^medications_lifetime+QALY
1438 active_condition_length<=maximum(QALY,e^DALY)
1439 active_condition_length<=DALY^2+Estimated_Glomerular_Filtration_Rate
1440 active_condition_length>=num_allergies
1441 active_condition_length>=device_lifetime_length
1442 active_condition_length>=Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma+1/2*active_conditions
1443 active_condition_length>=sqrt(QOLS)*medications_active
1444 active_condition_length>=log(Carbon_Dioxide)/QOLS
1445 active_condition_length>=-Body_Weight+1/2*Systolic_Blood_Pressure
1446 active_condition_length>=active_care_plan_length*floor(encounters_lifetime_
perc_covered)
1447 active_condition_length>=-Urea_Nitrogen+1/2*age
1448 active_condition_length>=-Erythrocytes___volume__in_Blood_by_Automated_cou
nt+active_care_plan_length+1
1449 active_condition_length>=lifetime_care_plans*log(active_care_plans)
1450 active_condition_length>=1/2*active_care_plan_length-
immunizations_lifetime_cost
1451 active_condition_length>=minimum(Hematocrit__Volume_Fraction__of_Blood_by_A
utomated_count,abs(active_care_plan_length))
1452 active_condition_length>=2*DALY-procedures_lifetime_cost
1453 active_condition_length>=minimum(Potassium,abs(lifetime_condition_length))
1454 active_condition_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
^2+active_conditions
1455 active_condition_length>=minimum(mean_Estimated_Glomerular_Filtration_Rate,
floor(active_care_plan_length))
1456 active_condition_length>=maximum(FEV1_FVC,mean_Creatinine)
1457 active_condition_length>=2*lifetime_condition_length/mean_Carbon_Dioxide
1458 active_condition_length>=sqrt(Platelet_distribution_width__Entitic_volume__
in_Blood_by_Automated_count)-1
1459 active_condition_length>=Carbon_Dioxide-procedures_lifetime_cost+1
1460 active_condition_length>=Urea_Nitrogen-immunizations_lifetime_cost+1
1461 active_condition_length>=1/2*Body_Weight-latitude
1462 active_condition_length>=Bilirubin_total__Mass_volume__in_Serum,Plasma+e^im
aging_studies_lifetime
1463 active_condition_length>=Bilirubin_total__Mass_volume__in_Serum,Plasma+2*ac
tive_conditions
1464 active_condition_length>=active_care_plan_length*sqrt(medications_lifetime_
perc_covered)
1465 active_condition_length>=sqrt(medications_lifetime_length)+longitude
1466 active_condition_length>=2*Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma*encounters_lifetime_perc_covered
1467 active_condition_length>=-Heart_rate+floor(QALY)

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1468 active_condition_length>=(Creatinine+1)*Prostate_specific_Ag__Mass_volume__
 in_Serum,Plasma
 1469 active_condition_length>=(medications_lifetime_length+1)/Platelet_distribut
 ion_width__Entitic_volume__in_Blood_by_Automated_count
 1470 active_condition_length>=-Leukocytes___volume__in_Blood_by_Automated_count
 +active_care_plan_length+1
 1471 active_condition_length>=minimum(active_care_plans,active_care_plan_length)
 1472 active_condition_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 +device_lifetime_length+1
 1473 active_condition_length>=active_care_plan_length-healthcare_coverage
 1474 active_condition_length>=active_care_plan_length-medications_lifetime_cost
 1475 active_condition_length>=active_care_plan_length-
 medications_lifetime_dispenses
 1476 active_condition_length>=sqrt(medications_lifetime_dispenses)-Urea_Nitrogen
 1477 active_condition_length>=lifetime_conditions*log(Glucose)/log(10)
 1478 active_condition_length>=1/2*encounters_count*num_allergies
 1479 active_condition_length>=1/2*Low_Density_Lipoprotein_Cholesterol-
 MCHC__Mass_volume__by_Automated_count
 1480 active_condition_length>=10^num_allergies*mean_Creatinine
 1481
 active_condition_length>=-active_care_plans+log(medications_lifetime_dispenses)
 1482 active_condition_length>=minimum(Alanine_aminotransferase__Enzymatic_activi
 ty_volume__in_Serum,Plasma,abs(active_care_plan_length))
 1483 active_condition_length>=-Chloride+e^Pain_severity___0_10_verbal_numeric_ra
 ting__Score____Reported
 1484 active_condition_length>=1/2*medications_lifetime/mean_Calcium
 1485 active_condition_length>=medications_active^2-Alanine_aminotransferase__Enz
 ymatic_activity_volume__in_Serum,Plasma
 1486 active_condition_length>=2*active_care_plan_length/Potassium
 1487 active_condition_length>=ceil(device_lifetime_length)-medications_lifetime
 1488 active_condition_length>=medications_active^2-Carbon_Dioxide
 1489 active_condition_length>=minimum(Erythrocyte_distribution_width__Entitic_vo
 lume__by_Automated_count,1/active_care_plans)
 1490 active_condition_length>=1/2*Chloride-healthcare_coverage
 1491
 active_condition_length>=sqrt(Diastolic_Blood_Pressure)-procedures_lifetime_cost
 1492 active_condition_length>=Pain_severity___0_10_verbal_numeric_rating__Score_
 __Reported^2-medications_lifetime
 1493 active_condition_length>=2*DALY-active_care_plan_length
 1494 active_condition_length>=2*DALY-medications_lifetime
 1495 active_condition_length>=1/2*QALY*imaging_studies_lifetime
 1496 active_condition_length>=minimum(Erythrocyte_distribution_width__Entitic_vo
 lume__by_Automated_count,2*device_lifetime_length)
 1497 active_condition_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 *log(encounters_lifetime_payer_coverage)
 1498 active_condition_length>=(Alanine_aminotransferase__Enzymatic_activity_volu
 me__in_Serum,Plasma+1)*num_allergies
 1499 active_condition_length>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plas

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ma/encounters_lifetime_perc_covered
1500 active_condition_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
*lifetime_conditions
1501 active_condition_length>=(encounters_lifetime_perc_covered+1)*Pain_severity
__0_10_verbal_numeric_rating__Score____Reported
1502 active_condition_length>=1/2*Aspartate_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma*Pain_severity__0_10_verbal_numeric_rating__Score____Re
ported
1503 active_condition_length>=maximum(Body_temperature,-Triglycerides)
1504 active_condition_length>=(Creatinine-1)*longitude
1505 active_condition_length>=-Creatinine+1/2*active_care_plan_length
1506 active_condition_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-immuniz
ations_lifetime_cost
1507 active_condition_length>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
+1/2*active_care_plan_length
1508 active_condition_length>=2*Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma-encounters_count
1509 active_condition_length>=sqrt(NT_proBNP)^procedures_lifetime
1510 lifetime_condition_length<=sqrt(medications_lifetime_cost)+Body_Height
1511 lifetime_condition_length<=(active_condition_length+1)*lifetime_conditions
1512 lifetime_condition_length<=floor(QALY)^2
1513 lifetime_condition_length<=1/2*10^active_conditions
1514 lifetime_condition_length<=Aspartate_aminotransferase__Enzymatic_activity_v
olume__in_Serum,Plasma*ceil(active_condition_length)
1515 lifetime_condition_length<=Systolic_Blood_Pressure+e^active_conditions
1516
lifetime_condition_length<=e^Glomerular_filtration_rate_1_73_sq_M_predicted-
lifetime_care_plan_length
1517 lifetime_condition_length<=2*active_condition_length+healthcare_coverage
1518 lifetime_condition_length<=-Leukocytes___volume__in_Blood_by_Automated_cou
nt+2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
1519 lifetime_condition_length<=DALY^2+Platelet_distribution_width__Entitic_volu
me__in_Blood_by_Automated_count
1520 lifetime_condition_length<=(e^encounters_count)^Bilirubin_total__Mass_volum
e__in_Serum,Plasma
1521 lifetime_condition_length<=2*active_care_plans*mean_Glucose
1522 lifetime_condition_length<=1/2*healthcare_expenses/Glucose
1523 lifetime_condition_length<=10^Creatinine*Glucose
1524 lifetime_condition_length<=e^active_condition_length+1
1525 lifetime_condition_length<=Urea_Nitrogen*active_conditions^2
1526 lifetime_condition_length<=2*encounters_lifetime_total_cost/Calcium
1527 lifetime_condition_length<=10^encounters_count-QALY
1528 lifetime_condition_length<=(e^Alanine_aminotransferase__Enzymatic_activity_
volume__in_Serum,Plasma)^QOLS
1529 lifetime_condition_length<=10^active_care_plans*Systolic_Blood_Pressure
1530 lifetime_condition_length<=1/2*Low_Density_Lipoprotein_Cholesterol*active_c
onditions
1531 lifetime_condition_length<=Albumin__Mass_volume__in_Serum,Plasma*sqrt(encou

```



```

nters_lifetime_total_cost)
1532 lifetime_condition_length<=(Urea_Nitrogen+1)*MCH__Entitic_mass__by_Automate
d_count
1533 lifetime_condition_length<=2*Body_Mass_Index*lifetime_conditions
1534 lifetime_condition_length<=(log(Low_Density_Lipoprotein_Cholesterol)/log(10
))^active_condition_length
1535 lifetime_condition_length<=floor(Urea_Nitrogen)^mean_Hemoglobin_A1c_Hemoglo
bin_total_in_Blood
1536 lifetime_condition_length<=active_care_plan_length^2+Bilirubin_total__Mass_
volume__in_Serum,Plasma
1537 lifetime_condition_length<=2*medications_lifetime_length/Hemoglobin__Mass_v
olume__in_Blood
1538 lifetime_condition_length<=Carbon_Dioxide*sqrt(Platelets___volume__in_Bloo
d_by_Automated_count)
1539 lifetime_condition_length<=floor(Alkaline_phosphatase__Enzymatic_activity_v
olume__in_Serum,Plasma)*medications_lifetime
1540 lifetime_condition_length<=(log(latitude)/log(10))^mean_Respiratory_rate
1541
lifetime_condition_length<=e^lifetime_care_plan_length/active_care_plan_length
1542 lifetime_condition_length<=active_conditions^2*mean_Urea_Nitrogen
1543 lifetime_condition_length<=Sodium+medications_lifetime_cost-1
1544 lifetime_condition_length<=10^DALY+Body_Height
1545 lifetime_condition_length<=-lifetime_conditions*longitude
1546 lifetime_condition_length<=10^Creatinine*Microalbumin_Creatinine_Ratio
1547 lifetime_condition_length<=DALY^2+Platelets___volume__in_Blood_by_Automate
d_count
1548 lifetime_condition_length<=maximum(medications_lifetime_cost,Sodium-1)
1549 lifetime_condition_length<=sqrt(medications_lifetime_cost)+Estimated_Glomer
ular_Filtration_Rate
1550 lifetime_condition_length<=(Hematocrit__Volume_Fraction__of_Blood_by_Automa
ted_count+1)*active_conditions
1551 lifetime_condition_length<=Alanine_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma+e^active_conditions
1552 lifetime_condition_length<=10^lifetime_care_plan_length/medications_lifetim
e_perc_covered
1553 lifetime_condition_length<=Sodium+1/2*medications_lifetime_dispenses
1554 lifetime_condition_length<=10^DALY+MCV__Entitic_volume__by_Automated_count
1555 lifetime_condition_length<=sqrt(healthcare_expenses)+Carbon_Dioxide
1556 lifetime_condition_length<=floor(Erythrocytes___volume__in_Blood_by_Automa
ted_count)^active_conditions
1557 lifetime_condition_length<=sqrt(Estimated_Glomerular_Filtration_Rate)*encou
nters_count
1558 lifetime_condition_length<=log(Erythrocyte_distribution_width__Entitic_volu
me__by_Automated_count)*mean_Low_Density_Lipoprotein_Cholesterol
1559 lifetime_condition_length<=10^active_conditions/DALY
1560
lifetime_condition_length<=(Glucose-1)*mean_Estimated_Glomerular_Filtration_Rate
1561 lifetime_condition_length<=10^active_condition_length/Body_Mass_Index

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```

1562 lifetime_condition_length<=(Platelet_mean_volume__Entitic_volume__in_Blood_
by_Automated_count+1)*active_condition_length
1563 lifetime_condition_length<=e^active_condition_length/medications_lifetime
1564 lifetime_condition_length<=ceil(Leukocytes____volume__in_Blood_by_Automated
_count)*mean_Diastolic_Blood_Pressure
1565 lifetime_condition_length<=Total_Cholesterol^2/QALY
1566 lifetime_condition_length<=mean_Glucose^Prostate_specific_Ag__Mass_volume__
in_Serum,Plasma
1567 lifetime_condition_length<=Triglycerides*ceil(DALY)
1568 lifetime_condition_length<=(Respiratory_rate+1)*mean_Microalbumin_Creatinin
e_Ratio
1569 lifetime_condition_length<=(Glucose+1)*Leukocytes____volume__in_Blood_by_Au
tomated_count
1570 lifetime_condition_length<=10^DALY+Sodium
1571 lifetime_condition_length<=Sodium*ceil(DALY)
1572 lifetime_condition_length<=10^Estimated_Glomerular_Filtration_Rate+lifetime
_conditions
1573
lifetime_condition_length<=maximum(medications_lifetime_dispatches,2*Heart_rate)
1574 lifetime_condition_length<=log(Urea_Nitrogen)^mean_Urea_Nitrogen
1575 lifetime_condition_length<=minimum(healthcare_expenses,FEV1_FVC^2)
1576 lifetime_condition_length<=10^Pain_severity___0_10_verbal_numeric_rating__S
core___Reported*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automa
ted_count
1577 lifetime_condition_length<=2*Body_Height+procedures_lifetime_cost
1578 lifetime_condition_length<=Low_Density_Lipoprotein_Cholesterol^2/active_con
ditions
1579 lifetime_condition_length<=(e^Creatinine)^Platelet_mean_volume__Entitic_vol
ume__in_Blood_by_Automated_count
1580 lifetime_condition_length<=Carbon_Dioxide^2*Creatinine
1581
lifetime_condition_length<=(log(Carbon_Dioxide)/log(10))^active_condition_length
1582 lifetime_condition_length<=10^Prostate_specific_Ag__Mass_volume__in_Serum,P
lasma+Systolic_Blood_Pressure
1583 lifetime_condition_length>=log(immunizations_lifetime_cost)/(encounters_lif
etime_payer_coverage*log(10))
1584 lifetime_condition_length>=2*active_care_plans
1585 lifetime_condition_length>=active_condition_length
1586 lifetime_condition_length>=Pain_severity___0_10_verbal_numeric_rating__Scor
e___Reported^2
1587 lifetime_condition_length>=sqrt(Microalbumin_Creatinine_Ratio)-longitude
1588
lifetime_condition_length>=active_condition_length*log(encounters_count)/log(10)
1589 lifetime_condition_length>=2*device_lifetime_length
1590 lifetime_condition_length>=lifetime_care_plan_length+longitude+1
1591 lifetime_condition_length>=1/2*procedures_lifetime_cost/Microalbumin_Creati
nine_Ratio
1592 lifetime_condition_length>=(1/Creatinine)^lifetime_conditions

```

1593 lifetime_condition_length>=minimum(Protein__Mass_volume__in_Serum,Plasma,abs(lifetime_care_plan_length))
1594 lifetime_condition_length>=Leukocytes___volume__in_Blood_by_Automated_count*log(Body_Height)
1595
lifetime_condition_length>=1/2*Microalbumin_Creatinine_Ratio+procedures_lifetime
1596 lifetime_condition_length>=ceil(Body_Height)-mean_Estimated_Glomerular_Filtration_Rate
1597 lifetime_condition_length>=active_care_plan_length^2/Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
1598 lifetime_condition_length>=active_condition_length*log(active_conditions)
1599 lifetime_condition_length>=2*active_condition_length-medications_lifetime_cost
1600 lifetime_condition_length>=minimum(Sodium,medications_lifetime-1)
1601 lifetime_condition_length>=-age+lifetime_care_plan_length+1
1602 lifetime_condition_length>=(log(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)/log(10))^QALY
1603 lifetime_condition_length>=DALY*sqrt(active_care_plan_length)
1604 lifetime_condition_length>=2*active_care_plan_length-medications_lifetime_cost
1605 lifetime_condition_length>=Calcium^2-immunizations_lifetime_cost
1606 lifetime_condition_length>=lifetime_conditions*log(Urea_Nitrogen)
1607 lifetime_condition_length>=Carbon_Dioxide*ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
1608 lifetime_condition_length>=(DALY+1)*Leukocytes___volume__in_Blood_by_Automated_count
1609 lifetime_condition_length>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
1610 lifetime_condition_length>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+floor(lifetime_care_plan_length)
1611 lifetime_condition_length>=log(Hemoglobin__Mass_volume__in_Blood)*mean_Carbon_Dioxide
1612 lifetime_condition_length>=-MCHC__Mass_volume__by_Automated_count+lifetime_care_plan_length+1
1613 lifetime_condition_length>=10^QOLS*num_allergies
1614 lifetime_condition_length>=latitude*log(DALY)/log(10)
1615 lifetime_condition_length>=(1/2*active_care_plans)^Potassium
1616 lifetime_condition_length>=(1/2*active_care_plans)^mean_Potassium
1617 lifetime_condition_length>=-Body_Height+mean_Triglycerides
1618 lifetime_condition_length>=(1/2*Systolic_Blood_Pressure)^Bilirubin_total_Mass_volume__in_Serum,Plasma
1619 lifetime_condition_length>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,1/medications_active)
1620 lifetime_condition_length>=Erythrocytes___volume__in_Blood_by_Automated_count*e^Creatinine
1621 lifetime_condition_length>=-Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+Platelets___volume__in_Blood_by_Automated_count+1
1622 lifetime_condition_length>=sqrt(Estimated_Glomerular_Filtration_Rate)+encou

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nters_count
1623 lifetime_condition_length>=2*procedures_lifetime/mean_Bilirubin_total__Mass
_volume__in_Serum,Plasma
1624 lifetime_condition_length>=DALY*log(healthcare_expenses)/log(10)
1625 lifetime_condition_length>=imaging_studies_lifetime*latitude
1626 lifetime_condition_length>=-Body_Mass_Index+2*active_condition_length
1627 lifetime_condition_length>=-Triglycerides+1/2*medications_lifetime
1628 lifetime_condition_length>=-Total_Cholesterol+2*lifetime_care_plan_length
1629 lifetime_condition_length>=Bilirubin_total__Mass_volume__in_Serum,Plasma*li
ifetime_care_plan_length
1630 lifetime_condition_length>=10^imaging_studies_lifetime*DALY
1631 lifetime_condition_length>=(medications_active+1)*DALY
1632 lifetime_condition_length>=2*medications_lifetime_dispenses/MCH__Entitic_ma
ss__by_Automated_count
1633 lifetime_condition_length>=minimum(Microalbumin_Creatinine_Ratio,2*lifetime
_care_plan_length)
1634 lifetime_condition_length>=Diastolic_Blood_Pressure*log(device_lifetime_len
gth)/log(10)
1635 lifetime_condition_length>=-Alkaline_phosphatase__Enzymatic_activity_volume
__in_Serum,Plasma+Low_Density_Lipoprotein_Cholesterol+1
1636 lifetime_condition_length>=High_Density_Lipoprotein_Cholesterol-
procedures_lifetime_cost+1
1637 lifetime_condition_length>=device_lifetime_length^2/mean_Albumin__Mass_volu
me__in_Serum,Plasma
1638 lifetime_condition_length>=sqrt(procedures_lifetime_cost)-MCV__Entitic_volu
me__by_Automated_count
1639 lifetime_condition_length>=Platelet_mean_volume__Entitic_volume__in_Blood_b
y_Automated_count^2-mean_High_Density_Lipoprotein_Cholesterol
1640 lifetime_condition_length>=e^Leukocytes___volume__in_Blood_by_Automated_co
unt/Sodium
1641
lifetime_condition_length>=-Body_Height+2*Estimated_Glomerular_Filtration_Rate
1642 lifetime_condition_length>=ceil(Alkaline_phosphatase__Enzymatic_activity_vo
lume__in_Serum,Plasma)-lifetime_care_plan_length
1643 lifetime_condition_length>=(1/2*medications_lifetime)^QOLS
1644 lifetime_condition_length>=(Microalbumin_Creatinine_Ratio+1)*num_allergies
1645 lifetime_condition_length>=minimum(mean_Microalbumin_Creatinine_Ratio,mean_
Triglycerides)
1646 lifetime_condition_length>=Sodium+log(imaging_studies_lifetime)
1647 lifetime_condition_length>=log(procedures_lifetime)*medications_active
1648
lifetime_condition_length>=Triglycerides*log(device_lifetime_length)/log(10)
1649 lifetime_condition_length>=MCHC__Mass_volume__by_Automated_count*sqrt(immun
izations_lifetime)
1650 lifetime_condition_length>=DALY^2/Hemoglobin_A1c_Hemoglobin_total_in_Blood
1651 lifetime_condition_length>=lifetime_conditions^2-mean_Estimated_Glomerular_
Filtration_Rate
1652 lifetime_condition_length>=sqrt(procedures_lifetime_cost)-Total_Cholesterol

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1653 lifetime_condition_length>=(1/2*Total_score_MMSE_)^immunizations_lifetime
1654 lifetime_condition_length>=(log(Systolic_Blood_Pressure)/log(10))^Prostate_
specific_Ag_Mass_volume_in_Serum,Plasma
1655
lifetime_condition_length>=lifetime_care_plan_length+log(device_lifetime_length)
1656 lifetime_condition_length>=QALY*log(device_lifetime_length)/log(10)
1657 lifetime_condition_length>=device_lifetime_length*e^immunizations_lifetime
1658 lifetime_condition_length>=(procedures_lifetime-1)*Albumin_Mass_volume_in
_Serum,Plasma
1659 lifetime_condition_length>=-healthcare_coverage+medications_lifetime+1
1660 lifetime_condition_length>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*Prostat
e_specific_Ag_Mass_volume_in_Serum,Plasma^2
1661 lifetime_condition_length>=10^QOLS*DALY
1662
lifetime_condition_length>=minimum(High_Density_Lipoprotein_Cholesterol,10^DALY)
1663 lifetime_condition_length>=Glucose*log(Prostate_specific_Ag_Mass_volume__i
n_Serum,Plasma)
1664 lifetime_condition_length>=(-Hemoglobin_Mass_volume_in_Blood)^immunizatio
ns_lifetime
1665
lifetime_condition_length>=sqrt(Microalbumin_Creatinine_Ratio)+encounters_count
1666 device_lifetime_length<=active_condition_length
1667 device_lifetime_length<=healthcare_coverage
1668 device_lifetime_length<=sqrt(QOLS-1)
1669 device_lifetime_length<=log(medications_active)^Body_Weight
1670 device_lifetime_length<=medications_lifetime_perc_covered/num_allergies
1671 device_lifetime_length<=immunizations_lifetime/num_allergies
1672 device_lifetime_length<=procedures_lifetime/Bilirubin_total_Mass_volume__i
n_Serum,Plasma
1673 device_lifetime_length<=log(active_care_plan_length)^healthcare_expenses
1674
device_lifetime_length<=immunizations_lifetime_cost/imaging_studies_lifetime
1675 device_lifetime_length<=active_condition_length^healthcare_expenses
1676 device_lifetime_length<=maximum(Heart_rate,1/procedures_lifetime_cost)
1677 device_lifetime_length<=active_care_plans^Triglycerides
1678 device_lifetime_length<=log(active_conditions)^Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood
1679 device_lifetime_length<=immunizations_lifetime_cost^Platelet_distribution_w
idth__Entitic_volume_in_Blood_by_Automated_count
1680 device_lifetime_length<=immunizations_lifetime_cost^Prostate_specific_Ag_M
ass_volume_in_Serum,Plasma
1681
device_lifetime_length<=(Body_Mass_Index-1)/encounters_lifetime_perc_covered
1682 device_lifetime_length<=1/(Globulin_Mass_volume_in_Serum_by_calculation*i
mmunizations_lifetime)
1683 device_lifetime_length<=(log(Urea_Nitrogen)/log(10))^healthcare_expenses
1684 device_lifetime_length<=log(Pain_severity___0_10_verbal_numeric_rating__Sco
re___Reported)^Triglycerides

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1685 device_lifetime_length<=DALY*healthcare_expenses
 1686 device_lifetime_length<=Pain_severity___0_10_verbal_numeric_rating__Score__
 __Reported*healthcare_expenses
 1687 device_lifetime_length<=active_care_plan_length+floor(QALY)
 1688 device_lifetime_length<=procedures_lifetime_cost/medications_lifetime_perc_
 covered
 1689 device_lifetime_length<=procedures_lifetime_cost^Estimated_Glomerular_Filtr
 ation_Rate
 1690 device_lifetime_length<=10^DALY/encounters_lifetime_perc_covered
 1691 device_lifetime_length<=num_allergies^FEV1_FVC
 1692 device_lifetime_length<=medications_lifetime^Respiratory_rate
 1693 device_lifetime_length<=Triglycerides*floor(Creatinine)
 1694 device_lifetime_length<=10^Microalbumin_Creatinine_Ratio*num_allergies
 1695 device_lifetime_length<=active_care_plan_length/medications_lifetime_perc_c
 overed
 1696 device_lifetime_length<=1/2*Chloride+mean_Pain_severity___0_10_verbal_numer
 ic_rating__Score___Reported
 1697 device_lifetime_length<=log(Globulin_Mass_volume__in_Serum_by_calculation)
 ^healthcare_expenses
 1698 device_lifetime_length<=-active_condition_length+lifetime_condition_length
 1699 device_lifetime_length<=(medications_active-1)^Body_Weight
 1700 device_lifetime_length<=10^DALY/medications_lifetime_dispenses
 1701 device_lifetime_length<=1/2*medications_lifetime_length/MCH__Entitic_mass__
 by_Automated_count
 1702 device_lifetime_length<=(2*Creatinine)^lifetime_conditions
 1703 device_lifetime_length<=10^encounters_lifetime_perc_covered+medications_lif
 etime_cost
 1704 device_lifetime_length<=Microalbumin_Creatinine_Ratio*medications_lifetime_
 perc_covered
 1705 device_lifetime_length<=Heart_rate*medications_active
 1706 device_lifetime_length<=procedures_lifetime/num_allergies
 1707 device_lifetime_length<=(DALY-1)^healthcare_expenses
 1708 device_lifetime_length<=minimum(healthcare_expenses,Hemoglobin_gastrointest
 inal__Presence__in_Stool_by_Immunologic_method)
 1709 device_lifetime_length<=floor(DALY)^Respiratory_rate
 1710 device_lifetime_length<=-MCH__Entitic_mass__by_Automated_count+MCV__Entitic
 _volume__by_Automated_count
 1711 device_lifetime_length<=(procedures_lifetime-1)^Glomerular_filtration_rate_
 1_73_sq_M_predicted
 1712 device_lifetime_length<=(procedures_lifetime-1)^Estimated_Glomerular_Filtra
 tion_Rate
 1713 device_lifetime_length<=1/num_allergies-1
 1714 device_lifetime_length<=(active_care_plans-1)*Sodium
 1715 device_lifetime_length<=floor(QOLS)^History_of_Hospitalizations_Outpatient_
 visits
 1716 device_lifetime_length<=active_care_plan_length*log(active_care_plans)
 1717 device_lifetime_length>=num_allergies-1
 1718 device_lifetime_length>=-healthcare_coverage

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1719 device_lifetime_length>=-num_allergies
1720 device_lifetime_length>=maximum(Total_score_MMSE_,-Triglycerides)
1721 device_lifetime_length>=-QALY+1/2*latitude
1722 device_lifetime_length>=e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*imaging_studies_lifetime
1723
device_lifetime_length>=-Hemoglobin__Mass_volume__in_Blood+active_conditions-1
1724 device_lifetime_length>=-Estimated_Glomerular_Filtration_Rate+Pain_severity
__0_10_verbal_numeric_rating__Score___Reported-1
1725 device_lifetime_length>=Leukocytes___volume__in_Blood_by_Automated_count^2
-Low_Density_Lipoprotein_Cholesterol
1726 device_lifetime_length>=floor(Leukocytes___volume__in_Blood_by_Automated_c
ount)-lifetime_care_plan_length
1727 device_lifetime_length>=-Platelet_distribution_width__Entitic_volume__in_Bl
ood_by_Automated_count+1/2*Platelets___volume__in_Blood_by_Automated_count
1728 device_lifetime_length>=-MCH__Entitic_mass__by_Automated_count+floor(Body_M
ass_Index)
1729 encounters_count<=1/2*encounters_lifetime_total_cost/latitude
1730 encounters_count<=(encounters_lifetime_total_cost-1)/Chloride
1731
encounters_count<=sqrt(encounters_lifetime_total_cost)+procedures_lifetime_cost
1732 encounters_count<=10^medications_lifetime/medications_active
1733 encounters_count<=ceil(latitude)+medications_lifetime
1734 encounters_count<=maximum(medications_lifetime,10^Prostate_specific_Ag__Mas
s_volume__in_Serum,Plasma)
1735 encounters_count<=floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_A
utomated_count)+medications_lifetime
1736 encounters_count<=2*Heart_rate*Hemoglobin_A1c_Hemoglobin_total_in_Blood
1737 encounters_count<=2*encounters_lifetime_total_cost/Total_Cholesterol
1738 encounters_count<=(healthcare_coverage-1)/MCV__Entitic_volume__by_Automated
_count
1739 encounters_count<=floor(Body_Mass_Index)*lifetime_conditions
1740 encounters_count<=maximum(lifetime_condition_length,floor(QALY))
1741 encounters_count<=2*encounters_lifetime_payer_coverage/MCHC__Mass_volume__b
y_Automated_count
1742 encounters_count<=healthcare_coverage+lifetime_condition_length-1
1743
encounters_count<=(encounters_lifetime_total_cost-1)/Diastolic_Blood_Pressure
1744 encounters_count<=active_condition_length^2/Pain_severity__0_10_verbal_num
eric_rating__Score___Reported
1745 encounters_count<=floor(lifetime_care_plan_length)/num_allergies
1746 encounters_count<=(encounters_lifetime_total_cost-1)/Body_Weight
1747 encounters_count<=ceil(lifetime_condition_length)+procedures_lifetime
1748 encounters_count<=Heart_rate*log(Hematocrit__Volume_Fraction__of_Blood_by_A
utomated_count)
1749 encounters_count<=(encounters_lifetime_total_cost-1)/mean_Chloride
1750 encounters_count<=sqrt(healthcare_coverage)+latitude
1751 encounters_count<=sqrt(Platelet_mean_volume__Entitic_volume__in_Blood_by_Au

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tomated_count)*medications_lifetime
1752 encounters_count<=sqrt(Platelets___volume__in_Blood_by_Automated_count)*me
an_Urea_Nitrogen
1753 encounters_count<=10^active_conditions+1
1754 encounters_count<=sqrt(medications_lifetime_length)/num_allergies
1755 encounters_count<=(Carbon_Dioxide+1)^Prostate_specific_Ag__Mass_volume__in_
Serum,Plasma
1756 encounters_count<=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted*medica
tions_lifetime
1757 encounters_count<=2*encounters_lifetime_total_cost/Body_Height
1758 encounters_count<=DALY*Sodium
1759 encounters_count<=(QALY^2)^Creatinine
1760 encounters_count<=10^lifetime_conditions-medications_active
1761 encounters_count<=2*Low_Density_Lipoprotein_Cholesterol/encounters_lifetime
_perc_covered
1762 encounters_count<=(Chloride-1)/imaging_studies_lifetime
1763 encounters_count<=sqrt(Microalbumin_Creatinine_Ratio)^mean_Microalbumin_Cre
atinine_Ratio
1764 encounters_count<=1/2*Diastolic_Blood_Pressure*Respiratory_rate
1765 encounters_count<=ceil(Carbon_Dioxide)+healthcare_coverage
1766 encounters_count<=lifetime_care_plan_length^2-Sodium
1767 encounters_count<=2*Leukocytes___volume__in_Blood_by_Automated_count+medic
ations_lifetime
1768 encounters_count<=DALY*floor(Hematocrit__Volume_Fraction__of_Blood_by_Autom
ated_count)
1769 encounters_count<=Microalbumin_Creatinine_Ratio*mean_Calcium
1770 encounters_count<=log(Diastolic_Blood_Pressure)^Potassium
1771 encounters_count<=mean_Calcium*mean_Microalbumin_Creatinine_Ratio
1772 encounters_count<=e^lifetime_care_plan_length/active_care_plans
1773 encounters_count<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+medication
s_lifetime_cost
1774 encounters_count<=(e^latitude)^QOLS
1775 encounters_count<=maximum(mean_Triglycerides,e^Leukocytes___volume__in_Blo
od_by_Automated_count)
1776 encounters_count<=10^active_care_plans/imaging_studies_lifetime
1777 encounters_count<=10^active_care_plans+Heart_rate
1778 encounters_count<=1/2*Respiratory_rate+medications_lifetime_cost
1779 encounters_count<=log(active_care_plan_length)^mean_Potassium
1780 encounters_count<=medications_lifetime^2-Alanine_aminotransferase__Enzymati
c_activity_volume__in_Serum,Plasma
1781
encounters_count<=10^active_conditions/MCHC__Mass_volume__by_Automated_count
1782 encounters_count<=maximum(age,e^active_conditions)
1783 encounters_count<=Body_Mass_Index+e^active_conditions
1784 encounters_count<=Carbon_Dioxide+e^active_conditions
1785 encounters_count<=lifetime_condition_length+2*lifetime_conditions
1786 encounters_count<=medications_lifetime^2+Respiratory_rate
1787 encounters_count<=Low_Density_Lipoprotein_Cholesterol+e^DALY

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1788 encounters_count<=Leukocytes___volume__in_Blood_by_Automated_count+2*medic
ations_lifetime
1789 encounters_count<=(MCHC__Mass_volume__by_Automated_count^2)^Creatinine
1790
encounters_count<=Low_Density_Lipoprotein_Cholesterol+procedures_lifetime_cost-1
1791 encounters_count<=10^DALY*Hemoglobin_A1c_Hemoglobin_total_in_Blood
1792 encounters_count<=DALY^2+Triglycerides
1793 encounters_count<=maximum(medications_lifetime_length,ceil(Hemoglobin_A1c_H
emoglobin_total_in_Blood))
1794 encounters_count<=2*Heart_rate+procedures_lifetime_cost
1795 encounters_count<=10^Pain_severity___0_10_verbal_numeric_rating__Score___R
eported*MCV__Entitic_volume__by_Automated_count
1796 encounters_count<=DALY*Leukocytes___volume__in_Blood_by_Automated_count^2
1797 encounters_count<=(2*Platelets___volume__in_Blood_by_Automated_count)^mean
_Creatinine
1798 encounters_count<=sqrt(MCV__Entitic_volume__by_Automated_count)+medications
_lifetime
1799 encounters_count<=2*MCHC__Mass_volume__by_Automated_count+procedures_lifeti
me_cost
1800 encounters_count>=sqrt(encounters_lifetime_total_cost)-latitude
1801 encounters_count>=active_care_plans
1802 encounters_count>=sqrt(encounters_lifetime_total_cost)-MCHC__Mass_volume__b
y_Automated_count
1803 encounters_count>=immunizations_lifetime
1804 encounters_count>=-Diastolic_Blood_Pressure+floor(age)
1805 encounters_count>=2*Pain_severity___0_10_verbal_numeric_rating__Score___Re
ported
1806 encounters_count>=Pain_severity___0_10_verbal_numeric_rating__Score___Repo
rted^2-active_conditions
1807 encounters_count>=-active_care_plans+2*lifetime_care_plans
1808 encounters_count>=ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
1809 encounters_count>=(encounters_lifetime_total_cost+1)/Sodium
1810 encounters_count>=active_conditions-1
1811 encounters_count>=QOLS+1
1812
encounters_count>=1/2*encounters_lifetime_total_cost/Diastolic_Blood_Pressure
1813 encounters_count>=minimum(Hematocrit__Volume_Fraction__of_Blood_by_Automate
d_count,floor(medications_lifetime))
1814 encounters_count>=(encounters_lifetime_total_cost+1)/mean_Sodium
1815 encounters_count>=floor(sqrt(device_lifetime_length))
1816 encounters_count>=minimum(medications_lifetime,1/DALY)
1817 encounters_count>=active_care_plans*immunizations_lifetime
1818 encounters_count>=minimum(active_care_plan_length,active_conditions)
1819 encounters_count>=Respiratory_rate+ceil(Bilirubin_total__Mass_volume__in_Se
rum,Plasma)
1820 encounters_count>=floor(Leukocytes___volume__in_Blood_by_Automated_count)
1821 encounters_count>=ceil(sqrt(Estimated_Glomerular_Filtration_Rate))
1822 encounters_count>=(medications_lifetime+1)/mean_Potassium

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1823 encounters_count>=minimum(Calcium,active_care_plans^2)
1824 encounters_count>=(active_conditions-1)*immunizations_lifetime
1825 encounters_count>=(DALY+1)*medications_lifetime_perc_covered
1826 encounters_count>=-Pain_severity___0_10_verbal_numeric_rating__Score___Rep
orted+procedures_lifetime
1827 encounters_count>=-Body_Height+Systolic_Blood_Pressure+1
1828 encounters_count>=active_conditions-device_lifetime_length
1829 encounters_count>=-healthcare_coverage+medications_lifetime-1
1830 encounters_count>=minimum(immunizations_lifetime_cost,2*active_care_plans)
1831 encounters_count>=imaging_studies_lifetime^2+active_care_plans
1832 encounters_count>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Seru
m,Plasma+1/2*Heart_rate
1833 encounters_count>=(Globulin__Mass_volume__in_Serum_by_calculation+1)/Biliru
bin_total__Mass_volume__in_Serum,Plasma
1834 encounters_count>=device_lifetime_length^2/mean_Estimated_Glomerular_Filtra
tion_Rate
1835 encounters_count>=ceil(Globulin__Mass_volume__in_Serum_by_calculation)*proc
edures_lifetime
1836 encounters_count>=active_care_plans*ceil(Prostate_specific_Ag__Mass_volume_
_in_Serum,Plasma)
1837 encounters_count>=sqrt(encounters_lifetime_payer_coverage)-Body_Mass_Index
1838 encounters_count>=MCH__Entitic_mass__by_Automated_count*sqrt(medications_li
fetime_perc_covered)
1839 encounters_count>=minimum(Alanine_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma,floor(medications_lifetime))
1840 encounters_count>=maximum(FEV1_FVC,mean_Creatinine)
1841 encounters_count>=-mean_Aspartate_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma+1/2*medications_lifetime
1842 encounters_count>=maximum(FEV1_FVC,mean_Pain_severity___0_10_verbal_numeric
_rating__Score___Reported)
1843 encounters_count>=sqrt(procedures_lifetime_cost)-mean_Microalbumin_Creatini
ne_Ratio
1844 encounters_count>=1/2*10^num_allergies
1845 encounters_count>=floor(log(medications_lifetime_cost)/log(10))
1846 encounters_count>=medications_active+2
1847 encounters_count>=-Estimated_Glomerular_Filtration_Rate+1/2*Sodium
1848 encounters_count>=lifetime_care_plans^2+longitude
1849 encounters_count>=e^active_care_plans/Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma
1850 encounters_count>=log(QALY)/(QOLS*log(10))
1851 encounters_count>=e^lifetime_care_plans/Chloride
1852 encounters_count>=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)-immunizati
ons_lifetime_cost
1853 encounters_count>=e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-
procedures_lifetime_cost
1854 encounters_count>=1/2*Microalbumin_Creatinine_Ratio-QALY
1855 encounters_count>=active_conditions^2-Systolic_Blood_Pressure
1856 encounters_count>=(log(lifetime_conditions)/log(10))^Estimated_Glomerular_F

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iltration_Rate
1857 encounters_count>=(log(lifetime_conditions)/log(10))^mean_Estimated_Glomeru
lar_Filtration_Rate
1858 encounters_count>=-mean_Total_Cholesterol+1/2*medications_lifetime
1859 encounters_count>=(Bilirubin_total_Mass_volume_in_Serum,Plasma+1)*Calcium
1860 encounters_count>=(2*Left_ventricular_Ejection_fraction)^medications_lifeti
me_perc_covered
1861 encounters_count>=active_conditions+log(procedures_lifetime)
1862 encounters_count>=minimum(mean_Microalbumin_Creatinine_Ratio,1/medications_
active)
1863 encounters_count>=sqrt(procedures_lifetime)^Polyp_size_greatest_dimension_b
y_CAP_cancer_protocols
1864 encounters_count>=-Urea_Nitrogen+2*procedures_lifetime
1865 encounters_count>=-Chloride+1/2*Triglycerides
1866 encounters_count>=ceil(Carbon_Dioxide)-healthcare_coverage
1867 encounters_count>=ceil(Leukocytes___volume_in_Blood_by_Automated_count)*p
rocedures_lifetime
1868 encounters_count>=log(Hematocrit_Volume_Fraction_of_Blood_by_Automated_co
unt)^Creatinine
1869 encounters_count>=(log(Microalbumin_Creatinine_Ratio)/log(10))^Hemoglobin_A
1c_Hemoglobin_total_in_Blood
1870 encounters_lifetime_total_cost<=encounters_lifetime_base_cost
1871 encounters_lifetime_total_cost>=encounters_lifetime_base_cost
1872 encounters_lifetime_base_cost<=encounters_lifetime_total_cost
1873 encounters_lifetime_base_cost>=encounters_lifetime_total_cost
1874 encounters_lifetime_payer_coverage<=encounters_lifetime_total_cost
1875 encounters_lifetime_payer_coverage<=healthcare_coverage
1876 encounters_lifetime_payer_coverage<=(encounters_lifetime_total_cost+1)*enco
unters_lifetime_perc_covered
1877 encounters_lifetime_payer_coverage>=num_allergies
1878 encounters_lifetime_payer_coverage>=encounters_lifetime_perc_covered*floor(
encounters_lifetime_total_cost)
1879 encounters_lifetime_payer_coverage>=encounters_lifetime_total_cost*floor(en
counters_lifetime_perc_covered)
1880 encounters_lifetime_payer_coverage>=Hemoglobin_A1c_Hemoglobin_total_in_Bloo
d+ceil(Body_Height)
1881 encounters_lifetime_perc_covered<=lifetime_conditions
1882 encounters_lifetime_perc_covered<=healthcare_coverage
1883 encounters_lifetime_perc_covered<=ceil(encounters_lifetime_payer_coverage)/
encounters_lifetime_total_cost
1884 encounters_lifetime_perc_covered<=sqrt(Respiratory_rate)/Pain_severity___0_
10_verbal_numeric_rating_Score___Reported
1885 encounters_lifetime_perc_covered<=(encounters_count+1)/Potassium
1886 encounters_lifetime_perc_covered>=floor(encounters_lifetime_payer_coverage)
/encounters_lifetime_total_cost
1887 encounters_lifetime_perc_covered>=-healthcare_coverage
1888 encounters_lifetime_perc_covered>=encounters_lifetime_payer_coverage-
encounters_lifetime_total_cost+1

```

```

1889 imaging_studies_lifetime<=active_care_plans
1890 imaging_studies_lifetime<=healthcare_coverage
1891 imaging_studies_lifetime<=medications_lifetime
1892 imaging_studies_lifetime<=Triglycerides*num_allergies
1893 imaging_studies_lifetime<=medications_active
1894 imaging_studies_lifetime<=procedures_lifetime
1895 imaging_studies_lifetime<=10^num_allergies
1896 imaging_studies_lifetime<=lifetime_conditions-1
1897 imaging_studies_lifetime<=QALY*medications_lifetime_perc_covered
1898 imaging_studies_lifetime<=floor(1/2*medications_active)
1899
imaging_studies_lifetime<=num_allergies/Estimated_Glomerular_Filtration_Rate
1900 imaging_studies_lifetime<=floor(DALY)
1901 imaging_studies_lifetime<=Pain_severity___0_10_verbal_numeric_rating__Score
___Reported^2
1902 imaging_studies_lifetime<=device_lifetime_length^Prostate_specific_Ag__Mass
_volume__in_Serum,Plasma
1903 imaging_studies_lifetime<=num_allergies/Platelet_distribution_width__Entiti
c_volume__in_Blood_by_Automated_count
1904 imaging_studies_lifetime<=sqrt(QOLS-1)
1905 imaging_studies_lifetime<=(mean_Pain_severity___0_10_verbal_numeric_rating_
_Score___Reported-1)^2
1906 imaging_studies_lifetime<=device_lifetime_length^Estimated_Glomerular_Filtr
ation_Rate
1907 imaging_studies_lifetime<=floor(QOLS)^FEV1_FVC
1908 imaging_studies_lifetime<=(2*encounters_lifetime_perc_covered)^healthcare_e
xpenses
1909 imaging_studies_lifetime<=(lifetime_care_plans-1)^2
1910 imaging_studies_lifetime>=num_allergies-1
1911 imaging_studies_lifetime>=-healthcare_coverage
1912 imaging_studies_lifetime>=-num_allergies
1913 imaging_studies_lifetime>=minimum(procedures_lifetime,-QOLS)
1914 imaging_studies_lifetime>=sqrt(active_care_plan_length)-Calcium
1915 immunizations_lifetime<=10^active_care_plans+1
1916 immunizations_lifetime<=healthcare_coverage
1917 immunizations_lifetime<=encounters_count
1918 immunizations_lifetime<=immunizations_lifetime_cost
1919 immunizations_lifetime<=floor(immunizations_lifetime_cost)/Heart_rate
1920 immunizations_lifetime<=minimum(healthcare_expenses,Specific_gravity_of_Uri
ne_by_Test_strip)
1921
immunizations_lifetime<=floor(Globulin__Mass_volume__in_Serum_by_calculation)
1922 immunizations_lifetime<=floor(Prostate_specific_Ag__Mass_volume__in_Serum,P
lasma)
1923 immunizations_lifetime<=floor(immunizations_lifetime_cost)/Diastolic_Blood_
Pressure
1924 immunizations_lifetime<=floor(immunizations_lifetime_cost)/Chloride
1925 immunizations_lifetime<=floor(log(latitude))

```

```

1926 immunizations_lifetime<=2/num_allergies
1927
immunizations_lifetime<=(1/floor(Bilirubin_total__Mass_volume__in_Serum,Plasma))
1928 immunizations_lifetime<=minimum(Platelet_distribution_width__Entitic_volume
__in_Blood_by_Automated_count,10^active_care_plans)
1929 immunizations_lifetime<=maximum(Sodium,1/2*Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma)
1930 immunizations_lifetime<=minimum(Sodium,10^medications_active)
1931 immunizations_lifetime<=floor(immunizations_lifetime_cost)/mean_Chloride
1932 immunizations_lifetime<=medications_active+procedures_lifetime_cost
1933 immunizations_lifetime<=active_care_plans+procedures_lifetime_cost
1934 immunizations_lifetime<=floor(active_care_plan_length)/active_care_plans
1935 immunizations_lifetime<=active_care_plans/num_allergies
1936 immunizations_lifetime<=minimum(Glomerular_filtration_rate_1_73_sq_M_predic
ted,active_care_plans-1)
1937 immunizations_lifetime<=ceil(10^encounters_lifetime_perc_covered)
1938 immunizations_lifetime<=ceil(1/2*Prostate_specific_Ag__Mass_volume__in_Seru
m,Plasma)
1939 immunizations_lifetime<=-active_care_plans+encounters_count
1940 immunizations_lifetime<=encounters_count/active_care_plans
1941 immunizations_lifetime<=Aspartate_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma-lifetime_care_plans
1942 immunizations_lifetime<=2*active_care_plans/imaging_studies_lifetime
1943 immunizations_lifetime<=1/2*encounters_count/Erythrocytes___volume__in_Blo
od_by_Automated_count
1944 immunizations_lifetime<=1/medications_active+medications_lifetime
1945 immunizations_lifetime<=10^Pain_severity___0_10_verbal_numeric_rating__Scor
e___Reported+1
1946 immunizations_lifetime<=High_Density_Lipoprotein_Cholesterol-
MCH__Entitic_mass__by_Automated_count
1947 immunizations_lifetime<=minimum(Sodium,10^medications_lifetime)
1948 immunizations_lifetime<=ceil(e^Creatinine)
1949 immunizations_lifetime<=-Body_Mass_Index+ceil(age)
1950 immunizations_lifetime<=Platelet_mean_volume__Entitic_volume__in_Blood_by_A
utomated_count-medications_active
1951 immunizations_lifetime<=QOLS*ceil(Calcium)
1952 immunizations_lifetime<=ceil(1/2*Potassium)
1953 immunizations_lifetime<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)-1
1954 immunizations_lifetime<=(log(encounters_count)/log(10))^Glomerular_filtrati
on_rate_1_73_sq_M_predicted
1955 immunizations_lifetime<=sqrt(Platelet_distribution_width__Entitic_volume__i
n_Blood_by_Automated_count)/procedures_lifetime
1956 immunizations_lifetime<=2*immunizations_lifetime_cost/Body_Height
1957 immunizations_lifetime<=-active_care_plans+ceil(Urea_Nitrogen)
1958 immunizations_lifetime<=Carbon_Dioxide^2/encounters_count
1959 immunizations_lifetime<=maximum(Glomerular_filtration_rate_1_73_sq_M_predic
ted,log(Estimated_Glomerular_Filtration_Rate)/log(10))
1960 immunizations_lifetime<=maximum(Body_temperature,10^medications_active)

```

```

1961 immunizations_lifetime<=(2*QOLS)^Body_temperature
1962 immunizations_lifetime<=-Carbon_Dioxide+QALY+1
1963 immunizations_lifetime<=minimum(Prostate_specific_Ag__Mass_volume__in_Serum
,Plasma,ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma))
1964 immunizations_lifetime<=maximum(procedures_lifetime,1/Bilirubin_total__Mass
_volume__in_Serum,Plasma)
1965 immunizations_lifetime>=num_allergies-1
1966 immunizations_lifetime>=-healthcare_coverage
1967 immunizations_lifetime>=-num_allergies
1968 immunizations_lifetime>=num_allergies/Creatinine
1969 immunizations_lifetime>=floor(mean_Bilirubin_total__Mass_volume__in_Serum,P
lasma)
1970 immunizations_lifetime>=minimum(num_allergies,immunizations_lifetime_cost)
1971 immunizations_lifetime>=ceil(immunizations_lifetime_cost)/Body_Height
1972 immunizations_lifetime>=minimum(immunizations_lifetime_cost,ceil(encounters
_lifetime_perc_covered))
1973 immunizations_lifetime>=ceil(immunizations_lifetime_cost)/Total_Cholesterol
1974 immunizations_lifetime>=minimum(device_lifetime_length,2*imaging_studies_li
fetime)
1975 immunizations_lifetime>=1/2*immunizations_lifetime_cost/MCV__Entitic_volume
__by_Automated_count
1976 immunizations_lifetime>=-lifetime_care_plans+log(procedures_lifetime)
1977 immunizations_lifetime>=Body_Mass_Index-QALY
1978
immunizations_lifetime>=-Hemoglobin__Mass_volume__in_Blood+active_conditions
1979 immunizations_lifetime>=Hemoglobin_A1c_Hemoglobin_total_in_Blood-
Microalbumin_Creatinine_Ratio+1
1980 immunizations_lifetime>=floor(log(Creatinine)/log(10))
1981 immunizations_lifetime>=e^Globulin__Mass_volume__in_Serum_by_calculation-
mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
1982 immunizations_lifetime>=floor(log(Leukocytes____volume__in_Blood_by_Automat
ed_count)/log(10))
1983 immunizations_lifetime>=QOLS-lifetime_condition_length+1
1984 immunizations_lifetime>=Pain_severity__0_10_verbal_numeric_rating__Score__
_Reported-medications_lifetime-1
1985 immunizations_lifetime>=(num_allergies-1)^Body_Weight
1986 immunizations_lifetime>=(num_allergies-1)^Body_Height
1987 immunizations_lifetime>=(num_allergies-1)^Potassium
1988 immunizations_lifetime>=active_care_plans-medications_lifetime_cost-1
1989 immunizations_lifetime>=minimum(immunizations_lifetime_cost,log(lifetime_ca
re_plans)/log(10))
1990 immunizations_lifetime>=-active_condition_length+log(Total_Cholesterol)
1991 immunizations_lifetime>=Chloride-Systolic_Blood_Pressure-1
1992 immunizations_lifetime>=-QALY+floor(MCHC__Mass_volume__by_Automated_count)
1993 immunizations_lifetime_cost<=healthcare_expenses*immunizations_lifetime
1994 immunizations_lifetime_cost<=healthcare_coverage
1995
immunizations_lifetime_cost<=Total_Cholesterol*sqrt(active_condition_length)

```

1996 immunizations_lifetime_cost<=(Body_Height-1)*immunizations_lifetime
 1997 immunizations_lifetime_cost<=sqrt(Chloride)*latitude
 1998 immunizations_lifetime_cost<=(Body_Height-1)^immunizations_lifetime
 1999 immunizations_lifetime_cost<=Sodium+medications_lifetime_cost-1
 2000 immunizations_lifetime_cost<=(Globulin_Mass_volume__in_Serum_by_calculatio
 n+1)*Glucose
 2001 immunizations_lifetime_cost<=Platelet_mean_volume__Entitic_volume__in_Blood
 _by_Automated_count^2*Potassium
 2002 immunizations_lifetime_cost<=MCH__Entitic_mass__by_Automated_count*sqrt(Pla
 telets___volume__in_Blood_by_Automated_count)
 2003 immunizations_lifetime_cost<=(Body_Weight+1)^Prostate_specific_Ag__Mass_vol
 ume__in_Serum,Plasma
 2004 immunizations_lifetime_cost<=(Total_Cholesterol-1)^immunizations_lifetime
 2005 immunizations_lifetime_cost<=Diastolic_Blood_Pressure*sqrt(Estimated_Glomer
 ular_Filtration_Rate)
 2006 immunizations_lifetime_cost<=-Glomerular_filtration_rate_1_73_sq_M_predicte
 d+medications_lifetime_dispenses+1
 2007 immunizations_lifetime_cost<=Glucose^2/DALY
 2008 immunizations_lifetime_cost<=10^Creatinine*Heart_rate
 2009 immunizations_lifetime_cost<=(medications_lifetime-1)*Hematocrit__Volume_Fr
 action__of_Blood_by_Automated_count
 2010 immunizations_lifetime_cost<=log(lifetime_condition_length)^Estimated_Glome
 rular_Filtration_Rate
 2011 immunizations_lifetime_cost<=e^active_care_plans*mean_Estimated_Glomerular_
 Filtration_Rate
 2012 immunizations_lifetime_cost<=age+floor(encounters_lifetime_total_cost)
 2013 immunizations_lifetime_cost<=(lifetime_care_plan_length-1)*Microalbumin_Cre
 atinine_Ratio
 2014 immunizations_lifetime_cost<=encounters_lifetime_perc_covered^longitude
 2015 immunizations_lifetime_cost<=(Prostate_specific_Ag__Mass_volume__in_Serum,P
 lasma+1)*mean_Diastolic_Blood_Pressure
 2016
 immunizations_lifetime_cost<=sqrt(Protein_Mass_volume__in_Serum,Plasma)*age
 2017 immunizations_lifetime_cost<=(Respiratory_rate^2)^immunizations_lifetime
 2018 immunizations_lifetime_cost<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_
 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 2019 immunizations_lifetime_cost<=sqrt(healthcare_expenses)+Body_Weight
 2020 immunizations_lifetime_cost<=2*healthcare_coverage/active_care_plan_length
 2021 immunizations_lifetime_cost<=2*healthcare_coverage/active_condition_length
 2022 immunizations_lifetime_cost<=active_care_plan_length^2+Alkaline_phosphatase
 __Enzymatic_activity_volume__in_Serum,Plasma
 2023 immunizations_lifetime_cost<=10^active_conditions+Alanine_aminotransferase_
 _Enzymatic_activity_volume__in_Serum,Plasma
 2024 immunizations_lifetime_cost<=(Hemoglobin__Mass_volume__in_Blood^2)^immuniza
 tions_lifetime
 2025 immunizations_lifetime_cost<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*floor
 (Protein_Mass_volume__in_Serum,Plasma)
 2026 immunizations_lifetime_cost<=Platelet_distribution_width__Entitic_volume__i

$n_Blood_by_Automated_count^2/medications_lifetime$
2027 $immunizations_lifetime_cost \leq Heart_rate * e^{immunizations_lifetime}$
2028 $immunizations_lifetime_cost \leq e^{immunizations_lifetime} * mean_Heart_rate$
2029 $immunizations_lifetime_cost \leq Respiratory_rate^2 * immunizations_lifetime$
2030 $immunizations_lifetime_cost \leq (1/medications_lifetime_perc_covered)^{QALY}$
2031 $immunizations_lifetime_cost \leq 2 * MCV_Entitic_volume_by_Automated_count * immunizations_lifetime$
2032 $immunizations_lifetime_cost \leq mean_Estimated_Glomerular_Filtration_Rate * \sqrt{medications_lifetime}$
2033 $immunizations_lifetime_cost \leq Body_Weight * \text{ceil}(Prostate_specific_Ag_Mass_volume_in_Serum, Plasma)$
2034 $immunizations_lifetime_cost \leq (1/2 * Potassium)^{Urea_Nitrogen}$
2035 $immunizations_lifetime_cost \leq High_Density_Lipoprotein_Cholesterol^2 / medications_active$
2036 $immunizations_lifetime_cost \leq \log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^{Hemoglobin_Mass_volume_in_Blood}$
2037 $immunizations_lifetime_cost \leq Carbon_Dioxide^2 - Total_Cholesterol$
2038 $immunizations_lifetime_cost \leq 10^{Prostate_specific_Ag_Mass_volume_in_Serum, Plasma + Sodium}$
2039 $immunizations_lifetime_cost \leq (Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count - 1)^{immunizations_lifetime}$
2040 $immunizations_lifetime_cost \geq immunizations_lifetime$
2041 $immunizations_lifetime_cost \geq (Heart_rate + 1) * immunizations_lifetime$
2042 $immunizations_lifetime_cost \geq 2 * immunizations_lifetime * latitude$
2043 $immunizations_lifetime_cost \geq mean_Sodium * num_allergies$
2044 $immunizations_lifetime_cost \geq (procedures_lifetime + 1) * immunizations_lifetime$
2045 $immunizations_lifetime_cost \geq (Chloride + 1) * immunizations_lifetime$
2046 $immunizations_lifetime_cost \geq (Diastolic_Blood_Pressure + 1) * immunizations_lifetime$
2047 $immunizations_lifetime_cost \geq \text{ceil}(Protein_Mass_volume_in_Serum, Plasma) * imaging_studies_lifetime$
2048 $immunizations_lifetime_cost \geq (Body_Weight + 1) * immunizations_lifetime$
2049 $immunizations_lifetime_cost \geq 1/2 * Total_Cholesterol * immunizations_lifetime$
2050 $immunizations_lifetime_cost \geq Low_Density_Lipoprotein_Cholesterol * num_allergies$
2051 $immunizations_lifetime_cost \geq (Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma + 1) * immunizations_lifetime$
2052 $immunizations_lifetime_cost \geq MCHC_Mass_volume_by_Automated_count * \log(device_lifetime_length)$
2053 $immunizations_lifetime_cost \geq 2 * Estimated_Glomerular_Filtration_Rate - Total_Cholesterol$
2054 $immunizations_lifetime_cost \geq Estimated_Glomerular_Filtration_Rate - procedures_lifetime_cost + 1$
2055 $immunizations_lifetime_cost \geq 1/2 * Body_Height * immunizations_lifetime$
2056 $immunizations_lifetime_cost \geq immunizations_lifetime * mean_Chloride$
2057 $immunizations_lifetime_cost \geq -Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count + 2 * lifetime_care_plan_length$
2058 $immunizations_lifetime_cost \geq -Platelets_volume_in_Blood_by_Automated_count$


```

unt+2*lifetime_care_plan_length
2059 immunizations_lifetime_cost>=log(lifetime_condition_length)*longitude
2060
immunizations_lifetime_cost>=1/2*immunizations_lifetime*mean_Total_Cholesterol
2061 immunizations_lifetime_cost>=(immunizations_lifetime-1)*lifetime_care_plan_
length
2062 immunizations_lifetime_cost>=Erythrocyte_distribution_width__Entitic_volume
__by_Automated_count*immunizations_lifetime^2
2063 immunizations_lifetime_cost>=(immunizations_lifetime-1)*Total_Cholesterol
2064
immunizations_lifetime_cost>=(immunizations_lifetime-1)*mean_Total_Cholesterol
2065
immunizations_lifetime_cost>=log(immunizations_lifetime)*medications_lifetime
2066 immunizations_lifetime_cost>=Platelets___volume__in_Blood_by_Automated_cou
nt*log(immunizations_lifetime)
2067 immunizations_lifetime_cost>=log(Bilirubin_total__Mass_volume__in_Serum,Pla
sma)*medications_lifetime_dispenses/log(10)
2068 immunizations_lifetime_cost>=(2*immunizations_lifetime)^mean_Creatinine
2069 immunizations_lifetime_cost>=2*Body_Height-encounters_lifetime_total_cost
2070 immunizations_lifetime_cost>=-MCV__Entitic_volume__by_Automated_count+1/2*T
riglycerides
2071 immunizations_lifetime_cost>=(Prostate_specific_Ag__Mass_volume__in_Serum,P
lasma+1)*device_lifetime_length
2072 immunizations_lifetime_cost>=Leukocytes___volume__in_Blood_by_Automated_co
unt^2*immunizations_lifetime
2073 medications_lifetime<=10^encounters_count/encounters_lifetime_total_cost
2074 medications_lifetime<=medications_lifetime_cost
2075 medications_lifetime<=medications_lifetime_dispenses
2076 medications_lifetime<=Body_Height*e^Creatinine
2077 medications_lifetime<=encounters_count^2/Hemoglobin_A1c_Hemoglobin_total_in
_Blood
2078 medications_lifetime<=floor(active_condition_length^2)
2079 medications_lifetime<=(encounters_lifetime_total_cost-1)/DALY
2080 medications_lifetime<=2*healthcare_coverage/Body_Weight
2081 medications_lifetime<=e^encounters_count/lifetime_care_plan_length
2082 medications_lifetime<=Alkaline_phosphatase__Enzymatic_activity_volume__in_S
erum,Plasma^2-Heart_rate
2083 medications_lifetime<=-DALY+2*Platelet_distribution_width__Entitic_volume__
in_Blood_by_Automated_count
2084
medications_lifetime<=Platelets___volume__in_Blood_by_Automated_count+2*age
2085 medications_lifetime<=encounters_count*log(Aspartate_aminotransferase__Enzy
matic_activity_volume__in_Serum,Plasma)
2086 medications_lifetime<=encounters_count^2/Hemoglobin__Mass_volume__in_Blood
2087 medications_lifetime<=healthcare_coverage+1/2*latitude
2088
medications_lifetime<=MCH__Entitic_mass__by_Automated_count+2*encounters_count
2089 medications_lifetime<=2*QOLS*medications_lifetime_dispenses

```

2090 medications_lifetime<=ceil(Platelets___volume__in_Blood_by_Automated_count
)+mean_Sodium
 2091 medications_lifetime<=10^sqrt(lifetime_conditions)
 2092 medications_lifetime<=1/2*encounters_lifetime_total_cost/Respiratory_rate
 2093 medications_lifetime<=10^QOLS*encounters_count
 2094 medications_lifetime<=(1/2*QALY)^Prostate_specific_Ag__Mass_volume__in_Seru
 m,Plasma
 2095 medications_lifetime<=10^healthcare_coverage+encounters_count
 2096 medications_lifetime<=active_care_plan_length^Prostate_specific_Ag__Mass_vo
 lume__in_Serum,Plasma
 2097 medications_lifetime<=encounters_count^active_conditions
 2098 medications_lifetime<=DALY*floor(Hematocrit__Volume_Fraction__of_Blood_by_A
 utomated_count)
 2099 medications_lifetime<=2*Creatinine*lifetime_condition_length
 2100
 medications_lifetime<=sqrt(High_Density_Lipoprotein_Cholesterol)*mean_Sodium
 2101 medications_lifetime<=maximum(lifetime_condition_length,1/2*medications_lif
 etime_dispenses)
 2102
 medications_lifetime<=1/2*medications_lifetime_cost/immunizations_lifetime_cost
 2103 medications_lifetime<=(log(MCV__Entitic_volume__by_Automated_count)/log(10)
)^Urea_Nitrogen
 2104 medications_lifetime<=(Heart_rate^2)^Creatinine
 2105 medications_lifetime<=minimum(healthcare_expenses,1/2*Left_ventricular_Ejec
 tion_fraction)
 2106 medications_lifetime<=e^lifetime_care_plan_length/High_Density_Lipoprotein_
 Cholesterol
 2107 medications_lifetime<=(Systolic_Blood_Pressure-1)/num_allergies
 2108 medications_lifetime<=(1/2*Urea_Nitrogen)^Potassium
 2109 medications_lifetime<=e^Glomerular_filtration_rate_1_73_sq_M_predicted/acti
 ve_care_plan_length
 2110 medications_lifetime<=Low_Density_Lipoprotein_Cholesterol+procedures_lifeti
 me_cost-1
 2111 medications_lifetime<=Urea_Nitrogen^2*mean_Urea_Nitrogen
 2112 medications_lifetime<=(Low_Density_Lipoprotein_Cholesterol-1)/num_allergies
 2113 medications_lifetime<=Potassium^active_conditions
 2114 medications_lifetime<=(QOLS+1)^encounters_count
 2115 medications_lifetime<=encounters_count*floor(Potassium)
 2116 medications_lifetime<=active_care_plans^2*mean_Total_Cholesterol
 2117 medications_lifetime<=floor(Chloride)/num_allergies
 2118 medications_lifetime<=(Creatinine+1)^Urea_Nitrogen
 2119 medications_lifetime<=sqrt(lifetime_condition_length)*mean_Microalbumin_Cre
 atinine_Ratio
 2120 medications_lifetime<=(log(active_care_plan_length)/log(10))^Alanine_aminot
 ransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2121 medications_lifetime<=2*MCHC__Mass_volume__by_Automated_count+procedures_li
 fetime_cost
 2122 medications_lifetime<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*sq

```

rt(procedures_lifetime_cost)
2123 medications_lifetime<=(QOLS+1)^latitude
2124 medications_lifetime<=sqrt(Globulin__Mass_volume__in_Serum_by_calculation)^
Urea_Nitrogen
2125 medications_lifetime<=Alanine_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma*e^procedures_lifetime
2126 medications_lifetime<=2*QALY/num_allergies
2127 medications_lifetime<=floor(latitude)*mean_Glomerular_filtration_rate_1_73_
sq_M_predicted
2128 medications_lifetime<=(DALY+1)*QALY
2129 medications_lifetime<=10^DALY*Hemoglobin_A1c_Hemoglobin_total_in_Blood
2130 medications_lifetime<=e^DALY+mean_Low_Density_Lipoprotein_Cholesterol
2131 medications_lifetime<=Erythrocyte_distribution_width__Entitic_volume__by_Au
tomated_count*ceil(DALY)
2132 medications_lifetime<=encounters_count+e^lifetime_conditions
2133
medications_lifetime<=log(Albumin__Mass_volume__in_Serum,Plasma)^Carbon_Dioxide
2134 medications_lifetime<=(encounters_count+1)*active_conditions
2135 medications_lifetime<=Respiratory_rate^2+procedures_lifetime_cost
2136
medications_lifetime<=encounters_lifetime_total_cost^2/procedures_lifetime_cost
2137 medications_lifetime<=Leukocytes___volume__in_Blood_by_Automated_count+e^a
ctive_conditions
2138 medications_lifetime<=Body_Mass_Index+e^lifetime_conditions
2139 medications_lifetime<=Carbon_Dioxide+e^lifetime_conditions
2140 medications_lifetime<=e^encounters_count/Diastolic_Blood_Pressure
2141 medications_lifetime<=1/2*encounters_lifetime_payer_coverage/Hemoglobin_A1c
_Hemoglobin_total_in_Blood
2142 medications_lifetime<=10^procedures_lifetime_cost+mean_High_Density_Lipopro
tein_Cholesterol
2143
medications_lifetime<=(Respiratory_rate+1)*mean_Microalbumin_Creatinine_Ratio
2144 medications_lifetime<=e^Urea_Nitrogen/Alkaline_phosphatase__Enzymatic_activ
ity_volume__in_Serum,Plasma
2145 medications_lifetime<=2*Systolic_Blood_Pressure+procedures_lifetime_cost
2146
medications_lifetime<=(Protein__Mass_volume__in_Serum,Plasma-1)*Urea_Nitrogen
2147 medications_lifetime<=MCV__Entitic_volume__by_Automated_count*e^Creatinine
2148
medications_lifetime<=2*MCV__Entitic_volume__by_Automated_count*mean_Creatinine
2149 medications_lifetime<=Platelet_distribution_width__Entitic_volume__in_Blood
_by_Automated_count^2/immunizations_lifetime_cost
2150 medications_lifetime<=(2*Microalbumin_Creatinine_Ratio)^Creatinine
2151 medications_lifetime>=num_allergies
2152 medications_lifetime>=medications_active
2153 medications_lifetime>=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Au
tomated_count+encounters_count
2154 medications_lifetime>=(DALY+1)*imaging_studies_lifetime

```

2155 medications_lifetime>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,medications_active^2)
 2156
 medications_lifetime>=encounters_count*floor(encounters_lifetime_perc_covered)
 2157 medications_lifetime>=1/2*encounters_count-lifetime_conditions
 2158 medications_lifetime>=-Microalbumin_Creatinine_Ratio+encounters_count+1
 2159 medications_lifetime>=minimum(Estimated_Glomerular_Filtration_Rate,ceil(active_care_plan_length))
 2160 medications_lifetime>=e^Potassium-mean_Estimated_Glomerular_Filtration_Rate
 2161 medications_lifetime>=floor(DALY)*medications_lifetime_perc_covered
 2162 medications_lifetime>=(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+1)/active_conditions
 2163 medications_lifetime>=encounters_count-latitude-1
 2164 medications_lifetime>=(log(lifetime_conditions)/log(10))^mean_Estimated_Glomerular_Filtration_Rate
 2165 medications_lifetime>=floor(Microalbumin_Creatinine_Ratio)-mean_Systolic_Blood_Pressure
 2166 medications_lifetime>=active_care_plan_length-healthcare_coverage+1
 2167 medications_lifetime>=lifetime_care_plans^2-QALY
 2168 medications_lifetime>=2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-Low_Density_Lipoprotein_Cholesterol
 2169 medications_lifetime>=-Body_Height+lifetime_care_plan_length+1
 2170
 medications_lifetime>=medications_active^2*medications_lifetime_perc_covered
 2171 medications_lifetime>=10^Creatinine/Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 2172 medications_lifetime>=(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Bilirubin_total__Mass_volume__in_Serum,Plasma
 2173 medications_lifetime>=(log(active_conditions)/log(10))^Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2174 medications_lifetime>=(num_allergies-1)^Diastolic_Blood_Pressure
 2175 medications_lifetime>=maximum(active_conditions,Globulin__Mass_volume__in_Serum_by_calculation)
 2176 medications_lifetime>=-Potassium+1/2*encounters_count
 2177
 medications_lifetime>=-High_Density_Lipoprotein_Cholesterol+encounters_count+1
 2178 medications_lifetime>=minimum(MCV__Entitic_volume__by_Automated_count,1/active_care_plans)
 2179 medications_lifetime>=e^medications_active/MCV__Entitic_volume__by_Automated_count
 2180 medications_lifetime>=maximum(Microalbumin_Creatinine_Ratio,mean_Albumin__Mass_volume__in_Serum,Plasma)
 2181 medications_lifetime>=Microalbumin_Creatinine_Ratio*medications_lifetime_perc_covered^2
 2182 medications_lifetime>=sqrt(encounters_lifetime_payer_coverage)-latitude
 2183 medications_lifetime>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+procedures_lifetime-1
 2184 medications_lifetime>=-Body_Height+Systolic_Blood_Pressure+1

```

2185 medications_lifetime>=(Glomerular_filtration_rate_1_73_sq_M_predicted+1)*nu
m_allergies
2186 medications_lifetime>=Creatinine*medications_active
2187 medications_lifetime>=-active_care_plan_length+floor(Urea_Nitrogen)
2188 medications_lifetime>=minimum(Calcium,-Respiratory_rate)
2189 medications_lifetime>=sqrt(Estimated_Glomerular_Filtration_Rate)*procedures
_lifetime
2190 medications_lifetime>=Globulin__Mass_volume__in_Serum_by_calculation/DALY
2191 medications_lifetime>=(MCH__Entitic_mass__by_Automated_count+1)*medications
_lifetime_perc_covered
2192 medications_lifetime>=Globulin__Mass_volume__in_Serum_by_calculation^2*devi
ce_lifetime_length
2193 medications_lifetime>=minimum(Microalbumin_Creatinine_Ratio,e^Creatinine)
2194 medications_lifetime>=(log(Creatinine)/log(10))^Alanine_aminotransferase__E
nzymatic_activity_volume__in_Serum,Plasma
2195 medications_lifetime>=maximum(Hematocrit__Volume_Fraction__of_Blood_by_Auto
mated_count,mean_Albumin__Mass_volume__in_Serum,Plasma)
2196 medications_lifetime>=active_care_plans-2
2197 medications_lifetime>=(log(Hemoglobin__Mass_volume__in_Blood)/log(10))^Urea
_Nitrogen
2198 medications_lifetime>=encounters_count*medications_lifetime_perc_covered^2
2199 medications_lifetime>=maximum(FEV1_FVC,-healthcare_expenses)
2200 medications_lifetime>=medications_active^2-Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma
2201 medications_lifetime>=minimum(Platelet_distribution_width__Entitic_volume__
in_Blood_by_Automated_count,1/medications_active)
2202 medications_lifetime>=-Triglycerides+1/2*lifetime_condition_length
2203 medications_lifetime>=(Creatinine+1)/Bilirubin_total__Mass_volume__in_Serum
,Plasma
2204 medications_lifetime>=device_lifetime_length^2*imaging_studies_lifetime
2205 medications_lifetime>=-active_care_plan_length+2*medications_active
2206 medications_lifetime>=log(medications_active)*procedures_lifetime/log(10)
2207 medications_lifetime>=1/2*procedures_lifetime_cost/Platelets___volume__in_
Blood_by_Automated_count
2208 medications_lifetime>=sqrt(procedures_lifetime_cost)-Microalbumin_Creatinin
e_Ratio
2209 medications_lifetime>=DALY^2/Albumin__Mass_volume__in_Serum,Plasma
2210 medications_lifetime_cost<=Body_Mass_Index^2*medications_lifetime_dispenses
2211 medications_lifetime_cost<=healthcare_expenses*medications_lifetime
2212 medications_lifetime_cost<=(Chloride-1)*medications_lifetime_length
2213 medications_lifetime_cost<=Alanine_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma*Body_Height^2
2214
medications_lifetime_cost<=2*Systolic_Blood_Pressure*medications_lifetime_length
2215 medications_lifetime_cost<=Glomerular_filtration_rate_1_73_sq_M_predicted*1
ifetime_condition_length^2
2216 medications_lifetime_cost<=10^Albumin__Mass_volume__in_Serum,Plasma*lifetim
e_care_plan_length

```

2217 medications_lifetime_cost<=1/2*healthcare_expenses/num_allergies
 2218 medications_lifetime_cost<=floor(medications_lifetime_length)*mean_Glucose
 2219 medications_lifetime_cost<=sqrt(QALY)*healthcare_expenses
 2220 medications_lifetime_cost<=(1/2*age)^Leukocytes___volume__in_Blood_by_Auto
 mated_count
 2221 medications_lifetime_cost<=QALY+e^medications_lifetime_length
 2222 medications_lifetime_cost<=Body_Height*e^encounters_count
 2223 medications_lifetime_cost<=10^active_care_plans*healthcare_expenses
 2224 medications_lifetime_cost<=Sodium^2*latitude
 2225 medications_lifetime_cost<=Heart_rate*Low_Density_Lipoprotein_Cholesterol^2
 2226 medications_lifetime_cost<=active_care_plan_length^Triglycerides
 2227 medications_lifetime_cost<=floor(active_care_plan_length)^Albumin__Mass_vol
 ume__in_Serum,Plasma
 2228 medications_lifetime_cost<=10^sqrt(latitude)
 2229 medications_lifetime_cost<=active_condition_length^healthcare_expenses
 2230 medications_lifetime_cost<=Body_Height^2*encounters_count
 2231 medications_lifetime_cost<=10^encounters_count/Erythrocyte_distribution_wid
 th__Entitic_volume__by_Automated_count
 2232 medications_lifetime_cost<=healthcare_expenses*log(MCHC__Mass_volume__by_Au
 tomatized_count)/log(10)
 2233 medications_lifetime_cost<=Total_Cholesterol*e^encounters_count
 2234 medications_lifetime_cost<=e^active_care_plans*healthcare_expenses
 2235 medications_lifetime_cost<=(log(Respiratory_rate)/log(10))^mean_Total_Chole
 sterol
 2236 medications_lifetime_cost<=Leukocytes___volume__in_Blood_by_Automated_coun
 t^Urea_Nitrogen
 2237 medications_lifetime_cost<=Body_Height*age^2
 2238 medications_lifetime_cost<=(1/2*age)^active_condition_length
 2239 medications_lifetime_cost<=log(High_Density_Lipoprotein_Cholesterol)^Platel
 et_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 2240 medications_lifetime_cost<=10^encounters_count/medications_active
 2241 medications_lifetime_cost<=1/4*encounters_lifetime_total_cost^2
 2242 medications_lifetime_cost<=(Body_Weight^2)^medications_lifetime
 2243 medications_lifetime_cost<=longitude^2*mean_Triglycerides
 2244 medications_lifetime_cost<=Glucose*Low_Density_Lipoprotein_Cholesterol^2
 2245 medications_lifetime_cost<=latitude^2*medications_lifetime_dispendes
 2246 medications_lifetime_cost<=Hematocrit__Volume_Fraction__of_Blood_by_Automat
 ed_count*Systolic_Blood_Pressure^2
 2247 medications_lifetime_cost<=encounters_lifetime_payer_coverage^2/medications
 _lifetime_perc_covered
 2248 medications_lifetime_cost<=e^Respiratory_rate*mean_Potassium
 2249 medications_lifetime_cost<=Platelet_distribution_width__Entitic_volume__in_
 Blood_by_Automated_count*QALY^2
 2250 medications_lifetime_cost<=Sodium*age^2
 2251 medications_lifetime_cost<=10^active_care_plan_length/Glucose
 2252 medications_lifetime_cost<=encounters_lifetime_total_cost^2/mean_Microalbum
 in_Creatinine_Ratio
 2253 medications_lifetime_cost<=Protein__Mass_volume__in_Serum,Plasma*lifetime_c

ondition_length^2
 2254 medications_lifetime_cost<=Platelets___volume__in_Blood_by_Automated_count
 *QALY^2
 2255 medications_lifetime_cost<=e^Respiratory_rate/imaging_studies_lifetime
 2256
 medications_lifetime_cost<=encounters_lifetime_total_cost^2/medications_active
 2257 medications_lifetime_cost<=(2*medications_lifetime)^Hemoglobin_A1c_Hemoglob
 in_total_in_Blood
 2258 medications_lifetime_cost<=2*Low_Density_Lipoprotein_Cholesterol*medication
 s_lifetime_length
 2259 medications_lifetime_cost<=2*encounters_lifetime_total_cost*mean_Estimated_
 Glomerular_Filtration_Rate
 2260 medications_lifetime_cost<=MCH__Entitic_mass__by_Automated_count*Sodium^2
 2261 medications_lifetime_cost<=Carbon_Dioxide^2*medications_lifetime_dispenses
 2262 medications_lifetime_cost<=(e^QOLS)^MCH__Entitic_mass__by_Automated_count
 2263 medications_lifetime_cost<=healthcare_expenses*log(Respiratory_rate)
 2264 medications_lifetime_cost<=Chloride^2*Heart_rate
 2265 medications_lifetime_cost<=Body_Height*Heart_rate^2
 2266 medications_lifetime_cost<=Total_Cholesterol^2*encounters_count
 2267 medications_lifetime_cost<=sqrt(Body_Mass_Index)^mean_Urea_Nitrogen
 2268 medications_lifetime_cost<=(log(Body_Mass_Index)/log(10))^latitude
 2269 medications_lifetime_cost<=Body_Height^2*Body_Mass_Index
 2270 medications_lifetime_cost<=Body_Weight^2*mean_Systolic_Blood_Pressure
 2271 medications_lifetime_cost<=Triglycerides^2*active_care_plan_length
 2272
 medications_lifetime_cost<=Low_Density_Lipoprotein_Cholesterol^2*mean_Heart_rate
 2273 medications_lifetime_cost<=Low_Density_Lipoprotein_Cholesterol^2*mean_Low_D
 ensity_Lipoprotein_Cholesterol
 2274 medications_lifetime_cost<=High_Density_Lipoprotein_Cholesterol^2*Platelet_
 distribution_width__Entitic_volume__in_Blood_by_Automated_count
 2275
 medications_lifetime_cost<=Protein__Mass_volume__in_Serum,Plasma*e^Urea_Nitrogen
 2276 medications_lifetime_cost<=(Prostate_specific_Ag__Mass_volume__in_Serum,Pla
 sma^2)^age
 2277 medications_lifetime_cost<=sqrt(Calcium)^Hemoglobin__Mass_volume__in_Blood
 2278 medications_lifetime_cost<=sqrt(Albumin__Mass_volume__in_Serum,Plasma)^enco
 unters_count
 2279 medications_lifetime_cost<=Platelet_distribution_width__Entitic_volume__in_
 Blood_by_Automated_count^2*Urea_Nitrogen
 2280 medications_lifetime_cost<=(1/2*MCV__Entitic_volume__by_Automated_count)^ac
 tive_conditions
 2281 medications_lifetime_cost>=num_allergies
 2282 medications_lifetime_cost>=sqrt(lifetime_care_plan_length)*medications_life
 time_length
 2283 medications_lifetime_cost>=Glomerular_filtration_rate_1_73_sq_M_predicted^2
 *active_conditions
 2284 medications_lifetime_cost>=(High_Density_Lipoprotein_Cholesterol+1)*medicat
 ions_lifetime_dispenses

2285 $\text{medications_lifetime_cost} \geq \text{Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count} + 2 * \text{healthcare_coverage}$
 2286 $\text{medications_lifetime_cost} \geq 10^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood/MCH_Entitic_mass_by_Automated_count}}$
 2287 $\text{medications_lifetime_cost} \geq \text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum,Plasma}^2 * \text{Calcium}$
 2288 $\text{medications_lifetime_cost} \geq \text{Microalbumin_Creatinine_Ratio}^2 / \text{encounters_lifetime_perc_covered}$
 2289 $\text{medications_lifetime_cost} \geq \text{healthcare_coverage} * \sqrt{\text{medications_lifetime_perc_covered}}$
 2290 $\text{medications_lifetime_cost} \geq e^{\text{Hemoglobin_Mass_volume_in_Blood/MCV_Entitic_volume_by_Automated_count}}$
 2291 $\text{medications_lifetime_cost} \geq (\text{healthcare_expenses} + 1) / \text{Estimated_Glomerular_Filtration_Rate}$
 2292
 $\text{medications_lifetime_cost} \geq \sqrt{\text{Potassium}}^{\text{Hemoglobin_Mass_volume_in_Blood}}$
 2293 $\text{medications_lifetime_cost} \geq 2 * \text{active_care_plans} * \text{medications_lifetime_length}$
 2294 $\text{medications_lifetime_cost} \geq \text{Bilirubin_total_Mass_volume_in_Serum,Plasma}^{\text{Heart_rate}}$
 2295 $\text{medications_lifetime_cost} \geq 2 * \text{mean_Microalbumin_Creatinine_Ratio}^2$
 2296 $\text{medications_lifetime_cost} \geq 2 * \text{healthcare_coverage} * \text{num_allergies}$
 2297 $\text{medications_lifetime_cost} \geq \text{Sodium} * \log(\text{medications_lifetime_length}) / \log(10)$
 2298
 $\text{medications_lifetime_cost} \geq 2 * \text{Microalbumin_Creatinine_Ratio} * \text{medications_lifetime_length}$
 2299
 $\text{medications_lifetime_cost} \geq (\text{procedures_lifetime_cost} + 1) * \text{imaging_studies_lifetime_length}$
 2300 $\text{medications_lifetime_cost} \geq \text{imaging_studies_lifetime_length}^{\text{mean_Calcium}}$
 2301 $\text{medications_lifetime_cost} \geq 2 * \text{encounters_count} * \text{medications_lifetime_length}$
 2302 $\text{medications_lifetime_cost} \geq \text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}^2 * \text{Body_Mass_Index}$
 2303
 $\text{medications_lifetime_cost} \geq \text{lifetime_care_plans}^2 * \text{medications_lifetime_dispenses}$
 2304 $\text{medications_lifetime_cost} \geq 10^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} * \text{medications_active}}$
 2305 $\text{medications_lifetime_cost} \geq (\text{Urea_Nitrogen} + 1) * \text{medications_lifetime_length}$
 2306 $\text{medications_lifetime_cost} \geq 1/2 * \text{device_lifetime_length} * \text{medications_lifetime_length}$
 2307 $\text{medications_lifetime_cost} \geq \text{floor}(\text{encounters_lifetime_perc_covered}) * \text{healthcare_coverage}$
 2308 $\text{medications_lifetime_cost} \geq -\text{healthcare_expenses} + \text{procedures_lifetime_cost} + 1$
 2309 $\text{medications_lifetime_cost} \geq (\text{procedures_lifetime_cost} + 1) * \text{medications_lifetime_perc_covered}$
 2310 $\text{medications_lifetime_cost} \geq \log(\text{Glomerular_filtration_rate_1_73_sq_M_predicted}) * \text{procedures_lifetime_cost} / \log(10)$
 2311 $\text{medications_lifetime_cost} \geq \text{Platelets_volume_in_Blood_by_Automated_count}^2 / \text{Creatinine}$
 2312 $\text{medications_lifetime_cost} \geq \text{DALY} * \text{medications_lifetime_dispenses}$
 2313 $\text{medications_lifetime_cost} \geq 1/2 * \text{lifetime_care_plan_length} * \text{medications_lifetime_length}$


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me_dispenses
2314 medications_lifetime_cost>=1/2*Carbon_Dioxide*medications_lifetime_length
2315 medications_lifetime_cost>=1/2*Alanine_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma*medications_lifetime_length
2316 medications_lifetime_cost>=(Aspartate_aminotransferase__Enzymatic_activity_
volume__in_Serum,Plasma+1)*medications_lifetime_length
2317 medications_lifetime_cost>=MCH__Entitic_mass__by_Automated_count^2*encounte
rs_count
2318 medications_lifetime_cost>=2*mean_Microalbumin_Creatinine_Ratio*medications
_lifetime
2319 medications_lifetime_cost>=Chloride^2*medications_active
2320 medications_lifetime_cost>=Glucose*device_lifetime_length^2
2321 medications_lifetime_cost>=Globulin__Mass_volume__in_Serum_by_calculation^2
*encounters_lifetime_total_cost
2322 medications_lifetime_cost>=2*MCV__Entitic_volume__by_Automated_count*immuni
zations_lifetime_cost
2323 medications_lifetime_cost>=log(Hemoglobin__Mass_volume__in_Blood)^Platelet_
mean_volume__Entitic_volume__in_Blood_by_Automated_count
2324 medications_lifetime_cost>=sqrt(Leukocytes___volume__in_Blood_by_Automated
_count)^Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
2325 medications_lifetime_cost>=healthcare_coverage*log(Estimated_Glomerular_Fil
tration_Rate)/log(10)
2326 medications_lifetime_cost>=Calcium*Protein__Mass_volume__in_Serum,Plasma^2
2327 medications_lifetime_cost>=lifetime_care_plan_length^2*medications_active
2328
medications_lifetime_cost>=e^active_conditions/Microalbumin_Creatinine_Ratio
2329 medications_lifetime_cost>=(1/2*Heart_rate)^Globulin__Mass_volume__in_Serum
_by_calculation
2330 medications_lifetime_cost>=lifetime_condition_length^2*medications_lifetime
_perc_covered
2331 medications_lifetime_cost>=encounters_lifetime_total_cost*log(medications_l
ifetime)
2332 medications_lifetime_cost>=log(MCV__Entitic_volume__by_Automated_count)*pro
cedures_lifetime_cost/log(10)
2333 medications_lifetime_cost>=MCV__Entitic_volume__by_Automated_count*device_l
ifetime_length^2
2334 medications_lifetime_cost>=sqrt(Microalbumin_Creatinine_Ratio)*encounters_l
ifetime_payer_coverage
2335 medications_lifetime_cost>=(medications_active-1)^Hemoglobin_A1c_Hemoglobin
_total_in_Blood
2336 medications_lifetime_cost>=sqrt(Platelet_mean_volume__Entitic_volume__in_Bl
ood_by_Automated_count)^mean_Calcium
2337 medications_lifetime_cost>=2*medications_lifetime_length/QOLS
2338 medications_lifetime_cost>=1/2*Chloride*medications_lifetime_dispenses
2339 medications_lifetime_cost>=medications_lifetime_dispenses^2/active_conditio
n_length
2340 medications_lifetime_cost>=medications_lifetime_dispenses^2/Body_Mass_Index
2341 medications_lifetime_cost>=sqrt(medications_active)^Platelet_mean_volume__E

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ntitic_volume__in_Blood_by_Automated_count
2342 medications_lifetime_cost>=encounters_lifetime_payer_coverage*log(medicatio
ns_lifetime_dispenses)
2343 medications_lifetime_cost>=ceil(DALY)*medications_lifetime_dispenses
2344 medications_lifetime_cost>=Estimated_Glomerular_Filtration_Rate*Respiratory
_rate^2
2345 medications_lifetime_perc_covered<=lifetime_care_plans
2346 medications_lifetime_perc_covered<=healthcare_coverage
2347 medications_lifetime_perc_covered<=(lifetime_care_plan_length-1)^2
2348 medications_lifetime_perc_covered<=log(DALY)^Total_Cholesterol
2349 medications_lifetime_perc_covered<=medications_lifetime
2350 medications_lifetime_perc_covered<=encounters_lifetime_perc_covered^num_all
ergies
2351
medications_lifetime_perc_covered<=sqrt(encounters_lifetime_perc_covered)^QOLS
2352 medications_lifetime_perc_covered<=-medications_active+medications_lifetime
2353 medications_lifetime_perc_covered<=DALY*Respiratory_rate
2354 medications_lifetime_perc_covered<=2*Total_Cholesterol/Platelets___volume_
_in_Blood_by_Automated_count
2355 medications_lifetime_perc_covered<=-Creatinine+Leukocytes___volume__in_Blo
od_by_Automated_count
2356 medications_lifetime_perc_covered<=log(10)/log(mean_Respiratory_rate)
2357 medications_lifetime_perc_covered<=1/2*healthcare_coverage/encounters_lifet
ime_total_cost
2358 medications_lifetime_perc_covered<=(Triglycerides-1)/Sodium
2359 medications_lifetime_perc_covered<=1/2*Creatinine+procedures_lifetime
2360 medications_lifetime_perc_covered<=e^Creatinine/immunizations_lifetime
2361 medications_lifetime_perc_covered<=e^Erythrocytes___volume__in_Blood_by_Au
tomated_count/MCV__Entitic_volume__by_Automated_count
2362
medications_lifetime_perc_covered<=log(healthcare_expenses)/active_conditions
2363 medications_lifetime_perc_covered<=maximum(Sodium,1/Prostate_specific_Ag__M
ass_volume__in_Serum,Plasma)
2364 medications_lifetime_perc_covered<=(Aspartate_aminotransferase__Enzymatic_a
ctivity_volume__in_Serum,Plasma+1)/device_lifetime_length
2365 medications_lifetime_perc_covered<=sqrt(healthcare_coverage)/lifetime_care_
plan_length
2366 medications_lifetime_perc_covered<=(Potassium-1)/Prostate_specific_Ag__Mass
_volume__in_Serum,Plasma
2367 medications_lifetime_perc_covered<=maximum(Sodium,1/Erythrocytes___volume_
_in_Blood_by_Automated_count)
2368 medications_lifetime_perc_covered<=log(active_conditions)^Globulin__Mass_vo
lume__in_Serum_by_calculation
2369 medications_lifetime_perc_covered<=10^Pain_severity___0_10_verbal_numeric_r
ating__Score___Reported/Globulin__Mass_volume__in_Serum_by_calculation
2370 medications_lifetime_perc_covered<=Pain_severity___0_10_verbal_numeric_rati
ng__Score___Reported+1/2*immunizations_lifetime
2371 medications_lifetime_perc_covered<=(lifetime_conditions+1)/Leukocytes___vo

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lume__in_Blood_by_Automated_count
 2372
 medications_lifetime_perc_covered<=log(DALY)^Hemoglobin__Mass_volume__in_Blood
 2373 medications_lifetime_perc_covered<=sqrt(healthcare_coverage)/Sodium
 2374 medications_lifetime_perc_covered<=1/2*lifetime_condition_length/procedures
 _lifetime
 2375 medications_lifetime_perc_covered<=-medications_lifetime+medications_lifeti
 me_dispenses
 2376 medications_lifetime_perc_covered<=active_condition_length-
 device_lifetime_length
 2377 medications_lifetime_perc_covered<=log(Low_Density_Lipoprotein_Cholesterol)
 -mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 2378 medications_lifetime_perc_covered<=active_condition_length^2-medications_li
 fetime
 2379 medications_lifetime_perc_covered<=encounters_count^2/age
 2380 medications_lifetime_perc_covered<=(1/2*active_conditions)^procedures_lifet
 ime_cost
 2381 medications_lifetime_perc_covered<=(encounters_count-1)/DALY
 2382 medications_lifetime_perc_covered<=sqrt(medications_lifetime)/Albumin__Mass
 _volume__in_Serum,Plasma
 2383 medications_lifetime_perc_covered<=(log(encounters_count)/log(10))^Total_Ch
 olesterol
 2384 medications_lifetime_perc_covered<=encounters_count^2/immunizations_lifetim
 e_cost
 2385 medications_lifetime_perc_covered<=QOLS+procedures_lifetime
 2386 medications_lifetime_perc_covered<=1/(Pain_severity___0_10_verbal_numeric_r
 ating__Score____Reported*num_allergies)
 2387 medications_lifetime_perc_covered<=sqrt(Bilirubin_total__Mass_volume__in_Se
 rum,Plasma)+immunizations_lifetime
 2388 medications_lifetime_perc_covered<=Diastolic_Blood_Pressure/mean_Heart_rate
 2389 medications_lifetime_perc_covered<=(Body_Weight-1)/Heart_rate
 2390 medications_lifetime_perc_covered<=(Body_Weight-1)/Diastolic_Blood_Pressure
 2391 medications_lifetime_perc_covered<=10^QOLS/Prostate_specific_Ag__Mass_volum
 e__in_Serum,Plasma
 2392 medications_lifetime_perc_covered<=Pain_severity___0_10_verbal_numeric_rati
 ng__Score____Reported^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 2393 medications_lifetime_perc_covered<=1/2*Platelets____volume__in_Blood_by_Aut
 omated_count/mean_Triglycerides
 2394 medications_lifetime_perc_covered<=1/2*Low_Density_Lipoprotein_Cholesterol/
 active_care_plan_length
 2395 medications_lifetime_perc_covered<=1/2*Potassium*encounters_lifetime_perc_c
 overed
 2396 medications_lifetime_perc_covered<=2*encounters_count/High_Density_Lipoprot
 ein_Cholesterol
 2397 medications_lifetime_perc_covered<=1/(mean_Estimated_Glomerular_Filtration_
 Rate*num_allergies)
 2398 medications_lifetime_perc_covered<=ceil(Potassium)/Hemoglobin_A1c_Hemoglobi
 n_total_in_Blood

2399 medications_lifetime_perc_covered<=1/(Albumin__Mass_volume__in_Serum,Plasma
 *num_allergies)
 2400 medications_lifetime_perc_covered<=QOLS*log(Diastolic_Blood_Pressure)
 2401 medications_lifetime_perc_covered<=maximum(Estimated_Glomerular_Filtration_
 Rate,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
 2402 medications_lifetime_perc_covered<=(Low_Density_Lipoprotein_Cholesterol+1)/
 mean_Low_Density_Lipoprotein_Cholesterol
 2403 medications_lifetime_perc_covered<=floor(Creatinine)^Estimated_Glomerular_F
 iltration_Rate
 2404 medications_lifetime_perc_covered<=10^Creatinine/medications_active
 2405 medications_lifetime_perc_covered<=(DALY-1)^mean_DALY
 2406 medications_lifetime_perc_covered<=-encounters_lifetime_perc_covered+log(Po
 tassium)
 2407 medications_lifetime_perc_covered<=1/2*encounters_count/Calcium
 2408
 medications_lifetime_perc_covered<=1/2*medications_lifetime/active_care_plans
 2409 medications_lifetime_perc_covered<=(2*QOLS)^Albumin__Mass_volume__in_Serum,
 Plasma
 2410
 medications_lifetime_perc_covered<=2*Creatinine*encounters_lifetime_perc_covered
 2411 medications_lifetime_perc_covered<=log(Prostate_specific_Ag__Mass_volume__i
 n_Serum,Plasma)/log(10)+immunizations_lifetime
 2412 medications_lifetime_perc_covered<=log(Alanine_aminotransferase__Enzymatic_
 activity_volume__in_Serum,Plasma)/log(10)-encounters_lifetime_perc_covered
 2413
 medications_lifetime_perc_covered<=e^DALY/mean_Microalbumin_Creatinine_Ratio
 2414 medications_lifetime_perc_covered<=-active_care_plans+log(Platelet_distribu
 tion_width__Entitic_volume__in_Blood_by_Automated_count)
 2415 medications_lifetime_perc_covered<=sqrt(Systolic_Blood_Pressure)-Leukocytes
 ___volume__in_Blood_by_Automated_count
 2416 medications_lifetime_perc_covered<=sqrt(Carbon_Dioxide)/mean_Hemoglobin_A1c
 _Hemoglobin_total_in_Blood
 2417
 medications_lifetime_perc_covered<=2*Body_Mass_Index/active_care_plan_length
 2418 medications_lifetime_perc_covered<=1/2*Pain_severity___0_10_verbal_numeric_
 rating__Score___Reported+medications_active
 2419 medications_lifetime_perc_covered<=1/2*Low_Density_Lipoprotein_Cholesterol/
 active_condition_length
 2420 medications_lifetime_perc_covered<=2*Creatinine-
 encounters_lifetime_perc_covered
 2421 medications_lifetime_perc_covered<=ceil(Glomerular_filtration_rate_1_73_sq_
 M_predicted)/Body_Mass_Index
 2422 medications_lifetime_perc_covered<=log(Erythrocyte_distribution_width__Enti
 tic_volume__by_Automated_count)/medications_active
 2423 medications_lifetime_perc_covered>=num_allergies-1
 2424 medications_lifetime_perc_covered>=-healthcare_coverage
 2425 medications_lifetime_perc_covered>=-num_allergies
 2426 medications_lifetime_perc_covered>=Globulin__Mass_volume__in_Serum_by_calcu

lation²-Urea_Nitrogen
 2427 medications_lifetime_perc_covered>=1/2*num_allergies/Estimated_Glomerular_Filtration_Rate
 2428 medications_lifetime_perc_covered>=2*Creatinine-Microalbumin_Creatinine_Ratio
 2429 medications_lifetime_perc_covered>=lifetime_care_plans-mean_Calcium
 2430 medications_lifetime_perc_covered>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+log(Creatinine)
 2431 medications_lifetime_perc_covered>=-Albumin__Mass_volume__in_Serum,Plasma+mean_Albumin__Mass_volume__in_Serum,Plasma
 2432 medications_lifetime_perc_covered>=2*imaging_studies_lifetime/DALY
 2433 medications_lifetime_perc_covered>=minimum(device_lifetime_length,log(immunizations_lifetime))
 2434 medications_lifetime_perc_covered>=-Urea_Nitrogen+medications_active
 2435 medications_lifetime_perc_covered>=Bilirubin_total__Mass_volume__in_Serum,Plasma²-Creatinine
 2436
 medications_lifetime_perc_covered>=-immunizations_lifetime+1/2*num_allergies
 2437 medications_lifetime_perc_covered>=log(encounters_lifetime_payer_coverage)/log(10)-Potassium
 2438 medications_lifetime_perc_covered>=1/2*Hemoglobin__Mass_volume__in_Blood-Urea_Nitrogen
 2439 medications_lifetime_perc_covered>=Globulin__Mass_volume__in_Serum_by_calculation-active_conditions
 2440 medications_lifetime_perc_covered>=-Body_Height+mean_Body_Height
 2441 medications_lifetime_perc_covered>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+log(Urea_Nitrogen)
 2442 medications_lifetime_perc_covered>=log(procedures_lifetime)/Hemoglobin__Mass_volume__in_Blood
 2443
 medications_lifetime_perc_covered>=1/2*floor(encounters_lifetime_perc_covered)
 2444 medications_lifetime_perc_covered>=log(QOLS)^{Body_Height}
 2445 medications_lifetime_perc_covered>=Albumin__Mass_volume__in_Serum,Plasma²-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 2446 medications_lifetime_perc_covered>=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)/active_conditions
 2447 medications_lifetime_perc_covered>=-Albumin__Mass_volume__in_Serum,Plasma+log(latitude)
 2448 medications_lifetime_perc_covered>=(Creatinine-1)/Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
 2449 medications_lifetime_perc_covered>=1/Estimated_Glomerular_Filtration_Rate-medications_active
 2450 medications_lifetime_perc_covered>=(e^{Urea_Nitrogen})^{longitude}
 2451 medications_lifetime_perc_covered>=Potassium*log(Bilirubin_total__Mass_volume__in_Serum,Plasma)/log(10)
 2452 medications_lifetime_perc_covered>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+log(medications_active)
 2453 medications_lifetime_perc_covered>=log(device_lifetime_length)/Estimated_Gl

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omerular_Filtration_Rate
2454 medications_lifetime_perc_covered>=-Platelet_mean_volume__Entitic_volume__i
n_Blood_by_Automated_count+2*active_care_plans
2455
medications_lifetime_perc_covered>=sqrt(active_care_plan_length)-Urea_Nitrogen
2456 medications_lifetime_perc_covered>=sqrt(Hemoglobin__Mass_volume__in_Blood)-
Leukocytes___volume__in_Blood_by_Automated_count
2457 medications_lifetime_perc_covered>=-Erythrocytes___volume__in_Blood_by_Aut
omated_count+ceil(Creatinine)
2458 medications_lifetime_perc_covered>=-Erythrocytes___volume__in_Blood_by_Aut
omated_count+floor(Potassium)
2459 medications_lifetime_perc_covered>=sqrt(Respiratory_rate)-Albumin__Mass_vol
ume__in_Serum,Plasma
2460 medications_lifetime_perc_covered>=1/2*imaging_studies_lifetime-
immunizations_lifetime
2461 medications_lifetime_perc_covered>=(immunizations_lifetime-1)/Hemoglobin__M
ass_volume__in_Blood
2462 medications_lifetime_perc_covered>=sqrt(Hemoglobin__Mass_volume__in_Blood)-
active_conditions
2463 medications_lifetime_perc_covered>=log(immunizations_lifetime)/(log(10)*mea
n_Estimated_Glomerular_Filtration_Rate)
2464 medications_lifetime_perc_covered>=log(procedures_lifetime)/(Leukocytes___
volume__in_Blood_by_Automated_count*log(10))
2465 medications_lifetime_perc_covered>=floor(QOLS)/Leukocytes___volume__in_Blo
od_by_Automated_count
2466 medications_lifetime_perc_covered>=(QOLS-1)^Hemoglobin_A1c_Hemoglobin_total
_in_Blood
2467 medications_lifetime_perc_covered>=log(QOLS)^Carbon_Dioxide
2468 medications_lifetime_perc_covered>=log(QOLS)^Calcium
2469 medications_lifetime_perc_covered>=log(QOLS)^Urea_Nitrogen
2470 medications_lifetime_perc_covered>=log(Pain_severity___0_10_verbal_numeric_
rating__Score___Reported)/log(10)-QOLS
2471 medications_lifetime_perc_covered>=-Platelet_mean_volume__Entitic_volume__i
n_Blood_by_Automated_count+floor(Leukocytes___volume__in_Blood_by_Automated_cou
nt)
2472 medications_lifetime_perc_covered>=(1/Chloride)^Body_Height
2473 medications_lifetime_perc_covered>=log(Prostate_specific_Ag__Mass_volume__i
n_Serum,Plasma)-mean_Creatinine
2474 medications_lifetime_perc_covered>=1/Estimated_Glomerular_Filtration_Rate-
immunizations_lifetime
2475 medications_lifetime_length<=sqrt(latitude)*medications_lifetime_dispenses
2476 medications_lifetime_length<=medications_lifetime_cost
2477 medications_lifetime_length<=(log(healthcare_expenses)/log(10))^active_cond
ition_length
2478 medications_lifetime_length<=sqrt(healthcare_expenses)^medications_lifetime
2479 medications_lifetime_length<=log(Chloride)*medications_lifetime_dispenses
2480 medications_lifetime_length<=2*Glucose*mean_Chloride
2481 medications_lifetime_length<=age^2+healthcare_coverage

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2482 $\text{medications_lifetime_length} \leq \text{Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count} * \text{ceil}(\text{QALY})$
 2483 $\text{medications_lifetime_length} \leq \log(\text{Systolic_Blood_Pressure}) * \text{medications_lifetime_dispenses}$
 2484 $\text{medications_lifetime_length} \leq \sqrt{\text{Body_Mass_Index}} * \text{encounters_lifetime_total_cost}$
 2485
 $\text{medications_lifetime_length} \leq \log(\text{Body_Height}) * \text{medications_lifetime_dispenses}$
 2486 $\text{medications_lifetime_length} \leq \text{MCHC_Mass_volume_by_Automated_count} + \text{healthcare_coverage} - 1$
 2487
 $\text{medications_lifetime_length} \leq \text{Microalbumin_Creatinine_Ratio}^2 * \text{Total_Cholesterol}$
 2488 $\text{medications_lifetime_length} \leq 2 * \text{Prostate_specific_Ag_Mass_volume_in_Serum, Plasma} * \text{encounters_lifetime_payer_coverage}$
 2489 $\text{medications_lifetime_length} \leq \text{Body_Height}^2 / \text{imaging_studies_lifetime}$
 2490 $\text{medications_lifetime_length} \leq (\text{healthcare_expenses} - 1) / \text{Respiratory_rate}$
 2491 $\text{medications_lifetime_length} \leq (\log(\text{Triglycerides}) / \log(10)) * \text{Respiratory_rate}$
 2492 $\text{medications_lifetime_length} \leq (\text{healthcare_expenses} - 1) / \text{Calcium}$
 2493 $\text{medications_lifetime_length} \leq (\text{Total_Cholesterol} - 1) * \text{Diastolic_Blood_Pressure}$
 2494 $\text{medications_lifetime_length} \leq 10^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} + \text{healthcare_coverage}}$
 2495 $\text{medications_lifetime_length} \leq (2 * \text{Carbon_Dioxide})^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}}$
 2496 $\text{medications_lifetime_length} \leq (e^{\text{Glomerular_filtration_rate_1_73_sq_M_predicted}})^{\text{QOLS}}$
 2497
 $\text{medications_lifetime_length} \leq \log(\text{Triglycerides}) * \text{medications_lifetime_dispenses}$
 2498 $\text{medications_lifetime_length} \leq \sqrt{\text{Low_Density_Lipoprotein_Cholesterol}} * \text{mean_Potassium}$
 2499 $\text{medications_lifetime_length} \leq \text{active_condition_length} * e^{\text{encounters_count}}$
 2500 $\text{medications_lifetime_length} \leq \log(\text{Hemoglobin_Mass_volume_in_Blood})^{\text{encounters_count}}$
 2501 $\text{medications_lifetime_length} \leq \text{latitude}^2 * \text{medications_lifetime}$
 2502 $\text{medications_lifetime_length} \leq \text{encounters_lifetime_payer_coverage} * \log(\text{Estimated_Glomerular_Filtration_Rate})$
 2503 $\text{medications_lifetime_length} \leq (\text{Potassium} - 1)^{\text{Urea_Nitrogen}}$
 2504
 $\text{medications_lifetime_length} \leq 2 * \text{medications_lifetime_cost} / \text{device_lifetime_length}$
 2505 $\text{medications_lifetime_length} \leq 1/2 * \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma} * \text{medications_lifetime_dispenses}$
 2506 $\text{medications_lifetime_length} \leq \log(\text{Albumin_Mass_volume_in_Serum, Plasma}) * \text{mean_Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma}$
 2507 $\text{medications_lifetime_length} \leq \text{Protein_Mass_volume_in_Serum, Plasma}^2 * \text{medications_active}$
 2508 $\text{medications_lifetime_length} \leq \text{ceil}(\text{Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma}) * \text{mean_Globulin_Mass_volume_in_Serum_by_calculation}$
 2509 $\text{medications_lifetime_length} \leq (\text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count} - 1)^{\text{active_conditions}}$

2510 medications_lifetime_length<=Glucose*e^medications_lifetime
 2511 medications_lifetime_length<=(1/2*lifetime_care_plan_length)^Potassium
 2512 medications_lifetime_length<=(lifetime_care_plan_length+1)*mean_Total_Cholesterol
 2513 medications_lifetime_length<=minimum(healthcare_expenses,2*NT_proBNP)
 2514 medications_lifetime_length<=(1/2*encounters_count)^Leukocytes___volume__in_Blood_by_Automated_count
 2515 medications_lifetime_length<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*medications_lifetime^2
 2516 medications_lifetime_length<=log(e^encounters_lifetime_total_cost)
 2517
 medications_lifetime_length<=(log(procedures_lifetime_cost)/log(10))^Calcium
 2518 medications_lifetime_length<=ceil(e^medications_lifetime_dispenses)
 2519 medications_lifetime_length<=(10^QOLS)^Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 2520
 medications_lifetime_length<=active_condition_length*sqrt(healthcare_expenses)
 2521 medications_lifetime_length>=num_allergies
 2522 medications_lifetime_length>=(active_care_plans+1)*medications_lifetime
 2523 medications_lifetime_length>=e^QOLS*medications_lifetime_dispenses
 2524 medications_lifetime_length>=sqrt(Low_Density_Lipoprotein_Cholesterol)^Globulin__Mass_volume__in_Serum_by_calculation
 2525 medications_lifetime_length>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,2*Total_Cholesterol)
 2526
 medications_lifetime_length>=Estimated_Glomerular_Filtration_Rate^2/latitude
 2527 medications_lifetime_length>=mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported*medications_lifetime_dispenses
 2528 medications_lifetime_length>=sqrt(active_conditions)*medications_lifetime_dispenses
 2529 medications_lifetime_length>=(2*medications_lifetime_perc_covered)^Respiratory_rate
 2530 medications_lifetime_length>=1/2*encounters_lifetime_total_cost/Leukocytes___volume__in_Blood_by_Automated_count
 2531 medications_lifetime_length>=Albumin__Mass_volume__in_Serum,Plasma^2*High_Density_Lipoprotein_Cholesterol
 2532 medications_lifetime_length>=Microalbumin_Creatinine_Ratio*sqrt(Systolic_Blood_Pressure)
 2533 medications_lifetime_length>=ceil(medications_lifetime_cost)/mean_Glucose
 2534 medications_lifetime_length>=(medications_lifetime_dispenses+1)*imaging_studies_lifetime
 2535 medications_lifetime_length>=(Total_Cholesterol-1)*medications_active
 2536 medications_lifetime_length>=(immunizations_lifetime+1)*medications_lifetime_dispenses
 2537 medications_lifetime_length>=(2*Bilirubin_total__Mass_volume__in_Serum,Plasma)^mean_Calcium
 2538 medications_lifetime_length>=Leukocytes___volume__in_Blood_by_Automated_count*sqrt(procedures_lifetime_cost)

2539 $\text{medications_lifetime_length} \geq \text{medications_lifetime}^2 / \text{mean_Chloride}$
 2540 $\text{medications_lifetime_length} \geq \log(\text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}) * \text{medications_lifetime_dispenses}$
 2541 $\text{medications_lifetime_length} \geq 10^{\text{active_care_plans} / \text{MCH_Entitic_mass_by_Automated_count}}$
 2542 $\text{medications_lifetime_length} \geq (\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma} + 1) * \text{encounters_count}$
 2543 $\text{medications_lifetime_length} \geq \text{Diastolic_Blood_Pressure} * e^{\text{Globulin_Mass_volume_in_Serum_by_calculation}}$
 2544 $\text{medications_lifetime_length} \geq \sqrt{\text{lifetime_conditions}} * \text{medications_lifetime_dispenses}$
 2545 $\text{medications_lifetime_length} \geq 10^{\text{Potassium} / \text{MCH_Entitic_mass_by_Automated_count}}$
 2546 $\text{medications_lifetime_length} \geq \text{DALY}^2 * \text{medications_active}$
 2547 $\text{medications_lifetime_length} \geq (\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported} - 1) * \text{medications_lifetime_dispenses}$
 2548 $\text{medications_lifetime_length} \geq \sqrt{\text{healthcare_coverage}} * \text{medications_active}$
 2549 $\text{medications_lifetime_length} \geq \log(\text{device_lifetime_length}) * \text{medications_lifetime_dispenses}$
 2550 $\text{medications_lifetime_length} \geq \text{device_lifetime_length} * \sqrt{\text{medications_lifetime_dispenses}}$
 2551 $\text{medications_lifetime_length} \geq \text{lifetime_care_plan_length} * \log(\text{medications_lifetime_dispenses})$
 2552 $\text{medications_lifetime_length} \geq \sqrt{\text{lifetime_care_plans}} * \text{medications_lifetime_dispenses}$
 2553 $\text{medications_lifetime_length} \geq 1/2 * \text{active_care_plans} * \text{medications_lifetime_dispenses}$
 2554 $\text{medications_lifetime_length} \geq \text{active_care_plan_length}^2 * \text{imaging_studies_lifetime}$
 2555 $\text{medications_lifetime_length} \geq \text{Chloride} * \sqrt{\text{Protein_Mass_volume_in_Serum,Plasma}}$
 2556 $\text{medications_lifetime_length} \geq \log(\text{Calcium})^{\text{Leukocytes_volume_in_Blood_by_Automated_count}}$
 2557 $\text{medications_lifetime_length} \geq \text{encounters_count}^2 * \text{num_allergies}$
 2558 $\text{medications_lifetime_length} \geq \log(\text{DALY}) * \text{medications_lifetime_dispenses}$
 2559 $\text{medications_lifetime_length} \geq 1/2 * \text{encounters_lifetime_total_cost} - \text{healthcare_coverage}$
 2560 $\text{medications_lifetime_length} \geq \sqrt{\text{Hemoglobin_Mass_volume_in_Blood}} * \text{medications_lifetime_dispenses}$
 2561 $\text{medications_lifetime_length} \geq e^{\text{encounters_lifetime_perc_covered}} * \text{medications_lifetime_dispenses}$
 2562 $\text{medications_lifetime_length} \geq \log(\text{Respiratory_rate}) * \text{medications_lifetime_dispenses}$
 2563 $\text{medications_lifetime_length} \geq (\text{Albumin_Mass_volume_in_Serum,Plasma} - 1) * \text{medications_lifetime_dispenses}$
 2564 $\text{medications_lifetime_length} \geq 2 * \text{medications_lifetime_dispenses} / \text{Creatinine}$
 2565 $\text{medications_lifetime_length} \geq (1/2 * \text{medications_active})^{\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}}$

2566 medications_lifetime_length>=Body_Mass_Index*medications_active^2
 2567 medications_lifetime_length>=log(Hematocrit__Volume_Fraction__of_Blood_by_A
 utomated_count)*medications_lifetime_dispenses
 2568 medications_lifetime_length>=floor(Alkaline_phosphatase__Enzymatic_activity
 _volume__in_Serum,Plasma)*procedures_lifetime
 2569
 medications_lifetime_length>=medications_active*sqrt(procedures_lifetime_cost)
 2570 medications_lifetime_length>=10^Potassium/Alanine_aminotransferase__Enzymat
 ic_activity_volume__in_Serum,Plasma
 2571 medications_lifetime_length>=(Calcium+1)*Microalbumin_Creatinine_Ratio
 2572 medications_lifetime_length>=log(Erythrocyte_distribution_width__Entitic_vo
 lume__by_Automated_count)*medications_lifetime_dispenses
 2573 medications_lifetime_length>=2*Microalbumin_Creatinine_Ratio/QOLS
 2574 medications_lifetime_dispenses<=floor(1/2*medications_lifetime_length)
 2575 medications_lifetime_dispenses<=medications_lifetime_cost
 2576 medications_lifetime_dispenses<=2*Estimated_Glomerular_Filtration_Rate*mean
 _Microalbumin_Creatinine_Ratio
 2577 medications_lifetime_dispenses<=QALY^2+Platelets____volume__in_Blood_by_Aut
 omated_count
 2578
 medications_lifetime_dispenses<=2*Body_Height+encounters_lifetime_total_cost
 2579 medications_lifetime_dispenses<=Body_Mass_Index*floor(Triglycerides)
 2580 medications_lifetime_dispenses<=sqrt(Prostate_specific_Ag__Mass_volume__in_
 Serum,Plasma)^Systolic_Blood_Pressure
 2581 medications_lifetime_dispenses<=(1/2*Globulin__Mass_volume__in_Serum_by_cal
 culation)^lifetime_condition_length
 2582 medications_lifetime_dispenses<=(medications_lifetime_length-1)/Globulin__M
 ass_volume__in_Serum_by_calculation
 2583 medications_lifetime_dispenses<=medications_lifetime_length/mean_Pain_sever
 ity__0_10_verbal_numeric_rating__Score____Reported
 2584 medications_lifetime_dispenses<=log(Respiratory_rate)^mean_Urea_Nitrogen
 2585
 medications_lifetime_dispenses<=(healthcare_expenses-1)/active_care_plan_length
 2586 medications_lifetime_dispenses<=sqrt(Body_Height)*Platelet_distribution_wid
 th__Entitic_volume__in_Blood_by_Automated_count
 2587 medications_lifetime_dispenses<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Bl
 ood)^medications_lifetime
 2588 medications_lifetime_dispenses<=encounters_count^2+healthcare_coverage
 2589 medications_lifetime_dispenses<=10^Microalbumin_Creatinine_Ratio/lifetime_c
 ondition_length
 2590 medications_lifetime_dispenses<=2*lifetime_care_plan_length*mean_Estimated_
 Glomerular_Filtration_Rate
 2591 medications_lifetime_dispenses<=sqrt(MCH__Entitic_mass__by_Automated_count)
 ^lifetime_conditions
 2592 medications_lifetime_dispenses<=1/2*Erythrocytes____volume__in_Blood_by_Aut
 omated_count*encounters_lifetime_payer_coverage
 2593 medications_lifetime_dispenses<=floor(encounters_lifetime_payer_coverage)/m
 edications_lifetime_perc_covered

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2594 medications_lifetime_dispendes<=minimum(healthcare_expenses,1/2*NT_proBNP)
2595 medications_lifetime_dispendes<=floor(medications_lifetime_cost)/DALY
2596 medications_lifetime_dispendes<=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood*
medications_lifetime
2597 medications_lifetime_dispendes<=(Glucose+1)*QALY
2598 medications_lifetime_dispendes<=(Alanine_aminotransferase__Enzymatic_activi
ty_volume__in_Serum,Plasma+1)^mean_Globulin__Mass_volume__in_Serum_by_calculatio
n
2599
medications_lifetime_dispendes<=1/2*healthcare_coverage/immunizations_lifetime
2600 medications_lifetime_dispendes<=1/2*Sodium*active_care_plan_length
2601 medications_lifetime_dispendes<=e^encounters_count-longitude
2602 medications_lifetime_dispendes<=Globulin__Mass_volume__in_Serum_by_calculat
ion*active_care_plan_length^2
2603 medications_lifetime_dispendes<=MCHC__Mass_volume__by_Automated_count*ceil(
Chloride)
2604 medications_lifetime_dispendes<=Body_Mass_Index*sqrt(healthcare_coverage)
2605 medications_lifetime_dispendes<=Prostate_specific_Ag__Mass_volume__in_Serum
,Plasma+e^active_care_plan_length
2606 medications_lifetime_dispendes<=(log(healthcare_coverage)/log(10))^active_c
ondition_length
2607 medications_lifetime_dispendes<=(e^age)^QOLS
2608 medications_lifetime_dispendes<=2*Aspartate_aminotransferase__Enzymatic_act
ivity_volume__in_Serum,Plasma*lifetime_care_plan_length
2609 medications_lifetime_dispendes<=e^Respiratory_rate/device_lifetime_length
2610 medications_lifetime_dispendes<=Heart_rate*e^Potassium
2611 medications_lifetime_dispendes<=10^encounters_count/latitude
2612 medications_lifetime_dispendes<=log(e^medications_lifetime_length)/log(10)
2613 medications_lifetime_dispendes<=1/2*Low_Density_Lipoprotein_Cholesterol^2
2614 medications_lifetime_dispendes<=active_care_plan_length*e^Potassium
2615 medications_lifetime_dispendes<=1/2*Creatinine*medications_lifetime_length
2616 medications_lifetime_dispendes<=-mean_Microalbumin_Creatinine_Ratio+1/2*med
ications_lifetime_length
2617 medications_lifetime_dispendes<=e^active_condition_length+immunizations_lif
etime_cost
2618 medications_lifetime_dispendes<=e^active_care_plan_length/Hemoglobin_A1c_He
moglobin_total_in_Blood
2619 medications_lifetime_dispendes<=e^active_conditions-
mean_Estimated_Glomerular_Filtration_Rate
2620 medications_lifetime_dispendes<=sqrt(Erythrocyte_distribution_width__Entiti
c_volume__by_Automated_count)^active_conditions
2621 medications_lifetime_dispendes<=e^Aspartate_aminotransferase__Enzymatic_act
ivity_volume__in_Serum,Plasma/medications_active
2622 medications_lifetime_dispendes<=ceil(Alkaline_phosphatase__Enzymatic_activi
ty_volume__in_Serum,Plasma)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
2623 medications_lifetime_dispendes<=2*Alkaline_phosphatase__Enzymatic_activity_
volume__in_Serum,Plasma*medications_lifetime
2624 medications_lifetime_dispendes<=e^encounters_count/encounters_lifetime_perc

```

_covered
 2625 medications_lifetime_dispendes<=(log(immunizations_lifetime_cost)/log(10))[^]
 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 2626 medications_lifetime_dispendes<=maximum(encounters_lifetime_payer_coverage,
 10[^]medications_lifetime)
 2627 medications_lifetime_dispendes<=10[^]medications_lifetime+High_Density_Lipopr
 otein_Cholesterol
 2628
 medications_lifetime_dispendes<=1/2*medications_lifetime_cost/Carbon_Dioxide
 2629 medications_lifetime_dispendes<=2*medications_lifetime_cost/lifetime_care_p
 lan_length
 2630 medications_lifetime_dispendes<=(1/medications_lifetime_perc_covered)[^]High_
 Density_Lipoprotein_Cholesterol
 2631 medications_lifetime_dispendes<=-medications_active+1/2*medications_lifetim
 e_length
 2632 medications_lifetime_dispendes<=floor(medications_lifetime_length)/mean_Pai
 n_severity__0_10_verbal_numeric_rating_Score___Reported
 2633 medications_lifetime_dispendes<=latitude*sqrt(medications_lifetime_length)
 2634 medications_lifetime_dispendes<=Carbon_Dioxide*Platelet_mean_volume__Entiti
 c_volume__in_Blood_by_Automated_count[^]2
 2635
 medications_lifetime_dispendes<=2*medications_lifetime_length/active_care_plans
 2636 medications_lifetime_dispendes<=2*medications_lifetime_length/Potassium
 2637 medications_lifetime_dispendes<=e[^]Platelet_mean_volume__Entitic_volume__in_
 Blood_by_Automated_count/procedures_lifetime
 2638 medications_lifetime_dispendes<=2*QALY*mean_Alanine_aminotransferase__Enzym
 atic_activity_volume__in_Serum,Plasma
 2639 medications_lifetime_dispendes<=10[^]Prostate_specific_Ag_Mass_volume__in_Se
 rum,Plasma*QALY
 2640 medications_lifetime_dispendes<=Body_Weight[^]2/immunizations_lifetime
 2641 medications_lifetime_dispendes<=Platelets___volume__in_Blood_by_Automated_
 count[^]2/device_lifetime_length
 2642 medications_lifetime_dispendes<=(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
)[^]Leukocytes___volume__in_Blood_by_Automated_count
 2643 medications_lifetime_dispendes<=Carbon_Dioxide[^]2+healthcare_coverage
 2644 medications_lifetime_dispendes<=e[^]Urea_Nitrogen/Globulin_Mass_volume__in_S
 erum_by_calculation
 2645 medications_lifetime_dispendes<=encounters_count*e[^]Albumin_Mass_volume__in_
 _Serum,Plasma
 2646 medications_lifetime_dispendes<=Platelet_distribution_width__Entitic_volume
 __in_Blood_by_Automated_count[^]2/Urea_Nitrogen
 2647 medications_lifetime_dispendes>=num_allergies
 2648 medications_lifetime_dispendes>=medications_lifetime
 2649
 medications_lifetime_dispendes>=(active_condition_length+1)*medications_active
 2650
 medications_lifetime_dispendes>=2*medications_lifetime_length/Respiratory_rate
 2651 medications_lifetime_dispendes>=Alkaline_phosphatase__Enzymatic_activity_vo

lume__in_Serum,Plasma+Total_Cholesterol+1
 2652 medications_lifetime_dispenses>=-Heart_rate+floor(Platelets___volume__in_Blood_by_Automated_count)
 2653 medications_lifetime_dispenses>=1/2*medications_lifetime_length/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2654 medications_lifetime_dispenses>=2*medications_lifetime_length/Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2655 medications_lifetime_dispenses>=medications_lifetime_length/Urea_Nitrogen
 2656 medications_lifetime_dispenses>=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*lifetime_care_plans
 2657 medications_lifetime_dispenses>=Body_Height-MCV__Entitic_volume__by_Automated_count
 2658 medications_lifetime_dispenses>=minimum(Estimated_Glomerular_Filtration_Rate,Heart_rate-1)
 2659 medications_lifetime_dispenses>=2*medications_lifetime_length/Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 2660
 medications_lifetime_dispenses>=active_care_plan_length^2-healthcare_coverage
 2661 medications_lifetime_dispenses>=10^num_allergies*medications_lifetime
 2662 medications_lifetime_dispenses>=2*medications_lifetime_length/latitude
 2663 medications_lifetime_dispenses>=2*medications_lifetime_length/mean_Respiratory_rate
 2664 medications_lifetime_dispenses>=2*latitude*num_allergies
 2665 medications_lifetime_dispenses>=sqrt(healthcare_coverage)*medications_lifetime_perc_covered
 2666 medications_lifetime_dispenses>=2*MCH__Entitic_mass__by_Automated_count*procedures_lifetime
 2667 medications_lifetime_dispenses>=(Bilirubin_total__Mass_volume__in_Serum,Plasma-1)*procedures_lifetime_cost
 2668 medications_lifetime_dispenses>=2*latitude/Bilirubin_total__Mass_volume__in_Serum,Plasma
 2669 medications_lifetime_dispenses>=2*Creatinine*MCV__Entitic_volume__by_Automated_count
 2670 medications_lifetime_dispenses>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+e^medications_active
 2671
 medications_lifetime_dispenses>=1/2*Diastolic_Blood_Pressure*medications_active
 2672 medications_lifetime_dispenses>=(medications_active-1)*Sodium
 2673 medications_lifetime_dispenses>=medications_active^2*procedures_lifetime
 2674 medications_lifetime_dispenses>=QALY+log(medications_active)
 2675 medications_lifetime_dispenses>=e^medications_lifetime_perc_covered*medications_lifetime
 2676 medications_lifetime_dispenses>=DALY*medications_active^2
 2677 medications_lifetime_dispenses>=(2*immunizations_lifetime_cost)^Bilirubin_total__Mass_volume__in_Serum,Plasma
 2678
 medications_lifetime_dispenses>=Systolic_Blood_Pressure*log(medications_active)
 2679

medications_lifetime_dispendes>=e^{Calcium/MCH__Entitic_mass__by_Automated_count}
 2680 medications_lifetime_dispendes>=(Albumin__Mass_volume__in_Serum,Plasma+1)*A
 lanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 2681 medications_lifetime_dispendes>=-Microalbumin_Creatinine_Ratio+2*medication
 s_lifetime
 2682 medications_lifetime_dispendes>=2*procedures_lifetime_cost/Platelet_distrib
 ution_width__Entitic_volume__in_Blood_by_Automated_count
 2683 medications_lifetime_dispendes>=log(Platelet_distribution_width__Entitic_vo
 lume__in_Blood_by_Automated_count)^{Creatinine}
 2684 medications_lifetime_dispendes>=MCHC__Mass_volume__by_Automated_count*floor
 (DALY)
 2685 medications_lifetime_dispendes>=imaging_studies_lifetime*sqrt(medications_l
 ifetime_cost)
 2686 medications_lifetime_dispendes>=encounters_count²/mean_Protein__Mass_volum
 e__in_Serum,Plasma
 2687 medications_lifetime_dispendes>=sqrt(Platelet_distribution_width__Entitic_v
 olume__in_Blood_by_Automated_count)*Urea_Nitrogen
 2688 medications_lifetime_dispendes>=1/2*Microalbumin_Creatinine_Ratio/QOLS
 2689 medications_lifetime_dispendes>=(Creatinine+1)*mean_Alkaline_phosphatase__E
 nzymatic_activity_volume__in_Serum,Plasma
 2690 medications_lifetime_dispendes>=medications_lifetime_length²/medications_l
 ifetime_cost
 2691 medications_lifetime_dispendes>=(Glomerular_filtration_rate_1_73_sq_M_predi
 cted+1)*procedures_lifetime
 2692 medications_lifetime_dispendes>=DALY²-encounters_lifetime_payer_coverage
 2693 medications_lifetime_dispendes>=lifetime_care_plan_length²/MCH__Entitic_ma
 ss__by_Automated_count
 2694 medications_lifetime_dispendes>=ceil(Creatinine)<sup>Polyp_size_greatest_dimens
 ion_by_CAP_cancer_protocols</sup>
 2695 medications_lifetime_dispendes>=Pain_severity___0_10_verbal_numeric_rating_
 _Score____Reported*mean_Microalbumin_Creatinine_Ratio
 2696 medications_lifetime_dispendes>=sqrt(Leukocytes___volume__in_Blood_by_Auto
 mated_count)^{Hemoglobin_A1c_Hemoglobin_total_in_Blood}
 2697 medications_lifetime_dispendes>=Aspartate_aminotransferase__Enzymatic_activ
 ity_volume__in_Serum,Plasma²+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 2698 medications_lifetime_dispendes>=(2*num_allergies)^{Calcium}
 2699 medications_lifetime_dispendes>=-QALY+e^{active_care_plans}
 2700 medications_lifetime_dispendes>=2*Alkaline_phosphatase__Enzymatic_activity_
 volume__in_Serum,Plasma*active_care_plans
 2701 medications_lifetime_dispendes>=log(Alanine_aminotransferase__Enzymatic_act
 ivity_volume__in_Serum,Plasma)^{Potassium}
 2702 medications_lifetime_dispendes>=2*Leukocytes___volume__in_Blood_by_Automat
 ed_count*device_lifetime_length
 2703
 medications_lifetime_dispendes>=Microalbumin_Creatinine_Ratio+2*encounters_count
 2704 medications_lifetime_dispendes>=sqrt(medications_lifetime_cost)-Glucose
 2705 medications_lifetime_dispendes>=(-immunizations_lifetime)<sup>Hemoglobin_A1c_He
 moglobin_total_in_Blood</sup>

2706 medications_lifetime_dispenses>=1/2*medications_lifetime_length/Potassium
 2707 medications_active<=active_conditions+immunizations_lifetime_cost
 2708 medications_active<=encounters_count-2
 2709 medications_active<=floor(lifetime_condition_length)
 2710 medications_active<=medications_lifetime
 2711
 medications_active<=(lifetime_care_plans+1)/medications_lifetime_perc_covered
 2712 medications_active<=floor(2*Potassium)
 2713
 medications_active<=minimum(Microalbumin_Creatinine_Ratio,active_care_plans+1)
 2714 medications_active<=ceil(1/2*Microalbumin_Creatinine_Ratio)
 2715 medications_active<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^2
 2716 medications_active<=sqrt(medications_lifetime_length)/Calcium
 2717 medications_active<=ceil(active_condition_length)
 2718 medications_active<=maximum(Respiratory_rate,log(QALY))
 2719 medications_active<=ceil(Urea_Nitrogen)
 2720 medications_active<=ceil(Calcium)
 2721 medications_active<=minimum(Microalbumin_Creatinine_Ratio,ceil(DALY))
 2722 medications_active<=High_Density_Lipoprotein_Cholesterol^2/Triglycerides
 2723 medications_active<=Erythrocytes___volume__in_Blood_by_Automated_count+active_care_plans
 2724 medications_active<=maximum(DALY,sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma))
 2725 medications_active<=sqrt(medications_lifetime_dispenses)/Potassium
 2726 medications_active<=sqrt(medications_lifetime_cost)/active_care_plan_length
 2727 medications_active<=medications_lifetime_dispenses/encounters_count
 2728 medications_active<=1/2*Diastolic_Blood_Pressure*QOLS
 2729 medications_active<=maximum(Triglycerides,sqrt(QALY))
 2730 medications_active<=10^healthcare_coverage+active_care_plans
 2731 medications_active<=floor(2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 2732 medications_active<=ceil(sqrt(mean_Microalbumin_Creatinine_Ratio))
 2733 medications_active<=latitude^2/lifetime_care_plan_length
 2734
 medications_active<=(lifetime_conditions-1)/medications_lifetime_perc_covered
 2735 medications_active<=(procedures_lifetime_cost-1)^Sodium
 2736 medications_active<=maximum(Triglycerides,10^healthcare_coverage)
 2737 medications_active<=active_care_plans*floor(Globulin__Mass_volume__in_Serum_by_calculation)
 2738 medications_active<=ceil(Globulin__Mass_volume__in_Serum_by_calculation)+procedures_lifetime_cost
 2739 medications_active<=maximum(Respiratory_rate,active_conditions-1)
 2740 medications_active<=log(active_conditions)^Erythrocytes___volume__in_Blood_by_Automated_count
 2741 medications_active<=medications_lifetime/Creatinine
 2742 medications_active<=-encounters_lifetime_payer_coverage+encounters_lifetime_total_cost
 2743 medications_active<=-medications_lifetime+medications_lifetime_dispenses
 2744 medications_active<=DALY*e^medications_lifetime_length

2745 medications_active<=active_conditions+e^Creatinine
 2746 medications_active<=floor(2*mean_Potassium)
 2747 medications_active<=2*Chloride/DALY
 2748 medications_active<=-lifetime_care_plans+mean_Respiratory_rate
 2749 medications_active<=floor(Potassium)+immunizations_lifetime_cost
 2750 medications_active<=-Erythrocyte_distribution_width__Entitic_volume__by_Aut
 omated_count+e^Potassium
 2751 medications_active<=-Pain_severity___0_10_verbal_numeric_rating__Score____R
 eported+floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)
 2752 medications_active<=QOLS*ceil(Platelet_mean_volume__Entitic_volume__in_Bloo
 d_by_Automated_count)
 2753 medications_active<=Body_Mass_Index-Urea_Nitrogen
 2754 medications_active<=active_care_plans+immunizations_lifetime_cost+1
 2755 medications_active<=floor(Glucose)/lifetime_conditions
 2756 medications_active<=minimum(Triglycerides,lifetime_care_plans^2)
 2757 medications_active<=sqrt(healthcare_expenses)/High_Density_Lipoprotein_Chol
 esterol
 2758 medications_active<=Carbon_Dioxide-active_conditions-1
 2759 medications_active<=(procedures_lifetime_cost-1)^Hemoglobin_A1c_Hemoglobin_
 total_in_Blood
 2760 medications_active<=active_care_plans*ceil(Prostate_specific_Ag__Mass_volum
 e__in_Serum,Plasma)
 2761
 medications_active<=minimum(Microalbumin_Creatinine_Ratio,active_care_plans^2)
 2762 medications_active<=maximum(Respiratory_rate,10^QOLS)
 2763 medications_active<=Urea_Nitrogen^2/MCH__Entitic_mass__by_Automated_count
 2764 medications_active<=maximum(Protein__Mass_volume__in_Serum,Plasma,log(Total
 _Cholesterol))
 2765 medications_active<=active_conditions*floor(Prostate_specific_Ag__Mass_volu
 me__in_Serum,Plasma)
 2766 medications_active<=-QALY+2*latitude
 2767 medications_active<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
 ated_count-immunizations_lifetime
 2768 medications_active<=2*Diastolic_Blood_Pressure-Systolic_Blood_Pressure
 2769 medications_active<=floor(Albumin__Mass_volume__in_Serum,Plasma)+immunizati
 ons_lifetime_cost
 2770 medications_active<=10^active_care_plans+lifetime_conditions
 2771 medications_active<=active_conditions^2+procedures_lifetime_cost
 2772 medications_active<=Pain_severity___0_10_verbal_numeric_rating__Score____Re
 ported+e^lifetime_care_plans
 2773 medications_active<=1/2*Respiratory_rate+procedures_lifetime
 2774
 medications_active<=minimum(Microalbumin_Creatinine_Ratio,1/2*active_conditions)
 2775 medications_active<=lifetime_care_plans^2/imaging_studies_lifetime
 2776 medications_active<=1/2*Body_Weight-MCH__Entitic_mass__by_Automated_count
 2777 medications_active<=ceil(Globulin__Mass_volume__in_Serum_by_calculation)+im
 munizations_lifetime_cost
 2778 medications_active<=(immunizations_lifetime_cost-1)^mean_Estimated_Glomerul


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ar_Filtration_Rate
2779 medications_active<=-Glucose+2*Heart_rate
2780 medications_active<=maximum(Sodium,ceil(Prostate_specific_Ag__Mass_volume__
in_Serum,Plasma))
2781 medications_active<=1/2*MCHC__Mass_volume__by_Automated_count-
procedures_lifetime
2782 medications_active>=num_allergies
2783 medications_active>=2*imaging_studies_lifetime
2784 medications_active>=floor(Globulin__Mass_volume__in_Serum_by_calculation)
2785 medications_active>=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)^2
2786 medications_active>=2*num_allergies
2787 medications_active>=num_allergies^healthcare_coverage
2788 medications_active>=active_care_plans^2/Aspartate_aminotransferase__Enzymat
ic_activity_volume__in_Serum,Plasma
2789 medications_active>=minimum(immunizations_lifetime_cost,log(device_lifetime
_length))
2790 medications_active>=mean_Pain_severity___0_10_verbal_numeric_rating__Score_
___Reported*num_allergies
2791 medications_active>=active_care_plans-active_conditions
2792 medications_active>=-Body_Mass_Index+floor(Carbon_Dioxide)
2793 medications_active>=(active_care_plans-1)*num_allergies
2794 medications_active>=2*active_care_plans-mean_Urea_Nitrogen
2795 medications_active>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted/life
time_care_plan_length
2796 medications_active>=-Heart_rate+floor(active_condition_length)
2797 medications_active>=lifetime_conditions-
mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
2798 medications_active>=-Respiratory_rate+2*lifetime_care_plans
2799 medications_active>=minimum(mean_Globulin__Mass_volume__in_Serum_by_calcula
tion,1/2*procedures_lifetime)
2800 medications_active>=-Body_Weight+2*MCHC__Mass_volume__by_Automated_count
2801 medications_active>=sqrt(Heart_rate)-Urea_Nitrogen
2802 medications_active>=immunizations_lifetime-procedures_lifetime_cost
2803
medications_active>=log(medications_lifetime)/log(10)-active_care_plan_length
2804 medications_active>=Calcium-Urea_Nitrogen
2805 medications_active>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+Potassium-1
2806 medications_active>=10^num_allergies-
Globulin__Mass_volume__in_Serum_by_calculation
2807 medications_active>=log(active_care_plans)-mean_Pain_severity___0_10_verbal
_numeric_rating__Score___Reported
2808 medications_active>=Pain_severity___0_10_verbal_numeric_rating__Score___Re
ported-lifetime_conditions+1
2809 medications_active>=Pain_severity___0_10_verbal_numeric_rating__Score___Re
ported-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
2810 medications_active>=floor(1/mean_Creatinine)
2811 medications_active>=floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasm
a)-immunizations_lifetime_cost

```

2812
 medications_active>=log(Globulin_Mass_volume__in_Serum_by_calculation)/QOLS
 2813 medications_active>=1/2*DALY-mean_Carbon_Dioxide
 2814 medications_active>=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)^Creatinine
 2815 medications_active>=1/DALY-Creatinine
 2816 medications_active>=(2*encounters_lifetime_perc_covered)^Globulin_Mass_volume__in_Serum_by_calculation
 2817 medications_active>=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)-mean_Pain_severity__0_10_verbal_numeric_rating__Score____Reported
 2818 medications_active>=-Sodium+2*active_condition_length
 2819 medications_active>=Erythrocytes____volume__in_Blood_by_Automated_count-active_care_plan_length
 2820 medications_active>=(log(QOLS)/log(10))^QALY
 2821 medications_active>=sqrt(High_Density_Lipoprotein_Cholesterol)-Calcium
 2822 medications_active>=maximum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
 2823 medications_active>=floor(log(device_lifetime_length)/log(10))
 2824 medications_active>=-Body_Weight+active_care_plan_length-1
 2825 medications_active>=(num_allergies-1)^Body_Weight
 2826 medications_active>=-DALY+active_care_plans-1
 2827 medications_active>=sqrt(imaging_studies_lifetime)*procedures_lifetime
 2828 medications_active>=active_conditions^2-lifetime_condition_length
 2829 medications_active>=active_care_plans+log(imaging_studies_lifetime)
 2830 medications_active>=sqrt(DALY)*imaging_studies_lifetime
 2831
 medications_active>=minimum(device_lifetime_length,immunizations_lifetime^2)
 2832 medications_active>=minimum(active_care_plans,log(immunizations_lifetime)/log(10))
 2833 medications_active>=log(medications_lifetime)/log(10)-Creatinine
 2834 medications_active>=log(medications_lifetime)/log(10)-mean_Creatinine
 2835 medications_active>=sqrt(DALY)-lifetime_conditions
 2836 medications_active>=(-medications_lifetime_perc_covered)^mean_Heart_rate
 2837 medications_active>=sqrt(medications_lifetime_length)/Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 2838 medications_active>=Erythrocytes____volume__in_Blood_by_Automated_count-procedures_lifetime_cost-1
 2839 medications_active>=log(DALY)/log(10)-mean_Pain_severity__0_10_verbal_numeric_rating__Score____Reported
 2840 medications_active>=2*MCHC__Mass_volume__by_Automated_count+longitude
 2841 medications_active>=log(Pain_severity__0_10_verbal_numeric_rating__Score____Reported)-procedures_lifetime
 2842 medications_active>=-Leukocytes____volume__in_Blood_by_Automated_count+2*Pain_severity__0_10_verbal_numeric_rating__Score____Reported
 2843
 medications_active>=-Respiratory_rate+floor(Hemoglobin__Mass_volume__in_Blood)
 2844
 medications_active>=Leukocytes____volume__in_Blood_by_Automated_count^2-Chloride

```

2845 medications_active>=-DALY+log(Microalbumin_Creatinine_Ratio)
2846 procedures_lifetime<=procedures_lifetime_cost
2847 procedures_lifetime<=healthcare_coverage
2848 procedures_lifetime<=1/2*procedures_lifetime_cost/Systolic_Blood_Pressure
2849 procedures_lifetime<=ceil(mean_Chloride)
2850
procedures_lifetime<=sqrt(encounters_lifetime_payer_coverage)+encounters_count
2851 procedures_lifetime<=floor(Triglycerides)-1
2852 procedures_lifetime<=floor(e^lifetime_conditions)
2853 procedures_lifetime<=Chloride-MCV__Entitic_volume__by_Automated_count
2854 procedures_lifetime<=(Body_Mass_Index-1)^Creatinine
2855 procedures_lifetime<=maximum(Protein__Mass_volume__in_Urine_by_Test_strip,s
qrt(Total_Cholesterol))
2856 procedures_lifetime<=maximum(Systolic_Blood_Pressure,latitude-1)
2857 procedures_lifetime<=healthcare_expenses^active_conditions
2858 procedures_lifetime<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2+i
mmunizations_lifetime_cost
2859 procedures_lifetime<=sqrt(floor(Platelet_distribution_width__Entitic_volume
__in_Blood_by_Automated_count))
2860 procedures_lifetime<=1/2*procedures_lifetime_cost/Body_Height
2861 procedures_lifetime<=2*floor(mean_High_Density_Lipoprotein_Cholesterol)
2862 procedures_lifetime<=floor(Leukocytes___volume__in_Blood_by_Automated_coun
t)+immunizations_lifetime_cost
2863 procedures_lifetime<=High_Density_Lipoprotein_Cholesterol-
MCH__Entitic_mass__by_Automated_count+1
2864 procedures_lifetime<=(QOLS+1)^mean_Urea_Nitrogen
2865 procedures_lifetime<=ceil(Creatinine)+medications_lifetime_cost
2866 procedures_lifetime<=Pain_severity___0_10_verbal_numeric_rating__Score___R
eported+encounters_count
2867 procedures_lifetime<=e^Leukocytes___volume__in_Blood_by_Automated_count/Ur
ea_Nitrogen
2868 procedures_lifetime<=active_conditions/num_allergies
2869 procedures_lifetime<=e^(mean_Pain_severity___0_10_verbal_numeric_rating__Sc
ore___Reported+1)
2870 procedures_lifetime<=active_care_plans^2/imaging_studies_lifetime
2871 procedures_lifetime<=-Erythrocytes___volume__in_Blood_by_Automated_count+e
ncounters_count
2872 procedures_lifetime<=1/imaging_studies_lifetime+immunizations_lifetime_cost
2873 procedures_lifetime<=-Creatinine+floor(lifetime_care_plan_length)
2874 procedures_lifetime<=2*procedures_lifetime_cost/medications_lifetime
2875 procedures_lifetime<=floor(procedures_lifetime_cost)/Platelets___volume__i
n_Blood_by_Automated_count
2876 procedures_lifetime<=(encounters_count-1)^2
2877 procedures_lifetime<=maximum(Sodium,1/num_allergies)
2878 procedures_lifetime<=lifetime_care_plan_length^2/active_care_plan_length
2879 procedures_lifetime<=-Albumin__Mass_volume__in_Serum,Plasma+medications_lif
etime+1
2880 procedures_lifetime<=e^medications_lifetime/medications_active

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2881
procedures_lifetime<=floor(encounters_lifetime_payer_coverage)/Triglycerides
2882 procedures_lifetime<=10^mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported+1
2883 procedures_lifetime<=maximum(Glomerular_filtration_rate_1_73_sq_M_predicted,1/num_allergies)
2884 procedures_lifetime<=floor(procedures_lifetime_cost)/encounters_count
2885 procedures_lifetime<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Erythrocytes___volume__in_Blood_by_Automated_count
2886 procedures_lifetime<=2*procedures_lifetime_cost/lifetime_condition_length
2887 procedures_lifetime<=Respiratory_rate/imaging_studies_lifetime
2888 procedures_lifetime<=10^active_care_plans/mean_Potassium
2889 procedures_lifetime<=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,10^active_care_plans)
2890 procedures_lifetime<=(e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^Creatinine
2891 procedures_lifetime<=(1/2*lifetime_conditions)^Glomerular_filtration_rate_1_73_sq_M_predicted
2892 procedures_lifetime<=log(MCH__Entitic_mass__by_Automated_count)^Creatinine
2893 procedures_lifetime<=e^active_conditions/mean_Microalbumin_Creatinine_Ratio
2894 procedures_lifetime<=(2*Urea_Nitrogen)^Creatinine
2895 procedures_lifetime<=maximum(Triglycerides,10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
2896 procedures_lifetime<=maximum(Protein__Mass_volume__in_Urine_by_Test_strip,e^Globulin__Mass_volume__in_Serum_by_calculation)
2897 procedures_lifetime<=(1/encounters_lifetime_perc_covered)^Urea_Nitrogen
2898 procedures_lifetime<=10^lifetime_care_plans/active_care_plans
2899 procedures_lifetime<=10^lifetime_care_plans*lifetime_conditions
2900 procedures_lifetime<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported*Globulin__Mass_volume__in_Serum_by_calculation
2901 procedures_lifetime<=e^lifetime_conditions/Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
2902
procedures_lifetime<=maximum(lifetime_conditions,1/imaging_studies_lifetime)
2903 procedures_lifetime<=e^lifetime_conditions/DALY
2904 procedures_lifetime<=minimum(Microalbumin_Creatinine_Ratio,log(Body_temperature))
2905 procedures_lifetime<=(log(encounters_count)/log(10))^Glomerular_filtration_rate_1_73_sq_M_predicted
2906 procedures_lifetime<=maximum(Sodium,ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma))
2907 procedures_lifetime<=Microalbumin_Creatinine_Ratio^2/mean_Low_Density_Lipoprotein_Cholesterol
2908 procedures_lifetime<=(immunizations_lifetime_cost-1)^mean_Estimated_Glomerular_Filtration_Rate
2909 procedures_lifetime<=log(medications_lifetime_dispenses)*medications_lifetime/log(10)
2910 procedures_lifetime>=imaging_studies_lifetime

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2911 procedures_lifetime>=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
2912 procedures_lifetime>=Creatinine-
Globulin__Mass_volume__in_Serum_by_calculation
2913 procedures_lifetime>=-active_conditions+ceil(Prostate_specific_Ag__Mass_vol
ume__in_Serum,Plasma)
2914 procedures_lifetime>=minimum(num_allergies,procedures_lifetime_cost)
2915 procedures_lifetime>=minimum(procedures_lifetime_cost,ceil(encounters_lifet
ime_perc_covered))
2916 procedures_lifetime>=active_care_plans-medications_lifetime_cost
2917 procedures_lifetime>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+ac
tive_care_plans
2918 procedures_lifetime>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood-
Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
2919 procedures_lifetime>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2*i
maging_studies_lifetime
2920 procedures_lifetime>=-active_condition_length+lifetime_conditions
2921 procedures_lifetime>=-Alanine_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma+Carbon_Dioxide-1
2922 procedures_lifetime>=-Glomerular_filtration_rate_1_73_sq_M_predicted+2*devi
ce_lifetime_length
2923 procedures_lifetime>=-Respiratory_rate+active_conditions
2924 procedures_lifetime>=-Body_Height+1/2*Microalbumin_Creatinine_Ratio
2925 procedures_lifetime>=-Respiratory_rate+lifetime_conditions
2926 procedures_lifetime>=Pain_severity___0_10_verbal_numeric_rating__Score____R
eported^2-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
2927 procedures_lifetime>=-Pain_severity___0_10_verbal_numeric_rating__Score____
Reported+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
2928 procedures_lifetime>=immunizations_lifetime-lifetime_conditions
2929 procedures_lifetime>=2*Body_Weight-
Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
2930 procedures_lifetime>=log(procedures_lifetime_cost)/(Potassium*log(10))
2931 procedures_lifetime>=log(Pain_severity___0_10_verbal_numeric_rating__Score_
___Reported)-medications_active
2932 procedures_lifetime>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/mea
n_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
2933 procedures_lifetime>=Creatinine^2-lifetime_condition_length
2934 procedures_lifetime>=2*procedures_lifetime_cost/healthcare_expenses
2935 procedures_lifetime>=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1)
*num_allergies
2936 procedures_lifetime>=Creatinine^2-Hemoglobin__Mass_volume__in_Blood
2937 procedures_lifetime>=Respiratory_rate-mean_Respiratory_rate-1
2938 procedures_lifetime>=maximum(Prostate_specific_Ag__Mass_volume__in_Serum,Pl
asma,-Estimated_Glomerular_Filtration_Rate)
2939 procedures_lifetime>=floor(sqrt(Prostate_specific_Ag__Mass_volume__in_Serum
,Plasma))
2940 procedures_lifetime>=Estimated_Glomerular_Filtration_Rate-
mean_Estimated_Glomerular_Filtration_Rate-1
2941 procedures_lifetime>=sqrt(Urea_Nitrogen)-Hemoglobin_A1c_Hemoglobin_total_in

```

_Blood

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2942 procedures_lifetime>=(num_allergies-1)^Body_Weight
2943 procedures_lifetime>=Creatinine-Potassium+1
2944 procedures_lifetime>=lifetime_care_plans^2-lifetime_care_plan_length
2945 procedures_lifetime>=lifetime_care_plans^2-mean_Glucose
2946 procedures_lifetime>=encounters_count-lifetime_condition_length-1
2947 procedures_lifetime>=(log(active_conditions)/log(10))^FEV1_FVC
2948 procedures_lifetime>=-Albumin__Mass_volume__in_Serum,Plasma+log(encounters_
count)
2949 procedures_lifetime>=(log(lifetime_conditions)/log(10))^FEV1_FVC
2950 procedures_lifetime>=-Potassium+log(Microalbumin_Creatinine_Ratio)
2951 procedures_lifetime_cost<=age*longitude^2
2952 procedures_lifetime_cost<=healthcare_coverage^2
2953 procedures_lifetime_cost<=1/2*Body_Weight*encounters_lifetime_total_cost
2954 procedures_lifetime_cost<=(10^lifetime_conditions)^Prostate_specific_Ag__Ma
ss_volume__in_Serum,Plasma
2955 procedures_lifetime_cost<=2*Erythrocytes___volume__in_Blood_by_Automated_c
ount*encounters_lifetime_total_cost
2956 procedures_lifetime_cost<=(e^Creatinine)^Hemoglobin__Mass_volume__in_Blood
2957 procedures_lifetime_cost<=healthcare_expenses*procedures_lifetime
2958 procedures_lifetime_cost<=2*Urea_Nitrogen*encounters_lifetime_total_cost
2959 procedures_lifetime_cost<=sqrt(encounters_count)^age
2960 procedures_lifetime_cost<=log(medications_lifetime_length)*medications_lif
e_time_cost/log(10)
2961 procedures_lifetime_cost<=1/2*High_Density_Lipoprotein_Cholesterol*encounte
rs_lifetime_total_cost
2962 procedures_lifetime_cost<=(Left_ventricular_Ejection_fraction^2)^procedures
_lifetime
2963 procedures_lifetime_cost<=longitude^2*mean_Glucose
2964 procedures_lifetime_cost<=(2*Low_Density_Lipoprotein_Cholesterol)^mean_Glob
ulin__Mass_volume__in_Serum_by_calculation
2965 procedures_lifetime_cost<=Erythrocyte_distribution_width__Entitic_volume__b
y_Automated_count^2*MCV__Entitic_volume__by_Automated_count
2966 procedures_lifetime_cost<=2*Microalbumin_Creatinine_Ratio*lifetime_conditio
n_length
2967 procedures_lifetime_cost<=10^Estimated_Glomerular_Filtration_Rate*Microalbu
min_Creatinine_Ratio
2968 procedures_lifetime_cost<=(Carbon_Dioxide-1)^mean_Potassium
2969 procedures_lifetime_cost<=(1/medications_lifetime_perc_covered)^mean_High_D
ensity_Lipoprotein_Cholesterol
2970 procedures_lifetime_cost<=(encounters_count^2)^Prostate_specific_Ag__Mass_v
olume__in_Serum,Plasma
2971 procedures_lifetime_cost<=(procedures_lifetime+1)^Platelet_mean_volume__Ent
itic_volume__in_Blood_by_Automated_count
2972 procedures_lifetime_cost<=Triglycerides*e^encounters_count
2973 procedures_lifetime_cost<=(e^procedures_lifetime)^mean_Urea_Nitrogen
2974 procedures_lifetime_cost<=(e^encounters_lifetime_perc_covered)^Microalbumin
_Creatinine_Ratio

```

2975 $\text{procedures_lifetime_cost} \leq \text{medications_lifetime_dispenses}^2 / \text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}$
 2976 $\text{procedures_lifetime_cost} \leq 10^{\text{procedures_lifetime} * \text{mean_Microalbumin_Creatinine_Ratio}}$
 2977 $\text{procedures_lifetime_cost} \leq \text{Chloride} * e^{\text{encounters_count}}$
 2978 $\text{procedures_lifetime_cost} \leq \text{encounters_lifetime_payer_coverage}^2 / \text{DALY}$
 2979 $\text{procedures_lifetime_cost} \leq \log(\text{lifetime_care_plan_length})^{\text{Calcium}}$
 2980 $\text{procedures_lifetime_cost} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}^{\text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count}}$
 2981 $\text{procedures_lifetime_cost} \leq 2 * \text{Prostate_specific_Ag_Mass_volume_in_Serum,Plasma} * \text{healthcare_coverage}$
 2982 $\text{procedures_lifetime_cost} \leq \sqrt{\text{Hematocrit_Volume_Fraction_of_Blood_by_Automated_count}}^{\text{Leukocytes_volume_in_Blood_by_Automated_count}}$
 2983 $\text{procedures_lifetime_cost} \leq 1/2 * \text{healthcare_expenses} * \text{mean_Creatinine}$
 2984 $\text{procedures_lifetime_cost} \leq \text{floor}(\text{Calcium}) * \text{healthcare_coverage}$
 2985
 $\text{procedures_lifetime_cost} \leq 1/2 * \text{Body_Height} * \text{encounters_lifetime_payer_coverage}$
 2986 $\text{procedures_lifetime_cost} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} * e^{\text{Urea_Nitrogen}}$
 2987 $\text{procedures_lifetime_cost} \leq \text{ceil}(\text{Protein_Mass_volume_in_Serum,Plasma}) * \text{encounters_lifetime_payer_coverage}$
 2988 $\text{procedures_lifetime_cost} \leq \log(\text{Albumin_Mass_volume_in_Serum,Plasma})^{\text{QALY}}$
 2989
 $\text{procedures_lifetime_cost} \leq \text{Hemoglobin_Mass_volume_in_Blood} * \text{encounters_count}^2$
 2990 $\text{procedures_lifetime_cost} \leq (\text{QOLS} + 1)^{\text{mean_Diastolic_Blood_Pressure}}$
 2991 $\text{procedures_lifetime_cost} \leq 10^{\text{lifetime_condition_length} / \text{medications_active}}$
 2992 $\text{procedures_lifetime_cost} \leq 10^{\text{Creatinine} * \text{healthcare_coverage}}$
 2993
 $\text{procedures_lifetime_cost} \leq -\text{Microalbumin_Creatinine_Ratio} + 2 * \text{healthcare_coverage}$
 2994 $\text{procedures_lifetime_cost} \leq (10^{\text{encounters_lifetime_perc_covered}})^{\text{mean_Carbon_Dioxide}}$
 2995 $\text{procedures_lifetime_cost} \leq e^{\text{Respiratory_rate} / \text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count}}$
 2996 $\text{procedures_lifetime_cost} \leq 10^{\text{medications_lifetime} / \text{device_lifetime_length}}$
 2997 $\text{procedures_lifetime_cost} \leq 10^{\text{active_care_plans} * \text{mean_Microalbumin_Creatinine_Ratio}}$
 2998 $\text{procedures_lifetime_cost} \leq (1 / \text{encounters_lifetime_perc_covered})^{\text{Body_Weight}}$
 2999 $\text{procedures_lifetime_cost} \leq \text{encounters_lifetime_payer_coverage}^2 + \text{healthcare_coverage}$
 3000 $\text{procedures_lifetime_cost} \leq (2 * \text{active_conditions})^{\text{Erythrocytes_volume_in_Blood_by_Automated_count}}$
 3001 $\text{procedures_lifetime_cost} \leq \text{Body_Height}^2 * \text{lifetime_conditions}$
 3002
 $\text{procedures_lifetime_cost} \leq \text{Microalbumin_Creatinine_Ratio}^2 + \text{healthcare_coverage}$
 3003 $\text{procedures_lifetime_cost} \leq \text{Triglycerides}^2 + \text{medications_lifetime_cost}$
 3004 $\text{procedures_lifetime_cost} \leq \text{Globulin_Mass_volume_in_Serum_by_calculation} * \text{lifetime_condition_length}^2$
 3005 $\text{procedures_lifetime_cost} \leq \log(\text{Albumin_Mass_volume_in_Serum,Plasma})^{\text{mean_A}}$

lkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 3006 procedures_lifetime_cost<=log(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)^Urea_Nitrogen
 3007 procedures_lifetime_cost<=10^procedures_lifetime*healthcare_coverage
 3008 procedures_lifetime_cost<=10^Urea_Nitrogen/encounters_lifetime_total_cost
 3009 procedures_lifetime_cost<=e^Urea_Nitrogen/num_allergies
 3010 procedures_lifetime_cost<=(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1)^encounters_count
 3011 procedures_lifetime_cost<=(2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^Urea_Nitrogen
 3012 procedures_lifetime_cost<=(1/2*Erythrocytes___volume__in_Blood_by_Automated_count)^mean_Urea_Nitrogen
 3013 procedures_lifetime_cost>=imaging_studies_lifetime
 3014 procedures_lifetime_cost>=sqrt(procedures_lifetime)^Albumin__Mass_volume__in_Serum,Plasma
 3015 procedures_lifetime_cost>=2*age*procedures_lifetime
 3016 procedures_lifetime_cost>=(encounters_lifetime_payer_coverage+1)*imaging_studies_lifetime
 3017 procedures_lifetime_cost>=healthcare_coverage*log(imaging_studies_lifetime)
 3018 procedures_lifetime_cost>=2*Systolic_Blood_Pressure*procedures_lifetime
 3019 procedures_lifetime_cost>=1/2*medications_lifetime*procedures_lifetime
 3020 procedures_lifetime_cost>=-Platelets___volume__in_Blood_by_Automated_count+2*medications_lifetime
 3021 procedures_lifetime_cost>=(encounters_count+1)*procedures_lifetime
 3022 procedures_lifetime_cost>=2*Body_Height*procedures_lifetime
 3023 procedures_lifetime_cost>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^2*num_allergies
 3024 procedures_lifetime_cost>=e^DALY*imaging_studies_lifetime
 3025 procedures_lifetime_cost>=Systolic_Blood_Pressure*ceil(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 3026 procedures_lifetime_cost>=(Triglycerides+1)*procedures_lifetime
 3027 procedures_lifetime_cost>=Body_Mass_Index^2-encounters_lifetime_total_cost
 3028 procedures_lifetime_cost>=Urea_Nitrogen^2*procedures_lifetime
 3029 procedures_lifetime_cost>=-encounters_count+e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 3030 procedures_lifetime_cost>=e^Hemoglobin_A1c_Hemoglobin_total_in_Blood*procedures_lifetime
 3031 procedures_lifetime_cost>=Urea_Nitrogen^2+Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 3032 procedures_lifetime_cost>=(Platelets___volume__in_Blood_by_Automated_count+1)*procedures_lifetime
 3033 procedures_lifetime_cost>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2*device_lifetime_length
 3034 procedures_lifetime_cost>=4*procedures_lifetime^2
 3035 procedures_lifetime_cost>=(Bilirubin_total__Mass_volume__in_Serum,Plasma-1)*medications_lifetime_length
 3036 procedures_lifetime_cost>=MCHC__Mass_volume__by_Automated_count^2-encounters_lifetime_total_cost


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3037
procedures_lifetime_cost>=2*Platelets___volume__in_Blood_by_Automated_count-
medications_lifetime_dispenses
3038 procedures_lifetime_cost>=(2*num_allergies)^mean_Calcium
3039 procedures_lifetime_cost>=10^Erythrocytes___volume__in_Blood_by_Automated_
count-healthcare_expenses
3040 procedures_lifetime_cost>=encounters_count^2*imaging_studies_lifetime
3041 procedures_lifetime_cost>=2*encounters_count-
mean_Estimated_Glomerular_Filtration_Rate
3042 procedures_lifetime_cost>=(2*immunizations_lifetime)^Prostate_specific_Ag__
Mass_volume__in_Serum,Plasma
3043 procedures_lifetime_cost>=2*immunizations_lifetime_cost-
medications_lifetime_cost
3044 procedures_lifetime_cost>=e^medications_active-
mean_Estimated_Glomerular_Filtration_Rate
3045 procedures_lifetime_cost>=(-medications_active)^Potassium
3046 procedures_lifetime_cost>=(1/2*procedures_lifetime)^Erythrocytes___volume_
_in_Blood_by_Automated_count
3047 procedures_lifetime_cost>=(1/2*procedures_lifetime)^mean_Globulin__Mass_vol
ume__in_Serum_by_calculation
3048 procedures_lifetime_cost>=MCV__Entitic_volume__by_Automated_count*procedure
s_lifetime^2
3049 procedures_lifetime_cost>=sqrt(procedures_lifetime)^Hemoglobin_A1c_Hemoglob
in_total_in_Blood
3050 procedures_lifetime_cost>=log(procedures_lifetime)+medications_lifetime
3051 QOLS<=healthcare_expenses
3052 QOLS<=lifetime_conditions
3053 QOLS<=mean_QOLS
3054 QOLS>=longitude
3055 QOLS>=mean_QOLS
3056 QALY<=healthcare_expenses
3057 QALY<=mean_QALY
3058 QALY>=longitude
3059 QALY>=mean_QALY
3060 DALY<=healthcare_expenses
3061 DALY<=active_condition_length
3062 DALY<=mean_DALY
3063 DALY>=longitude
3064 DALY>=imaging_studies_lifetime
3065 DALY>=mean_DALY
3066 Respiratory_rate<=healthcare_expenses
3067 Respiratory_rate<=active_care_plans+mean_Respiratory_rate
3068 Respiratory_rate<=maximum(active_care_plan_length,mean_Respiratory_rate)
3069 Respiratory_rate<=mean_Respiratory_rate/QOLS
3070 Respiratory_rate<=maximum(mean_Respiratory_rate,mean_Aspartate_aminotransfe
rase__Enzymatic_activity_volume__in_Serum,Plasma)
3071 Respiratory_rate<=maximum(mean_Respiratory_rate,ceil(Hemoglobin__Mass_volum
e__in_Blood))

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3072 Respiratory_rate<=10^immunizations_lifetime+mean_Respiratory_rate
3073 Respiratory_rate<=ceil(Leukocytes___volume__in_Blood_by_Automated_count^2)
3074 Respiratory_rate<=DALY+1/2*Estimated_Glomerular_Filtration_Rate
3075 Respiratory_rate<=2*ceil(Urea_Nitrogen)
3076 Respiratory_rate<=floor(2*mean_Estimated_Glomerular_Filtration_Rate)
3077 Respiratory_rate<=floor(1/2*High_Density_Lipoprotein_Cholesterol)
3078 Respiratory_rate<=2*floor(mean_Urea_Nitrogen)
3079 Respiratory_rate<=mean_Respiratory_rate+procedures_lifetime_cost
3080 Respiratory_rate<=maximum(QALY,mean_Respiratory_rate)
3081 Respiratory_rate<=maximum(mean_Respiratory_rate,DALY^2)
3082 Respiratory_rate<=maximum(mean_Respiratory_rate,e^DALY)
3083 Respiratory_rate<=maximum(active_condition_length,mean_Respiratory_rate)
3084 Respiratory_rate<=Calcium^2/mean_Creatinine
3085 Respiratory_rate<=mean_Respiratory_rate+medications_lifetime
3086 Respiratory_rate<=10^Pain_severity___0_10_verbal_numeric_rating__Score____R
eported*mean_Respiratory_rate
3087 Respiratory_rate<=2*sqrt(Heart_rate)
3088
Respiratory_rate<=maximum(medications_lifetime_length,mean_Respiratory_rate)
3089 Respiratory_rate<=sqrt(healthcare_expenses)/DALY
3090 Respiratory_rate<=ceil(Potassium^2)
3091 Respiratory_rate<=floor(Alanine_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)/immunizations_lifetime
3092 Respiratory_rate<=log(lifetime_conditions)+mean_Respiratory_rate
3093
Respiratory_rate<=active_care_plans+floor(Hemoglobin__Mass_volume__in_Blood)
3094
Respiratory_rate<=floor(Erythrocytes___volume__in_Blood_by_Automated_count)^2
3095 Respiratory_rate<=maximum(mean_Respiratory_rate,2*encounters_count)
3096 Respiratory_rate<=ceil(latitude)-mean_Carbon_Dioxide
3097 Respiratory_rate<=Heart_rate/Pain_severity___0_10_verbal_numeric_rating__Sc
ore____Reported
3098 Respiratory_rate<=1/num_allergies+mean_Respiratory_rate
3099 Respiratory_rate<=maximum(mean_Respiratory_rate,active_conditions^2)
3100 Respiratory_rate<=log(encounters_lifetime_payer_coverage)+mean_Calcium
3101 Respiratory_rate<=1/encounters_lifetime_perc_covered+mean_Respiratory_rate
3102 Respiratory_rate<=1/imaging_studies_lifetime+mean_Respiratory_rate
3103 Respiratory_rate<=e^Leukocytes___volume__in_Blood_by_Automated_count/mean_
Creatinine
3104 Respiratory_rate<=maximum(mean_Respiratory_rate,10^medications_lifetime)
3105 Respiratory_rate<=ceil(Creatinine)+mean_Respiratory_rate
3106 Respiratory_rate<=maximum(procedures_lifetime,floor(Estimated_Glomerular_Fi
ltration_Rate))
3107 Respiratory_rate<=maximum(Microalbumin_Creatinine_Ratio,Albumin__Mass_volum
e__in_Serum,Plasma^2)
3108 Respiratory_rate<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*Prostate_speci
fic_Ag__Mass_volume__in_Serum,Plasma
3109 Respiratory_rate<=(log(Triglycerides)/log(10))^Potassium

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3110
Respiratory_rate<=-Glomerular_filtration_rate_1_73_sq_M_predicted+ceil(Chloride)
3111 Respiratory_rate<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*ceil(Erythrocyte
s___volume__in_Blood_by_Automated_count)
3112 Respiratory_rate>=longitude
3113 Respiratory_rate>=minimum(mean_Respiratory_rate,1/2*Estimated_Glomerular_Fi
ltration_Rate)
3114 Respiratory_rate>=-active_care_plans+mean_Respiratory_rate
3115 Respiratory_rate>=ceil(sqrt(Sodium))
3116 Respiratory_rate>=mean_Respiratory_rate^num_allergies
3117 Respiratory_rate>=ceil(sqrt(Glucose))
3118 Respiratory_rate>=floor(10^Bilirubin_total__Mass_volume__in_Serum,Plasma)
3119 Respiratory_rate>=imaging_studies_lifetime^2
3120 Respiratory_rate>=ceil(Platelet_mean_volume__Entitic_volume__in_Blood_by_Au
tomated_count+1)
3121 Respiratory_rate>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
3122 Respiratory_rate>=mean_Respiratory_rate-procedures_lifetime_cost
3123 Respiratory_rate>=-mean_Pain_severity___0_10_verbal_numeric_rating__Score__
__Reported+mean_Respiratory_rate
3124 Respiratory_rate>=(Microalbumin_Creatinine_Ratio+1)/active_condition_length
3125 Respiratory_rate>=mean_Respiratory_rate^QOLS
3126 Respiratory_rate>=mean_Respiratory_rate/lifetime_conditions
3127 Respiratory_rate>=mean_Respiratory_rate-medications_lifetime
3128 Respiratory_rate>=minimum(active_conditions,1/medications_active)
3129 Respiratory_rate>=healthcare_expenses^longitude
3130 Respiratory_rate>=minimum(mean_Respiratory_rate,e^immunizations_lifetime)
3131 Respiratory_rate>=2*lifetime_care_plans-medications_active
3132 Respiratory_rate>=minimum(mean_Respiratory_rate,1/2*Creatinine)
3133 Respiratory_rate>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-Estimated_Glom
erular_Filtration_Rate
3134 Respiratory_rate>=sqrt(medications_lifetime)^QOLS
3135 Respiratory_rate>=-active_care_plans+active_conditions
3136 Respiratory_rate>=active_conditions-procedures_lifetime
3137 Respiratory_rate>=lifetime_conditions-procedures_lifetime
3138 Respiratory_rate>=Alanine_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma/Hemoglobin_A1c_Hemoglobin_total_in_Blood
3139 Respiratory_rate>=active_care_plans*immunizations_lifetime
3140 Respiratory_rate>=minimum(mean_Respiratory_rate,-Triglycerides)
3141 Respiratory_rate>=minimum(mean_Respiratory_rate,1/2*Hemoglobin_A1c_Hemoglob
in_total_in_Blood)
3142 Respiratory_rate>=active_care_plans+medications_active
3143 Respiratory_rate>=floor(log(procedures_lifetime_cost))
3144 Respiratory_rate>=log(Platelet_mean_volume__Entitic_volume__in_Blood_by_Aut
omated_count)/encounters_lifetime_perc_covered
3145 Respiratory_rate>=(10^healthcare_expenses)^longitude
3146 Respiratory_rate>=Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted+active_care_plans
3147 Respiratory_rate>=(num_allergies+1)^mean_Creatinine

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3148 Respiratory_rate>=Low_Density_Lipoprotein_Cholesterol-Sodium
3149 Respiratory_rate>=e^medications_lifetime_perc_covered/QOLS
3150 Respiratory_rate>=minimum(mean_Respiratory_rate,2*medications_active)
3151 Respiratory_rate>=2*procedures_lifetime/lifetime_conditions
3152 Respiratory_rate>=Albumin__Mass_volume__in_Serum,Plasma+lifetime_care_plans
3153 Respiratory_rate>=sqrt(procedures_lifetime)+Platelet_mean_volume__Entitic_v
olume__in_Blood_by_Automated_count
3154
Respiratory_rate>=minimum(mean_Respiratory_rate,sqrt(Systolic_Blood_Pressure))
3155 Heart_rate<=healthcare_expenses
3156 Heart_rate<=maximum(medications_lifetime,mean_Heart_rate)
3157 Heart_rate<=active_care_plan_length+mean_Heart_rate
3158 Heart_rate<=sqrt(Body_Height)+mean_Heart_rate
3159 Heart_rate<=-active_care_plans+floor(Chloride)
3160 Heart_rate<=2*Albumin__Mass_volume__in_Serum,Plasma+mean_Heart_rate
3161 Heart_rate<=maximum(lifetime_condition_length,mean_Heart_rate)
3162 Heart_rate<=mean_Heart_rate+medications_lifetime
3163 Heart_rate<=active_conditions+mean_Heart_rate+1
3164 Heart_rate<=(Estimated_Glomerular_Filtration_Rate-1)^mean_Estimated_Glomeru
lar_Filtration_Rate
3165 Heart_rate<=mean_Heart_rate+procedures_lifetime_cost
3166 Heart_rate<=mean_Heart_rate/QOLS
3167 Heart_rate<=maximum(Sodium,mean_Heart_rate)
3168 Heart_rate<=maximum(mean_Heart_rate,mean_Prostate_specific_Ag__Mass_volume_
_in_Serum,Plasma)
3169 Heart_rate<=2*Protein__Mass_volume__in_Serum,Plasma-device_lifetime_length
3170 Heart_rate<=2*Estimated_Glomerular_Filtration_Rate+mean_Microalbumin_Creati
nine_Ratio
3171 Heart_rate<=maximum(mean_Heart_rate,e^DALY)
3172 Heart_rate<=mean_Heart_rate+mean_Urea_Nitrogen
3173 Heart_rate<=(QALY-1)/imaging_studies_lifetime
3174 Heart_rate<=-DALY+mean_Sodium
3175 Heart_rate<=floor(Carbon_Dioxide)+mean_Diastolic_Blood_Pressure
3176 Heart_rate<=Low_Density_Lipoprotein_Cholesterol+1/2*QALY
3177 Heart_rate<=1/2*Body_Weight*Hemoglobin_A1c_Hemoglobin_total_in_Blood
3178 Heart_rate<=(e^High_Density_Lipoprotein_Cholesterol)^QOLS
3179 Heart_rate<=e^Creatinine+mean_Heart_rate
3180 Heart_rate<=(Estimated_Glomerular_Filtration_Rate+1)*DALY
3181 Heart_rate<=MCH__Entitic_mass__by_Automated_count+1/2*Sodium
3182 Heart_rate<=Carbon_Dioxide^2/Albumin__Mass_volume__in_Serum,Plasma
3183 Heart_rate<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasm
a^2-medications_lifetime
3184 Heart_rate<=log(Hemoglobin__Mass_volume__in_Blood)*mean_Heart_rate/log(10)
3185 Heart_rate<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automa
ted_count-mean_Body_Weight-1
3186 Heart_rate<=MCHC__Mass_volume__by_Automated_count^2/procedures_lifetime
3187 Heart_rate<=Glucose*active_conditions
3188 Heart_rate>=latitude

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3189 Heart_rate>=(active_conditions-1)*Erythrocytes___volume__in_Blood_by_Autom
ated_count
3190 Heart_rate>=minimum(mean_Heart_rate,QALY-1)
3191 Heart_rate>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Hea
rt_rate)
3192 Heart_rate>=minimum(mean_Heart_rate,1/2*Systolic_Blood_Pressure)
3193 Heart_rate>=1/2*Triglycerides-mean_Systolic_Blood_Pressure
3194 Heart_rate>=minimum(active_care_plan_length,1/2*Systolic_Blood_Pressure)
3195 Heart_rate>=mean_Heart_rate-procedures_lifetime_cost
3196 Heart_rate>=1/2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma/QOLS
3197 Heart_rate>=High_Density_Lipoprotein_Cholesterol-mean_Respiratory_rate
3198 Heart_rate>=Sodium-mean_Low_Density_Lipoprotein_Cholesterol+1
3199 Heart_rate>=minimum(Protein__Mass_volume__in_Serum,Plasma,mean_Heart_rate)
3200 Heart_rate>=-encounters_count+mean_Heart_rate
3201 Heart_rate>=mean_Heart_rate^num_allergies
3202 Heart_rate>=-active_care_plan_length+mean_Heart_rate
3203 Heart_rate>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported*R
espiratory_rate
3204 Heart_rate>=minimum(active_condition_length,mean_Heart_rate)
3205 Heart_rate>=healthcare_expenses^longitude
3206 Heart_rate>=floor(Platelets___volume__in_Blood_by_Automated_count)-medicat
ions_lifetime_dispenses
3207 Heart_rate>=(latitude+1)/mean_Creatinine
3208 Heart_rate>=Chloride*encounters_lifetime_perc_covered^2
3209 Heart_rate>=mean_Heart_rate-medications_lifetime_cost
3210 Heart_rate>=mean_Heart_rate^QOLS
3211 Heart_rate>=-Low_Density_Lipoprotein_Cholesterol+e^Potassium
3212 Heart_rate>=1/2*Microalbumin_Creatinine_Ratio/Creatinine
3213 Heart_rate>=log(medications_active)*mean_Heart_rate/log(10)
3214 Heart_rate>=2*MCHC__Mass_volume__by_Automated_count-active_conditions
3215
Heart_rate>=-Leukocytes___volume__in_Blood_by_Automated_count+mean_Heart_rate
3216 Heart_rate>=sqrt(encounters_lifetime_payer_coverage)-mean_Microalbumin_Crea
tinine_Ratio
3217 Heart_rate>=minimum(encounters_count,ceil(active_condition_length))
3218 Heart_rate>=1/2*encounters_count/Hemoglobin_A1c_Hemoglobin_total_in_Blood
3219 Heart_rate>=Glucose/active_conditions
3220 Heart_rate>=lifetime_care_plans^2-mean_Respiratory_rate
3221 Heart_rate>=2*Microalbumin_Creatinine_Ratio/DALY
3222 Heart_rate>=minimum(mean_Heart_rate,1/Pain_severity___0_10_verbal_numeric_r
ating__Score___Reported)
3223 Heart_rate>=Low_Density_Lipoprotein_Cholesterol^2/Platelets___volume__in_B
lood_by_Automated_count
3224 Heart_rate>=minimum(latitude,10^healthcare_expenses)
3225 Heart_rate>=2*medications_lifetime/Hemoglobin__Mass_volume__in_Blood
3226 Heart_rate>=High_Density_Lipoprotein_Cholesterol-
immunizations_lifetime_cost+1

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3227 Heart_rate>=log(Estimated_Glomerular_Filtration_Rate)^Pain_severity___0_10_ verbal_numeric_rating_Score___Reported
 3228 Heart_rate>=1/2*active_conditions/QOLS
 3229 Heart_rate>=Glomerular_filtration_rate_1_73_sq_M_predicted-immunizations_lifetime_cost+1
 3230 Heart_rate>=2*Hemoglobin_Mass_volume__in_Blood+device_lifetime_length
 3231 Heart_rate>=1/2*encounters_count-lifetime_care_plan_length
 3232 Heart_rate>=Glucose/Prostate_specific_Ag_Mass_volume__in_Serum,Plasma
 3233 Heart_rate>=(active_conditions-1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3234 Heart_rate>=active_conditions^2/Potassium
 3235 Heart_rate>=2*DALY*medications_lifetime_perc_covered
 3236 Heart_rate>=QOLS^2*mean_Heart_rate
 3237
 Heart_rate>=Hematocrit_Volume_Fraction__of_Blood_by_Automated_count/Creatinine
 3238 Systolic_Blood_Pressure<=healthcare_expenses
 3239 Systolic_Blood_Pressure<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+mean_Systolic_Blood_Pressure-1
 3240
 Systolic_Blood_Pressure<=active_care_plan_length+mean_Systolic_Blood_Pressure
 3241
 Systolic_Blood_Pressure<=mean_Systolic_Blood_Pressure+procedures_lifetime_cost
 3242 Systolic_Blood_Pressure<=log(device_lifetime_length)^Globulin_Mass_volume__in_Serum_by_calculation
 3243 Systolic_Blood_Pressure<=mean_Systolic_Blood_Pressure/QOLS
 3244
 Systolic_Blood_Pressure<=10^procedures_lifetime+mean_Systolic_Blood_Pressure
 3245 Systolic_Blood_Pressure<=maximum(Body_Height,mean_Systolic_Blood_Pressure)
 3246 Systolic_Blood_Pressure<=floor(10^mean_Globulin_Mass_volume__in_Serum_by_calculation)
 3247 Systolic_Blood_Pressure<=mean_Systolic_Blood_Pressure^lifetime_conditions
 3248 Systolic_Blood_Pressure<=ceil(Urea_Nitrogen)+mean_Systolic_Blood_Pressure
 3249 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,10^medications_lifetime)
 3250 Systolic_Blood_Pressure<=mean_Estimated_Glomerular_Filtration_Rate+mean_Triglycerides
 3251
 Systolic_Blood_Pressure<=mean_Systolic_Blood_Pressure+medications_lifetime_cost
 3252 Systolic_Blood_Pressure<=maximum(medications_lifetime_dispenses,mean_Systolic_Blood_Pressure)
 3253 Systolic_Blood_Pressure<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+ceil(Chloride)
 3254 Systolic_Blood_Pressure<=Chloride/encounters_lifetime_perc_covered
 3255 Systolic_Blood_Pressure<=2*active_conditions+mean_Systolic_Blood_Pressure
 3256 Systolic_Blood_Pressure<=-Albumin_Mass_volume__in_Serum,Plasma+2*Low_Density_Lipoprotein_Cholesterol
 3257 Systolic_Blood_Pressure<=Carbon_Dioxide*Hemoglobin_A1c_Hemoglobin_total_in_Blood^2
 3258 Systolic_Blood_Pressure<=10^Globulin_Mass_volume__in_Serum_by_calculation+

mean_Potassium
 3259 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,e^medications_lifETIME)
 3260 Systolic_Blood_Pressure<=sqrt(QALY)*mean_Carbon_Dioxide
 3261 Systolic_Blood_Pressure<=sqrt(healthcare_coverage)+Estimated_Glomerular_Filtration_Rate
 3262 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,10^DALY)
 3263 Systolic_Blood_Pressure<=10^Albumin__Mass_volume__in_Serum,Plasma/mean_Carbon_Dioxide
 3264 Systolic_Blood_Pressure<=(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+1)*Hemoglobin__Mass_volume__in_Blood
 3265
 Systolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate+2*encounters_count
 3266 Systolic_Blood_Pressure<=Diastolic_Blood_Pressure*sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3267 Systolic_Blood_Pressure<=High_Density_Lipoprotein_Cholesterol+MCV__Entitic_volume__by_Automated_count-1
 3268 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,e^lifetime_conditions)
 3269 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,1/2*medications_lifETIME_dispenses)
 3270
 Systolic_Blood_Pressure<=Albumin__Mass_volume__in_Serum,Plasma^2*Urea_Nitrogen
 3271 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,2*Heart_rate)
 3272 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,e^active_care_plan_length)
 3273 Systolic_Blood_Pressure<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood*mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
 3274 Systolic_Blood_Pressure<=DALY^2+mean_Systolic_Blood_Pressure
 3275 Systolic_Blood_Pressure<=mean_Estimated_Glomerular_Filtration_Rate+2*medications_lifETIME
 3276 Systolic_Blood_Pressure<=10^medications_active+mean_Systolic_Blood_Pressure
 3277 Systolic_Blood_Pressure<=maximum(medications_lifETIME_cost,mean_Systolic_Blood_Pressure)
 3278 Systolic_Blood_Pressure<=maximum(mean_Systolic_Blood_Pressure,Sodium-1)
 3279 Systolic_Blood_Pressure<=2*Diastolic_Blood_Pressure-active_care_plans
 3280 Systolic_Blood_Pressure<=1/2*Body_Weight*Potassium
 3281
 Systolic_Blood_Pressure<=sqrt(Total_Cholesterol)+mean_Systolic_Blood_Pressure
 3282 Systolic_Blood_Pressure<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^2/Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3283 Systolic_Blood_Pressure<=Diastolic_Blood_Pressure+e^Leukocytes___volume__in_Blood_by_Automated_count
 3284 Systolic_Blood_Pressure<=log(MCHC__Mass_volume__by_Automated_count)*mean_High_Density_Lipoprotein_Cholesterol
 3285 Systolic_Blood_Pressure>=latitude
 3286 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure-procedures_lifETIME_cost

3287 Systolic_Blood_Pressure>=active_care_plans+procedures_lifetime+1
 3288
 Systolic_Blood_Pressure>=-active_care_plan_length+mean_Systolic_Blood_Pressure
 3289 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,1/2*immunizat
 ions_lifetime_cost)
 3290 Systolic_Blood_Pressure>=(Respiratory_rate+1)*active_care_plans
 3291 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,e^medications
 _active)
 3292 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,mean_Urea_Nit
 rogen)
 3293 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure/lifetime_conditions
 3294 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure^QOLS
 3295 Systolic_Blood_Pressure>=log(High_Density_Lipoprotein_Cholesterol)*mean_Car
 bon_Dioxide
 3296 Systolic_Blood_Pressure>=Diastolic_Blood_Pressure+mean_Carbon_Dioxide-1
 3297
 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,-Triglycerides)
 3298 Systolic_Blood_Pressure>=mean_Systolic_Blood_Pressure-medications_lifetime
 3299 Systolic_Blood_Pressure>=(Platelet_mean_volume__Entitic_volume__in_Blood_by
 _Automated_count-1)*procedures_lifetime
 3300 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,1/Pain_severi
 ty__0_10_verbal_numeric_rating__Score____Reported)
 3301 Systolic_Blood_Pressure>=healthcare_expenses^longitude
 3302 Systolic_Blood_Pressure>=minimum(Estimated_Glomerular_Filtration_Rate,mean_
 Systolic_Blood_Pressure)
 3303 Systolic_Blood_Pressure>=floor(2*device_lifetime_length)
 3304 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,1/2*Estimated
 _Glomerular_Filtration_Rate)
 3305 Systolic_Blood_Pressure>=-active_conditions+ceil(Alkaline_phosphatase__Enzy
 matic_activity_volume__in_Serum,Plasma)
 3306 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,10^immunizati
 ons_lifetime)
 3307 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,sqrt(medicati
 ons_lifetime_length))
 3308 Systolic_Blood_Pressure>=floor(Alkaline_phosphatase__Enzymatic_activity_vol
 ume__in_Serum,Plasma)-immunizations_lifetime_cost
 3309 Systolic_Blood_Pressure>=2*Creatinine+mean_Diastolic_Blood_Pressure
 3310 Systolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
 3311 Systolic_Blood_Pressure>=sqrt(QALY)*active_conditions
 3312 Systolic_Blood_Pressure>=sqrt(DALY)*Urea_Nitrogen
 3313 Systolic_Blood_Pressure>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 +1/2*lifetime_care_plan_length
 3314 Systolic_Blood_Pressure>=(Respiratory_rate-1)*medications_active
 3315 Systolic_Blood_Pressure>=2*age-mean_Microalbumin_Creatinine_Ratio
 3316 Systolic_Blood_Pressure>=Body_Mass_Index^2/Urea_Nitrogen
 3317 Systolic_Blood_Pressure>=Heart_rate+2*active_care_plans
 3318
 Systolic_Blood_Pressure>=High_Density_Lipoprotein_Cholesterol+2*Urea_Nitrogen

3319 Systolic_Blood_Pressure>=Diastolic_Blood_Pressure+floor(Carbon_Dioxide)
 3320 Systolic_Blood_Pressure>=minimum(mean_Systolic_Blood_Pressure,1/2*Hemoglobi
 n_A1c_Hemoglobin_total_in_Blood)
 3321 Systolic_Blood_Pressure>=-Body_Weight+e^Erythrocytes___volume__in_Blood_by
 _Automated_count
 3322 Systolic_Blood_Pressure>=2*High_Density_Lipoprotein_Cholesterol*medications
 _lifetime_perc_covered
 3323 Systolic_Blood_Pressure>=-immunizations_lifetime_cost+mean_Glucose
 3324 Diastolic_Blood_Pressure<=healthcare_expenses
 3325 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,1/device_li
 fetime_length)
 3326 Diastolic_Blood_Pressure<=maximum(Sodium,mean_Diastolic_Blood_Pressure)
 3327 Diastolic_Blood_Pressure<=Triglycerides-active_conditions-1
 3328 Diastolic_Blood_Pressure<=10^Creatinine+mean_Diastolic_Blood_Pressure
 3329 Diastolic_Blood_Pressure<=-Creatinine+floor(Chloride)
 3330 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure^lifetime_conditions
 3331 Diastolic_Blood_Pressure<=maximum(lifetime_condition_length,mean_Diastolic_
 Blood_Pressure)
 3332 Diastolic_Blood_Pressure<=-Body_Height+2*Sodium
 3333
 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure+medications_lifetime
 3334 Diastolic_Blood_Pressure<=maximum(medications_lifetime_cost,mean_Diastolic_
 Blood_Pressure)
 3335
 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure+procedures_lifetime_cost
 3336
 Diastolic_Blood_Pressure<=active_care_plan_length+mean_Diastolic_Blood_Pressure
 3337 Diastolic_Blood_Pressure<=mean_Diastolic_Blood_Pressure/QOLS
 3338 Diastolic_Blood_Pressure<=sqrt(Microalbumin_Creatinine_Ratio)+mean_Diastoli
 c_Blood_Pressure
 3339
 Diastolic_Blood_Pressure<=Total_Cholesterol^2/mean_Microalbumin_Creatinine_Ratio
 3340 Diastolic_Blood_Pressure<=sqrt(Calcium)*QALY
 3341 Diastolic_Blood_Pressure<=-Carbon_Dioxide+Systolic_Blood_Pressure+1
 3342 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,2*encounter
 s_count)
 3343 Diastolic_Blood_Pressure<=MCH__Entitic_mass__by_Automated_count^2/procedure
 s_lifetime
 3344 Diastolic_Blood_Pressure<=Carbon_Dioxide^2/Potassium
 3345 Diastolic_Blood_Pressure<=age+mean_Estimated_Glomerular_Filtration_Rate
 3346 Diastolic_Blood_Pressure<=Systolic_Blood_Pressure-mean_Carbon_Dioxide+1
 3347 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,mean_Low_De
 nsity_Lipoprotein_Cholesterol)
 3348 Diastolic_Blood_Pressure<=Carbon_Dioxide*mean_Potassium
 3349 Diastolic_Blood_Pressure<=Glomerular_filtration_rate_1_73_sq_M_predicted*ce
 il(Urea_Nitrogen)
 3350 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,sqrt(health
 care_coverage))

3351 Diastolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate+age+1
 3352 Diastolic_Blood_Pressure<=immunizations_lifetime_cost+2*latitude
 3353 Diastolic_Blood_Pressure<=MCV__Entitic_volume__by_Automated_count+immunizat
 ions_lifetime_cost-1
 3354 Diastolic_Blood_Pressure<=1/num_allergies+mean_Diastolic_Blood_Pressure
 3355 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,e^active_co
 nditions)
 3356 Diastolic_Blood_Pressure<=2*Creatinine*mean_Diastolic_Blood_Pressure
 3357
 Diastolic_Blood_Pressure<=(QOLS+1)^mean_High_Density_Lipoprotein_Cholesterol
 3358 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,2*Alkaline_
 phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 3359 Diastolic_Blood_Pressure<=ceil(Platelet_distribution_width__Entitic_volume_
 _in_Blood_by_Automated_count)-mean_Low_Density_Lipoprotein_Cholesterol
 3360 Diastolic_Blood_Pressure<=maximum(mean_Diastolic_Blood_Pressure,10^Prostate
 _specific_Ag__Mass_volume__in_Serum,Plasma)
 3361 Diastolic_Blood_Pressure<=2*Heart_rate-device_lifetime_length
 3362 Diastolic_Blood_Pressure<=Heart_rate+ceil(Alanine_aminotransferase__Enzymat
 ic_activity_volume__in_Serum,Plasma)
 3363 Diastolic_Blood_Pressure<=Carbon_Dioxide*ceil(Potassium)
 3364 Diastolic_Blood_Pressure<=Albumin__Mass_volume__in_Serum,Plasma^mean_Albumi
 n__Mass_volume__in_Serum,Plasma
 3365 Diastolic_Blood_Pressure<=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*Low_
 Density_Lipoprotein_Cholesterol
 3366 Diastolic_Blood_Pressure<=Platelet_distribution_width__Entitic_volume__in_B
 lood_by_Automated_count^2/Platelets___volume__in_Blood_by_Automated_count
 3367 Diastolic_Blood_Pressure<=sqrt(Erythrocytes___volume__in_Blood_by_Automate
 d_count)+mean_Diastolic_Blood_Pressure
 3368 Diastolic_Blood_Pressure>=latitude
 3369 Diastolic_Blood_Pressure>=log(Microalbumin_Creatinine_Ratio)/log(10)+mean_H
 igh_Density_Lipoprotein_Cholesterol
 3370 Diastolic_Blood_Pressure>=1/2*Triglycerides*mean_Bilirubin_total__Mass_volu
 me__in_Serum,Plasma
 3371 Diastolic_Blood_Pressure>=-active_conditions+mean_Diastolic_Blood_Pressure
 3372 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure/lifetime_conditions
 3373 Diastolic_Blood_Pressure>=(Creatinine^2)^Bilirubin_total__Mass_volume__in_S
 erum,Plasma
 3374 Diastolic_Blood_Pressure>=lifetime_care_plans^2-active_conditions
 3375 Diastolic_Blood_Pressure>=(log(Body_Weight)/log(10))^Prostate_specific_Ag__
 Mass_volume__in_Serum,Plasma
 3376 Diastolic_Blood_Pressure>=minimum(Glomerular_filtration_rate_1_73_sq_M_pred
 icted,mean_Diastolic_Blood_Pressure)
 3377 Diastolic_Blood_Pressure>=log(Estimated_Glomerular_Filtration_Rate)/log(10)
 -longitude
 3378 Diastolic_Blood_Pressure>=log(medications_lifetime_dispenses)*mean_Calcium
 3379 Diastolic_Blood_Pressure>=healthcare_expenses^longitude
 3380
 Diastolic_Blood_Pressure>=-active_care_plan_length+mean_Diastolic_Blood_Pressure

3381 Diastolic_Blood_Pressure>=ceil(age)-medications_lifetime
 3382 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure-
 procedures_lifetime_cost
 3383 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure-
 medications_lifetime
 3384 Diastolic_Blood_Pressure>=-encounters_count+floor(age)
 3385 Diastolic_Blood_Pressure>=Hematocrit__Volume_Fraction__of_Blood_by_Automate
 d_count^2/QALY
 3386 Diastolic_Blood_Pressure>=2*floor(MCHC__Mass_volume__by_Automated_count)
 3387 Diastolic_Blood_Pressure>=floor(1/2*Low_Density_Lipoprotein_Cholesterol)
 3388 Diastolic_Blood_Pressure>=-DALY+mean_Diastolic_Blood_Pressure
 3389 Diastolic_Blood_Pressure>=-active_conditions+ceil(active_care_plan_length)
 3390 Diastolic_Blood_Pressure>=mean_Diastolic_Blood_Pressure^QOLS
 3391 Diastolic_Blood_Pressure>=sqrt(High_Density_Lipoprotein_Cholesterol)+active
 _condition_length
 3392 Diastolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
 3393 Diastolic_Blood_Pressure>=sqrt(QALY)*lifetime_care_plans
 3394 Diastolic_Blood_Pressure>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*active_c
 onditions
 3395 Diastolic_Blood_Pressure>=-Leukocytes___volume__in_Blood_by_Automated_coun
 t+mean_Diastolic_Blood_Pressure
 3396 Diastolic_Blood_Pressure>=2*medications_active/QOLS
 3397
 Diastolic_Blood_Pressure>=log(medications_lifetime)*mean_Carbon_Dioxide/log(10)
 3398 Diastolic_Blood_Pressure>=floor(Glucose)/active_care_plans
 3399 Diastolic_Blood_Pressure>=sqrt(encounters_count)/encounters_lifetime_perc_c
 overed
 3400 Diastolic_Blood_Pressure>=-encounters_count+floor(MCV__Entitic_volume__by_A
 utomated_count)
 3401 Diastolic_Blood_Pressure>=2*encounters_lifetime_perc_covered*latitude
 3402 Diastolic_Blood_Pressure>=Calcium^2-Body_Mass_Index
 3403 Diastolic_Blood_Pressure>=active_care_plans+ceil(active_condition_length)
 3404 Diastolic_Blood_Pressure>=ceil(Protein__Mass_volume__in_Serum,Plasma)+imagi
 ng_studies_lifetime
 3405 Diastolic_Blood_Pressure>=minimum(age,1/medications_active)
 3406 Diastolic_Blood_Pressure>=floor(active_condition_length)+medications_active
 3407 Diastolic_Blood_Pressure>=(Triglycerides+1)/Hemoglobin_A1c_Hemoglobin_total
 _in_Blood
 3408 Diastolic_Blood_Pressure>=2*Creatinine*Platelet_mean_volume__Entitic_volume
 __in_Blood_by_Automated_count
 3409 Diastolic_Blood_Pressure>=MCV__Entitic_volume__by_Automated_count*log(medic
 ations_active)/log(10)
 3410 Diastolic_Blood_Pressure>=2*procedures_lifetime/mean_Globulin__Mass_volume_
 _in_Serum_by_calculation
 3411 Diastolic_Blood_Pressure>=High_Density_Lipoprotein_Cholesterol-
 immunizations_lifetime_cost+1
 3412 Diastolic_Blood_Pressure>=sqrt(QOLS)*mean_Diastolic_Blood_Pressure
 3413 Diastolic_Blood_Pressure>=minimum(Platelet_distribution_width__Entitic_volu

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me__in_Blood_by_Automated_count,ceil(QALY))
3414 Diastolic_Blood_Pressure>=2*DALY+MCH__Entitic_mass__by_Automated_count
3415 Diastolic_Blood_Pressure>=minimum(mean_Diastolic_Blood_Pressure,1/Pain_seve
rity___0_10_verbal_numeric_rating__Score___Reported)
3416 Diastolic_Blood_Pressure>=High_Density_Lipoprotein_Cholesterol+log(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)
3417 Diastolic_Blood_Pressure>=-active_condition_length+floor(High_Density_Lipoprotein_Cholesterol)
3418 Diastolic_Blood_Pressure>=Respiratory_rate*floor(Potassium)
3419 Diastolic_Blood_Pressure>=1/2*Calcium*Hemoglobin__Mass_volume__in_Blood
3420 Diastolic_Blood_Pressure>=ceil(MCHC__Mass_volume__by_Automated_count)/QOLS
3421 Body_Mass_Index<=healthcare_expenses
3422 Body_Mass_Index<=Respiratory_rate^2/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
3423 Body_Mass_Index<=floor(age)
3424 Body_Mass_Index<=maximum(medications_lifetime,mean_Body_Mass_Index)
3425 Body_Mass_Index<=active_care_plans+mean_Body_Mass_Index
3426 Body_Mass_Index<=maximum(encounters_count,mean_Body_Mass_Index)
3427
Body_Mass_Index<=1/Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Body_Mass_Index
3428 Body_Mass_Index<=maximum(active_care_plan_length,mean_Body_Mass_Index)
3429 Body_Mass_Index<=Pain_severity___0_10_verbal_numeric_rating__Score___Reported+mean_Body_Mass_Index
3430 Body_Mass_Index<=maximum(active_condition_length,mean_Body_Mass_Index)
3431 Body_Mass_Index<=1/procedures_lifetime+mean_Body_Mass_Index
3432 Body_Mass_Index<=maximum(Triglycerides,mean_Body_Mass_Index)
3433 Body_Mass_Index<=mean_Body_Mass_Index+procedures_lifetime
3434 Body_Mass_Index<=mean_Body_Mass_Index/QOLS
3435 Body_Mass_Index<=1/Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+mean_Body_Mass_Index
3436 Body_Mass_Index<=maximum(mean_Body_Mass_Index,2*Respiratory_rate)
3437 Body_Mass_Index<=1/2*Pain_severity___0_10_verbal_numeric_rating__Score___Reported+QALY
3438 Body_Mass_Index<=maximum(mean_Body_Mass_Index,1/2*age)
3439 Body_Mass_Index<=maximum(mean_Body_Mass_Index,Leukocytes___volume__in_Blood_by_Automated_count^2)
3440 Body_Mass_Index<=1/2*Diastolic_Blood_Pressure-active_care_plans
3441 Body_Mass_Index<=1/Pain_severity___0_10_verbal_numeric_rating__Score___Reported+mean_Body_Mass_Index
3442 Body_Mass_Index<=(log(encounters_lifetime_payer_coverage)/log(10))^Hemoglobin_A1c_Hemoglobin_total_in_Blood
3443 Body_Mass_Index<=maximum(mean_Body_Mass_Index,1/2*medications_lifetime)
3444 Body_Mass_Index>=longitude
3445 Body_Mass_Index>=-active_care_plans+mean_Body_Mass_Index
3446 Body_Mass_Index>=-encounters_lifetime_perc_covered+mean_Body_Mass_Index
3447 Body_Mass_Index>=healthcare_expenses^longitude
3448 Body_Mass_Index>=minimum(procedures_lifetime,mean_Body_Mass_Index)
3449 Body_Mass_Index>=mean_Body_Mass_Index-medications_lifetime

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3450 Body_Mass_Index>=mean_Body_Mass_Index-medications_lifetime_perc_covered
 3451 Body_Mass_Index>=-QOLS+mean_Body_Mass_Index
 3452 Body_Mass_Index>=-Pain_severity___0_10_verbal_numeric_rating__Score____Repo
 rted+mean_Body_Mass_Index
 3453 Body_Mass_Index>=maximum(mean_Body_Mass_Index,mean_Prostate_specific_Ag__Ma
 ss_volume__in_Serum,Plasma)
 3454 Body_Mass_Index>=mean_Body_Mass_Index-medications_active
 3455 Body_Mass_Index>=mean_Body_Mass_Index-procedures_lifetime
 3456 Body_Mass_Index>=mean_Body_Mass_Index^QOLS
 3457 Body_Mass_Index>=minimum(DALY,mean_Body_Mass_Index)
 3458 Body_Mass_Index>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,mea
 n_Body_Mass_Index)
 3459 Body_Mass_Index>=Urea_Nitrogen+medications_active
 3460 Body_Mass_Index>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Body_Mas
 s_Index)
 3461 Body_Mass_Index>=minimum(mean_Body_Mass_Index,1/2*QALY)
 3462 Body_Mass_Index>=(10^healthcare_expenses)^longitude
 3463 Body_Mass_Index>=minimum(mean_Body_Mass_Index,active_care_plans^2)
 3464 Body_Mass_Index>=minimum(mean_Body_Mass_Index,1/2*active_care_plan_length)
 3465 Body_Mass_Index>=log(encounters_lifetime_perc_covered)/log(10)+mean_Body_Ma
 ss_Index
 3466 Body_Mass_Index>=minimum(mean_Body_Mass_Index,10^immunizations_lifetime)
 3467 Body_Mass_Index>=mean_Body_Mass_Index+medications_lifetime_perc_covered-1
 3468 Body_Mass_Index>=minimum(mean_Body_Mass_Index,medications_active^2)
 3469 Body_Mass_Index>=mean_Body_Mass_Index^num_allergies
 3470 Body_Mass_Index>=mean_Body_Mass_Index/lifetime_conditions
 3471 Body_Mass_Index>=-Potassium+floor(MCH__Entitic_mass__by_Automated_count)
 3472 Body_Weight<=healthcare_expenses
 3473 Body_Weight<=active_care_plans+mean_Body_Weight
 3474 Body_Weight<=sqrt(QOLS)+mean_Body_Weight
 3475 Body_Weight<=maximum(lifetime_condition_length,mean_Body_Weight)
 3476 Body_Weight<=maximum(medications_lifetime,mean_Body_Weight)
 3477 Body_Weight<=maximum(Triglycerides,mean_Body_Weight)
 3478 Body_Weight<=mean_Body_Weight+medications_lifetime
 3479 Body_Weight<=mean_Body_Weight+procedures_lifetime
 3480 Body_Weight<=maximum(Low_Density_Lipoprotein_Cholesterol,mean_Body_Weight)
 3481 Body_Weight<=mean_Body_Weight^lifetime_conditions
 3482 Body_Weight<=maximum(mean_Body_Weight,mean_Alkaline_phosphatase__Enzymatic_
 activity_volume__in_Serum,Plasma)
 3483 Body_Weight<=mean_Body_Weight/QOLS
 3484 Body_Weight<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+
 mean_Body_Weight
 3485 Body_Weight<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Autom
 ated_count*QOLS
 3486 Body_Weight<=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_
 by_Automated_count,mean_Body_Weight)
 3487 Body_Weight<=2*encounters_lifetime_perc_covered+mean_Body_Weight
 3488 Body_Weight<=maximum(mean_Body_Weight,mean_Prostate_specific_Ag__Mass_volum

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e__in_Serum,Plasma)
3489 Body_Weight<=1/Protein__Mass_volume__in_Serum,Plasma+mean_Body_Weight
3490 Body_Weight<=2*QOLS+mean_Body_Weight
3491 Body_Weight<=QALY+1/2*Systolic_Blood_Pressure
3492 Body_Weight<=1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_A
utomated_count+active_care_plans
3493 Body_Weight>=latitude
3494 Body_Weight>=floor(mean_Body_Weight)
3495 Body_Weight>=healthcare_expenses^longitude
3496 Body_Weight>=mean_Body_Weight^num_allergies
3497 Body_Weight>=minimum(active_care_plan_length,mean_Body_Weight)
3498 Body_Weight>=mean_Body_Weight/lifetime_conditions
3499
Body_Weight>=minimum(MCV__Entitic_volume__by_Automated_count,mean_Body_Weight)
3500 Body_Weight>=-mean_Carbon_Dioxide+procedures_lifetime
3501 Body_Weight>=mean_Body_Weight-medications_lifetime
3502 Body_Weight>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Bo
dy_Weight)
3503 Body_Weight>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported
+mean_Body_Weight
3504 Body_Weight>=-active_care_plans+mean_Body_Weight
3505 Body_Weight>=mean_Body_Weight-medications_active
3506 Body_Weight>=mean_Body_Weight-procedures_lifetime
3507 Body_Weight>=mean_Body_Weight^QOLS
3508 Body_Weight>=log(QOLS)+mean_Body_Weight
3509 Body_Weight>=minimum(mean_Body_Weight,2*DALY)
3510 Body_Weight>=maximum(mean_Body_Weight,mean_Prostate_specific_Ag__Mass_volum
e__in_Serum,Plasma)
3511 Body_Weight>=2*Heart_rate/Hemoglobin_A1c_Hemoglobin_total_in_Blood
3512 Body_Weight>=minimum(latitude,10^healthcare_expenses)
3513 Body_Weight>=minimum(mean_Body_Weight,-longitude)
3514 Body_Weight>=minimum(mean_Body_Weight,10^immunizations_lifetime)
3515 Body_Weight>=(active_conditions-1)*Potassium
3516 Body_Weight>=minimum(mean_Body_Weight,1/2*immunizations_lifetime_cost)
3517 Body_Weight>=minimum(mean_Body_Weight,1/2*Systolic_Blood_Pressure)
3518 Body_Weight>=minimum(mean_Body_Weight,1/medications_lifetime_perc_covered)
3519 Body_Weight>=minimum(mean_Body_Weight,e^medications_active)
3520 Body_Weight>=floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)*mean_Body
_Weight
3521 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=healthcare_e
xpenses
3522
Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Potassium)
3523 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_condi
tion_length
3524 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=1/2*encounte
rs_count
3525 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(acti

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ve_care_plan_length,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Re
 ported)
 3526 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_condi
 tions^2
 3527 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*mean_Pain_
 severity___0_10_verbal_numeric_rating__Score____Reported
 3528 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported+procedures_lifetime
 3529 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Leukoc
 ytes___volume__in_Blood_by_Automated_count)
 3530 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_
 plans+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 3531 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(10^Cre
 atinine)
 3532 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(sqrt(en
 counters_count))
 3533 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(DALY
 ,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 3534 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(Erythr
 ocytes___volume__in_Blood_by_Automated_count)
 3535 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(heal
 thcare_expenses,ceil(DXA__T_score__Bone_density))
 3536 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(QALY
 ,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 3537 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(active_cond
 ition_length^2)^QOLS
 3538 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-Creatinine+
 floor(Body_Mass_Index)
 3539 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(mean
 _Pain_severity___0_10_verbal_numeric_rating__Score____Reported,1/2*active_condit
 ions)
 3540 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_care_
 plans+active_conditions
 3541 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(mean
 _Pain_severity___0_10_verbal_numeric_rating__Score____Reported,e^Creatinine)
 3542 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_condi
 tions/num_allergies
 3543 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(Sodi
 um,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 3544 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(medi
 cations_lifetime,mean_Pain_severity___0_10_verbal_numeric_rating__Score____Repor
 ted)
 3545 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported^Glomerular_filtration_rat
 e_1_73_sq_M_predicted
 3546 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(mean
 _Pain_severity___0_10_verbal_numeric_rating__Score____Reported,floor(DALY))
 3547 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(immunizatio

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ns_lifetime_cost-1)^Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma
3548 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(mean_Pa
in_severity___0_10_verbal_numeric_rating__Score____Reported+1)
3549 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=immunization
s_lifetime_cost+medications_lifetime_dispenses
3550 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=High_Density
_Lipoprotein_Cholesterol-MCH__Entitic_mass__by_Automated_count
3551 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_condi
tions+medications_active
3552 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum(acti
ve_conditions,medications_active)
3553 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medications_
lifetime_cost+procedures_lifetime
3554 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-active_care
_plans+ceil(Urea_Nitrogen)
3555 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=1/2*e^mean_P
ain_severity___0_10_verbal_numeric_rating__Score____Reported
3556 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^floor(mea
n_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
3557
Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Carbon_Dioxide-
active_conditions-1
3558 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(immunizatio
ns_lifetime_cost-1)^mean_Estimated_Glomerular_Filtration_Rate
3559 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-Body_Mass_I
ndex+1/2*Low_Density_Lipoprotein_Cholesterol
3560 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-Alkaline_ph
osphatase__Enzymatic_activity_volume__in_Serum,Plasma+ceil(Sodium)
3561 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(Plat
elet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,10^medicati
ons_active)
3562 Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=minimum(Plat
elet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,floor(Potas
sium))
3563 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude
3564
Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=num_allergies
3565
Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=2*num_allergies
3566 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(imaging
_studies_lifetime)
3567 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=imaging_stud
ies_lifetime-1
3568 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=healthcare_e
xpenses^longitude
3569 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(Creati
nine)*num_allergies

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3570 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_care_plans-medications_lifetime_cost
 3571 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_care_plans-medications_lifetime_dispenses
 3572 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Hemoglobin_A1c_Hemoglobin_total_in_Blood-Microalbumin_Creatinine_Ratio
 3573 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-encounters_count+procedures_lifetime
 3574 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=lifetime_care_plans^2-mean_Glucose
 3575 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported-procedures_lifetime
 3576 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-QOLS+medications_lifetime_perc_covered
 3577 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Creatinine)
 3578 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Heart_rate+floor(active_condition_length)
 3579 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(device_lifetime_length)-mean_Globulin_Mass_volume__in_Serum_by_calculation
 3580 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3581 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-active_care_plans+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 3582 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-DALY+mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 3583 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported-2
 3584 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 3585 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(-immunizations_lifetime)^Urea_Nitrogen
 3586 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=ceil(medications_lifetime_perc_covered)-immunizations_lifetime
 3587 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-medications_active+2*medications_lifetime_perc_covered
 3588 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported^Bilirubin_total__Mass_volume__in_Urine_by_Test_strip
 3589 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(log(procedures_lifetime)/log(10))
 3590 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 3591 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=medications_active^Hemoglobin_gastrointestinal__Presence__in_Stool_by_Immunologic_method
 3592 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=medications_

active^History_of_Hospitalizations_Outpatient_visits
 3593 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(10^healthcare_expenses)^longitude
 3594 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+floor(Albumin_Mass_volume__in_Serum,Plasma)
 3595 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(2*QOLS)^pH_of_Urine_by_Test_strip
 3596 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(num_allergies-1)^Body_Weight
 3597 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+2*active_care_plans
 3598 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(QOLS)*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 3599 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*DALY-encounters_count
 3600 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=2*imaging_studies_lifetime/active_care_plans
 3601 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported*num_allergies
 3602 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count,immunizations_lifetime-1)
 3603 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Chloride+procedures_lifetime+1
 3604 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)-immunizations_lifetime_cost
 3605 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-active_conditions
 3606 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Leukocytes__volume__in_Blood_by_Automated_count^2-Chloride
 3607 Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Erythrocytes__volume__in_Blood_by_Automated_count-medications_lifetime
 3608 Body_Height<=healthcare_expenses
 3609 Body_Height<=ceil(mean_Body_Height)
 3610 Body_Height<=maximum(lifetime_condition_length,mean_Body_Height)
 3611 Body_Height<=1/healthcare_expenses+mean_Body_Height
 3612 Body_Height<=Platelets__volume__in_Blood_by_Automated_count+QOLS
 3613 Body_Height<=mean_Body_Height/num_allergies
 3614 Body_Height<=active_care_plans+mean_Body_Height
 3615 Body_Height<=mean_Body_Height+medications_lifetime_perc_covered
 3616 Body_Height<=mean_Body_Height+procedures_lifetime
 3617 Body_Height<=mean_Body_Height/QOLS
 3618 Body_Height<=maximum(mean_Body_Height,10^Globulin_Mass_volume__in_Serum_by_calculation)
 3619 Body_Height<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+mean_Body_Height
 3620 Body_Height<=maximum(Total_Cholesterol,mean_Body_Height)
 3621 Body_Height<=maximum(mean_Body_Height,sqrt(healthcare_coverage))

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3622
Body_Height<=maximum(mean_Body_Height,2*Low_Density_Lipoprotein_Cholesterol)
3623 Body_Height<=maximum(mean_Body_Height,10^procedures_lifetime)
3624 Body_Height<=maximum(mean_Body_Height,e^procedures_lifetime)
3625 Body_Height>=latitude
3626 Body_Height>=floor(mean_Body_Height)
3627 Body_Height>=healthcare_expenses^longitude
3628 Body_Height>=mean_Body_Height-medications_active
3629 Body_Height>=minimum(immunizations_lifetime_cost,mean_Body_Height)
3630 Body_Height>=mean_Body_Height^num_allergies
3631 Body_Height>=-active_care_plans+mean_Body_Height
3632 Body_Height>=minimum(lifetime_care_plan_length,mean_Body_Height)
3633 Body_Height>=1/longitude+mean_Body_Height
3634 Body_Height>=-immunizations_lifetime+mean_Body_Height
3635 Body_Height>=mean_Body_Height-medications_lifetime
3636 Body_Height>=mean_Body_Height-medications_lifetime_perc_covered
3637 Body_Height>=mean_Body_Height-procedures_lifetime
3638 Body_Height>=mean_Body_Height^QOLS
3639 Body_Height>=minimum(Triglycerides,mean_Body_Height)
3640 Body_Height>=minimum(Systolic_Blood_Pressure,mean_Body_Height)
3641 Body_Height>=minimum(Microalbumin_Creatinine_Ratio,mean_Body_Height)
3642 Body_Height>=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_
by_Automated_count,mean_Body_Height)
3643 Body_Height>=minimum(mean_Body_Height,mean_Calcium)
3644
Body_Height>=minimum(mean_Body_Height,mean_Estimated_Glomerular_Filtration_Rate)
3645 Body_Height>=minimum(latitude,10^healthcare_expenses)
3646 Body_Height>=minimum(mean_Body_Height,2*age)
3647 Body_Height>=minimum(mean_Body_Height,lifetime_conditions^2)
3648 Triglycerides<=healthcare_expenses
3649 Triglycerides<=1/2*Microalbumin_Creatinine_Ratio+mean_Triglycerides
3650 Triglycerides<=maximum(mean_Triglycerides,e^active_conditions)
3651 Triglycerides<=Microalbumin_Creatinine_Ratio^2*mean_Potassium
3652 Triglycerides<=mean_Triglycerides^active_conditions
3653 Triglycerides<=maximum(mean_Triglycerides,medications_lifetime^2)
3654 Triglycerides<=e^mean_Calcium/DALY
3655 Triglycerides<=healthcare_coverage+mean_Triglycerides
3656 Triglycerides<=mean_Triglycerides+medications_lifetime
3657 Triglycerides<=maximum(Body_Height,2*mean_Microalbumin_Creatinine_Ratio)
3658 Triglycerides<=maximum(medications_lifetime_cost,mean_Triglycerides)
3659 Triglycerides<=maximum(mean_Triglycerides,1/imaging_studies_lifetime)
3660 Triglycerides<=mean_Triglycerides/QOLS
3661 Triglycerides<=maximum(medications_lifetime_dispenses,mean_Triglycerides)
3662 Triglycerides<=active_care_plan_length+mean_Triglycerides
3663 Triglycerides<=10^medications_active*mean_Triglycerides
3664 Triglycerides<=Glucose+1/2*Platelet_distribution_width__Entitic_volume__in_
Blood_by_Automated_count
3665 Triglycerides<=ceil(Creatinine)*mean_Triglycerides

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3666 Triglycerides<=sqrt(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)*QALY
 3667 Triglycerides<=age*log(Aspartate_aminotransferase__Enzymatic_activity_volum e__in_Serum,Plasma)
 3668 Triglycerides<=10^procedures_lifetime+mean_Triglycerides
 3669 Triglycerides<=mean_Triglycerides+procedures_lifetime_cost
 3670 Triglycerides<=(1/medications_lifetime_perc_covered)^QALY
 3671 Triglycerides<=e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+mean_Tr iglycerides
 3672 Triglycerides<=Creatinine*e^Estimated_Glomerular_Filtration_Rate
 3673 Triglycerides<=(10^mean_Estimated_Glomerular_Filtration_Rate)^QOLS
 3674 Triglycerides<=Urea_Nitrogen*mean_Aspartate_aminotransferase__Enzymatic_act ivity_volume__in_Serum,Plasma
 3675 Triglycerides<=2*Respiratory_rate+mean_Triglycerides
 3676 Triglycerides<=1/2*Estimated_Glomerular_Filtration_Rate*mean_Glucose
 3677 Triglycerides<=10^mean_Pain_severity___0_10_verbal_numeric_rating__Score___ _Reported*mean_Estimated_Glomerular_Filtration_Rate
 3678 Triglycerides<=10^mean_Pain_severity___0_10_verbal_numeric_rating__Score___ _Reported*mean_Triglycerides
 3679 Triglycerides<=maximum(mean_Triglycerides,encounters_count^2)
 3680 Triglycerides<=Respiratory_rate*e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3681 Triglycerides<=2*Diastolic_Blood_Pressure/mean_Bilirubin_total__Mass_volume __in_Serum,Plasma
 3682 Triglycerides<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count^2/p rocedures_lifetime
 3683 Triglycerides<=(log(Low_Density_Lipoprotein_Cholesterol)/log(10))^Calcium
 3684 Triglycerides>=latitude
 3685 Triglycerides>=sqrt(healthcare_coverage)^medications_lifetime_perc_covered
 3686 Triglycerides>=1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+proce dures_lifetime
 3687 Triglycerides>=mean_Triglycerides^num_allergies
 3688 Triglycerides>=-encounters_count+mean_Triglycerides
 3689 Triglycerides>=mean_Triglycerides^QOLS
 3690 Triglycerides>=active_conditions+age
 3691 Triglycerides>=DALY+mean_Alkaline_phosphatase__Enzymatic_activity_volume__i n_Serum,Plasma+1
 3692 Triglycerides>=QALY*log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3693 Triglycerides>=mean_Triglycerides/active_conditions
 3694 Triglycerides>=-healthcare_expenses
 3695 Triglycerides>=minimum(mean_Triglycerides,10^device_lifetime_length)
 3696 Triglycerides>=minimum(mean_Triglycerides,sqrt(medications_lifetime_length))
 3697 Triglycerides>=Globulin__Mass_volume__in_Serum_by_calculation*floor(device_ lifetime_length)
 3698 Triglycerides>=1/2*medications_lifetime/active_care_plans
 3699 Triglycerides>=Glucose^2/Systolic_Blood_Pressure
 3700 Triglycerides>=healthcare_expenses^longitude
 3701 Triglycerides>=minimum(mean_Triglycerides,mean_Urea_Nitrogen)

3702 Triglycerides>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/QOLS
 3703 Triglycerides>=Systolic_Blood_Pressure-encounters_count-1
 3704 Triglycerides>=2*lifetime_care_plan_length/Potassium
 3705 Triglycerides>=1/2*active_care_plan_length/QOLS
 3706 Triglycerides>=-healthcare_coverage+mean_Triglycerides
 3707 Triglycerides>=2*QALY-immunizations_lifetime_cost
 3708
 Triglycerides>=minimum(encounters_count,1/medications_lifetime_perc_covered)
 3709 Triglycerides>=minimum(mean_Triglycerides,e^medications_active)
 3710 Triglycerides>=Estimated_Glomerular_Filtration_Rate-mean_Urea_Nitrogen-1
 3711 Triglycerides>=-lifetime_care_plan_length+mean_Triglycerides
 3712 Triglycerides>=2*age-
 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 3713 Triglycerides>=mean_Triglycerides-medications_lifetime_cost
 3714 Triglycerides>=active_conditions*floor(Leukocytes____volume__in_Blood_by_Automated_count)
 3715
 Triglycerides>=minimum(mean_Microalbumin_Creatinine_Ratio,1/medications_active)
 3716 Triglycerides>=minimum(latitude,10^healthcare_expenses)
 3717 Triglycerides>=1/2*lifetime_care_plan_length-mean_Respiratory_rate
 3718 Triglycerides>=sqrt(encounters_lifetime_total_cost)-mean_Microalbumin_Creatinine_Ratio
 3719 Triglycerides>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+Sodium+1
 3720 Triglycerides>=2*Systolic_Blood_Pressure-Total_Cholesterol
 3721 Triglycerides>=-Low_Density_Lipoprotein_Cholesterol+mean_Total_Cholesterol
 3722 Triglycerides>=(2*medications_lifetime_perc_covered)^mean_Calcium
 3723 Triglycerides>=minimum(mean_Triglycerides,1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3724 Triglycerides>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Glucose
 3725 Triglycerides>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2*mean_Creatinine
 3726 Low_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 3727 Low_Density_Lipoprotein_Cholesterol<=floor(mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2)
 3728 Low_Density_Lipoprotein_Cholesterol<=Glucose+QALY+1
 3729 Low_Density_Lipoprotein_Cholesterol<=maximum(mean_Low_Density_Lipoprotein_Cholesterol,1/device_lifetime_length)
 3730 Low_Density_Lipoprotein_Cholesterol<=minimum(healthcare_expenses,2*Body_temperature)
 3731 Low_Density_Lipoprotein_Cholesterol<=2*Diastolic_Blood_Pressure+QOLS
 3732 Low_Density_Lipoprotein_Cholesterol<=healthcare_coverage+mean_Low_Density_Lipoprotein_Cholesterol
 3733 Low_Density_Lipoprotein_Cholesterol<=mean_Low_Density_Lipoprotein_Cholesterol^active_conditions
 3734 Low_Density_Lipoprotein_Cholesterol<=maximum(lifetime_condition_length,mean_Low_Density_Lipoprotein_Cholesterol)
 3735 Low_Density_Lipoprotein_Cholesterol<=1/2*Glomerular_filtration_rate_1_73_sq

$_M_predicted * encounters_count$
3736 $Low_Density_Lipoprotein_Cholesterol \leq \sqrt{Hematocrit_Volume_Fraction_of_Blood_by_Automated_count} + Sodium$
3737 $Low_Density_Lipoprotein_Cholesterol \leq \lceil Creatinine \rceil * mean_Low_Density_Lipoprotein_Cholesterol$
3738 $Low_Density_Lipoprotein_Cholesterol \leq \max(medications_lifetime_cost, mean_Low_Density_Lipoprotein_Cholesterol)$
3739 $Low_Density_Lipoprotein_Cholesterol \leq 10^{QOLS * Systolic_Blood_Pressure}$
3740 $Low_Density_Lipoprotein_Cholesterol \leq mean_Low_Density_Lipoprotein_Cholesterol + procedures_lifetime_cost$
3741 $Low_Density_Lipoprotein_Cholesterol \leq Carbon_Dioxide + mean_Low_Density_Lipoprotein_Cholesterol - 1$
3742 $Low_Density_Lipoprotein_Cholesterol \leq MCH_Entitic_mass_by_Automated_count + Systolic_Blood_Pressure$
3743 $Low_Density_Lipoprotein_Cholesterol \leq active_care_plan_length + mean_Low_Density_Lipoprotein_Cholesterol$
3744 $Low_Density_Lipoprotein_Cholesterol \leq \log(Hematocrit_Volume_Fraction_of_Blood_by_Automated_count) + mean_Low_Density_Lipoprotein_Cholesterol$
3745 $Low_Density_Lipoprotein_Cholesterol \leq \frac{1}{2} * Sodium + mean_Body_Weight$
3746 $Low_Density_Lipoprotein_Cholesterol \leq e^{active_care_plans} + mean_Low_Density_Lipoprotein_Cholesterol$
3747 $Low_Density_Lipoprotein_Cholesterol \leq \max(mean_Low_Density_Lipoprotein_Cholesterol, medications_lifetime^2)$
3748 $Low_Density_Lipoprotein_Cholesterol \leq lifetime_condition_length^2 / Microalbumin_Creatinine_Ratio$
3749 $Low_Density_Lipoprotein_Cholesterol \leq \max(mean_Low_Density_Lipoprotein_Cholesterol, mean_Triglycerides)$
3750 $Low_Density_Lipoprotein_Cholesterol \leq Prostate_specific_Ag_Mass_volume_in_Serum, Plasma^2 + mean_Low_Density_Lipoprotein_Cholesterol$
3751 $Low_Density_Lipoprotein_Cholesterol \leq 10^{Hemoglobin_A1c_Hemoglobin_total_in_Blood / Globulin_Mass_volume_in_Serum_by_calculation}$
3752 $Low_Density_Lipoprotein_Cholesterol \leq Chloride + mean_Glomerular_filtration_rate_1_73_sq_M_predicted - 1$
3753 $Low_Density_Lipoprotein_Cholesterol \leq Prostate_specific_Ag_Mass_volume_in_Serum, Plasma^2 * QALY$
3754 $Low_Density_Lipoprotein_Cholesterol \leq \frac{1}{2} * Diastolic_Blood_Pressure * Potassium$
3755 $Low_Density_Lipoprotein_Cholesterol \leq Albumin_Mass_volume_in_Serum, Plasma + mean_Low_Density_Lipoprotein_Cholesterol + 1$
3756 $Low_Density_Lipoprotein_Cholesterol \leq \log(Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum, Plasma)^{Albumin_Mass_volume_in_Serum, Plasma}$
3757 $Low_Density_Lipoprotein_Cholesterol \leq \max(mean_Low_Density_Lipoprotein_Cholesterol, e^{active_conditions})$
3758 $Low_Density_Lipoprotein_Cholesterol \leq \log(MCH_Entitic_mass_by_Automated_count)^{Potassium}$
3759
 $Low_Density_Lipoprotein_Cholesterol \leq \sqrt{Body_Mass_Index} * mean_Body_Mass_Index$
3760 $Low_Density_Lipoprotein_Cholesterol \geq latitude$
3761

Low_Density_Lipoprotein_Cholesterol>=active_conditions^2-mean_Total_Cholesterol
 3762 Low_Density_Lipoprotein_Cholesterol>=Total_Cholesterol-
 mean_Systolic_Blood_Pressure+1
 3763 Low_Density_Lipoprotein_Cholesterol>=Urea_Nitrogen*log(Glomerular_filtratio
 n_rate_1_73_sq_M_predicted)
 3764 Low_Density_Lipoprotein_Cholesterol>=1/2*Creatinine*MCHC__Mass_volume__by_A
 utomated_count
 3765 Low_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
 3766 Low_Density_Lipoprotein_Cholesterol>=QALY*log(Aspartate_aminotransferase__E
 nzymatic_activity_volume__in_Serum,Plasma)/log(10)
 3767 Low_Density_Lipoprotein_Cholesterol>=2*Diastolic_Blood_Pressure/Hemoglobin_
 A1c_Hemoglobin_total_in_Blood
 3768 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholester
 ol^num_allergies
 3769 Low_Density_Lipoprotein_Cholesterol>=-healthcare_coverage+mean_Low_Density_
 Lipoprotein_Cholesterol
 3770 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,e^medications_active)
 3771 Low_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
 3772 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_C
 holesterol,mean_Potassium)
 3773 Low_Density_Lipoprotein_Cholesterol>=Bilirubin_total__Mass_volume__in_Serum
 ,Plasma^2*mean_Glucose
 3774 Low_Density_Lipoprotein_Cholesterol>=Total_Cholesterol-Triglycerides+1
 3775
 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol-
 medications_lifetime
 3776 Low_Density_Lipoprotein_Cholesterol>=minimum(active_care_plan_length,mean_L
 ow_Density_Lipoprotein_Cholesterol)
 3777 Low_Density_Lipoprotein_Cholesterol>=-Glomerular_filtration_rate_1_73_sq_M_
 predicted+1/2*lifetime_care_plan_length
 3778 Low_Density_Lipoprotein_Cholesterol>=e^Potassium+longitude
 3779 Low_Density_Lipoprotein_Cholesterol>=Aspartate_aminotransferase__Enzymatic_
 activity_volume__in_Serum,Plasma*log(DALY)
 3780 Low_Density_Lipoprotein_Cholesterol>=minimum(Glucose,1/medications_active)
 3781
 Low_Density_Lipoprotein_Cholesterol>=minimum(latitude,10^healthcare_expenses)
 3782 Low_Density_Lipoprotein_Cholesterol>=minimum(procedures_lifetime,Glucose+1)
 3783 Low_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
 mean_Estimated_Glomerular_Filtration_Rate+1
 3784 Low_Density_Lipoprotein_Cholesterol>=-Hemoglobin__Mass_volume__in_Blood+mea
 n_Low_Density_Lipoprotein_Cholesterol
 3785 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholester
 ol/active_conditions
 3786 Low_Density_Lipoprotein_Cholesterol>=-mean_Body_Mass_Index+mean_Low_Density_
 Lipoprotein_Cholesterol
 3787 Low_Density_Lipoprotein_Cholesterol>=ceil(lifetime_care_plan_length)^medica
 tions_lifetime_perc_covered

3788 Low_Density_Lipoprotein_Cholesterol>=Glucose-procedures_lifetime_cost
 3789 Low_Density_Lipoprotein_Cholesterol>=1/2*Body_Mass_Index*Potassium
 3790 Low_Density_Lipoprotein_Cholesterol>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+procedures_lifetime-1
 3791 Low_Density_Lipoprotein_Cholesterol>=sqrt(Body_Height)/QOLS
 3792 Low_Density_Lipoprotein_Cholesterol>=minimum(QALY,mean_Low_Density_Lipoprotein_Cholesterol)
 3793 Low_Density_Lipoprotein_Cholesterol>=mean_Low_Density_Lipoprotein_Cholesterol^QOLS
 3794 Low_Density_Lipoprotein_Cholesterol>=-Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+floor(Chloride)
 3795 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,2*device_lifetime_length)
 3796 Low_Density_Lipoprotein_Cholesterol>=floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)*procedures_lifetime
 3797 Low_Density_Lipoprotein_Cholesterol>=-Microalbumin_Creatinine_Ratio+mean_Microalbumin_Creatinine_Ratio
 3798 Low_Density_Lipoprotein_Cholesterol>=minimum(Glucose,1/Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 3799 Low_Density_Lipoprotein_Cholesterol>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3800 Low_Density_Lipoprotein_Cholesterol>=DALY*log(Urea_Nitrogen)
 3801 Low_Density_Lipoprotein_Cholesterol>=(medications_lifetime+1)^num_allergies
 3802 Low_Density_Lipoprotein_Cholesterol>=(Globulin__Mass_volume__in_Serum_by_calculation-1)*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 3803 High_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 3804 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein_Cholesterol,e^active_conditions)
 3805
 High_Density_Lipoprotein_Cholesterol<=ceil(mean_Chloride)-mean_Carbon_Dioxide
 3806 High_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+mean_Estimated_Glomerular_Filtration_Rate-1
 3807 High_Density_Lipoprotein_Cholesterol<=active_care_plan_length+mean_High_Density_Lipoprotein_Cholesterol
 3808 High_Density_Lipoprotein_Cholesterol<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Heart_rate
 3809 High_Density_Lipoprotein_Cholesterol<=mean_High_Density_Lipoprotein_Cholesterol+procedures_lifetime_cost
 3810 High_Density_Lipoprotein_Cholesterol<=1/2*MCHC__Mass_volume__by_Automated_count*Potassium
 3811 High_Density_Lipoprotein_Cholesterol<=-age+mean_Body_Height-1
 3812 High_Density_Lipoprotein_Cholesterol<=QALY*log(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)/log(10)
 3813 High_Density_Lipoprotein_Cholesterol<=healthcare_coverage+mean_High_Density_Lipoprotein_Cholesterol
 3814 High_Density_Lipoprotein_Cholesterol<=maximum(Sodium,mean_High_Density_Lipoprotein_Cholesterol)

3815 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein_Cholesterol,mean_Low_Density_Lipoprotein_Cholesterol)
 3816 High_Density_Lipoprotein_Cholesterol<=maximum(lifetime_condition_length,mean_High_Density_Lipoprotein_Cholesterol)
 3817 High_Density_Lipoprotein_Cholesterol<=Urea_Nitrogen+mean_High_Density_Lipoprotein_Cholesterol
 3818 High_Density_Lipoprotein_Cholesterol<=mean_High_Density_Lipoprotein_Cholesterol^active_conditions
 3819 High_Density_Lipoprotein_Cholesterol<=Leukocytes___volume__in_Blood_by_Automated_count+mean_High_Density_Lipoprotein_Cholesterol-1
 3820 High_Density_Lipoprotein_Cholesterol<=maximum(mean_High_Density_Lipoprotein_Cholesterol,medications_lifetime^2)
 3821 High_Density_Lipoprotein_Cholesterol<=mean_High_Density_Lipoprotein_Cholesterol/medications_lifetime_perc_covered
 3822 High_Density_Lipoprotein_Cholesterol<=10^immunizations_lifetime+Protein__Mass_volume__in_Serum,Plasma
 3823 High_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime_length,mean_High_Density_Lipoprotein_Cholesterol)
 3824 High_Density_Lipoprotein_Cholesterol<=2*Platelets___volume__in_Blood_by_Automated_count/procedures_lifetime
 3825 High_Density_Lipoprotein_Cholesterol<=log(device_lifetime_length)^mean_Globulin__Mass_volume__in_Serum_by_calculation
 3826 High_Density_Lipoprotein_Cholesterol<=Glucose+mean_Calcium
 3827 High_Density_Lipoprotein_Cholesterol<=Estimated_Glomerular_Filtration_Rate+mean_Microalbumin_Creatinine_Ratio
 3828 High_Density_Lipoprotein_Cholesterol<=1/2*Diastolic_Blood_Pressure+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 3829 High_Density_Lipoprotein_Cholesterol<=log(MCV__Entitic_volume__by_Automated_count)/log(10)+Heart_rate
 3830 High_Density_Lipoprotein_Cholesterol<=Creatinine*e^Erythrocytes___volume__in_Blood_by_Automated_count
 3831 High_Density_Lipoprotein_Cholesterol<=ceil(DALY)*mean_High_Density_Lipoprotein_Cholesterol
 3832 High_Density_Lipoprotein_Cholesterol<=log(Estimated_Glomerular_Filtration_Rate)/log(10)+mean_Body_Weight
 3833 High_Density_Lipoprotein_Cholesterol<=(active_conditions+1)*Microalbumin_Creatinine_Ratio
 3834 High_Density_Lipoprotein_Cholesterol<=(1/medications_lifetime_perc_covered)^mean_Carbon_Dioxide
 3835 High_Density_Lipoprotein_Cholesterol<=2*QOLS*Total_Cholesterol
 3836 High_Density_Lipoprotein_Cholesterol<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2/active_care_plans
 3837 High_Density_Lipoprotein_Cholesterol<=1/2*Carbon_Dioxide+Heart_rate
 3838 High_Density_Lipoprotein_Cholesterol<=mean_Body_Mass_Index^2/Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 3839 High_Density_Lipoprotein_Cholesterol<=ceil(mean_Creatinine)*mean_High_Density_Lipoprotein_Cholesterol
 3840 High_Density_Lipoprotein_Cholesterol>=longitude

3841 High_Density_Lipoprotein_Cholesterol>=minimum(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma,mean_High_Density_Lipoprotein_Cholesterol)
 3842 High_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-Systolic_Blood_Pressure+1
 3843
 High_Density_Lipoprotein_Cholesterol>=MCH__Entitic_mass__by_Automated_count+1
 3844 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholesterol^num_allergies
 3845 High_Density_Lipoprotein_Cholesterol>=DALY+log(immunizations_lifetime_cost)
 3846 High_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
 3847
 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholesterol-medications_lifetime
 3848 High_Density_Lipoprotein_Cholesterol>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(active_conditions)/log(10)
 3849 High_Density_Lipoprotein_Cholesterol>=-active_care_plan_length+mean_High_Density_Lipoprotein_Cholesterol
 3850 High_Density_Lipoprotein_Cholesterol>=-active_conditions+mean_High_Density_Lipoprotein_Cholesterol
 3851 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholesterol/active_conditions
 3852 High_Density_Lipoprotein_Cholesterol>=2*procedures_lifetime/Creatinine
 3853 High_Density_Lipoprotein_Cholesterol>=-healthcare_coverage+mean_High_Density_Lipoprotein_Cholesterol
 3854 High_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
 3855 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein_Cholesterol,mean_Potassium)
 3856 High_Density_Lipoprotein_Cholesterol>=sqrt(Urea_Nitrogen)/QOLS
 3857 High_Density_Lipoprotein_Cholesterol>=mean_High_Density_Lipoprotein_Cholesterol^QOLS
 3858 High_Density_Lipoprotein_Cholesterol>=sqrt(QOLS)*mean_High_Density_Lipoprotein_Cholesterol
 3859 High_Density_Lipoprotein_Cholesterol>=1/Bilirubin_total__Mass_volume__in_Serum,Plasma+Carbon_Dioxide
 3860 High_Density_Lipoprotein_Cholesterol>=-Calcium+mean_High_Density_Lipoprotein_Cholesterol
 3861 High_Density_Lipoprotein_Cholesterol>=(2*Bilirubin_total__Mass_volume__in_Serum,Plasma)^mean_Potassium
 3862 High_Density_Lipoprotein_Cholesterol>=-Erythrocytes___volume__in_Blood_by_Automated_count+mean_High_Density_Lipoprotein_Cholesterol
 3863 High_Density_Lipoprotein_Cholesterol>=2*Erythrocytes___volume__in_Blood_by_Automated_count/encounters_lifetime_perc_covered
 3864 High_Density_Lipoprotein_Cholesterol>=sqrt(medications_lifetime)+mean_Respiratory_rate
 3865 High_Density_Lipoprotein_Cholesterol>=(10^healthcare_expenses)^longitude
 3866 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein_Cholesterol,-Estimated_Glomerular_Filtration_Rate)

3867 High_Density_Lipoprotein_Cholesterol>=sqrt(DALY)*Leukocytes____volume__in_Blood_by_Automated_count
 3868 High_Density_Lipoprotein_Cholesterol>=-Diastolic_Blood_Pressure+Estimated_Glomerular_Filtration_Rate-1
 3869 High_Density_Lipoprotein_Cholesterol>=-Triglycerides+2*age
 3870 High_Density_Lipoprotein_Cholesterol>=(1/2*Platelets____volume__in_Blood_by_Automated_count)^medications_lifetime_perc_covered
 3871 High_Density_Lipoprotein_Cholesterol>=Creatinine*sqrt(lifetime_care_plans)
 3872 High_Density_Lipoprotein_Cholesterol>=1/2*encounters_count/mean_Creatinine
 3873 High_Density_Lipoprotein_Cholesterol>=(device_lifetime_length+1)*mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
 3874 High_Density_Lipoprotein_Cholesterol>=Carbon_Dioxide+Potassium
 3875 High_Density_Lipoprotein_Cholesterol>=minimum(mean_High_Density_Lipoprotein_Cholesterol,1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 3876 High_Density_Lipoprotein_Cholesterol>=1/QOLS+DALY
 3877 Creatinine<=healthcare_expenses
 3878
 Creatinine<=Globulin__Mass_volume__in_Serum_by_calculation+procedures_lifetime
 3879 Creatinine<=maximum(mean_Creatinine,10^DALY)
 3880 Creatinine<=Urea_Nitrogen^2-Estimated_Glomerular_Filtration_Rate
 3881 Creatinine<=mean_Creatinine+medications_lifetime
 3882 Creatinine<=maximum(Microalbumin_Creatinine_Ratio,log(Hemoglobin_A1c_Hemoglobin_total_in_Blood))
 3883 Creatinine<=Erythrocytes____volume__in_Blood_by_Automated_count
 3884 Creatinine<=Pain_severity___0_10_verbal_numeric_rating__Score____Reported+e^procedures_lifetime
 3885
 Creatinine<=maximum(procedures_lifetime,Albumin__Mass_volume__in_Serum,Plasma)
 3886 Creatinine<=floor(mean_Carbon_Dioxide)
 3887 Creatinine<=active_care_plans^2+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 3888 Creatinine<=1/2*e^mean_Creatinine
 3889 Creatinine<=1/2*Urea_Nitrogen+immunizations_lifetime_cost
 3890 Creatinine<=(log(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)/log(10))^Albumin__Mass_volume__in_Serum,Plasma
 3891 Creatinine<=2*mean_Creatinine^2
 3892 Creatinine<=(active_care_plan_length-1)*QOLS
 3893 Creatinine<=maximum(Triglycerides,mean_Creatinine)
 3894 Creatinine<=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count^2/lifetime_condition_length
 3895 Creatinine<=medications_lifetime/medications_active
 3896 Creatinine<=sqrt(Estimated_Glomerular_Filtration_Rate)/num_allergies
 3897 Creatinine<=maximum(mean_Potassium,procedures_lifetime^2)
 3898 Creatinine<=active_conditions*mean_Creatinine
 3899 Creatinine<=maximum(QALY,mean_Creatinine)
 3900 Creatinine<=maximum(mean_Creatinine,sqrt(medications_lifetime))
 3901 Creatinine<=maximum(medications_lifetime,mean_Creatinine)
 3902 Creatinine<=maximum(procedures_lifetime,sqrt(Body_Mass_Index))
 3903 Creatinine<=healthcare_coverage+mean_Creatinine

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3904 Creatinine<=1/2*medications_lifetime_dispenses/MCV__Entitic_volume__by_Auto
mated_count
3905 Creatinine<=QOLS/imaging_studies_lifetime
3906 Creatinine<=mean_Creatinine^pH_of_Urine_by_Test_strip
3907 Creatinine<=encounters_count*log(Prostate_specific_Ag__Mass_volume__in_Seru
m,Plasma)/log(10)
3908 Creatinine<=(log(age)/log(10))^mean_Creatinine
3909 Creatinine<=maximum(DALY,ceil(Potassium))
3910 Creatinine<=(log(Glucose)/log(10))^mean_Creatinine
3911 Creatinine<=Globulin__Mass_volume__in_Serum_by_calculation/num_allergies
3912 Creatinine<=log(Erythrocytes___volume__in_Blood_by_Automated_count)*mean_C
reatinine
3913
Creatinine<=2*MCV__Entitic_volume__by_Automated_count/active_care_plan_length
3914
Creatinine<=log(MCH__Entitic_mass__by_Automated_count)*mean_Creatinine/log(10)
3915 Creatinine<=10^Leukocytes___volume__in_Blood_by_Automated_count/medication
s_lifetime_dispenses
3916 Creatinine<=10^medications_active+mean_Creatinine
3917 Creatinine>=longitude
3918 Creatinine>=-healthcare_expenses
3919 Creatinine>=mean_Creatinine/active_care_plans
3920 Creatinine>=mean_Creatinine/active_conditions
3921 Creatinine>=1/2*num_allergies
3922 Creatinine>=(num_allergies-1)^Body_Weight
3923 Creatinine>=minimum(mean_Creatinine,-Triglycerides)
3924 Creatinine>=1/2*ceil(encounters_lifetime_perc_covered)
3925 Creatinine>=1/2*QOLS
3926 Creatinine>=sqrt(lifetime_condition_length)-mean_Carbon_Dioxide
3927 Creatinine>=minimum(mean_Creatinine,floor(QOLS))
3928 Creatinine>=(encounters_count+1)/mean_Triglycerides
3929 Creatinine>=-healthcare_coverage+mean_Creatinine
3930 Creatinine>=mean_Creatinine-procedures_lifetime_cost
3931
Creatinine>=(Bilirubin_total__Mass_volume__in_Serum,Plasma-1)*active_care_plans
3932 Creatinine>=healthcare_expenses^longitude
3933 Creatinine>=mean_Creatinine-medications_lifetime
3934
Creatinine>=minimum(mean_Creatinine,-Hemoglobin_A1c_Hemoglobin_total_in_Blood)
3935 Creatinine>=-DALY+Globulin__Mass_volume__in_Serum_by_calculation
3936 Creatinine>=minimum(imaging_studies_lifetime,mean_Creatinine)
3937 Creatinine>=2*procedures_lifetime/Platelet_mean_volume__Entitic_volume__in_
Blood_by_Automated_count
3938 Creatinine>=minimum(mean_Creatinine,1/2*immunizations_lifetime)
3939 Creatinine>=-Microalbumin_Creatinine_Ratio+1/2*Respiratory_rate
3940 Creatinine>=log(device_lifetime_length)/mean_Bilirubin_total__Mass_volume__
in_Serum,Plasma
3941 Creatinine>=sqrt(Glucose)-Platelet_mean_volume__Entitic_volume__in_Blood_by

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_Automated_count
3942 Creatinine>=2*DALY-Glucose
3943 Creatinine>=maximum(Ketones__Mass_volume__in_Urine_by_Test_strip,-Prostate_
specific_Ag__Mass_volume__in_Serum,Plasma)
3944 Creatinine>=Calcium^2/Total_Cholesterol
3945 Creatinine>=sqrt(encounters_count)-Hemoglobin__Mass_volume__in_Blood
3946 Creatinine>=immunizations_lifetime/Prostate_specific_Ag__Mass_volume__in_Se
rum,Plasma
3947 Creatinine>=(Glomerular_filtration_rate_1_73_sq_M_predicted+1)/Systolic_Blo
od_Pressure
3948 Creatinine>=floor(QOLS)*mean_Creatinine
3949 Creatinine>=log(procedures_lifetime)/Prostate_specific_Ag__Mass_volume__in_
Serum,Plasma
3950
Creatinine>=log(Microalbumin_Creatinine_Ratio)/log(10)-immunizations_lifetime
3951 Creatinine>=mean_Creatinine^FEV1_FVC
3952 Creatinine>=minimum(medications_lifetime_perc_covered,mean_Creatinine)
3953 Creatinine>=log(Microalbumin_Creatinine_Ratio)/log(10)-QOLS
3954 Creatinine>=(10^healthcare_expenses)^longitude
3955 Creatinine>=log(Erythrocyte_distribution_width__Entitic_volume__by_Automate
d_count)/log(10)-immunizations_lifetime_cost
3956 Creatinine>=1/2*encounters_count/age
3957 Creatinine>=-Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,
Plasma+2*active_conditions
3958 Creatinine>=MCHC__Mass_volume__by_Automated_count-
lifetime_care_plan_length+1
3959 Creatinine>=ceil(Microalbumin_Creatinine_Ratio)/mean_Total_Cholesterol
3960 Creatinine>=10^medications_lifetime_perc_covered-
Hemoglobin_A1c_Hemoglobin_total_in_Blood
3961 Creatinine>=mean_Creatinine*num_allergies
3962
Creatinine>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count/Heart_rate
3963 Creatinine>=1/encounters_lifetime_perc_covered-
Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
3964 Creatinine>=sqrt(medications_lifetime)-mean_Carbon_Dioxide
3965 Creatinine>=10^medications_lifetime_perc_covered-
mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
3966 Sodium<=healthcare_expenses
3967 Sodium<=mean_Creatinine+mean_Sodium
3968 Sodium<=10^QOLS+mean_Sodium
3969 Sodium<=mean_Sodium+medications_lifetime
3970 Sodium<=sqrt(procedures_lifetime)+mean_Sodium
3971 Sodium<=mean_Sodium+procedures_lifetime
3972 Sodium<=mean_Sodium/QOLS
3973 Sodium<=QALY*log(Triglycerides)
3974 Sodium<=maximum(Body_Height,mean_Sodium)
3975 Sodium<=maximum(medications_lifetime_cost,mean_Sodium)
3976 Sodium<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+Tr

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iglycerides-1
3977 Sodium<=healthcare_coverage+mean_Sodium
3978 Sodium<=maximum(medications_lifetime_dispenses,mean_Sodium)
3979 Sodium<=1/device_lifetime_length+mean_Sodium
3980 Sodium<=2*Protein__Mass_volume__in_Serum,Plasma/num_allergies
3981 Sodium<=log(QALY)^mean_Albumin__Mass_volume__in_Serum,Plasma
3982 Sodium<=Systolic_Blood_Pressure*e^encounters_lifetime_perc_covered
3983 Sodium<=maximum(mean_Sodium,e^lifetime_conditions)
3984 Sodium<=mean_Sodium^active_conditions
3985 Sodium<=Triglycerides^2/active_condition_length
3986 Sodium<=maximum(mean_Sodium,1/2*Platelets___volume__in_Blood_by_Automated_
count)
3987 Sodium<=Respiratory_rate^2-Globulin__Mass_volume__in_Serum_by_calculation
3988 Sodium<=e^encounters_lifetime_perc_covered*mean_Systolic_Blood_Pressure
3989 Sodium<=floor(immunizations_lifetime_cost)/num_allergies
3990 Sodium<=maximum(mean_Sodium,1/2*medications_lifetime_dispenses)
3991 Sodium<=1/2*Calcium*MCHC__Mass_volume__by_Automated_count
3992 Sodium<=2*Low_Density_Lipoprotein_Cholesterol+mean_Carbon_Dioxide
3993
Sodium<=2*High_Density_Lipoprotein_Cholesterol+mean_Diastolic_Blood_Pressure
3994 Sodium<=2*Carbon_Dioxide+mean_Chloride
3995 Sodium<=sqrt(Calcium)+mean_Sodium
3996 Sodium<=Heart_rate+MCV__Entitic_volume__by_Automated_count
3997 Sodium>=latitude
3998 Sodium>=-active_conditions+mean_Sodium
3999 Sodium>=mean_Sodium-medications_lifetime
4000 Sodium>=Protein__Mass_volume__in_Serum,Plasma/Creatinine
4001 Sodium>=-healthcare_expenses
4002
Sodium>=-Platelets___volume__in_Blood_by_Automated_count+medications_lifetime+1
4003 Sodium>=-Globulin__Mass_volume__in_Serum_by_calculation+mean_Sodium
4004 Sodium>=Body_Weight+1/2*active_care_plan_length
4005 Sodium>=-Potassium+mean_Sodium
4006 Sodium>=1/2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,P
lasma+Glucose
4007 Sodium>=2*MCHC__Mass_volume__by_Automated_count+mean_High_Density_Lipoprote
in_Cholesterol
4008 Sodium>=1/2*Total_Cholesterol+mean_Respiratory_rate
4009 Sodium>=healthcare_expenses^longitude
4010 Sodium>=ceil(Carbon_Dioxide)+mean_Chloride
4011 Sodium>=minimum(encounters_count,Systolic_Blood_Pressure+1)
4012 Sodium>=mean_Sodium/active_conditions
4013 Sodium>=mean_Sodium^QOLS
4014 Sodium>=-DALY+mean_Sodium
4015 Sodium>=(encounters_count+1)^medications_lifetime_perc_covered
4016 Sodium>=minimum(Systolic_Blood_Pressure,mean_Sodium)
4017 Sodium>=encounters_count/DALY
4018

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Sodium>=(Microalbumin_Creatinine_Ratio+1)/Estimated_Glomerular_Filtration_Rate
 4019 Sodium>=(active_conditions+1)/QOLS
 4020 Sodium>=2*device_lifetime_length/Creatinine
 4021 Sodium>=Low_Density_Lipoprotein_Cholesterol-Urea_Nitrogen+1
 4022 Sodium>=(log(age)/log(10))^mean_Creatinine
 4023 Sodium>=MCH__Entitic_mass__by_Automated_count+mean_Chloride+1
 4024 Sodium>=-mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Sodium
 4025 Sodium>=High_Density_Lipoprotein_Cholesterol+active_care_plan_length+1
 4026 Sodium>=minimum(mean_Sodium,mean_Systolic_Blood_Pressure)
 4027 Sodium>=lifetime_care_plans*mean_Urea_Nitrogen
 4028 Sodium>=minimum(latitude,10^healthcare_expenses)
 4029 Sodium>=sqrt(encounters_lifetime_payer_coverage)-Prostate_specific_Ag__Mass__volume__in_Serum,Plasma
 4030 Sodium>=sqrt(Hemoglobin__Mass_volume__in_Blood)*MCHC__Mass_volume__by_Automated_count
 4031 Sodium>=MCV__Entitic_volume__by_Automated_count+ceil(latitude)
 4032 Sodium>=age*log(latitude)/log(10)
 4033 Sodium>=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count*immunizations_lifetime
 4034 Sodium>=minimum(Estimated_Glomerular_Filtration_Rate,floor(immunizations_lifetime_cost))
 4035 Sodium>=mean_Carbon_Dioxide+mean_Chloride
 4036 Sodium>=2*Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Carbon_Dioxide
 4037 Sodium>=minimum(mean_Sodium,1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4038 Sodium>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+2*Diastolic_Blood_Pressure
 4039 Sodium>=DALY*sqrt(active_care_plans)
 4040 Sodium>=-healthcare_coverage+mean_Sodium
 4041 Sodium>=mean_Sodium/active_care_plans
 4042 Sodium>=Chloride+MCH__Entitic_mass__by_Automated_count+1
 4043 Sodium>=2*active_condition_length-lifetime_conditions
 4044 Sodium>=active_condition_length*log(Diastolic_Blood_Pressure)/log(10)
 4045 Sodium>=sqrt(Calcium)*latitude
 4046 Sodium>=sqrt(medications_lifetime_cost)/medications_lifetime
 4047 Sodium>=Body_Weight+floor(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)
 4048 Sodium>=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)+Systolic_Blood_Pressure
 4049 Sodium>=-active_care_plan_length+e^Potassium
 4050 Sodium>=2*Glomerular_filtration_rate_1_73_sq_M_predicted-latitude
 4051 Potassium<=healthcare_expenses
 4052 Potassium<=ceil(e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 4053 Potassium<=mean_Potassium+procedures_lifetime
 4054 Potassium<=sqrt(QOLS)+mean_Potassium
 4055 Potassium<=1/2*Chloride/Calcium
 4056 Potassium<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4057 Potassium<=Microalbumin_Creatinine_Ratio-QOLS

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4058 Potassium<=ceil(active_condition_length)
4059 Potassium<=encounters_count^2
4060 Potassium<=ceil(Body_Mass_Index)/Albumin__Mass_volume__in_Serum,Plasma
4061 Potassium<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,
Plasma-mean_Albumin__Mass_volume__in_Serum,Plasma
4062 Potassium<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
/Hemoglobin_A1c_Hemoglobin_total_in_Blood
4063 Potassium<=mean_Potassium/QOLS
4064 Potassium<=maximum(lifetime_conditions,mean_Potassium)
4065 Potassium<=sqrt(encounters_lifetime_perc_covered)+Leukocytes___volume__in_
Blood_by_Automated_count
4066 Potassium<=1/2*Body_Height/active_conditions
4067 Potassium<=2*Low_Density_Lipoprotein_Cholesterol/Body_Mass_Index
4068 Potassium<=maximum(Respiratory_rate,mean_Potassium)
4069 Potassium<=healthcare_coverage+mean_Potassium
4070 Potassium<=2*Bilirubin_total__Mass_volume__in_Serum,Plasma+mean_Albumin__Ma
ss_volume__in_Serum,Plasma
4071 Potassium<=immunizations_lifetime_cost+lifetime_conditions
4072 Potassium<=ceil(Albumin__Mass_volume__in_Serum,Plasma+1)
4073 Potassium<=maximum(medications_lifetime,mean_Potassium)
4074 Potassium<=mean_Pain_severity___0_10_verbal_numeric_rating__Score___Report
ed+mean_Potassium
4075
Potassium<=1/Leukocytes___volume__in_Blood_by_Automated_count+mean_Potassium
4076 Potassium<=-active_care_plan_length+floor(Glucose)
4077 Potassium<=maximum(Microalbumin_Creatinine_Ratio,floor(Hemoglobin_A1c_Hemog
lobin_total_in_Blood))
4078 Potassium<=Estimated_Glomerular_Filtration_Rate+QOLS+1
4079 Potassium<=maximum(mean_Potassium,DALY^2)
4080 Potassium<=1/procedures_lifetime+Leukocytes___volume__in_Blood_by_Automate
d_count
4081 Potassium<=1/2*Body_Weight*QOLS
4082 Potassium<=1/2*Calcium+medications_active
4083 Potassium<=Carbon_Dioxide-active_conditions
4084 Potassium<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/num_allergies
4085 Potassium<=mean_Potassium+medications_lifetime
4086 Potassium<=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_by
_Automated_count,sqrt(Estimated_Glomerular_Filtration_Rate))
4087 Potassium<=sqrt(Urea_Nitrogen)^active_care_plans
4088 Potassium<=maximum(mean_Potassium,log(medications_lifetime_cost)/log(10))
4089 Potassium<=(Sodium+1)/mean_Carbon_Dioxide
4090
Potassium<=Globulin__Mass_volume__in_Serum_by_calculation+log(Urea_Nitrogen)
4091 Potassium<=log(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)/log(10)+
mean_Potassium
4092 Potassium<=sqrt(encounters_lifetime_perc_covered)+mean_Potassium
4093 Potassium<=Carbon_Dioxide^2/age
4094 Potassium<=2*Creatinine*mean_Potassium

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4095 Potassium<=(1/medications_lifetime_perc_covered)^mean_Calcium
4096
Potassium<=maximum(DALY,Leukocytes___volume__in_Blood_by_Automated_count-1)
4097
Potassium<=mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood+procedures_lifetime+1
4098 Potassium<=Erythrocytes___volume__in_Blood_by_Automated_count+2*QOLS
4099 Potassium<=Sodium^2/medications_lifetime_dispenses
4100 Potassium<=maximum(mean_Potassium,1/2*Platelet_mean_volume__Entitic_volume_
_in_Blood_by_Automated_count)
4101 Potassium>=longitude
4102 Potassium>=1/2*lifetime_care_plans
4103 Potassium>=minimum(mean_Potassium,-Respiratory_rate)
4104 Potassium>=(Globulin__Mass_volume__in_Serum_by_calculation-1)*imaging_studi
es_lifetime
4105 Potassium>=mean_Potassium/active_conditions
4106 Potassium>=sqrt(Creatinine)-Bilirubin_total__Mass_volume__in_Serum,Plasma
4107 Potassium>=immunizations_lifetime*log(medications_active)
4108 Potassium>=DALY-medications_lifetime_length-1
4109 Potassium>=floor(Low_Density_Lipoprotein_Cholesterol)/MCHC__Mass_volume__by
_Automated_count
4110 Potassium>=-healthcare_expenses
4111 Potassium>=log(medications_lifetime_perc_covered)/log(10)+Pain_severity___0
_10_verbal_numeric_rating__Score____Reported
4112 Potassium>=mean_Potassium^QOLS
4113 Potassium>=sqrt(device_lifetime_length)-mean_Globulin__Mass_volume__in_Seru
m_by_calculation
4114 Potassium>=-Creatinine+mean_Potassium
4115 Potassium>=log(healthcare_coverage)/log(10)-Creatinine
4116 Potassium>=-Body_Mass_Index+floor(MCH__Entitic_mass__by_Automated_count)
4117 Potassium>=log(2*DALY)
4118 Potassium>=active_conditions^2/mean_Glucose
4119 Potassium>=healthcare_expenses^longitude
4120 Potassium>=mean_Potassium-medications_lifetime
4121 Potassium>=sqrt(Respiratory_rate)-QOLS
4122 Potassium>=(DALY+1)/mean_Urea_Nitrogen
4123 Potassium>=(log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma)/log(10))^Globulin__Mass_volume__in_Serum_by_calculation
4124 Potassium>=minimum(device_lifetime_length,mean_Potassium)
4125 Potassium>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+log(Protein__Mass
_volume__in_Serum,Plasma)
4126 Potassium>=Bilirubin_total__Mass_volume__in_Serum,Plasma+immunizations_lif
etime+1
4127 Potassium>=(medications_lifetime+1)/Total_Cholesterol
4128 Potassium>=sqrt(Respiratory_rate)-immunizations_lifetime
4129
Potassium>=(Bilirubin_total__Mass_volume__in_Serum,Plasma^2)^active_care_plans
4130
Potassium>=minimum(mean_Potassium,1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)

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4131 Potassium>=2*medications_lifetime/Platelet_distribution_width__Entitic_volu
me__in_Blood_by_Automated_count
4132 Potassium>=Respiratory_rate/Albumin__Mass_volume__in_Serum,Plasma
4133 Potassium>=1/2*Total_Cholesterol/Body_Mass_Index
4134 Potassium>=(10^healthcare_expenses)^longitude
4135 Potassium>=(log(Calcium)/log(10))^Body_Height
4136 Potassium>=log(Triglycerides)*medications_lifetime_perc_covered
4137 Potassium>=(Chloride+1)/MCH__Entitic_mass__by_Automated_count
4138 Potassium>=minimum(Erythrocytes___volume__in_Blood_by_Automated_count,10^e
ncounters_lifetime_perc_covered)
4139 Potassium>=log(medications_lifetime_cost)/log(10)-Prostate_specific_Ag__Mas
s_volume__in_Serum,Plasma
4140 Potassium>=-encounters_lifetime_perc_covered+log(active_care_plan_length)
4141 Potassium>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported+f
loor(Albumin__Mass_volume__in_Serum,Plasma)
4142 Potassium>=sqrt(Carbon_Dioxide)-active_care_plans
4143 Potassium>=log(lifetime_conditions)/Creatinine
4144
Potassium>=-Body_Weight+floor(Glomerular_filtration_rate_1_73_sq_M_predicted)
4145 Potassium>=encounters_lifetime_perc_covered*log(lifetime_condition_length)
4146 Potassium>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^num_allergies
4147 Potassium>=log(medications_lifetime_length)-medications_lifetime
4148 Potassium>=1/2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_
count*encounters_lifetime_perc_covered
4149 Potassium>=Leukocytes___volume__in_Blood_by_Automated_count^encounters_lif
etime_perc_covered
4150
Potassium>=log(encounters_lifetime_payer_coverage)/log(10)-procedures_lifetime
4151 Potassium>=minimum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma,Globu
lin__Mass_volume__in_Serum_by_calculation+1)
4152 Potassium>=minimum(Erythrocytes___volume__in_Blood_by_Automated_count,medi
cations_active-1)
4153 Potassium>=-healthcare_coverage+mean_Potassium
4154 Potassium>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-
immunizations_lifetime_cost
4155 Potassium>=log(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)/encounte
rs_lifetime_perc_covered
4156 Potassium>=sqrt(medications_lifetime_dispenses)/encounters_count
4157 Potassium>=log(medications_active)*mean_Potassium/log(10)
4158 Potassium>=log(DALY)+medications_lifetime_perc_covered
4159 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=healthcare_expenses
4160 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=ceil(mean_Hemoglobin_A1c_Hemoglob
in_total_in_Blood)
4161 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Pain_severity___0_10_verbal_numer
ic_rating__Score____Reported+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
4162 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/active_conditions+mean_Hemoglob
in_A1c_Hemoglobin_total_in_Blood
4163 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog

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lobin_total_in_Blood,mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 4164 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Globulin__Mass_volume__in_Serum_
 by_calculation+medications_lifetime
 4165 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood+medications_lifetime
 4166 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(active_care_plan_length,m
 ean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4167 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood+procedures_lifetime
 4168 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood^active_care_plans
 4169 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(active_conditions,Leukocy
 tes___volume__in_Blood_by_Automated_count)
 4170 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Bilirubin_total__Mass_volume__in
 _Serum,Plasma+active_conditions+1
 4171 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/lifetime_care_plans+mean_Hemogl
 obin_A1c_Hemoglobin_total_in_Blood
 4172 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood/QOLS
 4173 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Globulin__Mass_volume__in_Serum_b
 y_calculation+Potassium
 4174 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Leukocytes___volume__in_Blood_by
 _Automated_count+medications_active
 4175 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Albumin__Mass_volume__in_Serum,Pl
 asma+Globulin__Mass_volume__in_Serum_by_calculation
 4176 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/Platelet_distribution_width__En
 titic_volume__in_Blood_by_Automated_count+mean_Hemoglobin_A1c_Hemoglobin_total_i
 n_Blood
 4177 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,mean_Leukocytes___volume__in_Blood_by_Automated_count)
 4178 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,1/2*Estimated_Glomerular_Filtration_Rate)
 4179 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(medications_lifetime_leng
 th,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4180 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=QOLS^2+mean_Hemoglobin_A1c_Hemogl
 obin_total_in_Blood
 4181 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,DALY^2)
 4182 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=mean_Hemoglobin_A1c_Hemoglobin_to
 tal_in_Blood^active_conditions
 4183 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,log(Platelet_distribution_width__Entitic_volume__in_Blood_b
 y_Automated_count))
 4184 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/Platelets___volume__in_Blood_b
 y_Automated_count+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4185 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
 lobin_total_in_Blood,2*Globulin__Mass_volume__in_Serum_by_calculation)
 4186 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog

```

lobin_total_in_Blood,floor(Leukocytes___volume__in_Blood_by_Automated_count))
4187 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=minimum(healthcare_expenses,sqrt(
Body_temperature))
4188 Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
4189 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=longitude
4190 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=floor(mean_Hemoglobin_A1c_Hemoglo
bin_total_in_Blood)
4191 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=healthcare_expenses^longitude
4192 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-Globulin__Mass_volume__in_Serum_
by_calculation+medications_active
4193 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Alanine_aminotransferase__Enzymat
ic_activity_volume__in_Serum,Plasma/Respiratory_rate
4194 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=log(age)/log(10)+num_allergies
4195 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(active_care_plans,mean_He
moglobin_A1c_Hemoglobin_total_in_Blood)
4196 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(lifetime_care_plans,mean_
Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4197 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_expenses
4198 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-medications_lifetime_perc_covered
4199 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood/active_conditions
4200 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Platelet_distribution_wid
th__Entitic_volume__in_Blood_by_Automated_count,mean_Hemoglobin_A1c_Hemoglobin_t
otal_in_Blood)
4201 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*Potassium
4202 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=2*Heart_rate/Body_Weight
4203 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Glomerular_filtration_rat
e_1_73_sq_M_predicted,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4204 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-procedures_lifetime
4205 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Prostate_specific_Ag__Mass_volume
__in_Serum,Plasma-QOLS
4206 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=log(encounters_lifetime_perc_cove
red)/log(10)+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
4207
Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(10^healthcare_expenses)^longitude
4208 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-medications_lifetime
4209 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-medications_active
4210 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,active_care_plans+1)
4211 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood^QOLS
4212 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood,log(immunizations_lifetime_cost))

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4213 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-Pain_severity___0_10_verbal_numeric_rating__Score____Reported+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4214 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=QOLS+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood-1
 4215 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/medications_lifetime_perc_covered)
 4216 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*medications_lifetime_length/encounters_lifetime_payer_coverage
 4217 Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood,Pain_severity___0_10_verbal_numeric_rating__Score____Reported^2)
 4218 Glucose<=healthcare_expenses
 4219 Glucose<=Hemoglobin__Mass_volume__in_Blood+ceil(Body_Height)
 4220 Glucose<=2*Heart_rate-mean_Creatinine
 4221 Glucose<=1/2*Carbon_Dioxide+mean_Glucose
 4222 Glucose<=Respiratory_rate*mean_Urea_Nitrogen
 4223 Glucose<=maximum(Low_Density_Lipoprotein_Cholesterol,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 4224 Glucose<=Systolic_Blood_Pressure+log(Albumin__Mass_volume__in_Serum,Plasma)
 4225 Glucose<=mean_Glucose+procedures_lifetime_cost
 4226 Glucose<=maximum(lifetime_condition_length,mean_Glucose)
 4227 Glucose<=mean_Glucose+mean_Urea_Nitrogen
 4228 Glucose<=Heart_rate*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 4229 Glucose<=healthcare_coverage+mean_Glucose
 4230 Glucose<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+mean_Glucose-1
 4231 Glucose<=encounters_count+e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 4232 Glucose<=sqrt(Sodium)+mean_Glucose
 4233 Glucose<=mean_Glucose+medications_lifetime
 4234 Glucose<=Heart_rate^active_conditions
 4235 Glucose<=10^Creatinine+mean_Estimated_Glomerular_Filtration_Rate
 4236 Glucose<=(Diastolic_Blood_Pressure+1)^active_care_plans
 4237 Glucose<=maximum(medications_lifetime_cost,mean_Glucose)
 4238 Glucose<=10^Potassium/mean_High_Density_Lipoprotein_Cholesterol
 4239 Glucose<=10^Pain_severity___0_10_verbal_numeric_rating__Score____Reported*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 4240 Glucose<=maximum(mean_Glucose,10^DALY)
 4241 Glucose<=sqrt(Total_Cholesterol)*mean_Estimated_Glomerular_Filtration_Rate
 4242 Glucose<=Creatinine+ceil(Triglycerides)
 4243 Glucose<=maximum(Low_Density_Lipoprotein_Cholesterol,Microalbumin_Creatinine_Ratio)
 4244
 Glucose<=floor(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)+mean_Chloride
 4245 Glucose<=1/2*QALY*Urea_Nitrogen
 4246 Glucose<=DALY^2+mean_Glucose
 4247 Glucose<=2*Estimated_Glomerular_Filtration_Rate*lifetime_conditions
 4248 Glucose<=immunizations_lifetime_cost+mean_Systolic_Blood_Pressure-1
 4249 Glucose<=maximum(mean_Glucose,e^lifetime_conditions)

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4250 Glucose<=Glomerular_filtration_rate_1_73_sq_M_predicted*Respiratory_rate
4251 Glucose<=(10^Potassium)^Creatinine
4252 Glucose<=e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+mean_Glucose
4253 Glucose<=1/2*encounters_count+mean_Glucose
4254 Glucose<=floor(Albumin__Mass_volume__in_Serum,Plasma)*mean_Alkaline_phospha
tase__Enzymatic_activity_volume__in_Serum,Plasma
4255 Glucose<=2*Globulin__Mass_volume__in_Serum_by_calculation*encounters_count
4256 Glucose<=2*Creatinine*Heart_rate
4257 Glucose<=10^procedures_lifetime+mean_Glucose
4258 Glucose<=10^QOLS*Diastolic_Blood_Pressure
4259 Glucose<=(e^QOLS)^mean_High_Density_Lipoprotein_Cholesterol
4260 Glucose<=Urea_Nitrogen+mean_Glucose+1
4261 Glucose<=Chloride+1/2*Microalbumin_Creatinine_Ratio
4262 Glucose<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Pl
asma+mean_Glucose-1
4263 Glucose<=10^Leukocytes____volume__in_Blood_by_Automated_count/active_care_p
lan_length
4264
Glucose<=ceil(Leukocytes____volume__in_Blood_by_Automated_count)+mean_Glucose
4265 Glucose<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count^2/active_
conditions
4266 Glucose>=latitude
4267 Glucose>=1/2*medications_lifetime_length/mean_Chloride
4268 Glucose>=1/Calcium+active_condition_length
4269 Glucose>=1/2*Erythrocyte_distribution_width__Entitic_volume__by_Automated_c
ount/encounters_lifetime_perc_covered
4270 Glucose>=Potassium*log(healthcare_expenses)
4271 Glucose>=minimum(mean_Glucose,e^medications_active)
4272 Glucose>=-healthcare_expenses
4273 Glucose>=minimum(MCV__Entitic_volume__by_Automated_count,mean_Glucose)
4274 Glucose>=mean_Glucose-mean_Urea_Nitrogen
4275 Glucose>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plas
ma+Body_Mass_Index
4276
Glucose>=minimum(mean_Glucose,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4277 Glucose>=1/2*Triglycerides-mean_Estimated_Glomerular_Filtration_Rate
4278 Glucose>=-Glomerular_filtration_rate_1_73_sq_M_predicted+Low_Density_Lipopr
otein_Cholesterol+1
4279 Glucose>=healthcare_expenses^longitude
4280 Glucose>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*log(Albumin__Mass_volume__in_Serum,Plasma)/log(10)
4281 Glucose>=mean_Glucose^QOLS
4282
Glucose>=(Microalbumin_Creatinine_Ratio+1)^medications_lifetime_perc_covered
4283 Glucose>=active_care_plan_length+log(Systolic_Blood_Pressure)
4284 Glucose>=Diastolic_Blood_Pressure-immunizations_lifetime_cost-1
4285 Glucose>=MCV__Entitic_volume__by_Automated_count*log(procedures_lifetime)/l
og(10)

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4286 Glucose>=minimum(latitude,10^healthcare_expenses)
4287 Glucose>=device_lifetime_length+floor(latitude)
4288 Glucose>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(lifetime_care_plan_length)/log(10)
4289 Glucose>=sqrt(encounters_count)*mean_Potassium
4290 Glucose>=age^2/Low_Density_Lipoprotein_Cholesterol
4291 Glucose>=mean_Glucose-medications_lifetime
4292 Glucose>=minimum(Heart_rate,1/Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
4293 Glucose>=-Creatinine+2*DALY
4294
Glucose>=(1/QOLS)^Pain_severity___0_10_verbal_numeric_rating__Score___Reported
4295
Glucose>=Low_Density_Lipoprotein_Cholesterol*medications_lifetime_perc_covered^2
4296 Glucose>=(active_conditions+1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
4297 Glucose>=minimum(procedures_lifetime,Diastolic_Blood_Pressure)
4298 Glucose>=lifetime_conditions*medications_active
4299 Glucose>=(DALY-1)/mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
4300 Glucose>=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)
4301 Glucose>=sqrt(immunizations_lifetime_cost)/encounters_lifetime_perc_covered
4302 Glucose>=Heart_rate/active_conditions
4303 Glucose>=High_Density_Lipoprotein_Cholesterol-mean_Calcium
4304 Glucose>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma*log(Hemoglobin_A1c_Hemoglobin_total_in_Blood)/log(10)
4305 Glucose>=minimum(age,1/Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
4306 Glucose>=mean_Glucose/active_care_plans
4307 Glucose>=active_care_plan_length*log(Urea_Nitrogen)/log(10)
4308
Glucose>=Low_Density_Lipoprotein_Cholesterol*encounters_lifetime_perc_covered^2
4309 Glucose>=-QALY+floor(Low_Density_Lipoprotein_Cholesterol)
4310 Glucose>=e^Calcium/Platelets___volume__in_Blood_by_Automated_count
4311 Glucose>=-healthcare_coverage+mean_Glucose
4312 Chloride<=healthcare_expenses
4313 Chloride<=active_care_plans+mean_Chloride+1
4314
Chloride<=log(Leukocytes___volume__in_Blood_by_Automated_count)*mean_Glucose
4315 Chloride<=maximum(mean_Chloride,encounters_count^2)
4316 Chloride<=maximum(Total_Cholesterol,mean_Chloride)
4317 Chloride<=e^Creatinine+mean_Chloride
4318 Chloride<=mean_Chloride+medications_lifetime
4319 Chloride<=maximum(mean_Chloride,e^active_conditions)
4320 Chloride<=maximum(medications_lifetime_cost,mean_Chloride)
4321 Chloride<=mean_Chloride/QOLS
4322 Chloride<=Albumin__Mass_volume__in_Serum,Plasma+mean_Chloride
4323 Chloride<=Triglycerides+active_care_plans
4324 Chloride<=mean_Chloride^active_conditions

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4325 Chloride<= $e^{\text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count/Low_Density_Lipoprotein_Cholesterol}}$
 4326 Chloride<= $1/2 * \text{Sodium} + \text{latitude}$
 4327 Chloride<= $\text{maximum}(\text{mean_Chloride}, \text{Systolic_Blood_Pressure} - 1)$
 4328 Chloride<= $\text{MCHC_Mass_volume_by_Automated_count}^2 / \text{Leukocytes_volume_in_Blood_by_Automated_count}$
 4329 Chloride<= $\text{QALY}^2 / \text{active_care_plans}$
 4330 Chloride<= $\text{maximum}(\text{medications_lifetime_dispenses}, \text{mean_Chloride})$
 4331 Chloride<= $\log(\text{active_care_plan_length}) + \text{mean_Triglycerides}$
 4332 Chloride<= $(\text{Bilirubin_total_Mass_volume_in_Serum}, \text{Plasma} + 1) * \text{mean_Glucose}$
 4333 Chloride<= $\text{active_care_plans}^2 + \text{mean_Chloride}$
 4334 Chloride<= $\text{healthcare_coverage} + \text{mean_Chloride}$
 4335 Chloride<= $\text{maximum}(\text{Systolic_Blood_Pressure}, \text{mean_Chloride})$
 4336 Chloride<= $-\text{mean_Carbon_Dioxide} + \text{mean_Sodium}$
 4337 Chloride<= $\log(\text{lifetime_care_plan_length}) + \text{mean_Chloride}$
 4338 Chloride<= $-\text{QOLS} + \text{mean_Triglycerides}$
 4339 Chloride<= $\text{QALY} * \text{floor}(\text{Estimated_Glomerular_Filtration_Rate})$
 4340 Chloride<= $\sqrt{\text{Body_Mass_Index}} * \text{Carbon_Dioxide}$
 4341 Chloride<= $-\text{Bilirubin_total_Mass_volume_in_Serum}, \text{Plasma} + 1/2 * \text{medications_lifetime_dispenses}$
 4342 Chloride<= $10^{\text{encounters_lifetime_perc_covered}} * \text{mean_Diastolic_Blood_Pressure}$
 4343 Chloride<= $\text{Microalbumin_Creatinine_Ratio}^2 / \text{procedures_lifetime}$
 4344 Chloride<= $\text{mean_Triglycerides} + \text{procedures_lifetime_cost} - 1$
 4345 Chloride<= $(e^{\text{QOLS}})^{\text{mean_High_Density_Lipoprotein_Cholesterol}}$
 4346 Chloride<= $\text{floor}(\text{QALY}) * \text{mean_Globulin_Mass_volume_in_Serum_by_calculation}$
 4347 Chloride<= $\text{ceil}(\text{DALY}) + \text{mean_Chloride}$
 4348 Chloride<= $2 * \text{Heart_rate} - \text{active_conditions}$
 4349 Chloride<= $\sqrt{\text{Carbon_Dioxide}} + \text{mean_Chloride}$
 4350 Chloride<= $\sqrt{\text{Protein_Mass_volume_in_Serum}, \text{Plasma}} * \text{mean_Respiratory_rate}$
 4351 Chloride<= $\sqrt{\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum}, \text{Plasma}} * \text{mean_Alkaline_phosphatase_Enzymatic_activity_volume_in_Serum}, \text{Plasma}$
 4352 Chloride<= $\text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum}, \text{Plasma}^2 / \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}$
 4353 Chloride>= latitude
 4354 Chloride>= $-\text{Potassium} + \text{mean_Chloride}$
 4355 Chloride>= $\text{High_Density_Lipoprotein_Cholesterol}^2 / \text{Low_Density_Lipoprotein_Cholesterol}$
 4356 Chloride>= $10^{\text{medications_lifetime_perc_covered}} * \text{Respiratory_rate}$
 4357 Chloride>= $\text{Body_Mass_Index} + \text{active_condition_length}$
 4358 Chloride>= $\text{minimum}(\text{mean_Chloride}, \text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood})$
 4359 Chloride>= $-\text{Body_Weight} + \text{floor}(\text{Body_Height})$
 4360 Chloride>= $\text{minimum}(\text{mean_Chloride}, e^{\text{Creatinine}})$
 4361 Chloride>= $-\text{active_conditions} + \text{mean_Chloride}$
 4362 Chloride>= $-\text{healthcare_expenses}$
 4363 Chloride>= $\text{MCV_Entitic_volume_by_Automated_count} + \text{procedures_lifetime}$
 4364 Chloride>= $\text{minimum}(\text{mean_Chloride}, 10^{\text{immunizations_lifetime}})$


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4365 Chloride>=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Potassium
4366 Chloride>=sqrt(Body_Height)+Glomerular_filtration_rate_1_73_sq_M_predicted
4367 Chloride>=healthcare_expenses^longitude
4368 Chloride>=Creatinine+Diastolic_Blood_Pressure
4369 Chloride>=active_care_plan_length+mean_Carbon_Dioxide+1
4370 Chloride>=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)*mean_Calcium
4371 Chloride>=-healthcare_coverage+mean_Chloride
4372 Chloride>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+mean_Chloride
4373 Chloride>=Body_Mass_Index+Protein__Mass_volume__in_Serum,Plasma-1
4374 Chloride>=Globulin__Mass_volume__in_Serum_by_calculation^2/Bilirubin_total__Mass_volume__in_Serum,Plasma
4375 Chloride>=mean_Chloride^num_allergies
4376 Chloride>=mean_Chloride^QOLS
4377 Chloride>=-active_condition_length+e^Pain_severity___0_10_verbal_numeric_rating__Score____Reported
4378 Chloride>=mean_Chloride-medications_lifetime
4379 Chloride>=mean_Chloride-mean_Potassium
4380 Chloride>=-Estimated_Glomerular_Filtration_Rate+1/2*Total_Cholesterol
4381 Chloride>=Erythrocytes___volume__in_Blood_by_Automated_count+ceil(Body_Weight)
4382 Chloride>=Leukocytes___volume__in_Blood_by_Automated_count+MCV__Entitic_volume__by_Automated_count
4383 Chloride>=Systolic_Blood_Pressure*encounters_lifetime_perc_covered
4384 Chloride>=mean_Chloride-procedures_lifetime_cost
4385 Chloride>=minimum(mean_Chloride,1/Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
4386 Chloride>=Estimated_Glomerular_Filtration_Rate*log(procedures_lifetime)
4387 Chloride>=mean_Chloride/active_conditions
4388 Chloride>=minimum(mean_Chloride,mean_Diastolic_Blood_Pressure)
4389 Chloride>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+mean_Heart_rate
4390 Chloride>=-Erythrocyte_distribution_width__Entitic_volume__by_Automated_count+ceil(Low_Density_Lipoprotein_Cholesterol)
4391 Chloride>=mean_Chloride/active_care_plans
4392 Chloride>=sqrt(Glucose)/QOLS
4393 Chloride>=minimum(mean_Chloride,Calcium^2)
4394 Chloride>=minimum(latitude,10^healthcare_expenses)
4395 Chloride>=1/2*lifetime_condition_length*num_allergies
4396 Chloride>=e^lifetime_care_plans/encounters_count
4397 Chloride>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+2*device_lifetime_length
4398 Chloride>=-Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+1/2*encounters_count
4399 Chloride>=Calcium^2+Bilirubin_total__Mass_volume__in_Serum,Plasma
4400 Chloride>=active_condition_length+ceil(Body_Mass_Index)
4401 Chloride>=Carbon_Dioxide+High_Density_Lipoprotein_Cholesterol+1
4402 Chloride>=2*Carbon_Dioxide/Creatinine

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4403 Chloride \geq 2*Calcium+age
 4404 Carbon_Dioxide \leq healthcare_expenses
 4405 Carbon_Dioxide \leq mean_Carbon_Dioxide/QOLS
 4406 Carbon_Dioxide \leq QALY*log(Urea_Nitrogen)/log(10)
 4407 Carbon_Dioxide \leq maximum(lifetime_condition_length,mean_Carbon_Dioxide)
 4408 Carbon_Dioxide \leq maximum(mean_Carbon_Dioxide,mean_MCH__Entitic_mass__by_Auto
 mated_count)
 4409 Carbon_Dioxide \leq maximum(mean_Carbon_Dioxide,mean_Alanine_aminotransferase__
 Enzymatic_activity_volume__in_Serum,Plasma)
 4410 Carbon_Dioxide \leq DALY+mean_Carbon_Dioxide
 4411 Carbon_Dioxide \leq Respiratory_rate^2/Prostate_specific_Ag__Mass_volume__in_Se
 rum,Plasma
 4412
 Carbon_Dioxide \leq sqrt(Globulin__Mass_volume__in_Serum_by_calculation)^Calcium
 4413 Carbon_Dioxide \leq floor(Potassium)+mean_Carbon_Dioxide
 4414 Carbon_Dioxide \leq e^Calcium/Total_Cholesterol
 4415 Carbon_Dioxide \leq floor(Sodium)/Pain_severity___0_10_verbal_numeric_rating__S
 core___Reported
 4416 Carbon_Dioxide \leq Body_Mass_Index+Potassium
 4417 Carbon_Dioxide \leq 10^Pain_severity___0_10_verbal_numeric_rating__Score___Rep
 orted+mean_Carbon_Dioxide
 4418 Carbon_Dioxide \leq High_Density_Lipoprotein_Cholesterol-
 Leukocytes___volume__in_Blood_by_Automated_count-1
 4419 Carbon_Dioxide \leq maximum(mean_Carbon_Dioxide,e^active_conditions)
 4420 Carbon_Dioxide \leq -Erythrocytes___volume__in_Blood_by_Automated_count+lifeti
 me_care_plan_length
 4421 Carbon_Dioxide \leq Alanine_aminotransferase__Enzymatic_activity_volume__in_Ser
 um,Plasma+active_care_plans+1
 4422 Carbon_Dioxide \leq Chloride-High_Density_Lipoprotein_Cholesterol-1
 4423 Carbon_Dioxide \leq 10^Potassium/encounters_count
 4424 Carbon_Dioxide \leq healthcare_coverage+mean_Carbon_Dioxide
 4425 Carbon_Dioxide \leq -Glucose+2*Low_Density_Lipoprotein_Cholesterol
 4426 Carbon_Dioxide \leq Hemoglobin__Mass_volume__in_Blood+encounters_count+1
 4427 Carbon_Dioxide \leq 1/Hemoglobin_A1c_Hemoglobin_total_in_Blood+Alkaline_phospha
 tase__Enzymatic_activity_volume__in_Serum,Plasma
 4428 Carbon_Dioxide \leq DALY+2*Respiratory_rate
 4429 Carbon_Dioxide \leq maximum(Heart_rate,mean_Carbon_Dioxide)
 4430 Carbon_Dioxide \leq minimum(Platelet_distribution_width__Entitic_volume__in_Blo
 od_by_Automated_count,1/2*FEV1_FVC)
 4431 Carbon_Dioxide \leq ceil(Sodium)/Potassium
 4432 Carbon_Dioxide \leq maximum(mean_Carbon_Dioxide,active_conditions^2)
 4433 Carbon_Dioxide \leq 2*Erythrocytes___volume__in_Blood_by_Automated_count*Hemog
 lobin_A1c_Hemoglobin_total_in_Blood
 4434 Carbon_Dioxide \leq MCHC__Mass_volume__by_Automated_count-active_care_plans
 4435 Carbon_Dioxide \leq mean_Carbon_Dioxide^active_conditions
 4436 Carbon_Dioxide \leq mean_Carbon_Dioxide+medications_lifetime
 4437 Carbon_Dioxide \leq (Triglycerides-1)/Pain_severity___0_10_verbal_numeric_ratin
 g__Score___Reported

4438 Carbon_Dioxide<=High_Density_Lipoprotein_Cholesterol-Potassium
 4439 Carbon_Dioxide<=maximum(medications_lifetime_length,mean_Carbon_Dioxide)
 4440 Carbon_Dioxide<=e^Albumin_Mass_volume__in_Serum,Plasma-mean_Urea_Nitrogen
 4441 Carbon_Dioxide<=Urea_Nitrogen*floor(Albumin_Mass_volume__in_Serum,Plasma)
 4442 Carbon_Dioxide<=-Diastolic_Blood_Pressure+mean_Systolic_Blood_Pressure
 4443 Carbon_Dioxide<=2*MCHC_Mass_volume__by_Automated_count*QOLS
 4444 Carbon_Dioxide<=1/2*Diastolic_Blood_Pressure-
 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 4445 Carbon_Dioxide<=maximum(mean_Carbon_Dioxide,medications_lifetime^2)
 4446 Carbon_Dioxide<=1/num_allergies+mean_Estimated_Glomerular_Filtration_Rate
 4447
 Carbon_Dioxide<=Estimated_Glomerular_Filtration_Rate+1/2*active_condition_length
 4448 Carbon_Dioxide<=floor(DALY)+mean_Carbon_Dioxide
 4449 Carbon_Dioxide<=log(encounters_count)+mean_Carbon_Dioxide
 4450 Carbon_Dioxide<=(QOLS+1)*mean_Carbon_Dioxide
 4451 Carbon_Dioxide<=sqrt(Respiratory_rate)+mean_Carbon_Dioxide
 4452 Carbon_Dioxide>=longitude
 4453 Carbon_Dioxide>=log(Diastolic_Blood_Pressure)*mean_Potassium
 4454 Carbon_Dioxide>=Creatinine+Potassium-1
 4455 Carbon_Dioxide>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_S
 erum,Plasma*log(Potassium)/log(10)
 4456 Carbon_Dioxide>=minimum(Estimated_Glomerular_Filtration_Rate,mean_Carbon_Di
 oxide)
 4457 Carbon_Dioxide>=mean_Carbon_Dioxide^QOLS
 4458 Carbon_Dioxide>=-Erythrocytes___volume__in_Blood_by_Automated_count+1/2*ac
 tive_care_plan_length
 4459 Carbon_Dioxide>=mean_Carbon_Dioxide/active_conditions
 4460 Carbon_Dioxide>=sqrt(Total_Cholesterol)+mean_Potassium
 4461 Carbon_Dioxide>=1/2*Erythrocyte_distribution_width__Entitic_volume__by_Auto
 mated_count+QOLS
 4462 Carbon_Dioxide>=-healthcare_expenses
 4463 Carbon_Dioxide>=e^active_care_plans/mean_Alanine_aminotransferase__Enzymati
 c_activity_volume__in_Serum,Plasma
 4464 Carbon_Dioxide>=ceil(sqrt(Microalbumin_Creatinine_Ratio))
 4465 Carbon_Dioxide>=Body_Mass_Index-Urea_Nitrogen
 4466 Carbon_Dioxide>=healthcare_expenses^longitude
 4467 Carbon_Dioxide>=Calcium*log(lifetime_care_plan_length)/log(10)
 4468 Carbon_Dioxide>=sqrt(Albumin_Mass_volume__in_Serum,Plasma)^imaging_studies
 _lifetime
 4469 Carbon_Dioxide>=-DALY+mean_Carbon_Dioxide
 4470 Carbon_Dioxide>=1/2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
 ated_count/encounters_lifetime_perc_covered
 4471 Carbon_Dioxide>=mean_Carbon_Dioxide-procedures_lifetime_cost
 4472 Carbon_Dioxide>=QOLS*mean_Carbon_Dioxide
 4473 Carbon_Dioxide>=log(Bilirubin_total__Mass_volume__in_Serum,Plasma)*mean_Tri
 glycerides
 4474 Carbon_Dioxide>=Pain_severity___0_10_verbal_numeric_rating__Score____Report
 ed+active_conditions+1

4475 Carbon_Dioxide>=-healthcare_coverage+mean_Carbon_Dioxide
 4476 Carbon_Dioxide>=sqrt(Glomerular_filtration_rate_1_73_sq_M_predicted)*immunizations_lifetime
 4477 Carbon_Dioxide>=(lifetime_care_plan_length+1)/mean_Respiratory_rate
 4478 Carbon_Dioxide>=1/QOLS+Respiratory_rate
 4479 Carbon_Dioxide>=medications_lifetime^2/encounters_lifetime_total_cost
 4480 Carbon_Dioxide>=minimum(Estimated_Glomerular_Filtration_Rate,ceil(DALY))
 4481 Carbon_Dioxide>=minimum(mean_Carbon_Dioxide,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 4482 Carbon_Dioxide>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted/mean_Creatinine
 4483 Carbon_Dioxide>=(10^healthcare_expenses)^longitude
 4484
 Carbon_Dioxide>=sqrt(healthcare_expenses)/Low_Density_Lipoprotein_Cholesterol
 4485 Carbon_Dioxide>=-Heart_rate+floor(age)
 4486
 Carbon_Dioxide>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*lifetime_care_plans
 4487 Carbon_Dioxide>=sqrt(Body_Mass_Index)*mean_Pain_severity___0_10_verbal_numeric_rating___Score___Reported
 4488 Carbon_Dioxide>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count*log(Low_Density_Lipoprotein_Cholesterol)/log(10)
 4489 Carbon_Dioxide>=Leukocytes___volume__in_Blood_by_Automated_count+active_conditions
 4490 Carbon_Dioxide>=sqrt(encounters_lifetime_perc_covered)*mean_Carbon_Dioxide
 4491 Carbon_Dioxide>=log(encounters_lifetime_perc_covered)^procedures_lifetime
 4492 Carbon_Dioxide>=Hemoglobin__Mass_volume__in_Blood+Leukocytes___volume__in_Blood_by_Automated_count-1
 4493 Carbon_Dioxide>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*active_care_plans
 4494
 Carbon_Dioxide>=Hemoglobin__Mass_volume__in_Blood*sqrt(immunizations_lifetime)
 4495 Carbon_Dioxide>=mean_Carbon_Dioxide/active_care_plans
 4496 Carbon_Dioxide>=minimum(device_lifetime_length,mean_Carbon_Dioxide)
 4497 Carbon_Dioxide>=mean_Carbon_Dioxide-medications_lifetime
 4498 Carbon_Dioxide>=sqrt(medications_lifetime_dispenses)/active_care_plans
 4499 Carbon_Dioxide>=log(medications_active)*mean_Carbon_Dioxide/log(10)
 4500 Carbon_Dioxide>=floor(Hemoglobin__Mass_volume__in_Blood)/mean_Creatinine
 4501 Carbon_Dioxide>=(Body_Mass_Index-1)/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 4502 Carbon_Dioxide>=Body_Mass_Index-mean_Respiratory_rate+1
 4503 Carbon_Dioxide>=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood/Creatinine
 4504 Total_Cholesterol<=healthcare_expenses
 4505 Total_Cholesterol<=2*Triglycerides-medications_lifetime_perc_covered
 4506 Total_Cholesterol<=Glucose+2*Heart_rate
 4507 Total_Cholesterol<=2*Potassium*mean_Body_Mass_Index
 4508 Total_Cholesterol<=active_care_plan_length+mean_Total_Cholesterol
 4509
 Total_Cholesterol<=maximum(mean_Total_Cholesterol,1/imaging_studies_lifetime)

4510 $\text{Total_Cholesterol} \leq \text{healthcare_coverage} + \text{mean_Total_Cholesterol}$
 4511 $\text{Total_Cholesterol} \leq (\text{Potassium} - 1) * \text{Low_Density_Lipoprotein_Cholesterol}$
 4512 $\text{Total_Cholesterol} \leq \text{mean_Total_Cholesterol}^{\text{active_conditions}}$
 4513 $\text{Total_Cholesterol} \leq \text{Respiratory_rate}^2 - \text{longitude}$
 4514 $\text{Total_Cholesterol} \leq \text{ceil}(\text{mean_Creatinine}) * \text{mean_Total_Cholesterol}$
 4515 $\text{Total_Cholesterol} \leq 10^{\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}} * \text{mean_Total_Cholesterol}$
 4516 $\text{Total_Cholesterol} \leq \text{mean_Total_Cholesterol} + \text{medications_lifetime}$
 4517 $\text{Total_Cholesterol} \leq \text{mean_Total_Cholesterol} + \text{procedures_lifetime_cost}$
 4518 $\text{Total_Cholesterol} \leq \log(\text{MCH_Entitic_mass_by_Automated_count}) + \text{mean_Total_Cholesterol}$
 4519 $\text{Total_Cholesterol} \leq \text{maximum}(\text{medications_lifetime_dispenses}, \text{mean_Total_Cholesterol})$
 4520 $\text{Total_Cholesterol} \leq \text{maximum}(\text{mean_Total_Cholesterol}, \text{medications_lifetime}^2)$
 4521 $\text{Total_Cholesterol} \leq \text{mean_Total_Cholesterol} / \text{QOLS}$
 4522
 $\text{Total_Cholesterol} \leq \text{maximum}(\text{medications_lifetime_cost}, \text{mean_Total_Cholesterol})$
 4523 $\text{Total_Cholesterol} \leq \text{active_conditions} + \text{ceil}(\text{Platelet_distribution_width_Entitic_volume_in_Blood_by_Automated_count})$
 4524 $\text{Total_Cholesterol} \leq e^{\text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count}} / \text{mean_High_Density_Lipoprotein_Cholesterol}$
 4525 $\text{Total_Cholesterol} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} * \text{Low_Density_Lipoprotein_Cholesterol}$
 4526 $\text{Total_Cholesterol} \leq \text{mean_Potassium}^{\text{Leukocytes_volume_in_Blood_by_Automated_count}}$
 4527
 $\text{Total_Cholesterol} \leq \text{Protein_Mass_volume_in_Serum}, \text{Plasma} * \sqrt{\text{Urea_Nitrogen}}$
 4528 $\text{Total_Cholesterol} \leq \text{Heart_rate} + 2 * \text{mean_Body_Weight}$
 4529 $\text{Total_Cholesterol} \leq \text{active_care_plan_length} * \text{ceil}(\text{Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum}, \text{Plasma})$
 4530 $\text{Total_Cholesterol} \leq \text{maximum}(\text{mean_Total_Cholesterol}, e^{\text{active_conditions}})$
 4531 $\text{Total_Cholesterol} \leq \text{maximum}(\text{mean_Total_Cholesterol}, 1/2 * \text{medications_lifetime_dispenses})$
 4532
 $\text{Total_Cholesterol} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} * \text{floor}(\text{mean_Glucose})$
 4533 $\text{Total_Cholesterol} \leq \text{Microalbumin_Creatinine_Ratio}^2 * \text{active_conditions}$
 4534 $\text{Total_Cholesterol} \leq 1 / \text{device_lifetime_length} + \text{mean_Total_Cholesterol}$
 4535 $\text{Total_Cholesterol} \leq \text{maximum}(\text{mean_Total_Cholesterol}, \text{encounters_count}^2)$
 4536 $\text{Total_Cholesterol} \leq 10^{\text{QOLS} * \text{Body_Height}}$
 4537 $\text{Total_Cholesterol} \leq 2 * \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} * \text{QALY}$
 4538 $\text{Total_Cholesterol} \leq \text{Respiratory_rate}^2 + \text{Heart_rate}$
 4539 $\text{Total_Cholesterol} \leq \text{Body_Mass_Index} * \sqrt{\text{mean_Heart_rate}}$
 4540 $\text{Total_Cholesterol} \leq e^{\text{Calcium} / \text{Carbon_Dioxide}}$
 4541
 $\text{Total_Cholesterol} \leq 2 * \text{Body_Mass_Index} * \text{mean_Albumin_Mass_volume_in_Serum}, \text{Plasma}$
 4542 $\text{Total_Cholesterol} \leq (\text{Albumin_Mass_volume_in_Serum}, \text{Plasma} + 1)^{\text{mean_Albumin_Mass_volume_in_Serum}, \text{Plasma}}$
 4543 $\text{Total_Cholesterol} \leq 2 * \text{Aspartate_aminotransferase_Enzymatic_activity_volume_}$

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_in_Serum,Plasma+Body_Height
4544 Total_Cholesterol<=2*mean_Calcium+mean_Total_Cholesterol
4545 Total_Cholesterol>=latitude
4546 Total_Cholesterol>=minimum(mean_Total_Cholesterol,e^medications_active)
4547 Total_Cholesterol>=minimum(mean_Total_Cholesterol,1/2*Estimated_Glomerular_
Filtration_Rate)
4548 Total_Cholesterol>=2*Glucose-mean_Low_Density_Lipoprotein_Cholesterol
4549 Total_Cholesterol>=mean_Total_Cholesterol-medications_lifetime
4550 Total_Cholesterol>=Urea_Nitrogen+mean_Low_Density_Lipoprotein_Cholesterol+1
4551 Total_Cholesterol>=Respiratory_rate*floor(Platelet_mean_volume__Entitic_vol
ume__in_Blood_by_Automated_count)
4552 Total_Cholesterol>=-healthcare_expenses
4553 Total_Cholesterol>=-Urea_Nitrogen+1/2*encounters_count
4554 Total_Cholesterol>=-Low_Density_Lipoprotein_Cholesterol+lifetime_care_plan_
length+1
4555 Total_Cholesterol>=(1/encounters_lifetime_perc_covered)^Pain_severity___0_1
0_verbal_numeric_rating_Score___Reported
4556 Total_Cholesterol>=minimum(mean_Total_Cholesterol,mean_Urea_Nitrogen)
4557 Total_Cholesterol>=(Hematocrit__Volume_Fraction__of_Blood_by_Automated_coun
t+1)/encounters_lifetime_perc_covered
4558 Total_Cholesterol>=Diastolic_Blood_Pressure^Bilirubin_total__Mass_volume__i
n_Serum,Plasma
4559 Total_Cholesterol>=-mean_Estimated_Glomerular_Filtration_Rate+mean_Total_Ch
olesterol
4560 Total_Cholesterol>=floor(Body_Mass_Index)*mean_Creatinine
4561 Total_Cholesterol>=healthcare_expenses^longitude
4562 Total_Cholesterol>=active_condition_length*log(lifetime_condition_length)/l
og(10)
4563 Total_Cholesterol>=Estimated_Glomerular_Filtration_Rate+ceil(active_care_pl
an_length)
4564 Total_Cholesterol>=encounters_count-mean_Microalbumin_Creatinine_Ratio+1
4565 Total_Cholesterol>=mean_Total_Cholesterol/active_conditions
4566 Total_Cholesterol>=(DALY+1)/QOLS
4567 Total_Cholesterol>=procedures_lifetime^2+Platelet_mean_volume__Entitic_volu
me__in_Blood_by_Automated_count
4568 Total_Cholesterol>=10^e^medications_lifetime_perc_covered
4569 Total_Cholesterol>=mean_Total_Cholesterol^QOLS
4570 Total_Cholesterol>=mean_Total_Cholesterol^num_allergies
4571 Total_Cholesterol>=minimum(latitude,10^healthcare_expenses)
4572 Total_Cholesterol>=1/2*High_Density_Lipoprotein_Cholesterol/QOLS
4573 Total_Cholesterol>=2*Heart_rate-mean_Estimated_Glomerular_Filtration_Rate
4574 Total_Cholesterol>=1/2*Platelets___volume__in_Blood_by_Automated_count*med
ications_lifetime_perc_covered
4575 Total_Cholesterol>=(Body_Mass_Index+1)/encounters_lifetime_perc_covered
4576 Total_Cholesterol>=minimum(mean_Total_Cholesterol,1/2*Hemoglobin_A1c_Hemogl
obin_total_in_Blood)
4577 Total_Cholesterol>=1/2*Chloride+mean_Chloride
4578 Total_Cholesterol>=-healthcare_coverage+mean_Total_Cholesterol

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4579 $\text{Total_Cholesterol} \geq \text{Sodium} + 2 * \text{active_conditions}$
 4580 $\text{Urea_Nitrogen} \leq \text{healthcare_expenses}$
 4581 $\text{Urea_Nitrogen} \leq \text{maximum}(\text{mean_Urea_Nitrogen}, e^{\text{active_conditions}})$
 4582 $\text{Urea_Nitrogen} \leq (\text{Chloride} - 1) / \text{active_care_plans}$
 4583 $\text{Urea_Nitrogen} \leq e^{\text{encounters_lifetime_perc_covered}} * \text{mean_Urea_Nitrogen}$
 4584 $\text{Urea_Nitrogen} \leq \text{maximum}(\text{encounters_count}, \text{mean_Urea_Nitrogen})$
 4585 $\text{Urea_Nitrogen} \leq \text{Body_Mass_Index} - \text{medications_active}$
 4586 $\text{Urea_Nitrogen} \leq \text{mean_Urea_Nitrogen} / \text{encounters_lifetime_perc_covered}$
 4587 $\text{Urea_Nitrogen} \leq \text{floor}(2 * \text{Platelet_mean_volume_Entitic_volume_in_Blood_by_Automated_count})$
 4588 $\text{Urea_Nitrogen} \leq \text{Hemoglobin_Mass_volume_in_Blood} + 1/2 * \text{Respiratory_rate}$
 4589 $\text{Urea_Nitrogen} \leq 2 * \text{lifetime_care_plan_length} / \text{Leukocytes_volume_in_Blood_by_Automated_count}$
 4590 $\text{Urea_Nitrogen} \leq \text{maximum}(\text{mean_Urea_Nitrogen}, 2 * \text{medications_lifetime})$
 4591 $\text{Urea_Nitrogen} \leq \log(\text{age}) * \text{mean_Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma} / \log(10)$
 4592 $\text{Urea_Nitrogen} \leq 10^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}} * \text{mean_Urea_Nitrogen}$
 4593 $\text{Urea_Nitrogen} \leq \text{maximum}(\text{active_condition_length}, \text{mean_Urea_Nitrogen})$
 4594 $\text{Urea_Nitrogen} \leq \text{healthcare_coverage} + \text{mean_Urea_Nitrogen}$
 4595 $\text{Urea_Nitrogen} \leq \text{DALY} + \text{Microalbumin_Creatinine_Ratio} + 1$
 4596 $\text{Urea_Nitrogen} \leq \text{maximum}(\text{Heart_rate}, \text{mean_Urea_Nitrogen})$
 4597 $\text{Urea_Nitrogen} \leq \text{Body_Height} - \text{Systolic_Blood_Pressure} - 1$
 4598 $\text{Urea_Nitrogen} \leq \text{maximum}(\text{mean_Urea_Nitrogen}, \text{DALY}^2)$
 4599 $\text{Urea_Nitrogen} \leq \text{Hemoglobin_A1c_Hemoglobin_total_in_Blood}^2 / \text{num_allergies}$
 4600 $\text{Urea_Nitrogen} \leq (\log(\text{Alanine_aminotransferase_Enzymatic_activity_volume_in_Serum, Plasma}) / \log(10))^{\text{mean_Urea_Nitrogen}}$
 4601 $\text{Urea_Nitrogen} \leq \log(\text{encounters_lifetime_perc_covered}) * \text{longitude}$
 4602 $\text{Urea_Nitrogen} \leq \text{maximum}(\text{mean_Urea_Nitrogen}, \text{active_conditions}^2)$
 4603 $\text{Urea_Nitrogen} \leq \text{QALY} - \text{active_conditions} - 1$
 4604 $\text{Urea_Nitrogen} \leq 10^{\text{Albumin_Mass_volume_in_Serum, Plasma} / \text{encounters_count}}$
 4605 $\text{Urea_Nitrogen} \leq (\text{Heart_rate} - 1) / \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}$
 4606 $\text{Urea_Nitrogen} \leq \text{active_conditions} + \text{mean_Urea_Nitrogen} - 1$
 4607 $\text{Urea_Nitrogen} \leq \text{maximum}(\text{mean_Urea_Nitrogen}, e^{\text{DALY}})$
 4608 $\text{Urea_Nitrogen} \leq 10^{\text{medications_active} * \text{Estimated_Glomerular_Filtration_Rate}}$
 4609 $\text{Urea_Nitrogen} \leq 2 * \text{Glucose} / \text{lifetime_care_plans}$
 4610 $\text{Urea_Nitrogen} \leq \text{Triglycerides} - \text{age} - 1$
 4611 $\text{Urea_Nitrogen} \leq (2 * \text{Diastolic_Blood_Pressure})^{\text{Creatinine}}$
 4612 $\text{Urea_Nitrogen} \leq \text{ceil}(\text{MCV_Entitic_volume_by_Automated_count}) * \text{encounters_lifetime_perc_covered}$
 4613 $\text{Urea_Nitrogen} \leq \text{floor}(\text{Low_Density_Lipoprotein_Cholesterol}) - \text{latitude}$
 4614 $\text{Urea_Nitrogen} \leq 10^{(10^{\text{QOLS}})}$
 4615 $\text{Urea_Nitrogen} \leq \text{floor}(\text{Low_Density_Lipoprotein_Cholesterol}) / \text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}$
 4616 $\text{Urea_Nitrogen} \leq (\text{MCH_Entitic_mass_by_Automated_count} - 1) * \text{mean_Creatinine}$
 4617 $\text{Urea_Nitrogen} \leq \text{Carbon_Dioxide}^2 / \text{mean_Carbon_Dioxide}$
 4618 $\text{Urea_Nitrogen} \leq \text{Respiratory_rate}^2 - \text{mean_Glucose}$

4619 Urea_Nitrogen<=10^Potassium/Platelets___volume__in_Blood_by_Automated_count
4620 Urea_Nitrogen<=Carbon_Dioxide-
mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
4621 Urea_Nitrogen<=mean_Urea_Nitrogen/encounters_lifetime_perc_covered
4622 Urea_Nitrogen<=minimum(QALY,Glomerular_filtration_rate_1_73_sq_M_predicted)
4623 Urea_Nitrogen<=maximum(mean_Urea_Nitrogen,10^DALY)
4624 Urea_Nitrogen<=(active_care_plans+1)*mean_Calcium
4625 Urea_Nitrogen<=-DALY+Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
4626 Urea_Nitrogen<=(log(Carbon_Dioxide)/log(10))^mean_Urea_Nitrogen
4627 Urea_Nitrogen<=e^Glomerular_filtration_rate_1_73_sq_M_predicted/mean_Carbon
_Dioxide
4628 Urea_Nitrogen<=log(Albumin__Mass_volume__in_Serum,Plasma)^Respiratory_rate
4629 Urea_Nitrogen<=e^active_conditions/Microalbumin_Creatinine_Ratio
4630 Urea_Nitrogen<=-QALY+mean_Low_Density_Lipoprotein_Cholesterol
4631 Urea_Nitrogen<=mean_Urea_Nitrogen^active_conditions
4632 Urea_Nitrogen<=maximum(mean_Urea_Nitrogen,active_care_plan_length+1)
4633 Urea_Nitrogen>=longitude
4634 Urea_Nitrogen>=2*mean_Potassium-2
4635 Urea_Nitrogen>=floor(QOLS)*mean_Urea_Nitrogen
4636 Urea_Nitrogen>=-Globulin__Mass_volume__in_Serum_by_calculation+mean_Urea_Ni
trogen
4637 Urea_Nitrogen>=mean_Urea_Nitrogen-procedures_lifetime_cost
4638 Urea_Nitrogen>=-healthcare_coverage+mean_Urea_Nitrogen
4639 Urea_Nitrogen>=minimum(Platelet_distribution_width__Entitic_volume__in_Bloo
d_by_Automated_count,2*medications_active)
4640 Urea_Nitrogen>=sqrt(Low_Density_Lipoprotein_Cholesterol)-Hemoglobin_A1c_Hem
oglobin_total_in_Blood
4641 Urea_Nitrogen>=minimum(Creatinine,Glomerular_filtration_rate_1_73_sq_M_pred
icted)
4642 Urea_Nitrogen>=10^Bilirubin_total__Mass_volume__in_Serum,Plasma
4643 Urea_Nitrogen>=2*Creatinine-procedures_lifetime
4644 Urea_Nitrogen>=-healthcare_expenses
4645 Urea_Nitrogen>=Body_Mass_Index-Carbon_Dioxide
4646 Urea_Nitrogen>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*sqrt(acti
ve_conditions)
4647 Urea_Nitrogen>=log(High_Density_Lipoprotein_Cholesterol)/(QOLS*log(10))
4648 Urea_Nitrogen>=mean_Urea_Nitrogen/active_conditions
4649 Urea_Nitrogen>=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood-
immunizations_lifetime_cost
4650 Urea_Nitrogen>=healthcare_expenses^longitude
4651 Urea_Nitrogen>=-active_conditions+mean_Urea_Nitrogen
4652 Urea_Nitrogen>=mean_Urea_Nitrogen-medications_lifetime
4653 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,e^immunizations_lifetime)
4654 Urea_Nitrogen>=2*Calcium-Estimated_Glomerular_Filtration_Rate
4655 Urea_Nitrogen>=-Low_Density_Lipoprotein_Cholesterol+age+1
4656


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Urea_Nitrogen>=10^num_allergies+Globulin__Mass_volume__in_Serum_by_calculation
4657 Urea_Nitrogen>=2*latitude/Microalbumin_Creatinine_Ratio
4658 Urea_Nitrogen>=(lifetime_care_plans-1)/Creatinine
4659 Urea_Nitrogen>=minimum(device_lifetime_length,2*Creatinine)
4660 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,10^imaging_studies_lifetime)
4661 Urea_Nitrogen>=minimum(DALY,sqrt(QALY))
4662 Urea_Nitrogen>=ceil(1/2*mean_Urea_Nitrogen)
4663 Urea_Nitrogen>=e^Potassium/Hemoglobin__Mass_volume__in_Blood
4664 Urea_Nitrogen>=(10^healthcare_expenses)^longitudinality
4665 Urea_Nitrogen>=1/2*procedures_lifetime_cost/encounters_lifetime_total_cost
4666 Urea_Nitrogen>=log(healthcare_expenses)/Prostate_specific_Ag__Mass_volume__
in_Serum,Plasma
4667 Urea_Nitrogen>=Glucose-mean_Glucose-1
4668 Urea_Nitrogen>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+2*Pain_severi
ty___0_10_verbal_numeric_rating__Score____Reported
4669 Urea_Nitrogen>=1/2*Pain_severity___0_10_verbal_numeric_rating__Score____Rep
orted*medications_active
4670 Urea_Nitrogen>=Systolic_Blood_Pressure-mean_Systolic_Blood_Pressure-1
4671 Urea_Nitrogen>=(log(Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma)/log(10))^active_care_plans
4672
Urea_Nitrogen>=(medications_lifetime+1)/MCH__Entitic_mass__by_Automated_count
4673 Urea_Nitrogen>=minimum(medications_active,mean_Urea_Nitrogen)
4674 Urea_Nitrogen>=-Respiratory_rate+1/2*latitude
4675 Urea_Nitrogen>=Hemoglobin__Mass_volume__in_Blood-
immunizations_lifetime_cost
4676 Urea_Nitrogen>=-Heart_rate+1/2*Low_Density_Lipoprotein_Cholesterol
4677 Urea_Nitrogen>=log(Hemoglobin__Mass_volume__in_Blood)/encounters_lifetime_p
erc_covered
4678 Urea_Nitrogen>=mean_Urea_Nitrogen/active_care_plans
4679 Urea_Nitrogen>=sqrt(Microalbumin_Creatinine_Ratio)*medications_lifetime_per
c_covered
4680 Urea_Nitrogen>=log(Microalbumin_Creatinine_Ratio)/(encounters_lifetime_perc
_covered*log(10))
4681 Urea_Nitrogen>=minimum(mean_Urea_Nitrogen,1/2*Hemoglobin_A1c_Hemoglobin_tot
al_in_Blood)
4682 Urea_Nitrogen>=log(FEV1_FVC)^immunizations_lifetime
4683 Urea_Nitrogen>=sqrt(Microalbumin_Creatinine_Ratio)/active_care_plans
4684 Urea_Nitrogen>=MCV__Entitic_volume__by_Automated_count-
mean_Diastolic_Blood_Pressure
4685 Urea_Nitrogen>=sqrt(lifetime_care_plan_length)-Prostate_specific_Ag__Mass_v
olume__in_Serum,Plasma
4686 Urea_Nitrogen>=floor(Erythrocytes____volume__in_Blood_by_Automated_count)+p
rocedures_lifetime
4687 Calcium<=healthcare_expenses
4688 Calcium<=healthcare_coverage+mean_Calcium
4689 Calcium<=e^Urea_Nitrogen/Body_Height
4690 Calcium<=Creatinine^2+mean_Calcium

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4691 Calcium<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 4692 Calcium<=1/2*Carbon_Dioxide-medications_lifetime_perc_covered
 4693 Calcium<=-MCH__Entitic_mass__by_Automated_count+floor(latitude)
 4694 Calcium<=log(Urea_Nitrogen)/log(10)+mean_Calcium
 4695 Calcium<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Bilirubin_total__Mass_volume__in_Serum,Plasma
 4696 Calcium<=mean_Calcium+procedures_lifetime
 4697 Calcium<=mean_Calcium/QOLS
 4698 Calcium<=e^lifetime_conditions/Estimated_Glomerular_Filtration_Rate
 4699 Calcium<=maximum(Triglycerides,mean_Calcium)
 4700 Calcium<=Glomerular_filtration_rate_1_73_sq_M_predicted+Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 4701 Calcium<=maximum(Respiratory_rate,mean_Calcium)
 4702 Calcium<=mean_Calcium+medications_lifetime
 4703 Calcium<=maximum(mean_Calcium,mean_Urea_Nitrogen)
 4704 Calcium<=Urea_Nitrogen*log(Hemoglobin__Mass_volume__in_Blood)/log(10)
 4705 Calcium<=2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 4706 Calcium<=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted+immunizations_lifetime_cost
 4707 Calcium<=mean_Calcium+mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 4708 Calcium<=maximum(mean_Calcium,e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 4709 Calcium<=maximum(active_care_plan_length,mean_Calcium)
 4710 Calcium<=ceil(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)/Creatinine
 4711 Calcium<=maximum(mean_Calcium,sqrt(Chloride))
 4712 Calcium<=log(Total_Cholesterol^2)
 4713 Calcium<=Urea_Nitrogen/Bilirubin_total__Mass_volume__in_Serum,Plasma
 4714 Calcium<=mean_Glucose/lifetime_care_plans
 4715 Calcium<=Leukocytes___volume__in_Blood_by_Automated_count*log(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)/log(10)
 4716 Calcium<=10^(10^Pain_severity___0_10_verbal_numeric_rating__Score___Reported)
 4717 Calcium<=(active_care_plan_length+1)/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
 4718 Calcium<=mean_Calcium^active_conditions
 4719 Calcium<=maximum(medications_lifetime_length,mean_Calcium)
 4720 Calcium<=e^Albumin__Mass_volume__in_Serum,Plasma/mean_Albumin__Mass_volume__in_Serum,Plasma
 4721 Calcium<=maximum(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma,2*Albumin__Mass_volume__in_Serum,Plasma)
 4722 Calcium<=log(Erythrocytes___volume__in_Blood_by_Automated_count)/log(10)+mean_Calcium
 4723 Calcium<=maximum(mean_Calcium,2*lifetime_conditions)
 4724 Calcium<=Body_Mass_Index-lifetime_conditions-1
 4725 Calcium<=sqrt(Systolic_Blood_Pressure)-medications_lifetime_perc_covered

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4726 Calcium<=(log(Low_Density_Lipoprotein_Cholesterol)/log(10))^Potassium
4727 Calcium>=longitude
4728 Calcium>=minimum(medications_active,mean_Calcium)
4729 Calcium>=mean_Calcium-1
4730 Calcium>=1/2*DALY-active_conditions
4731 Calcium>=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)^Bilirubin_total__Mass
    _volume__in_Serum,Plasma
4732 Calcium>=sqrt(-longitude)
4733 Calcium>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported*log(
Heart_rate)/log(10)
4734
Calcium>=-DALY+Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
4735
Calcium>=Bilirubin_total__Mass_volume__in_Serum,Plasma+lifetime_care_plans+1
4736 Calcium>=mean_Calcium^QOLS
4737 Calcium>=-healthcare_expenses
4738 Calcium>=healthcare_expenses^longitude
4739 Calcium>=2*medications_lifetime/Total_Cholesterol
4740
Calcium>=minimum(Leukocytes____volume__in_Blood_by_Automated_count,sqrt(age))
4741 Calcium>=mean_Calcium/active_care_plans
4742 Calcium>=2*Albumin__Mass_volume__in_Serum,Plasma-
Pain_severity___0_10_verbal_numeric_rating__Score____Reported
4743 Calcium>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+QOLS+1
4744 Calcium>=sqrt(QOLS)*mean_Calcium
4745 Calcium>=(medications_lifetime+1)/mean_Glucose
4746 Calcium>=(2*medications_lifetime_perc_covered)^mean_Creatinine
4747 Calcium>=ceil(Body_Weight)/Platelet_mean_volume__Entitic_volume__in_Blood_b
    y_Automated_count
4748 Calcium>=log(lifetime_care_plan_length)/log(10)+mean_Hemoglobin_A1c_Hemoglo
    bin_total_in_Blood
4749
Calcium>=minimum(mean_Calcium,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
4750
Calcium>=Erythrocytes____volume__in_Blood_by_Automated_count+mean_Creatinine
4751 Calcium>=(DALY-1)^num_allergies
4752 Calcium>=mean_Calcium^num_allergies
4753
Calcium>=Globulin__Mass_volume__in_Serum_by_calculation+2*immunizations_lifetime
4754 Calcium>=minimum(Leukocytes____volume__in_Blood_by_Automated_count,Platelet
    _mean_volume__Entitic_volume__in_Blood_by_Automated_count-1)
4755 Calcium>=-Body_Mass_Index+MCHC__Mass_volume__by_Automated_count+1
4756 Calcium>=mean_Calcium/active_conditions
4757 Calcium>=Urea_Nitrogen^encounters_lifetime_perc_covered
4758 Calcium>=(MCH__Entitic_mass__by_Automated_count+1)/Leukocytes____volume__in
    _Blood_by_Automated_count
4759
Calcium>=Bilirubin_total__Mass_volume__in_Serum,Plasma+1/2*lifetime_conditions

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4760 Calcium>=QOLS*floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count)
4761
Calcium>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count^QOLS
4762 Calcium>=Globulin_Mass_volume__in_Serum_by_calculation+ceil(Albumin_Mass_
volume__in_Serum,Plasma)
4763 Calcium>=1/2*Respiratory_rate+1/2
4764
Calcium>=-Leukocytes___volume__in_Blood_by_Automated_count+active_conditions+1
4765 Calcium>=log(healthcare_expenses)^medications_lifetime_perc_covered
4766 Calcium>=-healthcare_coverage+mean_Calcium
4767 Calcium>=mean_Calcium-medications_lifetime
4768 Calcium>=floor(age)-mean_Diastolic_Blood_Pressure
4769
Calcium>=sqrt(Globulin_Mass_volume__in_Serum_by_calculation)*mean_Potassium
4770 Calcium>=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Pain_severity___0_10_verb
al_numeric_rating__Score___Reported-1
4771 Calcium>=(10^healthcare_expenses)^longitude
4772 Calcium>=-active_care_plans+ceil(Platelet_mean_volume__Entitic_volume__in_B
lood_by_Automated_count)
4773
Calcium>=Bilirubin_total__Mass_volume__in_Serum,Plasma+1/2*active_conditions
4774 Calcium>=sqrt(Pain_severity___0_10_verbal_numeric_rating__Score___Reported
)/encounters_lifetime_perc_covered
4775 Calcium>=minimum(mean_Calcium,1/QOLS)
4776 Calcium>=(active_conditions+1)/active_care_plans
4777 Calcium>=(DALY-1)^encounters_lifetime_perc_covered
4778 Calcium>=imaging_studies_lifetime+log(Chloride)
4779 Calcium>=minimum(mean_Calcium,immunizations_lifetime^2)
4780 Calcium>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-mean_Estimated_Glomerul
ar_Filtration_Rate
4781 Calcium>=log(Total_score_MMSE_)^immunizations_lifetime
4782 Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses
4783 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(Urea_Nitrogen,mean_
Glomerular_filtration_rate_1_73_sq_M_predicted)
4784 Glomerular_filtration_rate_1_73_sq_M_predicted<=mean_Glomerular_filtration_
rate_1_73_sq_M_predicted/num_allergies
4785 Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(latitude,mean_Glome
rular_filtration_rate_1_73_sq_M_predicted)
4786 Glomerular_filtration_rate_1_73_sq_M_predicted<=minimum(healthcare_expenses
,sqrt(mean_Protein_Mass_volume__in_Urine_by_Test_strip))
4787 Glomerular_filtration_rate_1_73_sq_M_predicted<=minimum(healthcare_expenses
,e^mean_Weight_difference__Mass_difference___pre_dialysis___post_dialysis)
4788 Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_coverage+mean_Gl
omerular_filtration_rate_1_73_sq_M_predicted
4789 Glomerular_filtration_rate_1_73_sq_M_predicted>=longitude
4790 Glomerular_filtration_rate_1_73_sq_M_predicted>=minimum(mean_Glomerular_fil
tration_rate_1_73_sq_M_predicted,mean_Bilirubin_total__Mass_volume__in_Urine_by_

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Test_strip)

4791 Glomerular_filtration_rate_1_73_sq_M_predicted>=-Bilirubin_total__Mass_volu
me__in_Serum,Plasma+active_care_plans

4792

Glomerular_filtration_rate_1_73_sq_M_predicted>=healthcare_expenses^longitude

4793 Glomerular_filtration_rate_1_73_sq_M_predicted>=floor(device_lifetime_lengt
h)/medications_active

4794 Glomerular_filtration_rate_1_73_sq_M_predicted>=-healthcare_expenses

4795 Glomerular_filtration_rate_1_73_sq_M_predicted>=-healthcare_coverage+mean_G
lomerular_filtration_rate_1_73_sq_M_predicted

4796 Glomerular_filtration_rate_1_73_sq_M_predicted>=mean_Glomerular_filtration_
rate_1_73_sq_M_predicted-procedures_lifetime

4797 Glomerular_filtration_rate_1_73_sq_M_predicted>=mean_Glomerular_filtration_
rate_1_73_sq_M_predicted^QOLS

4798 Glomerular_filtration_rate_1_73_sq_M_predicted>=medications_active^2+QOLS

4799 Glomerular_filtration_rate_1_73_sq_M_predicted>=(10^healthcare_expenses)^lo
ngitude

4800 Glomerular_filtration_rate_1_73_sq_M_predicted>=minimum(procedures_lifetime
,Urea_Nitrogen)

4801 Glomerular_filtration_rate_1_73_sq_M_predicted>=mean_Glomerular_filtration_
rate_1_73_sq_M_predicted^num_allergies

4802 Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses

4803 Globulin__Mass_volume__in_Serum_by_calculation<=-QOLS+ceil(Albumin__Mass_vo
lume__in_Serum,Plasma)

4804 Globulin__Mass_volume__in_Serum_by_calculation<=device_lifetime_length+mean_
_Globulin__Mass_volume__in_Serum_by_calculation

4805 Globulin__Mass_volume__in_Serum_by_calculation<=Alanine_aminotransferase__E
nzymatic_activity_volume__in_Serum,Plasma^2/Total_Cholesterol

4806 Globulin__Mass_volume__in_Serum_by_calculation<=maximum(active_care_plans,m
ean_Globulin__Mass_volume__in_Serum_by_calculation)

4807 Globulin__Mass_volume__in_Serum_by_calculation<=Creatinine+DALY

4808 Globulin__Mass_volume__in_Serum_by_calculation<=mean_Globulin__Mass_volume_
_in_Serum_by_calculation/num_allergies

4809 Globulin__Mass_volume__in_Serum_by_calculation<=maximum(Creatinine,Hemoglob
in_A1c_Hemoglobin_total_in_Blood)

4810 Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_coverage+mean_Gl
obulin__Mass_volume__in_Serum_by_calculation

4811 Globulin__Mass_volume__in_Serum_by_calculation>=longitude

4812 Globulin__Mass_volume__in_Serum_by_calculation>=Creatinine-
procedures_lifetime

4813 Globulin__Mass_volume__in_Serum_by_calculation>=mean_Globulin__Mass_volume_
_in_Serum_by_calculation-medications_lifetime_perc_covered

4814 Globulin__Mass_volume__in_Serum_by_calculation>=mean_Globulin__Mass_volume_
_in_Serum_by_calculation-procedures_lifetime

4815 Globulin__Mass_volume__in_Serum_by_calculation>=minimum(Creatinine,1/Biliru
bin_total__Mass_volume__in_Serum,Plasma)

4816 Globulin__Mass_volume__in_Serum_by_calculation>=-immunizations_lifetime+mea
n_Globulin__Mass_volume__in_Serum_by_calculation

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4817 Globulin__Mass_volume__in_Serum_by_calculation>=-healthcare_expenses
4818 Globulin__Mass_volume__in_Serum_by_calculation>=minimum(mean_Globulin__Mass
_volume__in_Serum_by_calculation,mean_Bilirubin_total__Mass_volume__in_Urine_by_
Test_strip)
4819 Globulin__Mass_volume__in_Serum_by_calculation>=-Pain_severity___0_10_verba
l_numeric_rating__Score____Reported+mean_Globulin__Mass_volume__in_Serum_by_calc
ulation
4820
Globulin__Mass_volume__in_Serum_by_calculation>=healthcare_expenses^longitude
4821 Globulin__Mass_volume__in_Serum_by_calculation>=minimum(device_lifetime_len
gth,Ketones__Mass_volume__in_Urine_by_Test_strip+1)
4822 Globulin__Mass_volume__in_Serum_by_calculation>=minimum(DALY,1/2*Potassium)
4823 Globulin__Mass_volume__in_Serum_by_calculation>=(10^healthcare_expenses)^lo
ngitude
4824 Globulin__Mass_volume__in_Serum_by_calculation>=-healthcare_coverage+mean_G
lobulin__Mass_volume__in_Serum_by_calculation
4825 Globulin__Mass_volume__in_Serum_by_calculation>=Creatinine^num_allergies
4826 Globulin__Mass_volume__in_Serum_by_calculation>=mean_Globulin__Mass_volume_
_in_Serum_by_calculation^num_allergies
4827 Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses
4828 Albumin__Mass_volume__in_Serum,Plasma<=maximum(active_care_plans,mean_Album
in__Mass_volume__in_Serum,Plasma)
4829 Albumin__Mass_volume__in_Serum,Plasma<=healthcare_coverage+mean_Albumin__Ma
ss_volume__in_Serum,Plasma
4830 Albumin__Mass_volume__in_Serum,Plasma<=floor(Glomerular_filtration_rate_1_7
3_sq_M_predicted)
4831 Albumin__Mass_volume__in_Serum,Plasma<=mean_Albumin__Mass_volume__in_Serum,
Plasma/num_allergies
4832 Albumin__Mass_volume__in_Serum,Plasma<=maximum(Creatinine,mean_Albumin__Mas
s_volume__in_Serum,Plasma)
4833 Albumin__Mass_volume__in_Serum,Plasma<=ceil(mean_Albumin__Mass_volume__in_S
erum,Plasma)
4834 Albumin__Mass_volume__in_Serum,Plasma<=maximum(procedures_lifetime,mean_Alb
umin__Mass_volume__in_Serum,Plasma)
4835 Albumin__Mass_volume__in_Serum,Plasma<=mean_Total_Cholesterol/device_lifeti
me_length
4836 Albumin__Mass_volume__in_Serum,Plasma<=maximum(mean_Pain_severity___0_10_ve
rbal_numeric_rating__Score____Reported,1/device_lifetime_length)
4837 Albumin__Mass_volume__in_Serum,Plasma>=longitude
4838 Albumin__Mass_volume__in_Serum,Plasma>=minimum(mean_Albumin__Mass_volume__i
n_Serum,Plasma,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
4839 Albumin__Mass_volume__in_Serum,Plasma>=encounters_count/ceil(mean_Systolic_
Blood_Pressure)
4840 Albumin__Mass_volume__in_Serum,Plasma>=imaging_studies_lifetime+1
4841 Albumin__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
4842 Albumin__Mass_volume__in_Serum,Plasma>=ceil(sqrt(Creatinine))
4843 Albumin__Mass_volume__in_Serum,Plasma>=-1/2*Hemoglobin_A1c_Hemoglobin_total
_in_Blood+Pain_severity___0_10_verbal_numeric_rating__Score____Reported

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4844 Albumin__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
 4845 Albumin__Mass_volume__in_Serum,Plasma>=immunizations_lifetime+1
 4846 Albumin__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 4847 Albumin__Mass_volume__in_Serum,Plasma>=mean_Albumin__Mass_volume__in_Serum,
 Plasma-medications_lifetime_perc_covered
 4848 Albumin__Mass_volume__in_Serum,Plasma>=mean_Albumin__Mass_volume__in_Serum,
 Plasma^QOLS
 4849 Albumin__Mass_volume__in_Serum,Plasma>=mean_Albumin__Mass_volume__in_Serum,
 Plasma-procedures_lifetime
 4850 Albumin__Mass_volume__in_Serum,Plasma>=-Pain_severity__0_10_verbal_numeric
 _rating__Score____Reported+mean_Albumin__Mass_volume__in_Serum,Plasma
 4851 Albumin__Mass_volume__in_Serum,Plasma>=-healthcare_coverage+mean_Albumin__M
 ass_volume__in_Serum,Plasma
 4852 Albumin__Mass_volume__in_Serum,Plasma>=Globulin__Mass_volume__in_Serum_by_c
 alculatation+num_allergies
 4853 Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses
 4854 Protein__Mass_volume__in_Serum,Plasma<=mean_Protein__Mass_volume__in_Serum,
 Plasma
 4855 Protein__Mass_volume__in_Serum,Plasma<=-DALY+ceil(mean_Chloride)
 4856
 Protein__Mass_volume__in_Serum,Plasma<=floor(Body_Height)-procedures_lifetime
 4857 Protein__Mass_volume__in_Serum,Plasma<=Alkaline_phosphatase__Enzymatic_acti
 vity_volume__in_Serum,Plasma+1/2*Low_Density_Lipoprotein_Cholesterol
 4858 Protein__Mass_volume__in_Serum,Plasma>=latitude
 4859 Protein__Mass_volume__in_Serum,Plasma>=minimum(Glomerular_filtration_rate_1
 _73_sq_M_predicted,mean_Protein__Mass_volume__in_Serum,Plasma)
 4860 Protein__Mass_volume__in_Serum,Plasma>=minimum(QALY,mean_Protein__Mass_volu
 me__in_Serum,Plasma)
 4861 Protein__Mass_volume__in_Serum,Plasma>=-healthcare_coverage+mean_Protein__M
 ass_volume__in_Serum,Plasma
 4862 Protein__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
 4863 Protein__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
 4864 Protein__Mass_volume__in_Serum,Plasma>=mean_Protein__Mass_volume__in_Serum,
 Plasma-procedures_lifetime
 4865 Protein__Mass_volume__in_Serum,Plasma>=minimum(mean_Protein__Mass_volume__i
 n_Serum,Plasma,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
 4866 Protein__Mass_volume__in_Serum,Plasma>=mean_Protein__Mass_volume__in_Serum,
 Plasma^QOLS
 4867
 Protein__Mass_volume__in_Serum,Plasma>=minimum(latitude,10^healthcare_expenses)
 4868 Protein__Mass_volume__in_Serum,Plasma>=Diastolic_Blood_Pressure-
 Glomerular_filtration_rate_1_73_sq_M_predicted-1
 4869 Protein__Mass_volume__in_Serum,Plasma>=active_conditions*log(latitude)
 4870 Protein__Mass_volume__in_Serum,Plasma>=(Pain_severity__0_10_verbal_numeric
 _rating__Score____Reported-1)*Urea_Nitrogen
 4871 Protein__Mass_volume__in_Serum,Plasma>=mean_Protein__Mass_volume__in_Serum,
 Plasma^num_allergies
 4872 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=hea

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lthcare_expenses
4873 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=dev
ice_lifetime_length+mean_Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma
4874 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=-Q0
LS+e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
4875 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=log
(Carbon_Dioxide)*mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_
Serum,Plasma/log(10)
4876 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=max
imum(active_care_plan_length,mean_Aspartate_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma)
4877 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=2*C
hloride/Creatinine
4878 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mea
n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/num_all
ergies
4879 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=hea
lthcare_coverage+mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_
Serum,Plasma
4880 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=lon
gitude
4881 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=Bil
irubin_total__Mass_volume__in_Serum,Plasma+2*Pain_severity__0_10_verbal_numeric
_rating__Score____Reported
4882 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=lif
etime_care_plans+1
4883 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=min
imum(mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
4884 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mea
n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^num_all
ergies
4885 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mea
n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
procedures_lifetime
4886 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mea
n_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^QOLS
4887 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-he
althcare_expenses
4888 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(10
^healthcare_expenses)^longitude
4889
Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=DALY-flo
or(mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
4890 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=Pot
assium+mean_Albumin__Mass_volume__in_Serum,Plasma
4891 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-im

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munizations_lifetime_cost+mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma

4892 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longititude

4893 Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_coverage+mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma

4894 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcare_expenses

4895 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma

4896 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,2*Glomerular_filtration_rate_1_73_sq_M_predicted)

4897 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Systolic_Blood_Pressure^2/encounters_count

4898 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*e^Globulin__Mass_volume__in_Serum_by_calculation

4899 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=longititude

4900 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-procedures_lifetime

4901 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)

4902 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=1/2*device_lifetime_length+mean_Bilirubin_total__Mass_volume__in_Serum,Plasma

4903 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longititude

4904 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=Potassium+lifetime_conditions

4905 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses

4906 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=e^Pain_severity___0_10_verbal_numeric_rating_Score____Reported-mean_Systolic_Blood_Pressure

4907 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longititude

4908 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^QOLS

4909 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^num_allergies

4910 Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_coverage+mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma

4911 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcar
e_expenses

4912 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(a
ge,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)

4913 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(p
rocedures_lifetime,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Seru
m,Plasma)

4914 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(e
ncounters_count,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,P
lasma)

4915 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(l
ifetime_care_plan_length,mean_Alkaline_phosphatase__Enzymatic_activity_volume__i
n_Serum,Plasma)

4916 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=immunizat
ions_lifetime_cost+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Seru
m,Plasma

4917 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Total_Cho
lesterol-e^Pain_severity___0_10_verbal_numeric_rating__Score____Reported

4918 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alanine_a
minotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2/Albumin__Mass_volu
me__in_Serum,Plasma

4919 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Systolic_
Blood_Pressure+Urea_Nitrogen

4920 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=healthcar
e_coverage+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma

4921 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=minimum(h
ealthcare_expenses,2*Total_score__MMSE_)

4922 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude

4923 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-procedures_lifetime

4924 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(G
lomerular_filtration_rate_1_73_sq_M_predicted,mean_Alkaline_phosphatase__Enzymat
ic_activity_volume__in_Serum,Plasma)

4925 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=2*Calcium
+Pain_severity___0_10_verbal_numeric_rating__Score____Reported

4926 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^QOLS

4927 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mean_Alka
line_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^num_allergies

4928 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(C
arbon_Dioxide,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Pla
sma)

4929 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthca
re_expenses

4930 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(m
ean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,mean_Biliru
bin_total__Mass_volume__in_Urine_by_Test_strip)

4931 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcar

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e_expenses^longitude
4932 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_coverage+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
4933 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-Respiratory_rate+floor(device_lifetime_length)
4934 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
4935 Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Creatinine*log(Body_Mass_Index)
4936 Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses
4937 Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(pH_of_Urine_by_Test_strip,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4938 Bilirubin_total__Mass_volume__in_Serum,Plasma<=(1/num_allergies)
4939 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+procedures_lifetime
4940 Bilirubin_total__Mass_volume__in_Serum,Plasma<=ceil(mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4941 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma/num_allergies
4942 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma/QOLS
4943 Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4944 Bilirubin_total__Mass_volume__in_Serum,Plasma<=10^immunizations_lifetime
4945 Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(Creatinine,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4946 Bilirubin_total__Mass_volume__in_Serum,Plasma<=Pain_severity__0_10_verbal_numeric_rating__Score____Reported+mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
4947 Bilirubin_total__Mass_volume__in_Serum,Plasma<=mean_Bilirubin_total__Mass_volume__in_Serum,Plasma+medications_lifetime_perc_covered
4948 Bilirubin_total__Mass_volume__in_Serum,Plasma<=abs(log(device_lifetime_length))/log(10)
4949 Bilirubin_total__Mass_volume__in_Serum,Plasma<=sqrt(healthcare_expenses)/medications_lifetime
4950 Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_coverage+mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
4951 Bilirubin_total__Mass_volume__in_Serum,Plasma<=maximum(procedures_lifetime,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4952 Bilirubin_total__Mass_volume__in_Serum,Plasma>=longitude
4953 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
4954 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-device_lifetime_length+mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
4955 Bilirubin_total__Mass_volume__in_Serum,Plasma>=floor(mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4956
Bilirubin_total__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude

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4957 Bilirubin_total__Mass_volume__in_Serum,Plasma>=floor(log(device_lifetime_length)/log(10))
4958 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(num_allergies,mean_Bilirubin_total__Mass_volume__in_Serum,Plasma)
4959 Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(device_lifetime_length,1/2*QOLS)
4960 Bilirubin_total__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
4961 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Calcium
4962 Bilirubin_total__Mass_volume__in_Serum,Plasma>=-healthcare_coverage+mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
4963 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma<=healthcare_expenses
4964 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma<=mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
4965 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=longitude
4966 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
4967 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
4968 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
4969 Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
4970 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=healthcare_expenses
4971 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
4972 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=latitude
4973 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
4974 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=-healthcare_expenses
4975 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
4976 Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=minimum(latitude,10^healthcare_expenses)
4977 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=healthcare_expenses
4978 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
4979 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=longitude
4980 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
4981 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=-healthcare_expenses
4982 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=healthcare_expenses

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re_expenses^longitude
4983 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Calcium
4984 Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
4985 Platelets___volume__in_Blood_by_Automated_count<=healthcare_expenses
4986 Platelets___volume__in_Blood_by_Automated_count<=mean_Platelets___volume__in_Blood_by_Automated_count
4987 Platelets___volume__in_Blood_by_Automated_count>=latitude
4988 Platelets___volume__in_Blood_by_Automated_count>=mean_Platelets___volume__in_Blood_by_Automated_count
4989 Platelets___volume__in_Blood_by_Automated_count>=-healthcare_expenses
4990
Platelets___volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
4991 Platelets___volume__in_Blood_by_Automated_count>=minimum(latitude,10^healthcare_expenses)
4992 Leukocytes___volume__in_Blood_by_Automated_count<=healthcare_expenses
4993 Leukocytes___volume__in_Blood_by_Automated_count<=mean_Leukocytes___volume__in_Blood_by_Automated_count
4994 Leukocytes___volume__in_Blood_by_Automated_count>=longitude
4995 Leukocytes___volume__in_Blood_by_Automated_count>=mean_Leukocytes___volume__in_Blood_by_Automated_count
4996 Leukocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
4997
Leukocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
4998 Leukocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
4999 Erythrocytes___volume__in_Blood_by_Automated_count<=healthcare_expenses
5000 Erythrocytes___volume__in_Blood_by_Automated_count<=mean_Erythrocytes___volume__in_Blood_by_Automated_count
5001 Erythrocytes___volume__in_Blood_by_Automated_count>=longitude
5002 Erythrocytes___volume__in_Blood_by_Automated_count>=mean_Erythrocytes___volume__in_Blood_by_Automated_count
5003 Erythrocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
5004 Erythrocytes___volume__in_Blood_by_Automated_count>=Creatinine
5005 Erythrocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
5006 Erythrocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
5007 Hemoglobin__Mass_volume__in_Blood<=healthcare_expenses
5008 Hemoglobin__Mass_volume__in_Blood<=mean_Hemoglobin__Mass_volume__in_Blood
5009 Hemoglobin__Mass_volume__in_Blood>=longitude
5010 Hemoglobin__Mass_volume__in_Blood>=mean_Hemoglobin__Mass_volume__in_Blood
5011 Hemoglobin__Mass_volume__in_Blood>=-healthcare_expenses
5012 Hemoglobin__Mass_volume__in_Blood>=healthcare_expenses^longitude
5013 Hemoglobin__Mass_volume__in_Blood>=(10^healthcare_expenses)^longitude
5014
Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=healthcare_expenses
5015 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=mean_Hematocrit__

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Volume_Fraction__of_Blood_by_Automated_count
 5016 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=longitude
 5017 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=mean_Hematocrit__
 Volume_Fraction__of_Blood_by_Automated_count
 5018
 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=-healthcare_expenses
 5019 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=healthcare_expens
 es^longitude
 5020 Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=(10^healthcare_ex
 penses)^longitude
 5021 MCV__Entitic_volume__by_Automated_count<=healthcare_expenses
 5022 MCV__Entitic_volume__by_Automated_count<=mean_MCV__Entitic_volume__by_Autom
 ated_count
 5023 MCV__Entitic_volume__by_Automated_count>=latitude
 5024 MCV__Entitic_volume__by_Automated_count>=mean_MCV__Entitic_volume__by_Autom
 ated_count
 5025 MCV__Entitic_volume__by_Automated_count>=-healthcare_expenses
 5026 MCV__Entitic_volume__by_Automated_count>=healthcare_expenses^longitude
 5027 MCV__Entitic_volume__by_Automated_count>=minimum(latitude,10^healthcare_exp
 enses)
 5028 MCH__Entitic_mass__by_Automated_count<=healthcare_expenses
 5029 MCH__Entitic_mass__by_Automated_count<=mean_MCH__Entitic_mass__by_Automated
 _count
 5030 MCH__Entitic_mass__by_Automated_count>=longitude
 5031 MCH__Entitic_mass__by_Automated_count>=mean_MCH__Entitic_mass__by_Automated
 _count
 5032 MCH__Entitic_mass__by_Automated_count>=-healthcare_expenses
 5033 MCH__Entitic_mass__by_Automated_count>=healthcare_expenses^longitude
 5034 MCH__Entitic_mass__by_Automated_count>=(10^healthcare_expenses)^longitude
 5035 MCHC__Mass_volume__by_Automated_count<=healthcare_expenses
 5036 MCHC__Mass_volume__by_Automated_count<=mean_MCHC__Mass_volume__by_Automated
 _count
 5037 MCHC__Mass_volume__by_Automated_count>=longitude
 5038 MCHC__Mass_volume__by_Automated_count>=mean_MCHC__Mass_volume__by_Automated
 _count
 5039 MCHC__Mass_volume__by_Automated_count>=-healthcare_expenses
 5040 MCHC__Mass_volume__by_Automated_count>=healthcare_expenses^longitude
 5041 MCHC__Mass_volume__by_Automated_count>=(10^healthcare_expenses)^longitude
 5042 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=healthc
 are_expenses
 5043 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=mean_Er
 ythrocyte_distribution_width__Entitic_volume__by_Automated_count
 5044
 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=longitude
 5045 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=mean_Er
 ythrocyte_distribution_width__Entitic_volume__by_Automated_count
 5046 Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=-health
 care_expenses

5047 $\text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count} \geq \text{healthcare_expenses}^{\text{longitude}}$
 5048 $\text{Erythrocyte_distribution_width_Entitic_volume_by_Automated_count} \geq (10^{\text{healthcare_expenses}})^{\text{longitude}}$
 5049 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{healthcare_expenses}$
 5050 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{active_care_plans} + \text{floor}(\text{mean_Estimated_Glomerular_Filtration_Rate})$
 5051 $\text{Estimated_Glomerular_Filtration_Rate} \leq 2 * \text{healthcare_expenses} / \text{procedures_lifetime_cost}$
 5052 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{maximum}(\text{latitude}, \text{mean_Estimated_Glomerular_Filtration_Rate})$
 5053 $\text{Estimated_Glomerular_Filtration_Rate} \leq (\text{mean_Estimated_Glomerular_Filtration_Rate} - 1) / \text{num_allergies}$
 5054 $\text{Estimated_Glomerular_Filtration_Rate} \leq \sqrt{10^{\text{mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood}}}$
 5055 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{active_conditions}^{\text{(10^{\text{encounters_lifetime_perc_covered}})}}$
 5056 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{maximum}(\text{Body_Mass_Index}, \text{mean_Estimated_Glomerular_Filtration_Rate})$
 5057 $\text{Estimated_Glomerular_Filtration_Rate} \leq 10^{\text{medications_active} * \text{Carbon_Dioxide}}$
 5058 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{mean_Estimated_Glomerular_Filtration_Rate} + \text{procedures_lifetime} + 1$
 5059 $\text{Estimated_Glomerular_Filtration_Rate} \leq (\text{encounters_lifetime_perc_covered} + 1)^{\text{mean_Carbon_Dioxide}}$
 5060 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{minimum}(\text{healthcare_expenses}, 2 * \text{Weight_difference_Mass_difference_pre_dialysis_post_dialysis})$
 5061 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{healthcare_expenses} / \text{Body_Weight}^2$
 5062 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{maximum}(\text{mean_Estimated_Glomerular_Filtration_Rate}, 1/2 * \text{lifetime_care_plan_length})$
 5063 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{Diastolic_Blood_Pressure}^2 / \text{Microalbumin_Creatinine_Ratio}$
 5064 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{Low_Density_Lipoprotein_Cholesterol}^2 / \text{mean_Microalbumin_Creatinine_Ratio}$
 5065 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{Sodium}^2 / \text{medications_lifetime}$
 5066 $\text{Estimated_Glomerular_Filtration_Rate} \leq 2 * \text{QOLS} * \text{mean_Systolic_Blood_Pressure}$
 5067 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{mean_Estimated_Glomerular_Filtration_Rate}^2 - \text{QALY}$
 5068 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{ceil}(\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported}) + \text{mean_Estimated_Glomerular_Filtration_Rate}$
 5069 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{minimum}(\text{healthcare_expenses}, 1/2 * \text{Body_temperature})$
 5070 $\text{Estimated_Glomerular_Filtration_Rate} \leq \text{mean_Glucose}^2 / \text{encounters_count}$
 5071 $\text{Estimated_Glomerular_Filtration_Rate} \geq \text{longitude}$
 5072 $\text{Estimated_Glomerular_Filtration_Rate} \geq -\text{Chloride} + 1/2 * \text{Total_Cholesterol}$
 5073 $\text{Estimated_Glomerular_Filtration_Rate} \geq \text{Potassium} - \text{QOLS} - 1$
 5074 $\text{Estimated_Glomerular_Filtration_Rate} \geq -\text{healthcare_expenses}$
 5075 $\text{Estimated_Glomerular_Filtration_Rate} \geq -\text{Carbon_Dioxide} + 1/2 * \text{QALY}$
 5076

Estimated_Glomerular_Filtration_Rate>=mean_Estimated_Glomerular_Filtration_Rate-
 procedures_lifetime_cost
 5077 Estimated_Glomerular_Filtration_Rate>=minimum(device_lifetime_length,2*Weight_difference__Mass_difference____pre_dialysis__post_dialysis)
 5078
 Estimated_Glomerular_Filtration_Rate>=immunizations_lifetime^log(Heart_rate)
 5079 Estimated_Glomerular_Filtration_Rate>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-mean_Respiratory_rate
 5080 Estimated_Glomerular_Filtration_Rate>=2*active_care_plan_length-medications_lifetime
 5081 Estimated_Glomerular_Filtration_Rate>=2*DALY-age
 5082 Estimated_Glomerular_Filtration_Rate>=healthcare_expenses^longitude
 5083 Estimated_Glomerular_Filtration_Rate>=2*Body_Mass_Index-mean_Microalbumin_Creatinine_Ratio
 5084 Estimated_Glomerular_Filtration_Rate>=-Body_Height+1/2*mean_Triglycerides
 5085 Estimated_Glomerular_Filtration_Rate>=2*mean_Calcium*num_allergies
 5086 Estimated_Glomerular_Filtration_Rate>=minimum(active_conditions,Globulin_Mass_volume__in_Serum_by_calculation)
 5087 Estimated_Glomerular_Filtration_Rate>=minimum(mean_Urea_Nitrogen,mean_Bilirubin_total__Mass_volume__in_Urine_by_Test_strip)
 5088 Estimated_Glomerular_Filtration_Rate>=minimum(mean_Estimated_Glomerular_Filtration_Rate,1/mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 5089 Estimated_Glomerular_Filtration_Rate>=1/2*Chloride-Microalbumin_Creatinine_Ratio
 5090 Estimated_Glomerular_Filtration_Rate>=ceil(mean_High_Density_Lipoprotein_Cholesterol)-mean_Microalbumin_Creatinine_Ratio
 5091 Estimated_Glomerular_Filtration_Rate>=Diastolic_Blood_Pressure-age-1
 5092 Estimated_Glomerular_Filtration_Rate>=(10^healthcare_expenses)^longitude
 5093 Estimated_Glomerular_Filtration_Rate>=minimum(Urea_Nitrogen,1/medications_active)
 5094 Estimated_Glomerular_Filtration_Rate>=-active_condition_length+1/2*mean_Diastolic_Blood_Pressure
 5095 Estimated_Glomerular_Filtration_Rate>=(1/2*mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported)^Hemoglobin__Mass_volume__in_Blood
 5096 Microalbumin_Creatinine_Ratio<=healthcare_expenses
 5097 Microalbumin_Creatinine_Ratio<=maximum(mean_Glucose,e^DALY)
 5098 Microalbumin_Creatinine_Ratio<=sqrt(healthcare_expenses)-Body_Height
 5099 Microalbumin_Creatinine_Ratio<=mean_Microalbumin_Creatinine_Ratio+procedures_lifetime_cost
 5100 Microalbumin_Creatinine_Ratio<=2*High_Density_Lipoprotein_Cholesterol+lifetime_condition_length
 5101 Microalbumin_Creatinine_Ratio<=10^Pain_severity___0_10_verbal_numeric_rating__Score____Reported*Systolic_Blood_Pressure
 5102 Microalbumin_Creatinine_Ratio<=mean_Low_Density_Lipoprotein_Cholesterol^2/mean_Urea_Nitrogen
 5103 Microalbumin_Creatinine_Ratio<=mean_Systolic_Blood_Pressure+medications_lifetime+1

5104 $\text{Microalbumin_Creatinine_Ratio} \leq \text{encounters_lifetime_perc_covered}^2 * \text{medications_lifetime_length}$
 5105 $\text{Microalbumin_Creatinine_Ratio} \leq \text{Urea_Nitrogen} * e^{\text{mean_Creatinine}}$
 5106 $\text{Microalbumin_Creatinine_Ratio} \leq 1/4 * \text{mean_High_Density_Lipoprotein_Cholesterol}^2$
 5107 $\text{Microalbumin_Creatinine_Ratio} \leq \text{Heart_rate} * \text{mean_Estimated_Glomerular_Filtration_Rate}$
 5108 $\text{Microalbumin_Creatinine_Ratio} \leq 10^{\text{medications_lifetime_perc_covered}} * \text{mean_Microalbumin_Creatinine_Ratio}$
 5109 $\text{Microalbumin_Creatinine_Ratio} \leq (\text{Body_Height} - 1) / \text{num_allergies}$
 5110 $\text{Microalbumin_Creatinine_Ratio} \leq \text{QALY}^2 * \text{QOLS}$
 5111 $\text{Microalbumin_Creatinine_Ratio} \leq (\text{Hemoglobin_A1c_Hemoglobin_total_in_Blood} - 1) * \text{mean_Microalbumin_Creatinine_Ratio}$
 5112 $\text{Microalbumin_Creatinine_Ratio} \leq \text{QALY}^2 - \text{lifetime_condition_length}$
 5113 $\text{Microalbumin_Creatinine_Ratio} \leq \text{Heart_rate}^2 / \text{mean_Estimated_Glomerular_Filtration_Rate}$
 5114 $\text{Microalbumin_Creatinine_Ratio} \leq \sqrt{\text{healthcare_coverage}} + \text{Low_Density_Lipoprotein_Cholesterol}$
 5115 $\text{Microalbumin_Creatinine_Ratio} \leq 10^{\text{Pain_severity_0_10_verbal_numeric_rating_Score_Reported}} * \text{mean_Microalbumin_Creatinine_Ratio}$
 5116 $\text{Microalbumin_Creatinine_Ratio} \leq \text{ceil}(\text{mean_Chloride}) + \text{mean_Microalbumin_Creatinine_Ratio}$
 5117 $\text{Microalbumin_Creatinine_Ratio} \leq 2 * \text{mean_Microalbumin_Creatinine_Ratio} - \text{procedures_lifetime}$
 5118 $\text{Microalbumin_Creatinine_Ratio} \geq \text{longitude}$
 5119 $\text{Microalbumin_Creatinine_Ratio} \geq \text{floor}(\text{QALY}) - \text{mean_Estimated_Glomerular_Filtration_Rate}$
 5120 $\text{Microalbumin_Creatinine_Ratio} \geq -\text{Low_Density_Lipoprotein_Cholesterol} + \text{ceil}(\text{mean_Microalbumin_Creatinine_Ratio})$
 5121 $\text{Microalbumin_Creatinine_Ratio} \geq \text{Potassium} + \text{QOLS}$
 5122 $\text{Microalbumin_Creatinine_Ratio} \geq (\text{Body_Height} - 1)^{\text{num_allergies}}$
 5123 $\text{Microalbumin_Creatinine_Ratio} \geq \log(\text{procedures_lifetime_cost}) / \text{encounters_lifetime_perc_covered}$
 5124 $\text{Microalbumin_Creatinine_Ratio} \geq -\text{healthcare_expenses}$
 5125 $\text{Microalbumin_Creatinine_Ratio} \geq \text{healthcare_expenses}^{\text{longitude}}$
 5126 $\text{Microalbumin_Creatinine_Ratio} \geq \text{mean_Microalbumin_Creatinine_Ratio} - \text{procedures_lifetime_cost}$
 5127 $\text{Microalbumin_Creatinine_Ratio} \geq \text{mean_Microalbumin_Creatinine_Ratio} - \text{medications_lifetime} + 1$
 5128 $\text{Microalbumin_Creatinine_Ratio} \geq \text{minimum}(\text{Body_Mass_Index}, \text{mean_Microalbumin_Creatinine_Ratio})$
 5129 $\text{Microalbumin_Creatinine_Ratio} \geq -\text{Total_Cholesterol} + \text{Triglycerides} + 1$
 5130 $\text{Microalbumin_Creatinine_Ratio} \geq (\text{mean_Pain_severity_0_10_verbal_numeric_rating_Score_Reported} - 1)^{\text{Hemoglobin_Mass_volume_in_Blood}}$
 5131 $\text{Microalbumin_Creatinine_Ratio} \geq \text{active_condition_length} * \sqrt{\text{device_lifetime_length}}$
 5132 $\text{Microalbumin_Creatinine_Ratio} \geq -\text{Systolic_Blood_Pressure} + 1/2 * \text{encounters_count}$

5133 Microalbumin_Creatinine_Ratio>=encounters_count/mean_Calcium
 5134 Microalbumin_Creatinine_Ratio>=minimum(Diastolic_Blood_Pressure,1/medications_active)
 5135 Microalbumin_Creatinine_Ratio>=(10^healthcare_expenses)^longitude
 5136 Microalbumin_Creatinine_Ratio>=ceil(mean_Carbon_Dioxide)-immunizations_lifetime_cost
 5137 Microalbumin_Creatinine_Ratio>=log(device_lifetime_length)/log(10)+mean_Microalbumin_Creatinine_Ratio
 5138 Microalbumin_Creatinine_Ratio>=floor(mean_Microalbumin_Creatinine_Ratio)-mean_Low_Density_Lipoprotein_Cholesterol
 5139 Microalbumin_Creatinine_Ratio>=e^medications_active/mean_Calcium
 5140 Microalbumin_Creatinine_Ratio>=minimum(Body_Weight,1/medications_active)
 5141 Microalbumin_Creatinine_Ratio>=1/2*procedures_lifetime_cost/lifetime_condition_length
 5142 Microalbumin_Creatinine_Ratio>=-DALY+1/2*mean_Microalbumin_Creatinine_Ratio
 5143 Microalbumin_Creatinine_Ratio>=healthcare_coverage^(1/Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 5144 mean_Body_Height<=healthcare_expenses
 5145 mean_Body_Height<=ceil(Body_Height)
 5146 mean_Body_Height<=maximum(lifetime_condition_length,Body_Height)
 5147 mean_Body_Height<=maximum(encounters_count,Body_Height)
 5148 mean_Body_Height<=1/healthcare_expenses+Body_Height
 5149 mean_Body_Height<=Body_Height/num_allergies
 5150 mean_Body_Height<=Body_Height+active_care_plans
 5151 mean_Body_Height<=Body_Height+immunizations_lifetime
 5152 mean_Body_Height<=maximum(Body_Height,2*lifetime_care_plan_length)
 5153 mean_Body_Height<=Body_Height+medications_active
 5154 mean_Body_Height<=maximum(Body_Height,1/2*medications_lifetime)
 5155 mean_Body_Height<=maximum(Body_Height,Glomerular_filtration_rate_1_73_sq_M_predicted)
 5156 mean_Body_Height<=maximum(Body_Height,mean_Triglycerides)
 5157 mean_Body_Height>=latitude
 5158 mean_Body_Height>=floor(Body_Height)
 5159 mean_Body_Height>=healthcare_expenses^longitude
 5160 mean_Body_Height>=Body_Height^num_allergies
 5161 mean_Body_Height>=Body_Height-active_care_plans
 5162 mean_Body_Height>=1/longitude+Body_Height
 5163 mean_Body_Height>=minimum(immunizations_lifetime_cost,Body_Height)
 5164 mean_Body_Height>=Body_Height-medications_lifetime
 5165 mean_Body_Height>=Body_Height-medications_lifetime_perc_covered
 5166 mean_Body_Height>=Body_Height-procedures_lifetime
 5167 mean_Body_Height>=Body_Height^QOLS
 5168 mean_Body_Height>=Body_Height*log(lifetime_care_plans)/log(10)
 5169 mean_Body_Height>=minimum(Systolic_Blood_Pressure,Body_Height)
 5170 mean_Body_Height>=Body_Height-Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 5171 mean_Body_Height>=minimum(Body_Height,Creatinine^2)
 5172 mean_Body_Height>=minimum(Body_Height,Low_Density_Lipoprotein_Cholesterol)

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5173
mean_Body_Height>=minimum(Body_Height,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5174 mean_Body_Height>=minimum(Body_Height,Glucose)
5175 mean_Body_Height>=minimum(Body_Height,Estimated_Glomerular_Filtration_Rate)
5176 mean_Body_Height>=minimum(latitude,10^healthcare_expenses)
5177 mean_Body_Mass_Index<=healthcare_expenses
5178 mean_Body_Mass_Index<=Body_Mass_Index+encounters_lifetime_perc_covered
5179 mean_Body_Mass_Index<=floor(age)
5180 mean_Body_Mass_Index<=Body_Mass_Index+Pain_severity___0_10_verbal_numeric_r
ating__Score____Reported
5181 mean_Body_Mass_Index<=maximum(medications_lifetime,Body_Mass_Index)
5182 mean_Body_Mass_Index<=Body_Mass_Index+active_care_plans
5183 mean_Body_Mass_Index<=maximum(Body_Mass_Index,Carbon_Dioxide)
5184 mean_Body_Mass_Index<=maximum(encounters_count,Body_Mass_Index)
5185 mean_Body_Mass_Index<=Body_Mass_Index+medications_lifetime_perc_covered
5186 mean_Body_Mass_Index<=Body_Mass_Index+medications_active
5187 mean_Body_Mass_Index<=Body_Mass_Index+procedures_lifetime
5188 mean_Body_Mass_Index<=maximum(Body_Mass_Index,1/2*age)
5189 mean_Body_Mass_Index<=Body_Mass_Index/QOLS
5190 mean_Body_Mass_Index<=maximum(QALY,Body_Mass_Index)
5191 mean_Body_Mass_Index<=Body_Mass_Index^lifetime_conditions
5192 mean_Body_Mass_Index<=Body_Mass_Index/num_allergies
5193 mean_Body_Mass_Index<=maximum(lifetime_condition_length,Body_Mass_Index)
5194 mean_Body_Mass_Index<=maximum(Body_Mass_Index,1/2*encounters_count)
5195 mean_Body_Mass_Index<=maximum(Body_Mass_Index,10^Creatinine)
5196 mean_Body_Mass_Index<=maximum(Body_Mass_Index,active_conditions^2)
5197 mean_Body_Mass_Index<=2*encounters_lifetime_payer_coverage/Microalbumin_Cre
atinine_Ratio
5198 mean_Body_Mass_Index<=Body_Mass_Index-medications_lifetime_perc_covered+1
5199 mean_Body_Mass_Index>=longitude
5200 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Carbon_Dioxide)
5201 mean_Body_Mass_Index>=Body_Mass_Index-encounters_lifetime_perc_covered
5202 mean_Body_Mass_Index>=healthcare_expenses^longitude
5203 mean_Body_Mass_Index>=minimum(device_lifetime_length,Body_Mass_Index)
5204 mean_Body_Mass_Index>=Body_Mass_Index-medications_lifetime
5205 mean_Body_Mass_Index>=Body_Mass_Index-procedures_lifetime
5206 mean_Body_Mass_Index>=Body_Mass_Index-QOLS
5207 mean_Body_Mass_Index>=Body_Mass_Index-
Pain_severity___0_10_verbal_numeric_rating__Score____Reported
5208 mean_Body_Mass_Index>=minimum(Body_Mass_Index,10^device_lifetime_length)
5209 mean_Body_Mass_Index>=Body_Mass_Index^QOLS
5210 mean_Body_Mass_Index>=Body_Mass_Index-active_care_plans
5211 mean_Body_Mass_Index>=Body_Mass_Index/lifetime_conditions
5212 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Creatinine)
5213 mean_Body_Mass_Index>=log(encounters_lifetime_perc_covered)/log(10)+Body_Ma
ss_Index
5214 mean_Body_Mass_Index>=minimum(Body_Mass_Index,1/2*Estimated_Glomerular_Filt
ration_Rate)

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5215 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 5216 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Carbon_Dioxide+1)
 5217 mean_Body_Mass_Index>=minimum(Body_Mass_Index,10^immunizations_lifetime)
 5218 mean_Body_Mass_Index>=(2*MCHC__Mass_volume__by_Automated_count)^medications_lifetime_perc_covered
 5219 mean_Body_Mass_Index>=1/2*Total_Cholesterol/Potassium
 5220
 mean_Body_Mass_Index>=Erythrocytes___volume__in_Blood_by_Automated_count^2+1
 5221 mean_Body_Mass_Index>=(10^healthcare_expenses)^longitude
 5222 mean_Body_Mass_Index>=minimum(Body_Mass_Index,Creatinine^2)
 5223 mean_Body_Mass_Index>=floor(DALY)-mean_Carbon_Dioxide
 5224 mean_Body_Mass_Index>=minimum(Body_Mass_Index,medications_active^2)
 5225 mean_Body_Mass_Index>=sqrt(procedures_lifetime_cost)/Carbon_Dioxide
 5226 mean_Body_Mass_Index>=floor(Body_Mass_Index)-num_allergies
 5227 mean_Body_Mass_Index>=floor(Carbon_Dioxide)/active_care_plans
 5228 mean_Body_Mass_Index>=Calcium*log(Hemoglobin__Mass_volume__in_Blood)
 5229 mean_Body_Mass_Index>=-Calcium+MCHC__Mass_volume__by_Automated_count+1
 5230 mean_Body_Weight<=healthcare_expenses
 5231 mean_Body_Weight<=ceil(Body_Weight)
 5232 mean_Body_Weight<=maximum(encounters_count,Body_Weight)
 5233 mean_Body_Weight<=Body_Weight/num_allergies
 5234 mean_Body_Weight<=Body_Weight+active_care_plans
 5235 mean_Body_Weight<=Body_Weight^lifetime_conditions
 5236 mean_Body_Weight<=maximum(lifetime_condition_length,Body_Weight)
 5237 mean_Body_Weight<=maximum(medications_lifetime,Body_Weight)
 5238 mean_Body_Weight<=Body_Weight+medications_active
 5239 mean_Body_Weight<=Body_Weight+procedures_lifetime
 5240 mean_Body_Weight<=Body_Weight+Pain_severity___0_10_verbal_numeric_rating__Score____Reported
 5241 mean_Body_Weight<=1/Pain_severity___0_10_verbal_numeric_rating__Score____Reported+Body_Weight
 5242 mean_Body_Weight<=maximum(Body_Weight,Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 5243 mean_Body_Weight<=Estimated_Glomerular_Filtration_Rate+2*Microalbumin_Creatinine_Ratio
 5244 mean_Body_Weight<=log(Potassium)/log(10)+Body_Weight
 5245 mean_Body_Weight<=maximum(Body_Weight,active_conditions^2)
 5246 mean_Body_Weight<=Carbon_Dioxide^2/mean_Potassium
 5247 mean_Body_Weight<=Low_Density_Lipoprotein_Cholesterol+mean_Carbon_Dioxide+1
 5248
 mean_Body_Weight<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)^Urea_Nitrogen
 5249 mean_Body_Weight<=maximum(Body_Weight,e^Erythrocytes___volume__in_Blood_by_Automated_count)
 5250 mean_Body_Weight<=1/Protein__Mass_volume__in_Serum,Plasma+Body_Weight
 5251 mean_Body_Weight>=latitude
 5252 mean_Body_Weight>=Body_Weight-1
 5253 mean_Body_Weight>=healthcare_expenses^longitude

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5254 mean_Body_Weight>=minimum(Body_Weight,High_Density_Lipoprotein_Cholesterol)
5255 mean_Body_Weight>=minimum(Body_Weight,Creatinine)
5256 mean_Body_Weight>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+active_care_pla
n_length
5257 mean_Body_Weight>=minimum(Body_Weight,Estimated_Glomerular_Filtration_Rate)
5258
mean_Body_Weight>=minimum(Body_Weight,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5259 mean_Body_Weight>=Body_Weight-
Pain_severity__0_10_verbal_numeric_rating__Score___Reported
5260 mean_Body_Weight>=-mean_Carbon_Dioxide+procedures_lifetime
5261 mean_Body_Weight>=maximum(Body_Weight,Platelet_mean_volume__Entitic_volume_
_in_Blood_by_Automated_count)
5262 mean_Body_Weight>=Body_Weight-active_care_plans
5263 mean_Body_Weight>=Body_Weight/lifetime_conditions
5264 mean_Body_Weight>=Body_Weight-medications_lifetime
5265 mean_Body_Weight>=Body_Weight-procedures_lifetime
5266 mean_Body_Weight>=Body_Weight^QOLS
5267 mean_Body_Weight>=1/Estimated_Glomerular_Filtration_Rate+mean_High_Density_
Lipoprotein_Cholesterol
5268 mean_Body_Weight>=minimum(Body_Weight,lifetime_care_plans^2)
5269 mean_Body_Weight>=minimum(latitude,10^healthcare_expenses)
5270 mean_Body_Weight>=maximum(Body_Weight,Prostate_specific_Ag__Mass_volume__in
_Serum,Plasma)
5271 mean_Body_Weight>=sqrt(age)/QOLS
5272 mean_Body_Weight>=minimum(age,floor(Body_Weight))
5273 mean_Body_Weight>=(immunizations_lifetime_cost+1)^History_of_Hospitalizatio
ns_Outpatient_visits
5274 mean_Body_Weight>=floor(Body_Weight)-immunizations_lifetime
5275 mean_Body_Weight>=-QOLS+floor(Body_Weight)
5276 mean_Calcium<=healthcare_expenses
5277 mean_Calcium<=Calcium+healthcare_coverage
5278 mean_Calcium<=sqrt(QOLS)+Calcium
5279 mean_Calcium<=ceil(Calcium)+procedures_lifetime
5280 mean_Calcium<=1/2*Carbon_Dioxide-medications_lifetime_perc_covered
5281 mean_Calcium<=(Estimated_Glomerular_Filtration_Rate-1)^Potassium
5282 mean_Calcium<=sqrt(QALY)+Hemoglobin_A1c_Hemoglobin_total_in_Blood
5283 mean_Calcium<=2*Albumin__Mass_volume__in_Serum,Plasma/encounters_lifetime_p
erc_covered
5284 mean_Calcium<=(Glucose-1)/medications_active
5285 mean_Calcium<=10^(10^Pain_severity__0_10_verbal_numeric_rating__Score___R
eported)
5286 mean_Calcium<=maximum(Calcium,sqrt(Chloride))
5287 mean_Calcium<=maximum(encounters_count,Calcium)
5288 mean_Calcium<=maximum(Calcium,2*active_conditions)
5289 mean_Calcium<=Calcium/num_allergies
5290 mean_Calcium<=Calcium/QOLS
5291 mean_Calcium<=Calcium^active_care_plans
5292 mean_Calcium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Urea_Nitrogen-1

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5293 mean_Calcium<=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+1/2*High_Density_Li
 poprotein_Cholesterol
 5294 mean_Calcium<=(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-1)^
 Creatinine
 5295
 mean_Calcium<=sqrt(medications_active)+mean_Estimated_Glomerular_Filtration_Rate
 5296 mean_Calcium<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Repor
 ted+Leukocytes___volume__in_Blood_by_Automated_count
 5297 mean_Calcium<=maximum(Respiratory_rate,Calcium)
 5298 mean_Calcium<=floor(MCV__Entitic_volume__by_Automated_count)+longitude
 5299 mean_Calcium<=maximum(active_care_plan_length,Calcium)
 5300 mean_Calcium<=log(Low_Density_Lipoprotein_Cholesterol)/log(10)+mean_Estimat
 ed_Glomerular_Filtration_Rate
 5301 mean_Calcium<=2*Calcium*Creatinine
 5302 mean_Calcium<=maximum(Calcium,mean_Urea_Nitrogen)
 5303 mean_Calcium<=maximum(DALY,ceil(Calcium))
 5304 mean_Calcium<=Urea_Nitrogen+procedures_lifetime_cost
 5305 mean_Calcium<=Calcium^active_conditions
 5306 mean_Calcium<=maximum(medications_lifetime,Calcium)
 5307 mean_Calcium<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Ser
 um,Plasma+Bilirubin_total__Mass_volume__in_Serum,Plasma
 5308 mean_Calcium<=1/MCV__Entitic_volume__by_Automated_count+Platelet_mean_volum
 e__Entitic_volume__in_Blood_by_Automated_count
 5309 mean_Calcium<=ceil(active_care_plan_length)/Prostate_specific_Ag__Mass_volu
 me__in_Serum,Plasma
 5310 mean_Calcium<=floor(Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
 ated_count)+medications_lifetime_perc_covered
 5311 mean_Calcium<=maximum(Triglycerides,Platelet_mean_volume__Entitic_volume__i
 n_Blood_by_Automated_count)
 5312 mean_Calcium<=ceil(QALY)/Albumin__Mass_volume__in_Serum,Plasma
 5313 mean_Calcium<=e^Albumin__Mass_volume__in_Serum,Plasma/mean_Albumin__Mass_vo
 lume__in_Serum,Plasma
 5314 mean_Calcium<=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+Urea_Nitr
 ogen+1
 5315 mean_Calcium<=MCH__Entitic_mass__by_Automated_count^2/MCV__Entitic_volume__
 by_Automated_count
 5316 mean_Calcium<=1/2*QOLS*mean_Alkaline_phosphatase__Enzymatic_activity_volume
 __in_Serum,Plasma
 5317 mean_Calcium<=2*QOLS*mean_High_Density_Lipoprotein_Cholesterol
 5318 mean_Calcium<=Body_Mass_Index^2/active_care_plan_length
 5319
 mean_Calcium<=sqrt(Systolic_Blood_Pressure)-medications_lifetime_perc_covered
 5320 mean_Calcium<=ceil(Calcium)+encounters_lifetime_perc_covered
 5321 mean_Calcium<=sqrt(Calcium)+Glomerular_filtration_rate_1_73_sq_M_predicted
 5322 mean_Calcium<=log(Erythrocytes___volume__in_Blood_by_Automated_count)/log(
 10)+Calcium
 5323
 mean_Calcium<=maximum(Urea_Nitrogen,1/2*Estimated_Glomerular_Filtration_Rate)

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5324 mean_Calcium>=longitude
5325 mean_Calcium>=minimum(medications_active,Calcium)
5326 mean_Calcium>=Calcium-1
5327 mean_Calcium>=encounters_count/Microalbumin_Creatinine_Ratio
5328 mean_Calcium>=log(e^Urea_Nitrogen)/log(10)
5329 mean_Calcium>=Calcium-procedures_lifetime
5330 mean_Calcium>=(medications_lifetime+1)/mean_Glucose
5331 mean_Calcium>=-DALY+Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count
5332 mean_Calcium>=log(encounters_lifetime_total_cost)*medications_lifetime_perc
_covered
5333 mean_Calcium>=Calcium^QOLS
5334 mean_Calcium>=-healthcare_expenses
5335 mean_Calcium>=healthcare_expenses^longitude
5336 mean_Calcium>=encounters_count/mean_Microalbumin_Creatinine_Ratio
5337 mean_Calcium>=(Creatinine+1)/Estimated_Glomerular_Filtration_Rate
5338 mean_Calcium>=Calcium-Creatinine
5339 mean_Calcium>=-Creatinine+lifetime_care_plans+1
5340 mean_Calcium>=Calcium-
mean_Pain_severity__0_10_verbal_numeric_rating__Score____Reported
5341 mean_Calcium>=sqrt(medications_lifetime_length)/encounters_count
5342 mean_Calcium>=Calcium*QOLS
5343 mean_Calcium>=2*medications_lifetime/Total_Cholesterol
5344 mean_Calcium>=sqrt(Creatinine)*Erythrocytes____volume__in_Blood_by_Automate
d_count
5345 mean_Calcium>=log(QALY^2)
5346 mean_Calcium>=ceil(Body_Weight)/Platelet_mean_volume__Entitic_volume__in_Bl
ood_by_Automated_count
5347 mean_Calcium>=sqrt(Glucose)*medications_lifetime_perc_covered
5348 mean_Calcium>=minimum(Calcium,e^immunizations_lifetime)
5349 mean_Calcium>=(lifetime_conditions-1)^mean_Bilirubin_total__Mass_volume__in
_Serum,Plasma
5350 mean_Calcium>=sqrt(High_Density_Lipoprotein_Cholesterol)-Bilirubin_total__M
ass_volume__in_Serum,Plasma
5351 mean_Calcium>=1/2*Triglycerides/mean_Carbon_Dioxide
5352 mean_Calcium>=2*Low_Density_Lipoprotein_Cholesterol/MCH__Entitic_mass__by_A
utomated_count
5353 mean_Calcium>=Leukocytes____volume__in_Blood_by_Automated_count-
immunizations_lifetime_cost+1
5354 mean_Calcium>=Calcium-medications_lifetime
5355 mean_Calcium>=minimum(Calcium,-Triglycerides)
5356 mean_Calcium>=Calcium-healthcare_coverage
5357 mean_Calcium>=Calcium/active_conditions
5358 mean_Calcium>=(Albumin__Mass_volume__in_Serum,Plasma^2)^encounters_lifetime
_perc_covered
5359
mean_Calcium>=minimum(Calcium,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5360 mean_Calcium>=sqrt(Microalbumin_Creatinine_Ratio)/Hemoglobin_A1c_Hemoglobin

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_total_in_Blood
5361 mean_Calcium>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*log(Creatinine)
5362
mean_Calcium>=sqrt(Body_Weight)-Bilirubin_total__Mass_volume__in_Serum,Plasma
5363
mean_Calcium>=sqrt(Chloride)/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
5364 mean_Calcium>=(10^healthcare_expenses)^longitude
5365 mean_Calcium>=log(active_conditions)*mean_Creatinine/log(10)
5366 mean_Calcium>=1/2*Urea_Nitrogen/active_care_plans
5367 mean_Calcium>=log(Total_Cholesterol)+mean_Pain_severity___0_10_verbal_numer
ic_rating__Score____Reported
5368 mean_Calcium>=Systolic_Blood_Pressure*log(Bilirubin_total__Mass_volume__in
Serum,Plasma)/log(10)
5369 mean_Calcium>=sqrt(Body_Weight)^num_allergies
5370 mean_Carbon_Dioxide<=healthcare_expenses
5371 mean_Carbon_Dioxide<=Chloride-active_care_plan_length-1
5372 mean_Carbon_Dioxide<=maximum(active_care_plan_length,Carbon_Dioxide)
5373 mean_Carbon_Dioxide<=2*Leukocytes___volume__in_Blood_by_Automated_count^2
5374 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,MCH__Entitic_mass__by_Automated
_count)
5375 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,Alanine_aminotransferase__Enzym
atic_activity_volume__in_Serum,Plasma)
5376 mean_Carbon_Dioxide<=Carbon_Dioxide/QOLS
5377 mean_Carbon_Dioxide<=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted*mea
n_Calcium
5378 mean_Carbon_Dioxide<=Carbon_Dioxide+e^procedures_lifetime
5379 mean_Carbon_Dioxide<=-Respiratory_rate+ceil(latitude)
5380 mean_Carbon_Dioxide<=latitude-lifetime_conditions
5381 mean_Carbon_Dioxide<=Carbon_Dioxide+healthcare_coverage
5382
mean_Carbon_Dioxide<=Microalbumin_Creatinine_Ratio+immunizations_lifetime_cost
5383 mean_Carbon_Dioxide<=2*Carbon_Dioxide*Creatinine
5384 mean_Carbon_Dioxide<=e^Calcium/Body_Height
5385 mean_Carbon_Dioxide<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+2*R
espiratory_rate
5386 mean_Carbon_Dioxide<=Carbon_Dioxide+medications_lifetime
5387 mean_Carbon_Dioxide<=Aspartate_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma*log(active_condition_length)
5388 mean_Carbon_Dioxide<=Leukocytes___volume__in_Blood_by_Automated_count^2+Re
spiratory_rate
5389
mean_Carbon_Dioxide<=sqrt(Chloride)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
5390 mean_Carbon_Dioxide<=maximum(medications_lifetime_length,Carbon_Dioxide)
5391 mean_Carbon_Dioxide<=log(active_conditions)^Microalbumin_Creatinine_Ratio
5392 mean_Carbon_Dioxide<=(Calcium+1)*Hemoglobin_A1c_Hemoglobin_total_in_Blood
5393 mean_Carbon_Dioxide<=Carbon_Dioxide+procedures_lifetime_cost
5394 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,e^DALY)
5395 mean_Carbon_Dioxide<=maximum(Heart_rate,Carbon_Dioxide)

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5396 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,sqrt(procedures_lifetime_cost))
5397 mean_Carbon_Dioxide<=Carbon_Dioxide^active_care_plans
5398 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,Glomerular_filtration_rate_1_73
_sq_M_predicted)
5399 mean_Carbon_Dioxide<=Calcium+e^Estimated_Glomerular_Filtration_Rate
5400 mean_Carbon_Dioxide<=High_Density_Lipoprotein_Cholesterol-Potassium
5401 mean_Carbon_Dioxide<=e^Calcium/Triglycerides
5402 mean_Carbon_Dioxide<=maximum(Aspartate_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma,Alkaline_phosphatase__Enzymatic_activity_volume__in_Ser
um,Plasma-1)
5403 mean_Carbon_Dioxide<=(Sodium+1)/Potassium
5404 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,1/2*age)
5405 mean_Carbon_Dioxide<=maximum(mean_Microalbumin_Creatinine_Ratio,Hemoglobin_
A1c_Hemoglobin_total_in_Blood^2)
5406 mean_Carbon_Dioxide<=minimum(Platelet_distribution_width__Entitic_volume__i
n_Blood_by_Automated_count,1/2*FEV1_FVC)
5407 mean_Carbon_Dioxide<=Carbon_Dioxide^2/Urea_Nitrogen
5408 mean_Carbon_Dioxide<=Body_Weight*sqrt(QOLS)
5409 mean_Carbon_Dioxide<=Carbon_Dioxide+e^Pain_severity___0_10_verbal_numeric_r
ating__Score___Reported
5410 mean_Carbon_Dioxide<=Carbon_Dioxide+1/2*lifetime_conditions
5411 mean_Carbon_Dioxide<=10^Albumin__Mass_volume__in_Serum,Plasma/Triglycerides
5412 mean_Carbon_Dioxide<=QALY*log(Urea_Nitrogen)/log(10)
5413 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,DALY^2)
5414 mean_Carbon_Dioxide<=Carbon_Dioxide+log(Glucose)
5415 mean_Carbon_Dioxide<=Erythrocyte_distribution_width__Entitic_volume__by_Aut
omated_count-procedures_lifetime-1
5416 mean_Carbon_Dioxide<=maximum(Carbon_Dioxide,Alanine_aminotransferase__Enzym
atic_activity_volume__in_Serum,Plasma-1)
5417
mean_Carbon_Dioxide<=Urea_Nitrogen+e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
5418 mean_Carbon_Dioxide>=longitude
5419 mean_Carbon_Dioxide>=Potassium*log(Body_Weight)
5420 mean_Carbon_Dioxide>=Albumin__Mass_volume__in_Serum,Plasma*sqrt(Creatinine)
5421 mean_Carbon_Dioxide>=minimum(mean_Aspartate_aminotransferase__Enzymatic_act
ivity_volume__in_Serum,Plasma,Carbon_Dioxide-1)
5422 mean_Carbon_Dioxide>=Calcium+1/2*Carbon_Dioxide
5423 mean_Carbon_Dioxide>=Carbon_Dioxide^QOLS
5424 mean_Carbon_Dioxide>=(QALY-1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
5425 mean_Carbon_Dioxide>=Carbon_Dioxide/active_conditions
5426 mean_Carbon_Dioxide>=Calcium*log(lifetime_care_plan_length)/log(10)
5427 mean_Carbon_Dioxide>=-Respiratory_rate+ceil(MCHC__Mass_volume__by_Automated
_count)
5428 mean_Carbon_Dioxide>=-healthcare_expenses
5429 mean_Carbon_Dioxide>=2*lifetime_condition_length/active_condition_length
5430 mean_Carbon_Dioxide>=1/2*Triglycerides/mean_Calcium
5431 mean_Carbon_Dioxide>=-Body_Weight+procedures_lifetime
5432 mean_Carbon_Dioxide>=Pain_severity___0_10_verbal_numeric_rating__Score___R

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eported*floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5433 mean_Carbon_Dioxide>=healthcare_expenses^longitude
5434 mean_Carbon_Dioxide>=Carbon_Dioxide-DALY
5435
mean_Carbon_Dioxide>=(Sodium+1)/Glomerular_filtration_rate_1_73_sq_M_predicted
5436 mean_Carbon_Dioxide>=Carbon_Dioxide*QOLS
5437 mean_Carbon_Dioxide>=2*Body_Weight/Urea_Nitrogen
5438 mean_Carbon_Dioxide>=2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Au
tomated_count-immunizations_lifetime
5439 mean_Carbon_Dioxide>=(1/2*Diastolic_Blood_Pressure)^medications_lifetime_pe
rc_covered
5440 mean_Carbon_Dioxide>=Body_Weight-Low_Density_Lipoprotein_Cholesterol-1
5441 mean_Carbon_Dioxide>=immunizations_lifetime_cost*log(Bilirubin_total__Mass_
volume__in_Serum,Plasma)
5442 mean_Carbon_Dioxide>=minimum(Estimated_Glomerular_Filtration_Rate,DALY-1)
5443 mean_Carbon_Dioxide>=Carbon_Dioxide-healthcare_coverage
5444
mean_Carbon_Dioxide>=sqrt(healthcare_coverage)/Microalbumin_Creatinine_Ratio
5445 mean_Carbon_Dioxide>=(Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma-1)*encounters_lifetime_perc_covered
5446 mean_Carbon_Dioxide>=sqrt(medications_lifetime)-active_care_plans
5447 mean_Carbon_Dioxide>=minimum(Carbon_Dioxide,mean_Hemoglobin_A1c_Hemoglobin_
total_in_Blood)
5448 mean_Carbon_Dioxide>=DALY-medications_lifetime+1
5449 mean_Carbon_Dioxide>=Erythrocytes___volume__in_Blood_by_Automated_count^2-
mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
5450 mean_Carbon_Dioxide>=-Erythrocytes___volume__in_Blood_by_Automated_count+1
/2*active_care_plan_length
5451 mean_Carbon_Dioxide>=sqrt(QALY)+active_conditions
5452 mean_Carbon_Dioxide>=floor(DALY)-mean_Body_Mass_Index
5453 mean_Carbon_Dioxide>=Carbon_Dioxide-medications_lifetime
5454 mean_Carbon_Dioxide>=(Platelet_mean_volume__Entitic_volume__in_Blood_by_Aut
omated_count+1)/QOLS
5455 mean_Carbon_Dioxide>=1/2*Platelet_mean_volume__Entitic_volume__in_Blood_by_
Automated_count/encounters_lifetime_perc_covered
5456 mean_Carbon_Dioxide>=(10^healthcare_expenses)^longitude
5457 mean_Carbon_Dioxide>=Respiratory_rate*log(Prostate_specific_Ag__Mass_volume
__in_Serum,Plasma)
5458 mean_Carbon_Dioxide>=DALY^2/lifetime_care_plan_length
5459 mean_Carbon_Dioxide>=lifetime_care_plans+mean_Urea_Nitrogen-1
5460 mean_Carbon_Dioxide>=2*active_condition_length-mean_Systolic_Blood_Pressure
5461 mean_Carbon_Dioxide>=1/2*lifetime_care_plan_length/Erythrocytes___volume__
in_Blood_by_Automated_count
5462 mean_Carbon_Dioxide>=medications_active^2/active_care_plans
5463 mean_Carbon_Dioxide>=1/QOLS+mean_Respiratory_rate
5464 mean_Carbon_Dioxide>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+fl
oor(Carbon_Dioxide)
5465 mean_Carbon_Dioxide>=2*Platelet_distribution_width__Entitic_volume__in_Bloo

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d_by_Automated_count/latitude
5466 mean_Carbon_Dioxide>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/e
ncounters_lifetime_perc_covered
5467 mean_Carbon_Dioxide>=Carbon_Dioxide*sqrt(medications_lifetime_perc_covered)
5468 mean_Carbon_Dioxide>=Carbon_Dioxide*log(medications_active)/log(10)
5469
mean_Carbon_Dioxide>=floor(Hemoglobin__Mass_volume__in_Blood)/mean_Creatinine
5470 mean_Carbon_Dioxide>=1/2*Hematocrit__Volume_Fraction__of_Blood_by_Automated
_count/DALY
5471 mean_Carbon_Dioxide>=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood/Creatinine
5472 mean_Chloride<=healthcare_expenses
5473 mean_Chloride<=1/2*Diastolic_Blood_Pressure+mean_Protein__Mass_volume__in_S
erum,Plasma
5474 mean_Chloride<=Chloride+procedures_lifetime_cost
5475 mean_Chloride<=Chloride+log(QALY)
5476 mean_Chloride<=maximum(lifetime_condition_length,Chloride)
5477 mean_Chloride<=Chloride/num_allergies
5478 mean_Chloride<=sqrt(Urea_Nitrogen)+Chloride
5479 mean_Chloride<=Chloride+1/2*active_conditions
5480 mean_Chloride<=Chloride+medications_lifetime
5481 mean_Chloride<=maximum(medications_lifetime_cost,Chloride)
5482 mean_Chloride<=2*Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+M
CH__Entitic_mass__by_Automated_count
5483 mean_Chloride<=Chloride^active_conditions
5484 mean_Chloride<=Chloride/QOLS
5485 mean_Chloride<=-MCH__Entitic_mass__by_Automated_count+Sodium-1
5486 mean_Chloride<=10^QOLS*Body_Weight
5487 mean_Chloride<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+floor(Chl
oride)
5488 mean_Chloride<=Chloride+floor(DALY)
5489 mean_Chloride<=-Carbon_Dioxide+floor(Sodium)
5490 mean_Chloride<=floor(Sodium)-mean_Carbon_Dioxide
5491 mean_Chloride<=maximum(Systolic_Blood_Pressure,Chloride)
5492 mean_Chloride<=QALY+mean_Diastolic_Blood_Pressure+1
5493 mean_Chloride<=Chloride+healthcare_coverage
5494 mean_Chloride<=Chloride^active_care_plans
5495 mean_Chloride<=-Bilirubin_total__Mass_volume__in_Serum,Plasma+1/2*medicatio
ns_lifetime_dispensers
5496 mean_Chloride<=Calcium^2+MCH__Entitic_mass__by_Automated_count
5497 mean_Chloride<=Heart_rate*sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5498 mean_Chloride<=Chloride+log(Microalbumin_Creatinine_Ratio)
5499 mean_Chloride<=floor(Protein__Mass_volume__in_Serum,Plasma)+latitude
5500 mean_Chloride<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood*encounters_lifet
ime_perc_covered
5501 mean_Chloride<=2*Heart_rate-mean_Respiratory_rate
5502 mean_Chloride<=sqrt(Glomerular_filtration_rate_1_73_sq_M_predicted)+Triglyc
erides
5503 mean_Chloride<=Triglycerides+1/2*Urea_Nitrogen

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5504 mean_Chloride<=(Respiratory_rate-1)*Aspartate_aminotransferase__Enzymatic_a
ctivity_volume__in_Serum,Plasma
5505 mean_Chloride<=2*healthcare_coverage/mean_Microalbumin_Creatinine_Ratio
5506 mean_Chloride<=1/2*Low_Density_Lipoprotein_Cholesterol+mean_Diastolic_Blood
_Pressure
5507 mean_Chloride<=1/2*Glucose+mean_Diastolic_Blood_Pressure
5508 mean_Chloride<=10^Pain_severity___0_10_verbal_numeric_rating__Score____Repo
rted*Chloride
5509 mean_Chloride<=2*Chloride-Heart_rate
5510 mean_Chloride<=(active_care_plans+1)*QALY
5511 mean_Chloride<=1/imaging_studies_lifetime+Chloride
5512 mean_Chloride<=ceil(QALY)+mean_Protein__Mass_volume__in_Serum,Plasma
5513 mean_Chloride<=maximum(Chloride,10^DALY)
5514 mean_Chloride<=sqrt(Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma)*mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,
Plasma
5515 mean_Chloride<=10^Creatinine+Chloride
5516 mean_Chloride<=2*Chloride*Creatinine
5517 mean_Chloride<=Chloride+floor(Potassium)
5518 mean_Chloride<=sqrt(Aspartate_aminotransferase__Enzymatic_activity_volume__
in_Serum,Plasma)+Chloride
5519 mean_Chloride>=latitude
5520 mean_Chloride>=-active_care_plans+floor(Chloride)
5521 mean_Chloride>=1/2*Total_Cholesterol-
mean_Estimated_Glomerular_Filtration_Rate
5522 mean_Chloride>=Chloride/active_conditions
5523 mean_Chloride>=-Albumin__Mass_volume__in_Serum,Plasma+Chloride
5524 mean_Chloride>=Systolic_Blood_Pressure-
mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+1
5525 mean_Chloride>=Chloride-medications_lifetime
5526 mean_Chloride>=Body_Weight*log(active_conditions)/log(10)
5527 mean_Chloride>=2*active_conditions-longitude
5528 mean_Chloride>=-healthcare_expenses
5529 mean_Chloride>=floor(Microalbumin_Creatinine_Ratio)-mean_Microalbumin_Creat
inine_Ratio
5530 mean_Chloride>=minimum(Chloride,mean_High_Density_Lipoprotein_Cholesterol)
5531 mean_Chloride>=Chloride^QOLS
5532 mean_Chloride>=-DALY+floor(Chloride)
5533 mean_Chloride>=healthcare_expenses^longitude
5534 mean_Chloride>=DALY*log(MCV__Entitic_volume__by_Automated_count)
5535 mean_Chloride>=log(QOLS)/log(10)+procedures_lifetime
5536 mean_Chloride>=-age+e^Albumin__Mass_volume__in_Serum,Plasma
5537 mean_Chloride>=Chloride-healthcare_coverage
5538 mean_Chloride>=High_Density_Lipoprotein_Cholesterol+mean_Carbon_Dioxide-1
5539 mean_Chloride>=1/encounters_lifetime_perc_covered+Heart_rate
5540 mean_Chloride>=-Potassium+floor(Chloride)
5541 mean_Chloride>=Creatinine*Globulin__Mass_volume__in_Serum_by_calculation^2
5542 mean_Chloride>=sqrt(Glucose)/QOLS

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5543 mean_Chloride>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*floor(Hemoglobin_M
ass_volume__in_Blood)
5544 mean_Chloride>=(Chloride-1)/active_care_plans
5545
mean_Chloride>=Glomerular_filtration_rate_1_73_sq_M_predicted+Respiratory_rate
5546 mean_Chloride>=minimum(Chloride,1/2*Triglycerides)
5547 mean_Chloride>=log(active_care_plans)^medications_active
5548 mean_Chloride>=Carbon_Dioxide+Protein__Mass_volume__in_Serum,Plasma
5549 mean_Chloride>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma*log(active_conditions)
5550 mean_Chloride>=(e^num_allergies)^mean_Potassium
5551 mean_Chloride>=Diastolic_Blood_Pressure+Potassium-1
5552 mean_Chloride>=minimum(latitude,10^healthcare_expenses)
5553 mean_Chloride>=active_condition_length+2*active_conditions
5554 mean_Chloride>=minimum(Chloride,mean_Body_Mass_Index)
5555
mean_Chloride>=minimum(Chloride,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5556 mean_Chloride>=Carbon_Dioxide+High_Density_Lipoprotein_Cholesterol+1
5557 mean_Chloride>=1/2*medications_lifetime_length/Glucose
5558
mean_Chloride>=minimum(medications_lifetime,1/medications_lifetime_perc_covered)
5559 mean_Chloride>=Chloride-active_conditions+1
5560 mean_Chloride>=minimum(Chloride,Calcium^2)
5561 mean_Creatinine<=healthcare_expenses
5562 mean_Creatinine<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,
Plasma/mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported
5563 mean_Creatinine<=Creatinine*active_care_plans
5564 mean_Creatinine<=maximum(active_conditions,Creatinine)
5565 mean_Creatinine<=-Glucose+2*Heart_rate
5566 mean_Creatinine<=(medications_lifetime_dispenses-1)^Bilirubin_total__Mass_v
olume__in_Serum,Plasma
5567 mean_Creatinine<=Creatinine*active_conditions
5568 mean_Creatinine<=Triglycerides/active_conditions
5569 mean_Creatinine<=Creatinine+procedures_lifetime_cost
5570 mean_Creatinine<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
d_count^2-mean_Heart_rate
5571 mean_Creatinine<=QOLS/imaging_studies_lifetime
5572 mean_Creatinine<=Calcium^2/Respiratory_rate
5573 mean_Creatinine<=Creatinine+medications_lifetime
5574 mean_Creatinine<=maximum(Glomerular_filtration_rate_1_73_sq_M_predicted,Cre
atinine+1)
5575 mean_Creatinine<=maximum(procedures_lifetime,log(Low_Density_Lipoprotein_Ch
olesterol))
5576 mean_Creatinine<=maximum(medications_lifetime,Creatinine)
5577 mean_Creatinine<=QOLS*ceil(active_care_plan_length)
5578 mean_Creatinine<=Creatinine+floor(DALY)
5579 mean_Creatinine<=maximum(Triglycerides,Creatinine)
5580 mean_Creatinine<=Creatinine+log(Leukocytes___volume__in_Blood_by_Automated

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_count)
5581 mean_Creatinine<=maximum(DALY,sqrt(Estimated_Glomerular_Filtration_Rate))
5582
mean_Creatinine<=log(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count-1)
5583 mean_Creatinine<=2*MCV__Entitic_volume__by_Automated_count/active_condition
_length
5584 mean_Creatinine<=Leukocytes___volume__in_Blood_by_Automated_count^2/Hemogl
obin_A1c_Hemoglobin_total_in_Blood
5585 mean_Creatinine<=log(Platelets___volume__in_Blood_by_Automated_count)-mean
_Pain_severity___0_10_verbal_numeric_rating_Score___Reported
5586 mean_Creatinine<=1/encounters_lifetime_perc_covered+active_care_plans
5587 mean_Creatinine<=log(QALY)/num_allergies
5588 mean_Creatinine<=ceil(Creatinine)+procedures_lifetime
5589 mean_Creatinine<=maximum(Glomerular_filtration_rate_1_73_sq_M_predicted,2*C
reatinine)
5590 mean_Creatinine<=minimum(Platelet_distribution_width__Entitic_volume__in_Bl
ood_by_Automated_count,Albumin__Mass_volume__in_Serum,Plasma-1)
5591 mean_Creatinine<=medications_lifetime/medications_active
5592 mean_Creatinine<=maximum(Creatinine,sqrt(medications_lifetime))
5593 mean_Creatinine<=sqrt(age)/immunizations_lifetime
5594 mean_Creatinine<=Creatinine+healthcare_coverage
5595 mean_Creatinine<=maximum(procedures_lifetime,log(age))
5596 mean_Creatinine<=10^encounters_lifetime_perc_covered*Creatinine
5597 mean_Creatinine<=sqrt(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)^R
espiratory_rate
5598 mean_Creatinine<=-Body_Mass_Index+1/2*Glucose
5599 mean_Creatinine<=QALY^2/Total_Cholesterol
5600 mean_Creatinine<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Re
ported+active_care_plans
5601 mean_Creatinine<=Creatinine/num_allergies
5602 mean_Creatinine>=longitude
5603 mean_Creatinine>=minimum(active_care_plans,Creatinine-1)
5604 mean_Creatinine>=minimum(QOLS,Creatinine)
5605 mean_Creatinine>=-healthcare_expenses
5606 mean_Creatinine>=Creatinine-medications_lifetime
5607 mean_Creatinine>=Creatinine/active_conditions
5608 mean_Creatinine>=1/2*num_allergies
5609 mean_Creatinine>=Creatinine*floor(QOLS)
5610 mean_Creatinine>=minimum(encounters_lifetime_perc_covered,Creatinine)
5611 mean_Creatinine>=minimum(imaging_studies_lifetime,Creatinine)
5612 mean_Creatinine>=1/2*QOLS
5613 mean_Creatinine>=log(Alkaline_phosphatase__Enzymatic_activity_volume__in_Se
rum,Plasma)/log(10)-immunizations_lifetime
5614 mean_Creatinine>=minimum(device_lifetime_length,Creatinine)
5615 mean_Creatinine>=minimum(Creatinine,sqrt(encounters_lifetime_perc_covered))
5616 mean_Creatinine>=Creatinine^FEV1_FVC
5617 mean_Creatinine>=-Albumin__Mass_volume__in_Serum,Plasma+1/2*Creatinine
5618 mean_Creatinine>=healthcare_expenses^longitude

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5619 mean_Creatinine>=Bilirubin_total__Mass_volume__in_Serum,Plasma/QOLS
5620 mean_Creatinine>=1/2*encounters_count/High_Density_Lipoprotein_Cholesterol
5621 mean_Creatinine>=minimum(Creatinine,sqrt(QOLS))
5622 mean_Creatinine>=-Hemoglobin_A1c_Hemoglobin_total_in_Blood+log(Platelets___
    _volume__in_Blood_by_Automated_count)
5623 mean_Creatinine>=Creatinine-healthcare_coverage
5624 mean_Creatinine>=minimum(Creatinine,Pain_severity___0_10_verbal_numeric_rat
    ing__Score____Reported-1)
5625 mean_Creatinine>=sqrt(DALY)-Hemoglobin_A1c_Hemoglobin_total_in_Blood
5626 mean_Creatinine>=2*medications_lifetime/Platelets___volume__in_Blood_by_Au
    tomatized_count
5627 mean_Creatinine>=sqrt(DALY)*num_allergies
5628 mean_Creatinine>=lifetime_conditions-mean_Respiratory_rate-1
5629 mean_Creatinine>=-Estimated_Glomerular_Filtration_Rate+2*Pain_severity___0_
    10_verbal_numeric_rating__Score____Reported
5630 mean_Creatinine>=mean_Microalbumin_Creatinine_Ratio/Heart_rate
5631 mean_Creatinine>=(encounters_count+1)/mean_Triglycerides
5632 mean_Creatinine>=immunizations_lifetime/Prostate_specific_Ag__Mass_volume__
    in_Serum,Plasma
5633 mean_Creatinine>=mean_Microalbumin_Creatinine_Ratio/mean_Diastolic_Blood_Pr
    essure
5634 mean_Creatinine>=(10^healthcare_expenses)^longitude
5635 mean_Creatinine>=ceil(Bilirubin_total__Mass_volume__in_Serum,Plasma)-num_al
    lergies
5636 mean_Creatinine>=floor(Creatinine)/active_care_plans
5637 mean_Creatinine>=minimum(Creatinine,2*encounters_lifetime_perc_covered)
5638 mean_Creatinine>=(Globulin__Mass_volume__in_Serum_by_calculation-1)^QOLS
5639 mean_Creatinine>=minimum(Creatinine,log(active_conditions)/log(10))
5640 mean_Creatinine>=log(Glomerular_filtration_rate_1_73_sq_M_predicted)/log(10
    )-procedures_lifetime
5641 mean_Creatinine>=minimum(Potassium,Creatinine-1)
5642
mean_Creatinine>=minimum(Creatinine,-Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5643 mean_Creatinine>=Bilirubin_total__Mass_volume__in_Serum,Plasma-
    Pain_severity___0_10_verbal_numeric_rating__Score____Reported+1
5644 mean_Creatinine>=floor(device_lifetime_length)/mean_Estimated_Glomerular_Fi
    ltration_Rate
5645 mean_Creatinine>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted/Carbon_
    Dioxide
5646 mean_Creatinine>=2*procedures_lifetime/Platelet_mean_volume__Entitic_volume
    __in_Blood_by_Automated_count
5647 mean_Creatinine>=1/2*Microalbumin_Creatinine_Ratio/QALY
5648 mean_DALY<=healthcare_expenses
5649 mean_DALY<=active_condition_length
5650 mean_DALY<=DALY
5651 mean_DALY>=longitude
5652 mean_DALY>=imaging_studies_lifetime
5653 mean_DALY>=DALY

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5654 mean_Diastolic_Blood_Pressure<=healthcare_expenses
5655 mean_Diastolic_Blood_Pressure<=-Carbon_Dioxide+Systolic_Blood_Pressure
5656 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,2*latitude)
5657
mean_Diastolic_Blood_Pressure<=sqrt(encounters_count)+Diastolic_Blood_Pressure
5658 mean_Diastolic_Blood_Pressure<=maximum(lifetime_condition_length,Diastolic_
Blood_Pressure)
5659 mean_Diastolic_Blood_Pressure<=-longitude/medications_lifetime_perc_covered
5660 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure^lifetime_conditions
5661
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+active_care_plan_length
5662
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+medications_lifetime
5663 mean_Diastolic_Blood_Pressure<=maximum(medications_lifetime_cost,Diastolic_
Blood_Pressure)
5664
mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+procedures_lifetime_cost
5665 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure/QOLS
5666 mean_Diastolic_Blood_Pressure<=maximum(mean_Heart_rate,Diastolic_Blood_Pres
sure+1)
5667 mean_Diastolic_Blood_Pressure<=2*Sodium/Globulin__Mass_volume__in_Serum_by_
calculation
5668 mean_Diastolic_Blood_Pressure<=sqrt(active_care_plan_length)+Diastolic_Bloo
d_Pressure
5669 mean_Diastolic_Blood_Pressure<=Carbon_Dioxide^2/Albumin__Mass_volume__in_Se
rum,Plasma
5670 mean_Diastolic_Blood_Pressure<=Alkaline_phosphatase__Enzymatic_activity_vol
ume__in_Serum,Plasma+2*Body_Mass_Index
5671
mean_Diastolic_Blood_Pressure<=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*age
5672 mean_Diastolic_Blood_Pressure<=sqrt(QALY)+Diastolic_Blood_Pressure
5673 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,10^active_c
are_plans)
5674
mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,Urea_Nitrogen^2)
5675 mean_Diastolic_Blood_Pressure<=-Creatinine+ceil(Triglycerides)
5676 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+1/2*Glomerular_filt
ration_rate_1_73_sq_M_predicted
5677 mean_Diastolic_Blood_Pressure<=Albumin__Mass_volume__in_Serum,Plasma^mean_A
lbumin__Mass_volume__in_Serum,Plasma
5678 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,sqrt(health
care_coverage))
5679 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,e^lifetime_
conditions)
5680 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+Leukocytes___volum
e__in_Blood_by_Automated_count
5681 mean_Diastolic_Blood_Pressure<=MCV__Entitic_volume__by_Automated_count+immu
nizations_lifetime_cost-1

```


5682 mean_Diastolic_Blood_Pressure<=Diastolic_Blood_Pressure+2*active_care_plans
 5683 mean_Diastolic_Blood_Pressure<=Low_Density_Lipoprotein_Cholesterol+mean_Estimated_Glomerular_Filtration_Rate-1
 5684 mean_Diastolic_Blood_Pressure<=1/2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Diastolic_Blood_Pressure
 5685 mean_Diastolic_Blood_Pressure<=sqrt(Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)+Diastolic_Blood_Pressure
 5686 mean_Diastolic_Blood_Pressure<=ceil(Carbon_Dioxide)*mean_Potassium
 5687 mean_Diastolic_Blood_Pressure<=10^Pain_severity__0_10_verbal_numeric_rating_Score___Reported*Diastolic_Blood_Pressure
 5688 mean_Diastolic_Blood_Pressure<=ceil(Glucose)+immunizations_lifetime_cost
 5689 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,e^medications_lifetime)
 5690 mean_Diastolic_Blood_Pressure<=ceil(QALY)+mean_High_Density_Lipoprotein_Cholesterol
 5691 mean_Diastolic_Blood_Pressure<=maximum(Diastolic_Blood_Pressure,10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 5692 mean_Diastolic_Blood_Pressure<=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood*High_Density_Lipoprotein_Cholesterol
 5693 mean_Diastolic_Blood_Pressure<=sqrt(Erythrocyte_distribution_width__Entitic_volume__by_Automated_count)+Diastolic_Blood_Pressure
 5694 mean_Diastolic_Blood_Pressure<=sqrt(Creatinine)*Systolic_Blood_Pressure
 5695 mean_Diastolic_Blood_Pressure<=High_Density_Lipoprotein_Cholesterol*log(Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)/log(10)
 5696 mean_Diastolic_Blood_Pressure>=latitude
 5697 mean_Diastolic_Blood_Pressure>=Calcium+ceil(active_condition_length)
 5698 mean_Diastolic_Blood_Pressure>=2*Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 5699 mean_Diastolic_Blood_Pressure>=1/2*Diastolic_Blood_Pressure/Creatinine
 5700 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure/lifetime_conditions
 5701 mean_Diastolic_Blood_Pressure>=procedures_lifetime^2/Sodium
 5702 mean_Diastolic_Blood_Pressure>=-Erythrocyte_distribution_width__Entitic_volume__by_Automated_count+1/2*Total_Cholesterol
 5703 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure*floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
 5704 mean_Diastolic_Blood_Pressure>=2*MCH__Entitic_mass__by_Automated_count+Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 5705
 mean_Diastolic_Blood_Pressure>=ceil(1/2*Estimated_Glomerular_Filtration_Rate)
 5706 mean_Diastolic_Blood_Pressure>=Respiratory_rate*log(Low_Density_Lipoprotein_Cholesterol)
 5707 mean_Diastolic_Blood_Pressure>=-Carbon_Dioxide+Heart_rate
 5708 mean_Diastolic_Blood_Pressure>=healthcare_expenses^longitude
 5709 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-active_care_plan_length
 5710 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 5711 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-

```

medications_lifetime
5712 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure-
procedures_lifetime_cost
5713 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,QALY+1)
5714 mean_Diastolic_Blood_Pressure>=device_lifetime_length^2/latitude
5715 mean_Diastolic_Blood_Pressure>=Diastolic_Blood_Pressure^QOLS
5716 mean_Diastolic_Blood_Pressure>=-DALY+Diastolic_Blood_Pressure
5717 mean_Diastolic_Blood_Pressure>=minimum(active_care_plan_length,Diastolic_Blood_Pressure)
5718 mean_Diastolic_Blood_Pressure>=log(Microalbumin_Creatinine_Ratio)-longitude
5719 mean_Diastolic_Blood_Pressure>=-Chloride+2*Glomerular_filtration_rate_1_73_sq_M_predicted
5720 mean_Diastolic_Blood_Pressure>=minimum(procedures_lifetime,ceil(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma))
5721 mean_Diastolic_Blood_Pressure>=sqrt(encounters_lifetime_payer_coverage)*encounters_lifetime_perc_covered
5722 mean_Diastolic_Blood_Pressure>=-Calcium+floor(age)
5723 mean_Diastolic_Blood_Pressure>=log(Microalbumin_Creatinine_Ratio)+mean_High_Density_Lipoprotein_Cholesterol
5724 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,1/medications_lifetime_perc_covered)
5725 mean_Diastolic_Blood_Pressure>=Carbon_Dioxide^2/Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
5726 mean_Diastolic_Blood_Pressure>=Calcium^2-Body_Mass_Index
5727 mean_Diastolic_Blood_Pressure>=(medications_lifetime+1)/mean_Urea_Nitrogen
5728 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,Creatinine)
5729 mean_Diastolic_Blood_Pressure>=minimum(age,1/medications_active)
5730 mean_Diastolic_Blood_Pressure>=Sodium-mean_Low_Density_Lipoprotein_Cholesterol
5731 mean_Diastolic_Blood_Pressure>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*active_conditions
5732 mean_Diastolic_Blood_Pressure>=mean_Glucose/active_care_plans
5733 mean_Diastolic_Blood_Pressure>=Body_Mass_Index+Hematocrit__Volume_Fraction_of_Blood_by_Automated_count+1
5734 mean_Diastolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
5735 mean_Diastolic_Blood_Pressure>=ceil(MCV__Entitic_volume__by_Automated_count)-mean_Urea_Nitrogen
5736
mean_Diastolic_Blood_Pressure>=1/2*Calcium*Hemoglobin__Mass_volume__in_Blood
5737 mean_Diastolic_Blood_Pressure>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+floor(active_care_plan_length)
5738 mean_Diastolic_Blood_Pressure>=minimum(Diastolic_Blood_Pressure,10^device_lifetime_length)
5739 mean_Diastolic_Blood_Pressure>=2*medications_lifetime/Hemoglobin__Mass_volume__in_Blood
5740 mean_Diastolic_Blood_Pressure>=Calcium*log(medications_lifetime_dispenses)
5741 mean_Diastolic_Blood_Pressure>=MCV__Entitic_volume__by_Automated_count*log(medications_active)/log(10)

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5742 mean_Estimated_Glomerular_Filtration_Rate<=healthcare_expenses
 5743 mean_Estimated_Glomerular_Filtration_Rate<=Creatinine^2+Estimated_Glomerular_Filtration_Rate
 5744 mean_Estimated_Glomerular_Filtration_Rate<=Estimated_Glomerular_Filtration_Rate+1/2*mean_Urea_Nitrogen
 5745 mean_Estimated_Glomerular_Filtration_Rate<=Estimated_Glomerular_Filtration_Rate+e^procedures_lifetime
 5746 mean_Estimated_Glomerular_Filtration_Rate<=maximum(age,Estimated_Glomerular_Filtration_Rate)
 5747 mean_Estimated_Glomerular_Filtration_Rate<=(log(Sodium)/log(10))^Estimated_Glomerular_Filtration_Rate
 5748 mean_Estimated_Glomerular_Filtration_Rate<=Diastolic_Blood_Pressure^2/Microalbumin_Creatinine_Ratio
 5749 mean_Estimated_Glomerular_Filtration_Rate<=maximum(Estimated_Glomerular_Filtration_Rate,mean_High_Density_Lipoprotein_Cholesterol-1)
 5750 mean_Estimated_Glomerular_Filtration_Rate<=(encounters_count-1)/device_lifetime_length
 5751 mean_Estimated_Glomerular_Filtration_Rate<=sqrt(active_condition_length)+Estimated_Glomerular_Filtration_Rate
 5752 mean_Estimated_Glomerular_Filtration_Rate<=mean_Carbon_Dioxide^2-Microalbumin_Creatinine_Ratio
 5753 mean_Estimated_Glomerular_Filtration_Rate<=(Carbon_Dioxide-1)/num_allergies
 5754 mean_Estimated_Glomerular_Filtration_Rate<=10^(10^encounters_lifetime_perc_covered)
 5755 mean_Estimated_Glomerular_Filtration_Rate<=healthcare_coverage^sqrt(QOLS)
 5756 mean_Estimated_Glomerular_Filtration_Rate<=10^Hemoglobin_A1c_Hemoglobin_total_in_Blood/DALY
 5757 mean_Estimated_Glomerular_Filtration_Rate<=(log(mean_Urea_Nitrogen)/log(10))^Low_Density_Lipoprotein_Cholesterol
 5758 mean_Estimated_Glomerular_Filtration_Rate<=sqrt(High_Density_Lipoprotein_Cholesterol)+Estimated_Glomerular_Filtration_Rate
 5759 mean_Estimated_Glomerular_Filtration_Rate<=Estimated_Glomerular_Filtration_Rate+1/2*Urea_Nitrogen
 5760 mean_Estimated_Glomerular_Filtration_Rate<=Sodium^2/medications_lifetime
 5761 mean_Estimated_Glomerular_Filtration_Rate<=e^Calcium/Microalbumin_Creatinine_Ratio
 5762 mean_Estimated_Glomerular_Filtration_Rate>=longitude
 5763 mean_Estimated_Glomerular_Filtration_Rate>=(1/2*Glomerular_filtration_rate_1_73_sq_M_predicted)^medications_lifetime_perc_covered
 5764 mean_Estimated_Glomerular_Filtration_Rate>=healthcare_expenses^longitude
 5765
 mean_Estimated_Glomerular_Filtration_Rate>=-mean_Body_Weight+mean_Heart_rate+1
 5766
 mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_Rate-procedures_lifetime_cost
 5767 mean_Estimated_Glomerular_Filtration_Rate>=sqrt(lifetime_care_plan_length)-Calcium
 5768

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mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_Rate-
procedures_lifetime-1
5769 mean_Estimated_Glomerular_Filtration_Rate>=-healthcare_expenses
5770 mean_Estimated_Glomerular_Filtration_Rate>=minimum(Estimated_Glomerular_Fil-
tration_Rate,1/mean_Pain_severity__0_10_verbal_numeric_rating__Score___Reporte-
d)
5771
mean_Estimated_Glomerular_Filtration_Rate>=ceil(mean_Glucose)/active_conditions
5772
mean_Estimated_Glomerular_Filtration_Rate>=Estimated_Glomerular_Filtration_Rate-
medications_active-1
5773 mean_Estimated_Glomerular_Filtration_Rate>=mean_Heart_rate-
medications_lifetime
5774 mean_Estimated_Glomerular_Filtration_Rate>=-1/Respiratory_rate+lifetime_car-
e_plans
5775 mean_Estimated_Glomerular_Filtration_Rate>=-Microalbumin_Creatinine_Ratio+f-
loor(QALY)
5776 mean_Estimated_Glomerular_Filtration_Rate>=1/2*Systolic_Blood_Pressure-
mean_Microalbumin_Creatinine_Ratio
5777
mean_Estimated_Glomerular_Filtration_Rate>=(10^healthcare_expenses)^longitude
5778 mean_Estimated_Glomerular_Filtration_Rate>=(Carbon_Dioxide-1)^num_allergies
5779 mean_Estimated_Glomerular_Filtration_Rate>=ceil(High_Density_Lipoprotein_Ch-
olesterol)/DALY
5780
mean_Estimated_Glomerular_Filtration_Rate>=2*mean_Carbon_Dioxide/mean_Creatinine
5781 mean_Estimated_Glomerular_Filtration_Rate>=Systolic_Blood_Pressure-
mean_Triglycerides
5782
mean_Estimated_Glomerular_Filtration_Rate>=High_Density_Lipoprotein_Cholesterol-
Low_Density_Lipoprotein_Cholesterol+1
5783 mean_Estimated_Glomerular_Filtration_Rate>=-Total_Cholesterol+mean_Total_Ch-
olesterol+1
5784 mean_Estimated_Glomerular_Filtration_Rate>=(log(mean_Urea_Nitrogen)/log(10)
)^active_conditions
5785 mean_Estimated_Glomerular_Filtration_Rate>=2*mean_Calcium-
procedures_lifetime
5786 mean_Estimated_Glomerular_Filtration_Rate>=-age+floor(mean_Diastolic_Blood_
Pressure)
5787 mean_Glucose<=healthcare_expenses
5788 mean_Glucose<=Chloride+1/2*Microalbumin_Creatinine_Ratio
5789 mean_Glucose<=2*Albumin__Mass_volume__in_Serum,Plasma+mean_Chloride
5790 mean_Glucose<=Glucose+mean_Urea_Nitrogen-1
5791 mean_Glucose<=Glucose*ceil(DALY)
5792 mean_Glucose<=MCV__Entitic_volume__by_Automated_count+encounters_count+1
5793 mean_Glucose<=e^Albumin__Mass_volume__in_Serum,Plasma-longitude
5794 mean_Glucose<=Glucose+1/2*Hemoglobin__Mass_volume__in_Blood
5795 mean_Glucose<=Glucose^active_care_plans

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5796 mean_Glucose<=maximum(medications_lifetime_dispenses,Glucose)
5797 mean_Glucose<=Glucose+healthcare_coverage
5798 mean_Glucose<=mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+mean_Heart_rate
5799 mean_Glucose<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Triglycerides
5800 mean_Glucose<=e^Albumin__Mass_volume__in_Serum,Plasma+mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
5801 mean_Glucose<=2*Creatinine*Glucose
5802 mean_Glucose<=maximum(Glucose,e^active_conditions)
5803 mean_Glucose<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+e^Potassium
5804 mean_Glucose<=10^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-longitude
5805 mean_Glucose<=Heart_rate^active_conditions
5806 mean_Glucose<=mean_Diastolic_Blood_Pressure^active_care_plans
5807 mean_Glucose<=1/2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count+Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
5808 mean_Glucose<=maximum(medications_lifetime_cost,Glucose)
5809 mean_Glucose<=maximum(Body_Height,Glucose)
5810 mean_Glucose<=MCV__Entitic_volume__by_Automated_count^2/MCHC__Mass_volume__by_Automated_count
5811 mean_Glucose<=maximum(Glucose,mean_Low_Density_Lipoprotein_Cholesterol)
5812
mean_Glucose<=active_care_plan_length+e^Estimated_Glomerular_Filtration_Rate
5813 mean_Glucose<=Diastolic_Blood_Pressure^2/DALY
5814 mean_Glucose<=Glucose+medications_lifetime
5815 mean_Glucose<=(latitude-1)*Globulin__Mass_volume__in_Serum_by_calculation
5816 mean_Glucose<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count^2/active_conditions
5817 mean_Glucose<=sqrt(Microalbumin_Creatinine_Ratio)*mean_Estimated_Glomerular_Filtration_Rate
5818 mean_Glucose<=Potassium^2+Glucose
5819 mean_Glucose<=maximum(Glucose,medications_lifetime^2)
5820 mean_Glucose<=Low_Density_Lipoprotein_Cholesterol+2*encounters_count
5821 mean_Glucose<=-DALY+mean_Triglycerides
5822 mean_Glucose<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(encounters_lifetime_total_cost)/log(10)
5823 mean_Glucose<=maximum(mean_Diastolic_Blood_Pressure,e^Estimated_Glomerular_Filtration_Rate)
5824 mean_Glucose<=(encounters_lifetime_perc_covered+1)*Glucose
5825 mean_Glucose<=1/imaging_studies_lifetime+mean_Heart_rate
5826 mean_Glucose<=Respiratory_rate*mean_Urea_Nitrogen
5827 mean_Glucose<=mean_Heart_rate/num_allergies
5828 mean_Glucose<=immunizations_lifetime_cost+mean_Low_Density_Lipoprotein_Cholesterol
5829 mean_Glucose<=maximum(Glucose,e^medications_lifetime)
5830 mean_Glucose<=maximum(Glucose,Systolic_Blood_Pressure+1)

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5831 mean_Glucose<=2*Heart_rate-mean_Potassium
5832 mean_Glucose<=2*Creatinine*Heart_rate
5833 mean_Glucose<=sqrt(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
)+Glucose
5834 mean_Glucose<=10^Potassium/active_care_plan_length
5835 mean_Glucose<=10^Creatinine+mean_Estimated_Glomerular_Filtration_Rate
5836 mean_Glucose<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+Glucose
5837 mean_Glucose<=Globulin__Mass_volume__in_Serum_by_calculation*e^Albumin__Mas
s_volume__in_Serum,Plasma
5838 mean_Glucose<=2*Platelet_distribution_width__Entitic_volume__in_Blood_by_Au
tomated_count/active_care_plans
5839 mean_Glucose<=10^Leukocytes____volume__in_Blood_by_Automated_count/active_c
are_plan_length
5840
mean_Glucose<=Glucose+ceil(Leukocytes____volume__in_Blood_by_Automated_count)
5841 mean_Glucose>=latitude
5842 mean_Glucose>=Glucose-procedures_lifetime_cost
5843 mean_Glucose>=active_care_plans+active_condition_length+1
5844 mean_Glucose>=1/2*lifetime_condition_length/active_care_plans
5845 mean_Glucose>=Potassium*log(healthcare_expenses)
5846 mean_Glucose>=-Body_Mass_Index+1/2*Triglycerides
5847 mean_Glucose>=-healthcare_expenses
5848
mean_Glucose>=minimum(Glucose,mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5849 mean_Glucose>=latitude/Creatinine
5850 mean_Glucose>=(Pain_severity___0_10_verbal_numeric_rating__Score____Reporte
d-1)^Globulin__Mass_volume__in_Serum_by_calculation
5851 mean_Glucose>=minimum(High_Density_Lipoprotein_Cholesterol,Glucose)
5852 mean_Glucose>=Glucose^QOLS
5853 mean_Glucose>=(immunizations_lifetime-1)^Hemoglobin_A1c_Hemoglobin_total_in
_Blood
5854 mean_Glucose>=Estimated_Glomerular_Filtration_Rate-Glucose+1
5855 mean_Glucose>=Glucose-mean_Urea_Nitrogen
5856 mean_Glucose>=healthcare_expenses^longitude
5857 mean_Glucose>=Glucose-healthcare_coverage
5858
mean_Glucose>=-Leukocytes____volume__in_Blood_by_Automated_count+floor(Glucose)
5859 mean_Glucose>=active_conditions*medications_active
5860 mean_Glucose>=minimum(Glucose,2*device_lifetime_length)
5861 mean_Glucose>=(Glucose-1)*QOLS
5862 mean_Glucose>=minimum(Glucose,-longitude)
5863 mean_Glucose>=minimum(Diastolic_Blood_Pressure,lifetime_care_plans^2)
5864
mean_Glucose>=-Erythrocytes____volume__in_Blood_by_Automated_count+ceil(age)
5865 mean_Glucose>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+mean_Dias
tolic_Blood_Pressure
5866 mean_Glucose>=Glucose-medications_lifetime
5867 mean_Glucose>=(Total_Cholesterol-1)/mean_Hemoglobin_A1c_Hemoglobin_total_in

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_Blood
5868 mean_Glucose>=Chloride*log(Albumin_Mass_volume__in_Serum,Plasma)/log(10)
5869 mean_Glucose>=2*DALY+Potassium
5870 mean_Glucose>=ceil(Calcium)*medications_active
5871 mean_Glucose>=minimum(latitude,10^healthcare_expenses)
5872 mean_Glucose>=(1/QOLS)^Pain_severity___0_10_verbal_numeric_rating__Score___
_Reported
5873 mean_Glucose>=Low_Density_Lipoprotein_Cholesterol*medications_lifetime_perc
_covered^2
5874 mean_Glucose>=Glomerular_filtration_rate_1_73_sq_M_predicted-
Hemoglobin_A1c_Hemoglobin_total_in_Blood-1
5875
mean_Glucose>=e^Erythrocytes___volume__in_Blood_by_Automated_count+longitude
5876 mean_Glucose>=minimum(Glucose,mean_Body_Mass_Index)
5877 mean_Glucose>=1/2*Body_Height-mean_Estimated_Glomerular_Filtration_Rate
5878 mean_Glucose>=Heart_rate/active_conditions
5879 mean_Glucose>=sqrt(active_care_plans)^mean_Potassium
5880 mean_Glucose>=Glucose-Urea_Nitrogen-1
5881 mean_Glucose>=Heart_rate*log(medications_active)/log(10)
5882 mean_Glucose>=2*active_care_plan_length/Prostate_specific_Ag__Mass_volume__
in_Serum,Plasma
5883 mean_Glucose>=minimum(Microalbumin_Creatinine_Ratio,1/medications_lifetime_
perc_covered)
5884 mean_Glucose>=(log(MCHC__Mass_volume__by_Automated_count)/log(10))^Leukocyt
es___volume__in_Blood_by_Automated_count
5885 mean_Glucose>=-Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Pl
asma+ceil(Body_Weight)
5886 mean_Glucose>=-Aspartate_aminotransferase__Enzymatic_activity_volume__in_Se
rum,Plasma+Glucose+1
5887 mean_Glucose>=2*Carbon_Dioxide+Urea_Nitrogen
5888 mean_Glucose>=e^Calcium/Platelets___volume__in_Blood_by_Automated_count
5889 mean_Heart_rate<=healthcare_expenses
5890 mean_Heart_rate<=Heart_rate+procedures_lifetime_cost
5891 mean_Heart_rate<=maximum(Heart_rate,10^active_care_plans)
5892 mean_Heart_rate<=Erythrocyte_distribution_width__Entitic_volume__by_Automat
ed_count^2/Urea_Nitrogen
5893 mean_Heart_rate<=Heart_rate+mean_Respiratory_rate+1
5894 mean_Heart_rate<=maximum(Heart_rate,1/2*Total_Cholesterol)
5895 mean_Heart_rate<=sqrt(Platelet_distribution_width__Entitic_volume__in_Blood
_by_Automated_count)+Diastolic_Blood_Pressure
5896 mean_Heart_rate<=Heart_rate+active_care_plan_length
5897 mean_Heart_rate<=maximum(Heart_rate,2*lifetime_care_plan_length)
5898 mean_Heart_rate<=Urea_Nitrogen^2+QALY
5899 mean_Heart_rate<=ceil(Potassium)^Estimated_Glomerular_Filtration_Rate
5900 mean_Heart_rate<=maximum(Heart_rate,e^lifetime_conditions)
5901 mean_Heart_rate<=(Glucose-1)*active_care_plans
5902 mean_Heart_rate<=Heart_rate^lifetime_conditions
5903 mean_Heart_rate<=floor(Glomerular_filtration_rate_1_73_sq_M_predicted)+mean

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_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
5904 mean_Heart_rate<=maximum(lifetime_condition_length,Heart_rate)
5905 mean_Heart_rate<=maximum(Heart_rate,Urea_Nitrogen^2)
5906 mean_Heart_rate<=Heart_rate/num_allergies
5907 mean_Heart_rate<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2+Body_
Weight
5908 mean_Heart_rate<=10^Albumin__Mass_volume__in_Serum,Plasma/latitude
5909 mean_Heart_rate<=Heart_rate+medications_lifetime_cost
5910 mean_Heart_rate<=maximum(medications_lifetime_cost,Heart_rate)
5911 mean_Heart_rate<=Chloride-
Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
5912 mean_Heart_rate<=Diastolic_Blood_Pressure/medications_lifetime_perc_covered
5913 mean_Heart_rate<=10^Pain_severity___0_10_verbal_numeric_rating__Score___Re
ported*Heart_rate
5914 mean_Heart_rate<=maximum(Heart_rate,10^procedures_lifetime)
5915 mean_Heart_rate<=Erythrocyte_distribution_width__Entitic_volume__by_Automat
ed_count*e^Creatinine
5916 mean_Heart_rate<=sqrt(Microalbumin_Creatinine_Ratio)+Glucose
5917 mean_Heart_rate<=age*log(Albumin__Mass_volume__in_Serum,Plasma)
5918 mean_Heart_rate<=maximum(Heart_rate,10^Prostate_specific_Ag__Mass_volume__i
n_Serum,Plasma)
5919 mean_Heart_rate<=Estimated_Glomerular_Filtration_Rate+2*Microalbumin_Creati
nine_Ratio
5920 mean_Heart_rate<=1/2*Calcium*Carbon_Dioxide
5921
mean_Heart_rate<=2*encounters_lifetime_total_cost/Microalbumin_Creatinine_Ratio
5922 mean_Heart_rate<=Heart_rate+e^DALY
5923 mean_Heart_rate<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Automate
d_count^2-mean_Creatinine
5924 mean_Heart_rate<=(Heart_rate^2)^Creatinine
5925 mean_Heart_rate<=maximum(Heart_rate,2*High_Density_Lipoprotein_Cholesterol)
5926 mean_Heart_rate<=Sodium-device_lifetime_length+1
5927 mean_Heart_rate<=Body_Weight+ceil(Platelet_mean_volume__Entitic_volume__in_
Blood_by_Automated_count)
5928
mean_Heart_rate<=Heart_rate+Leukocytes___volume__in_Blood_by_Automated_count
5929
mean_Heart_rate<=mean_Estimated_Glomerular_Filtration_Rate+medications_lifetime
5930 mean_Heart_rate>=latitude
5931 mean_Heart_rate>=Heart_rate*sqrt(medications_lifetime_perc_covered)
5932 mean_Heart_rate>=minimum(Heart_rate,Creatinine)
5933 mean_Heart_rate>=Heart_rate-procedures_lifetime_cost
5934 mean_Heart_rate>=Heart_rate-active_care_plan_length
5935 mean_Heart_rate>=Sodium-mean_Low_Density_Lipoprotein_Cholesterol+1
5936 mean_Heart_rate>=minimum(QALY,Heart_rate-1)
5937 mean_Heart_rate>=minimum(active_care_plan_length,Heart_rate)
5938 mean_Heart_rate>=minimum(Heart_rate,mean_DALY)
5939 mean_Heart_rate>=Heart_rate/lifetime_conditions

```



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5940 mean_Heart_rate>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,
Plasma*log(Albumin__Mass_volume__in_Serum,Plasma)/log(10)
5941 mean_Heart_rate>=Heart_rate-medications_lifetime
5942 mean_Heart_rate>=(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count+
1)/mean_Creatinine
5943
mean_Heart_rate>=minimum(Heart_rate,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
5944 mean_Heart_rate>=Diastolic_Blood_Pressure-
mean_Estimated_Glomerular_Filtration_Rate-1
5945 mean_Heart_rate>=maximum(Heart_rate,Prostate_specific_Ag__Mass_volume__in_S
erum,Plasma)
5946 mean_Heart_rate>=healthcare_expenses^longitude
5947 mean_Heart_rate>=2*Heart_rate-Systolic_Blood_Pressure
5948 mean_Heart_rate>=QALY+log(Microalbumin_Creatinine_Ratio)
5949 mean_Heart_rate>=(log(MCHC__Mass_volume__by_Automated_count)/log(10))^mean_
Calcium
5950 mean_Heart_rate>=Heart_rate-mean_Estimated_Glomerular_Filtration_Rate+1
5951 mean_Heart_rate>=Heart_rate^QOLS
5952 mean_Heart_rate>=sqrt(medications_lifetime_length)-medications_lifetime
5953
mean_Heart_rate>=(Diastolic_Blood_Pressure+1)*medications_lifetime_perc_covered
5954 mean_Heart_rate>=Heart_rate-mean_Urea_Nitrogen
5955 mean_Heart_rate>=minimum(Protein__Mass_volume__in_Serum,Plasma,floor(Heart_
rate))
5956 mean_Heart_rate>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,flo
or(Heart_rate))
5957 mean_Heart_rate>=Erythrocytes____volume__in_Blood_by_Automated_count*Hemogl
obin__Mass_volume__in_Blood
5958 mean_Heart_rate>=2*MCHC__Mass_volume__by_Automated_count-active_conditions
5959 mean_Heart_rate>=-Carbon_Dioxide+2*DALY
5960 mean_Heart_rate>=minimum(Heart_rate,1/medications_lifetime_perc_covered)
5961 mean_Heart_rate>=High_Density_Lipoprotein_Cholesterol-
immunizations_lifetime_cost+1
5962 mean_Heart_rate>=sqrt(encounters_count)/encounters_lifetime_perc_covered
5963 mean_Heart_rate>=minimum(latitude,10^healthcare_expenses)
5964 mean_Heart_rate>=floor(active_care_plan_length)-mean_Bilirubin_total__Mass_
volume__in_Serum,Plasma
5965 mean_Heart_rate>=log(imaging_studies_lifetime)+mean_Glucose
5966 mean_Heart_rate>=minimum(Microalbumin_Creatinine_Ratio,-longitude)
5967
mean_Heart_rate>=sqrt(MCHC__Mass_volume__by_Automated_count)*procedures_lifetime
5968 mean_Heart_rate>=(encounters_count+1)^QOLS
5969 mean_Heart_rate>=Body_Mass_Index*log(encounters_count)/log(10)
5970 mean_Heart_rate>=2*medications_lifetime/Body_Mass_Index
5971 mean_Heart_rate>=Heart_rate-
Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-1
5972 mean_Heart_rate>=Heart_rate*sqrt(QOLS)
5973 mean_Heart_rate>=1/2*Heart_rate/Creatinine

```

5974 mean_Heart_rate>=Heart_rate-active_conditions-1
 5975 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=healthcare_expenses
 5976 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=ceil(Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 5977 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 5978 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=1/Estimated_Glomerular_Filtration_Rate+Hemoglobin_A1c_Hemoglobin_total_in_Blood
 5979 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Globulin_Mass_volume__in_Serum_by_calculation)
 5980 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(lifetime_conditions,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 5981 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(medications_lifetime,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 5982 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(active_care_plan_length,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 5983 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+medications_lifetime_perc_covered
 5984 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=-Globulin_Mass_volume__in_Serum_by_calculation+medications_lifetime
 5985 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+medications_active
 5986 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Bilirubin_total__Mass_volume__in_Serum,Plasma)
 5987 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+procedures_lifetime
 5988 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,10^QOLS)
 5989 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Erythrocytes___volume__in_Blood_by_Automated_count)
 5990 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=sqrt(Carbon_Dioxide)/medications_lifetime_perc_covered
 5991 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood/num_allergies
 5992 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^active_conditions
 5993 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,Leukocytes___volume__in_Blood_by_Automated_count)
 5994 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=-active_care_plans+log(healthcare_expenses)
 5995 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,procedures_lifetime+1)
 5996 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,e^procedures_lifetime)
 5997 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood<=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,procedures_lifetime^2)
 5998 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=longitude
 5999 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)

```

bin_total_in_Blood)
6000 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood/active_care_plans
6001 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-Globulin__Mass_volume__in_S
erum_by_calculation+medications_active
6002 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(active_care_plans,He
moglobin_A1c_Hemoglobin_total_in_Blood)
6003 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(Total_Cholesterol-1)/mean_G
lucose
6004 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood/active_conditions
6005
mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=healthcare_expenses^longitude
6006 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-healthcare_expenses
6007 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(device_lifetime_leng
th,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
6008 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-encounters_lifetime_perc_covered
6009 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-medications_lifetime
6010 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=1/2*Potassium
6011 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood*floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
6012 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
lobin_total_in_Blood,e^immunizations_lifetime)
6013 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-procedures_lifetime
6014 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood^QOLS
6015 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(Triglycerides+1)/Diastolic_
Blood_Pressure
6016 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood+medications_lifetime_perc_covered-1
6017 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood-Pain_severity___0_10_verbal_numeric_rating__Score___Reported
6018 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=-Bilirubin_total__Mass_volum
e__in_Serum,Plasma+Hemoglobin_A1c_Hemoglobin_total_in_Blood
6019 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=Prostate_specific_Ag__Mass_v
olume__in_Serum,Plasma-QOLS
6020 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=ceil(FEV1_FVC)^medications_l
ifetime_perc_covered
6021 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemog
lobin_total_in_Blood,10^encounters_lifetime_perc_covered)
6022 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=floor(Body_Height)/age
6023 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=(10^healthcare_expenses)^lon
gitude
6024 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=log(encounters_lifetime_perc
_covered)/log(10)+Hemoglobin_A1c_Hemoglobin_total_in_Blood

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6025 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/encounters_lifetime_perc_covered)
 6026 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=maximum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
 6027 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/2*procedures_lifetime)
 6028 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/QOLS)
 6029 mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood>=sqrt(Body_temperature)^imagining_studies_lifetime
 6030 mean_High_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 6031 mean_High_Density_Lipoprotein_Cholesterol<=maximum(age,High_Density_Lipoprotein_Cholesterol)
 6032 mean_High_Density_Lipoprotein_Cholesterol<=QALY^2/mean_Respiratory_rate
 6033 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol/num_allergies
 6034 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+Leukocytes___volume__in_Blood_by_Automated_count-1
 6035 mean_High_Density_Lipoprotein_Cholesterol<=maximum(encounters_count,High_Density_Lipoprotein_Cholesterol)
 6036 mean_High_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime,High_Density_Lipoprotein_Cholesterol)
 6037 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+log(MCV__Entitic_volume__by_Automated_count)
 6038 mean_High_Density_Lipoprotein_Cholesterol<=sqrt(Microalbumin_Creatinine_Ratio)+Low_Density_Lipoprotein_Cholesterol
 6039 mean_High_Density_Lipoprotein_Cholesterol<=10^medications_lifetime_perc_covered*High_Density_Lipoprotein_Cholesterol
 6040 mean_High_Density_Lipoprotein_Cholesterol<=maximum(Heart_rate,High_Density_Lipoprotein_Cholesterol)
 6041 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+healthcare_coverage
 6042 mean_High_Density_Lipoprotein_Cholesterol<=-age+ceil(Body_Height)
 6043 mean_High_Density_Lipoprotein_Cholesterol<=-longitude/Bilirubin_total__Mass_volume__in_Serum,Plasma
 6044 mean_High_Density_Lipoprotein_Cholesterol<=(1/medications_lifetime_perc_covered)^mean_Carbon_Dioxide
 6045 mean_High_Density_Lipoprotein_Cholesterol<=floor(DALY)*mean_Estimated_Glomerular_Filtration_Rate
 6046 mean_High_Density_Lipoprotein_Cholesterol<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+Protein__Mass_volume__in_Serum,Plasma
 6047 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholesterol+mean_Estimated_Glomerular_Filtration_Rate-1
 6048 mean_High_Density_Lipoprotein_Cholesterol<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma^2*QALY
 6049 mean_High_Density_Lipoprotein_Cholesterol<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood+High_Density_Lipoprotein_Cholesterol
 6050 mean_High_Density_Lipoprotein_Cholesterol<=1/Estimated_Glomerular_Filtratio

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n_Rate+Body_Weight
6051 mean_High_Density_Lipoprotein_Cholesterol<=Carbon_Dioxide*log(MCH__Entitic_
mass__by_Automated_count)
6052 mean_High_Density_Lipoprotein_Cholesterol<=Estimated_Glomerular_Filtration_
Rate+mean_Microalbumin_Creatinine_Ratio
6053 mean_High_Density_Lipoprotein_Cholesterol<=10^Leukocytes___volume__in_Bloo
d_by_Automated_count/Glucose
6054 mean_High_Density_Lipoprotein_Cholesterol<=ceil(High_Density_Lipoprotein_Ch
olesterol)/medications_lifetime_perc_covered
6055 mean_High_Density_Lipoprotein_Cholesterol<=(QOLS+1)*High_Density_Lipoprotei
n_Cholesterol
6056 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholest
erol*log(Estimated_Glomerular_Filtration_Rate)
6057 mean_High_Density_Lipoprotein_Cholesterol<=Glucose+floor(mean_Calcium)
6058 mean_High_Density_Lipoprotein_Cholesterol<=2*High_Density_Lipoprotein_Chole
sterol-MCH__Entitic_mass__by_Automated_count
6059 mean_High_Density_Lipoprotein_Cholesterol<=High_Density_Lipoprotein_Cholest
erol*ceil(Creatinine)
6060 mean_High_Density_Lipoprotein_Cholesterol>=longitude
6061
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
healthcare_coverage
6062 mean_High_Density_Lipoprotein_Cholesterol>=minimum(QALY,2*DALY)
6063
mean_High_Density_Lipoprotein_Cholesterol>=Body_Mass_Index+1/2*active_care_plans
6064 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholest
erol^QOLS
6065 mean_High_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
6066 mean_High_Density_Lipoprotein_Cholesterol>=active_care_plans^2+mean_Bilirub
in_total__Mass_volume__in_Serum,Plasma
6067
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
active_care_plan_length
6068 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,medications_active^2)
6069
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
medications_lifetime
6070
mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
Urea_Nitrogen
6071 mean_High_Density_Lipoprotein_Cholesterol>=-Calcium+High_Density_Lipoprotei
n_Cholesterol-1
6072 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,mean_QOLS)
6073 mean_High_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
6074 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,Creatinine)

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6075 mean_High_Density_Lipoprotein_Cholesterol>=e<sup>lifetime_care_plans/mean_Alani
ne_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma</sup>
 6076 mean_High_Density_Lipoprotein_Cholesterol>=-Estimated_Glomerular_Filtration
_Rate+High_Density_Lipoprotein_Cholesterol-1
 6077
 mean_High_Density_Lipoprotein_Cholesterol>=minimum(QALY,procedures_lifetime²)
 6078 mean_High_Density_Lipoprotein_Cholesterol>=(active_care_plans+1)*Hemoglobin
_A1c_Hemoglobin_total_in_Blood
 6079
 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
Leukocytes___volume__in_Blood_by_Automated_count+1
 6080 mean_High_Density_Lipoprotein_Cholesterol>=-Erythrocytes___volume__in_Bloo
d_by_Automated_count+High_Density_Lipoprotein_Cholesterol+1
 6081 mean_High_Density_Lipoprotein_Cholesterol>=2*High_Density_Lipoprotein_Chole
sterol/Globulin__Mass_volume__in_Serum_by_calculation
 6082 mean_High_Density_Lipoprotein_Cholesterol>=log(Glucose)/QOLS
 6083
 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholesterol-
procedures_lifetime_cost
 6084
 mean_High_Density_Lipoprotein_Cholesterol>=1/2*medications_lifetime/mean_Calcium
 6085 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 6086
 mean_High_Density_Lipoprotein_Cholesterol>=(log(Sodium)/log(10))^{mean_Potassium}
 6087 mean_High_Density_Lipoprotein_Cholesterol>=sqrt(Leukocytes___volume__in_Bl
ood_by_Automated_count)*active_conditions
 6088 mean_High_Density_Lipoprotein_Cholesterol>=lifetime_conditions*log(active_c
onditions)
 6089 mean_High_Density_Lipoprotein_Cholesterol>=High_Density_Lipoprotein_Cholest
erol/active_conditions
 6090 mean_High_Density_Lipoprotein_Cholesterol>=ceil(procedures_lifetime_cost)/e
ncounters_lifetime_payer_coverage
 6091
 mean_High_Density_Lipoprotein_Cholesterol>=(10^{healthcare_expenses})^{longitude}
 6092 mean_High_Density_Lipoprotein_Cholesterol>=DALY-
encounters_lifetime_perc_covered-1
 6093 mean_High_Density_Lipoprotein_Cholesterol>=1/2*Body_Weight/mean_Creatinine
 6094 mean_High_Density_Lipoprotein_Cholesterol>=(encounters_count+1)/Erythrocyte
s___volume__in_Blood_by_Automated_count
 6095 mean_High_Density_Lipoprotein_Cholesterol>=minimum(High_Density_Lipoprotein
_Cholesterol,10^{immunizations_lifetime})
 6096
 mean_High_Density_Lipoprotein_Cholesterol>=Body_Mass_Index*log(DALY)/log(10)
 6097 mean_High_Density_Lipoprotein_Cholesterol>=floor(High_Density_Lipoprotein_C
holesterol)^{num_allergies}
 6098 mean_Low_Density_Lipoprotein_Cholesterol<=healthcare_expenses
 6099 mean_Low_Density_Lipoprotein_Cholesterol<=MCHC__Mass_volume__by_Automated_c

ount+Systolic_Blood_Pressure-1
 6100 mean_Low_Density_Lipoprotein_Cholesterol<=2*Carbon_Dioxide+Chloride
 6101 mean_Low_Density_Lipoprotein_Cholesterol<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^2+active_care_plan_length
 6102 mean_Low_Density_Lipoprotein_Cholesterol<=(Low_Density_Lipoprotein_Cholesterol+1)/medications_lifetime_perc_covered
 6103 mean_Low_Density_Lipoprotein_Cholesterol<=Diastolic_Blood_Pressure+1/2*Low_Density_Lipoprotein_Cholesterol
 6104 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+healthcare_coverage
 6105 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol^active_conditions
 6106 mean_Low_Density_Lipoprotein_Cholesterol<=Total_Cholesterol-Urea_Nitrogen-1
 6107 mean_Low_Density_Lipoprotein_Cholesterol<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood+1)*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma
 6108 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+medications_lifetime
 6109 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,mean_Triglycerides)
 6110 mean_Low_Density_Lipoprotein_Cholesterol<=Chloride+mean_Glomerular_filtration_rate_1_73_sq_M_predicted+1
 6111 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime_cost,Low_Density_Lipoprotein_Cholesterol)
 6112 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,medications_lifetime^2)
 6113 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(medications_lifetime_dispenes,Low_Density_Lipoprotein_Cholesterol)
 6114 mean_Low_Density_Lipoprotein_Cholesterol<=Body_Mass_Index^2/Potassium
 6115 mean_Low_Density_Lipoprotein_Cholesterol<=Albumin__Mass_volume__in_Serum,Plasma^2*Calcium
 6116 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol/num_allergies
 6117 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,10^active_conditions)
 6118 mean_Low_Density_Lipoprotein_Cholesterol<=Estimated_Glomerular_Filtration_Rate^2*Respiratory_rate
 6119 mean_Low_Density_Lipoprotein_Cholesterol<=floor(Hematocrit__Volume_Fraction__of_Blood_by_Automated_count)+mean_Chloride
 6120 mean_Low_Density_Lipoprotein_Cholesterol<=sqrt(healthcare_coverage)+Estimated_Glomerular_Filtration_Rate
 6121 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,active_care_plan_length^2)
 6122 mean_Low_Density_Lipoprotein_Cholesterol<=Microalbumin_Creatinine_Ratio^2/procedures_lifetime
 6123 mean_Low_Density_Lipoprotein_Cholesterol<=10^QOLS*Systolic_Blood_Pressure
 6124 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,1/2*Platelets___volume__in_Blood_by_Automated_count)
 6125 mean_Low_Density_Lipoprotein_Cholesterol<=Estimated_Glomerular_Filtration_R

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ate+2*Heart_rate
6126 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol*ceil(mean_Creatinine)
6127 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Triglycerides,10^medications_active)
6128 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,e^active_conditions)
6129 mean_Low_Density_Lipoprotein_Cholesterol<=ceil(Low_Density_Lipoprotein_Cholesterol)+mean_Carbon_Dioxide
6130 mean_Low_Density_Lipoprotein_Cholesterol<=Estimated_Glomerular_Filtration_Rate+1/2*lifetime_condition_length
6131 mean_Low_Density_Lipoprotein_Cholesterol<=maximum(Low_Density_Lipoprotein_Cholesterol,encounters_count^2)
6132 mean_Low_Density_Lipoprotein_Cholesterol<=sqrt(Carbon_Dioxide)*QALY
6133 mean_Low_Density_Lipoprotein_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+2*Respiratory_rate
6134 mean_Low_Density_Lipoprotein_Cholesterol<=Systolic_Blood_Pressure+e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
6135 mean_Low_Density_Lipoprotein_Cholesterol<=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)^Urea_Nitrogen
6136 mean_Low_Density_Lipoprotein_Cholesterol<=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
6137 mean_Low_Density_Lipoprotein_Cholesterol<=e^Albumin__Mass_volume__in_Serum,Plasma+mean_Glucose
6138 mean_Low_Density_Lipoprotein_Cholesterol<=1/2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+Low_Density_Lipoprotein_Cholesterol
6139 mean_Low_Density_Lipoprotein_Cholesterol>=latitude
6140 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(age,Low_Density_Lipoprotein_Cholesterol)
6141 mean_Low_Density_Lipoprotein_Cholesterol>=sqrt(Respiratory_rate)+Glomerular_filtration_rate_1_73_sq_M_predicted
6142
mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-active_care_plan_length
6143
mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-procedures_lifetime_cost
6144 mean_Low_Density_Lipoprotein_Cholesterol>=-healthcare_expenses
6145
mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-mean_Estimated_Glomerular_Filtration_Rate+1
6146 mean_Low_Density_Lipoprotein_Cholesterol>=QALY*log(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)/log(10)
6147 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Diastolic_Blood_Pressure,Low_Density_Lipoprotein_Cholesterol)
6148 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol^QOLS

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6149 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol/active_conditions
 6150 mean_Low_Density_Lipoprotein_Cholesterol>=-Leukocytes___volume__in_Blood_by_Automated_count+Low_Density_Lipoprotein_Cholesterol+1
 6151 mean_Low_Density_Lipoprotein_Cholesterol>=healthcare_expenses^longitude
 6152 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_Cholesterol,Creatinine)
 6153
 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-medications_lifetime
 6154 mean_Low_Density_Lipoprotein_Cholesterol>=-Carbon_Dioxide+Low_Density_Lipoprotein_Cholesterol+1
 6155 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_Cholesterol,Estimated_Glomerular_Filtration_Rate)
 6156 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(encounters_count,Diastolic_Blood_Pressure+1)
 6157 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol*sqrt(QOLS)
 6158 mean_Low_Density_Lipoprotein_Cholesterol>=sqrt(procedures_lifetime_cost)/mean_Estimated_Glomerular_Filtration_Rate
 6159 mean_Low_Density_Lipoprotein_Cholesterol>=sqrt(encounters_lifetime_payer_coverage)-Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
 6160 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Low_Density_Lipoprotein_Cholesterol,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
 6161
 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(encounters_count,mean_Glucose)
 6162 mean_Low_Density_Lipoprotein_Cholesterol>=(Urea_Nitrogen-1)*mean_Potassium
 6163
 mean_Low_Density_Lipoprotein_Cholesterol>=-active_care_plan_length+mean_Glucose
 6164 mean_Low_Density_Lipoprotein_Cholesterol>=DALY*log(lifetime_care_plan_length)/log(10)
 6165 mean_Low_Density_Lipoprotein_Cholesterol>=-Albumin__Mass_volume__in_Serum,Plasma+Low_Density_Lipoprotein_Cholesterol-1
 6166 mean_Low_Density_Lipoprotein_Cholesterol>=Bilirubin_total__Mass_volume__in_Serum,Plasma^mean_Carbon_Dioxide
 6167 mean_Low_Density_Lipoprotein_Cholesterol>=sqrt(Body_Height)/QOLS
 6168 mean_Low_Density_Lipoprotein_Cholesterol>=minimum(latitude,10^healthcare_expenses)
 6169
 mean_Low_Density_Lipoprotein_Cholesterol>=Low_Density_Lipoprotein_Cholesterol-healthcare_coverage
 6170 mean_Low_Density_Lipoprotein_Cholesterol>=1/2*Microalbumin_Creatinine_Ratio*num_allergies
 6171 mean_Low_Density_Lipoprotein_Cholesterol>=1/2*Carbon_Dioxide/Bilirubin_total__Mass_volume__in_Serum,Plasma
 6172 mean_Low_Density_Lipoprotein_Cholesterol>=sqrt(Pain_severity___0_10_verbal_numeric_rating__Score___Reported)*device_lifetime_length
 6173 mean_Low_Density_Lipoprotein_Cholesterol>=(Erythrocytes___volume__in_Blood

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_by_Automated_count-1)^mean_Creatinine
6174
mean_Low_Density_Lipoprotein_Cholesterol>=minimum(Glucose,1/2*encounters_count)
6175 mean_Low_Density_Lipoprotein_Cholesterol>=(immunizations_lifetime-1)*Microa
lbumin_Creatinine_Ratio
6176 mean_Microalbumin_Creatinine_Ratio<=healthcare_expenses
6177 mean_Microalbumin_Creatinine_Ratio<=Microalbumin_Creatinine_Ratio+floor(Low
_Density_Lipoprotein_Cholesterol)
6178 mean_Microalbumin_Creatinine_Ratio<=e^mean_Potassium*mean_Creatinine
6179 mean_Microalbumin_Creatinine_Ratio<=Diastolic_Blood_Pressure^(1/medications
_lifetime_perc_covered)
6180 mean_Microalbumin_Creatinine_Ratio<=Body_Weight^(1/medications_lifetime_per
c_covered)
6181 mean_Microalbumin_Creatinine_Ratio<=(log(Chloride)/log(10))^Urea_Nitrogen
6182 mean_Microalbumin_Creatinine_Ratio<=Microalbumin_Creatinine_Ratio+procedure
s_lifetime_cost
6183 mean_Microalbumin_Creatinine_Ratio<=1/2*Triglycerides*mean_Estimated_Glomer
ular_Filtration_Rate
6184 mean_Microalbumin_Creatinine_Ratio<=maximum(Microalbumin_Creatinine_Ratio,1
0^DALY)
6185 mean_Microalbumin_Creatinine_Ratio<=healthcare_expenses^sqrt(encounters_lif
etime_perc_covered)
6186 mean_Microalbumin_Creatinine_Ratio<=10^medications_active*Triglycerides
6187 mean_Microalbumin_Creatinine_Ratio<=(QOLS+1)*lifetime_condition_length
6188 mean_Microalbumin_Creatinine_Ratio<=log(procedures_lifetime_cost)^mean_Crea
tinine
6189
mean_Microalbumin_Creatinine_Ratio<=e^(-QOLS)*medications_lifetime_dispenses
6190 mean_Microalbumin_Creatinine_Ratio<=Systolic_Blood_Pressure^(QOLS+1)
6191 mean_Microalbumin_Creatinine_Ratio<=QALY*floor(DALY)
6192 mean_Microalbumin_Creatinine_Ratio<=log(Microalbumin_Creatinine_Ratio)*mean
_Diastolic_Blood_Pressure
6193 mean_Microalbumin_Creatinine_Ratio<=Microalbumin_Creatinine_Ratio+ceil(mean
_Low_Density_Lipoprotein_Cholesterol)
6194 mean_Microalbumin_Creatinine_Ratio<=(Heart_rate-1)*mean_Creatinine
6195 mean_Microalbumin_Creatinine_Ratio<=(log(Low_Density_Lipoprotein_Cholestero
l)/log(10))^Calcium
6196 mean_Microalbumin_Creatinine_Ratio<=2*Microalbumin_Creatinine_Ratio/QOLS
6197 mean_Microalbumin_Creatinine_Ratio<=Microalbumin_Creatinine_Ratio*floor(Pot
assium)
6198 mean_Microalbumin_Creatinine_Ratio>=longitude
6199 mean_Microalbumin_Creatinine_Ratio>=minimum(Glucose,1/medications_active)
6200 mean_Microalbumin_Creatinine_Ratio>=2*medications_lifetime/mean_Estimated_G
lomerular_Filtration_Rate
6201 mean_Microalbumin_Creatinine_Ratio>=Potassium+QOLS
6202 mean_Microalbumin_Creatinine_Ratio>=healthcare_expenses^longitude
6203 mean_Microalbumin_Creatinine_Ratio>=encounters_count/mean_Calcium
6204 mean_Microalbumin_Creatinine_Ratio>=-healthcare_expenses

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6205 mean_Microalbumin_Creatinine_Ratio>=e^lifetime_care_plans/Sodium
6206 mean_Microalbumin_Creatinine_Ratio>=Microalbumin_Creatinine_Ratio-
procedures_lifetime_cost
6207 mean_Microalbumin_Creatinine_Ratio>=minimum(Urea_Nitrogen, Microalbumin_Crea
tinine_Ratio)
6208 mean_Microalbumin_Creatinine_Ratio>=2*Chloride*num_allergies
6209
mean_Microalbumin_Creatinine_Ratio>=(mean_Creatinine+1)*device_lifetime_length
6210 mean_Microalbumin_Creatinine_Ratio>=-Total_Cholesterol+encounters_count+1
6211 mean_Microalbumin_Creatinine_Ratio>=1/2*lifetime_condition_length-
mean_Total_Cholesterol
6212 mean_Microalbumin_Creatinine_Ratio>=2*active_care_plan_length-
lifetime_care_plan_length
6213 mean_Microalbumin_Creatinine_Ratio>=-Total_Cholesterol+Triglycerides+1
6214 mean_Microalbumin_Creatinine_Ratio>=(Pain_severity___0_10_verbal_numeric_ra
ting__Score____Reported^2)^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
6215 mean_Microalbumin_Creatinine_Ratio>=floor(Microalbumin_Creatinine_Ratio)-me
an_Chloride
6216 mean_Microalbumin_Creatinine_Ratio>=minimum(mean_Systolic_Blood_Pressure,1/
medications_active)
6217
mean_Microalbumin_Creatinine_Ratio>=sqrt(Microalbumin_Creatinine_Ratio)/QOLS
6218 mean_Microalbumin_Creatinine_Ratio>=Microalbumin_Creatinine_Ratio*log(mean_
Creatinine)/log(10)
6219 mean_Microalbumin_Creatinine_Ratio>=Microalbumin_Creatinine_Ratio-
mean_Glucose+1
6220 mean_Microalbumin_Creatinine_Ratio>=e^mean_Creatinine/Estimated_Glomerular_
Filtration_Rate
6221 mean_Microalbumin_Creatinine_Ratio>=(10^healthcare_expenses)^longitude
6222 mean_Microalbumin_Creatinine_Ratio>=e^medications_active/active_care_plans
6223 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=healthc
are_expenses
6224 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported+active_care_plans
6225 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_
condition_length
6226 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=1/2*enc
ounters_count
6227 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
(active_care_plans,Pain_severity___0_10_verbal_numeric_rating__Score____Reported
)
6228 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_
conditions^2
6229 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
(medications_lifetime,Pain_severity___0_10_verbal_numeric_rating__Score____Repor
ted)
6230 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported+procedures_lifetime

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6231 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(L
 eukocytes___volume__in_Blood_by_Automated_count)
 6232 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se
 verity___0_10_verbal_numeric_rating__Score____Reported*Prostate_specific_Ag__Mas
 s_volume__in_Serum,Plasma
 6233 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
 (DALY,Pain_severity___0_10_verbal_numeric_rating__Score____Reported)
 6234 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(1
 0^Creatinine)
 6235 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Po
 tassium)
 6236 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=2*Album
 in__Mass_volume__in_Serum,Plasma*QOLS
 6237 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_
 conditions+medications_active
 6238 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Tr
 iglycerides^encounters_lifetime_perc_covered
 6239 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Alkaline
 e_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/mean_Creatinine
 6240 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=1/Bilir
 ubin_total__Mass_volume__in_Serum,Plasma+Hemoglobin_A1c_Hemoglobin_total_in_Bloo
 d
 6241 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=floor(E
 rythrocytes___volume__in_Blood_by_Automated_count)
 6242 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=mean_Mi
 croalbumin_Creatinine_Ratio^encounters_lifetime_perc_covered
 6243 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=e^Pain_
 severity___0_10_verbal_numeric_rating__Score____Reported+immunizations_lifetime
 6244 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=sqrt(He
 matocrit__Volume_Fraction__of_Blood_by_Automated_count)-Creatinine
 6245 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Prostat
 e_specific_Ag__Mass_volume__in_Serum,Plasma/imaging_studies_lifetime
 6246 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(2*Tota
 l_Cholesterol)^QOLS
 6247 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
 (mean_Creatinine,Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)
 6248 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Carbon_
 Dioxide-Urea_Nitrogen
 6249 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(sq
 rt(Calcium))
 6250 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(MC
 HC__Mass_volume__by_Automated_count)/procedures_lifetime
 6251 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_
 care_plans+active_conditions
 6252 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum
 (Sodium,floor(Pain_severity___0_10_verbal_numeric_rating__Score____Reported))
 6253 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(medica
 tions_lifetime_dispenses-1)/Microalbumin_Creatinine_Ratio

6254 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=active_ conditions/num_allergies
 6255 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se verity___0_10_verbal_numeric_rating__Score____Reported*Platelet_distribution_wid th__Entitic_volume__in_Blood_by_Automated_count
 6256 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=-Body_M ass_Index+1/2*Protein__Mass_volume__in_Serum,Plasma
 6257 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=10^acti ve_care_plans/Calcium
 6258 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum (Pain_severity___0_10_verbal_numeric_rating__Score____Reported,1/2*lifetime_cond itions)
 6259 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(encoun ters_lifetime_perc_covered+1)^Leukocytes___volume__in_Blood_by_Automated_count
 6260 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=immuniz ations_lifetime_cost+medications_lifetime_dispenses
 6261 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medicat ions_active/num_allergies
 6262 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum (active_conditions,medications_active)
 6263 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=medicat ions_lifetime_cost+procedures_lifetime
 6264 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=e^Creat inine+immunizations_lifetime_cost
 6265 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=(1/medi cations_lifetime_perc_covered)^Potassium
 6266 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum (Pain_severity___0_10_verbal_numeric_rating__Score____Reported,procedures_lifeti me+1)
 6267 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=sqrt(Pl atelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count)-active_c onditions
 6268 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=maximum (Pain_severity___0_10_verbal_numeric_rating__Score____Reported,DALY-1)
 6269 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=ceil(Ur ea_Nitrogen)-medications_active
 6270 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Bilirub in_total__Mass_volume__in_Serum,Plasma+Pain_severity___0_10_verbal_numeric_ratin g__Score____Reported+1
 6271 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported<=Pain_se verity___0_10_verbal_numeric_rating__Score____Reported/num_allergies
 6272 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=longitude
 6273 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=num_all ergies
 6274 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=2*num_a llergies
 6275 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum

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(immunizations_lifetime,Pain_severity___0_10_verbal_numeric_rating__Score____Rep
orted)
6276 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=imaging
_studies_lifetime-1
6277 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(immunizations_lifetime_cost,sqrt(Pain_severity___0_10_verbal_numeric_rating__Sc
ore____Reported))
6278 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=healthc
are_expenses^longitude
6279 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported-procedures_lifetime
6280 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_
care_plans-medications_lifetime_cost
6281 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_
care_plans-medications_lifetime_dispenses
6282 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum
(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Creatinine)
6283 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=maximum
(Weight_difference__Mass_difference____pre_dialysis____post_dialysis,-Prostate_sp
ecific_Ag__Mass_volume__in_Serum,Plasma)
6284 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Hemogl
obin_A1c_Hemoglobin_total_in_Blood+active_care_plans-1
6285 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=floor(1
/2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
6286 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Prostat
e_specific_Ag__Mass_volume__in_Serum,Plasma*imaging_studies_lifetime
6287 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Estima
ted_Glomerular_Filtration_Rate+1/2*Respiratory_rate
6288 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(1/2*Pa
in_severity___0_10_verbal_numeric_rating__Score____Reported)^encounters_lifetime
_perc_covered
6289 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Calciu
m+lifetime_care_plans+1
6290 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(proced
ures_lifetime-1)*num_allergies
6291 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-encoun
ters_count+procedures_lifetime
6292 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=ceil(lo
g(Pain_severity___0_10_verbal_numeric_rating__Score____Reported))
6293 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-DALY+P
ain_severity___0_10_verbal_numeric_rating__Score____Reported
6294 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported-active_care_plans
6295 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se
verity___0_10_verbal_numeric_rating__Score____Reported/active_conditions
6296 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=1/2*Pai
n_severity___0_10_verbal_numeric_rating__Score____Reported/Creatinine
6297 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_se

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verity___0_10_verbal_numeric_rating__Score____Reported*log(medications_active)/log(10)
6298 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=(10^healthcare_expenses)^longitude
6299 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Calcium+ceil(Leukocytes___volume__in_Blood_by_Automated_count)
6300 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Erythrocytes___volume__in_Blood_by_Automated_count-medications_lifetime
6301 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(Low_Density_Lipoprotein_Cholesterol)-mean_Estimated_Glomerular_Filtration_Rate
6302 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Respiratory_rate+mean_Respiratory_rate
6303 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=log(Glomerular_filtration_rate_1_73_sq_M_predicted)/log(10)-immunizations_lifetime_cost
6304 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported^2/Erythrocytes___volume__in_Blood_by_Automated_count
6305 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=active_conditions-mean_Respiratory_rate-1
6306 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=-Heart_rate+floor(active_condition_length)
6307 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,-Hemoglobin_A1c_Hemoglobin_total_in_Blood)
6308 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,sqrt(QOLS))
6309 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Pain_severity___0_10_verbal_numeric_rating__Score____Reported,immunizations_lifetime^2)
6310
mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=10^QOLS-Leukocytes___volume__in_Blood_by_Automated_count
6311 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported*floor(QOLS)
6312 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=sqrt(DALY)-Albumin__Mass_volume__in_Serum,Plasma
6313 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Respiratory_rate-mean_Respiratory_rate-1
6314 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=minimum(Prostate_specific_Ag__Mass_volume__in_Serum,Plasma,floor(Pain_severity___0_10_verbal_numeric_rating__Score____Reported))
6315 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Leukocytes___volume__in_Blood_by_Automated_count^2-Chloride
6316 mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported>=Pain_severity___0_10_verbal_numeric_rating__Score____Reported-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+1
6317 mean_Potassium<=healthcare_expenses
6318 mean_Potassium<=Potassium+2*encounters_lifetime_perc_covered

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6319 mean_Potassium<=sqrt(QOLS)+Potassium
6320 mean_Potassium<=maximum(Potassium,1/device_lifetime_length)
6321 mean_Potassium<=Body_Weight-active_condition_length-1
6322 mean_Potassium<=1/2*Urea_Nitrogen+1
6323 mean_Potassium<=log(encounters_lifetime_perc_covered)/log(10)+Microalbumin_
Creatinine_Ratio
6324 mean_Potassium<=ceil(active_condition_length)
6325 mean_Potassium<=encounters_count^2
6326 mean_Potassium<=maximum(active_conditions,Potassium)
6327 mean_Potassium<=Potassium+medications_lifetime
6328 mean_Potassium<=Leukocytes___volume__in_Blood_by_Automated_count+log(activ
e_care_plans)
6329 mean_Potassium<=Albumin__Mass_volume__in_Serum,Plasma*e^encounters_lifetime
_perc_covered
6330 mean_Potassium<=Creatinine+log(Diastolic_Blood_Pressure)
6331 mean_Potassium<=maximum(Potassium,1/2*active_care_plan_length)
6332 mean_Potassium<=maximum(Potassium,10^DALY)
6333 mean_Potassium<=Potassium+healthcare_coverage
6334 mean_Potassium<=(log(device_lifetime_length)/log(10))^Hemoglobin_A1c_Hemogl
obin_total_in_Blood
6335 mean_Potassium<=immunizations_lifetime_cost+lifetime_conditions
6336 mean_Potassium<=maximum(medications_lifetime,Potassium)
6337 mean_Potassium<=1/2*QOLS*lifetime_care_plan_length
6338 mean_Potassium<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count^2/
mean_Triglycerides
6339 mean_Potassium<=Creatinine^2+Potassium
6340 mean_Potassium<=1/medications_lifetime_perc_covered+Estimated_Glomerular_Fi
ltration_Rate
6341 mean_Potassium<=Glucose-active_care_plan_length
6342
mean_Potassium<=Creatinine^2+Leukocytes___volume__in_Blood_by_Automated_count
6343 mean_Potassium<=10^Pain_severity__0_10_verbal_numeric_rating__Score___Rep
orted+Hemoglobin_A1c_Hemoglobin_total_in_Blood
6344 mean_Potassium<=-Erythrocytes___volume__in_Blood_by_Automated_count+Platel
et_mean_volume__Entitic_volume__in_Blood_by_Automated_count
6345 mean_Potassium<=(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,
Plasma+1)/Hemoglobin_A1c_Hemoglobin_total_in_Blood
6346 mean_Potassium<=minimum(Microalbumin_Creatinine_Ratio,log(Systolic_Blood_Pr
essure))
6347
mean_Potassium<=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/num_allergies
6348 mean_Potassium<=maximum(Respiratory_rate,Potassium)
6349 mean_Potassium<=1/2*DALY+Potassium
6350 mean_Potassium<=1/2*Albumin__Mass_volume__in_Serum,Plasma*Hemoglobin_A1c_He
moglobin_total_in_Blood
6351 mean_Potassium<=(Glucose-1)/active_conditions
6352 mean_Potassium<=Calcium-
Pain_severity__0_10_verbal_numeric_rating__Score___Reported

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6353 mean_Potassium<=maximum(Potassium,log(Body_Height))
6354 mean_Potassium<=log(MCV__Entitic_volume__by_Automated_count)/QOLS
6355 mean_Potassium<=2*Body_Height-lifetime_care_plan_length
6356 mean_Potassium<=(1/2*latitude)^Creatinine
6357 mean_Potassium<=(High_Density_Lipoprotein_Cholesterol+1)*QOLS
6358 mean_Potassium<=ceil(Potassium)+procedures_lifetime
6359 mean_Potassium<=maximum(Triglycerides,ceil(Potassium))
6360 mean_Potassium<=log(Albumin__Mass_volume__in_Serum,Plasma)*mean_Albumin__Ma
ss_volume__in_Serum,Plasma
6361
mean_Potassium<=sqrt(medications_lifetime)/medications_lifetime_perc_covered
6362
mean_Potassium<=log(Albumin__Mass_volume__in_Serum,Plasma)/log(10)+Potassium
6363 mean_Potassium<=(1/medications_lifetime_perc_covered)^Calcium
6364 mean_Potassium<=maximum(DALY,Leukocytes___volume__in_Blood_by_Automated_co
unt-1)
6365 mean_Potassium<=1/2*Erythrocytes___volume__in_Blood_by_Automated_count+Hem
oglobin_A1c_Hemoglobin_total_in_Blood
6366 mean_Potassium<=log(Chloride)/num_allergies
6367 mean_Potassium<=Carbon_Dioxide^2/mean_Body_Weight
6368 mean_Potassium<=(Urea_Nitrogen-1)*Creatinine
6369 mean_Potassium<=maximum(Potassium,1/2*Platelet_mean_volume__Entitic_volume_
_in_Blood_by_Automated_count)
6370 mean_Potassium<=MCH__Entitic_mass__by_Automated_count^2/lifetime_care_plan_
length
6371 mean_Potassium>=longitude
6372 mean_Potassium>=log(medications_lifetime_cost)/log(10)-Prostate_specific_Ag
__Mass_volume__in_Serum,Plasma
6373 mean_Potassium>=minimum(Creatinine,log(QALY))
6374 mean_Potassium>=e^imaging_studies_lifetime/Urea_Nitrogen
6375 mean_Potassium>=minimum(Leukocytes___volume__in_Blood_by_Automated_count,a
bs(Potassium))
6376 mean_Potassium>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma-
immunizations_lifetime_cost
6377
mean_Potassium>=2*active_conditions/mean_Estimated_Glomerular_Filtration_Rate
6378 mean_Potassium>=Potassium-
mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
6379 mean_Potassium>=minimum(Potassium,mean_Pain_severity___0_10_verbal_numeric_
rating__Score___Reported)
6380 mean_Potassium>=-healthcare_expenses
6381 mean_Potassium>=floor(Hemoglobin__Mass_volume__in_Blood)/Potassium
6382 mean_Potassium>=Potassium^QOLS
6383 mean_Potassium>=Potassium-procedures_lifetime
6384 mean_Potassium>=Potassium*QOLS
6385 mean_Potassium>=latitude/Platelet_mean_volume__Entitic_volume__in_Blood_by_
Automated_count
6386 mean_Potassium>=2*active_care_plan_length/QALY

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6387
mean_Potassium>=minimum(Potassium,1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood)
6388 mean_Potassium>=healthcare_expenses^longitude
6389 mean_Potassium>=Potassium/active_care_plans
6390 mean_Potassium>=log(lifetime_care_plans)*mean_Albumin__Mass_volume__in_Seru
m,Plasma/log(10)
6391
mean_Potassium>=Pain_severity___0_10_verbal_numeric_rating__Score___Reported-
mean_Bilirubin_total__Mass_volume__in_Serum,Plasma
6392 mean_Potassium>=1/2*active_care_plan_length/mean_Urea_Nitrogen
6393 mean_Potassium>=minimum(Hemoglobin_A1c_Hemoglobin_total_in_Blood,1/2*lifeti
me_care_plans)
6394 mean_Potassium>=(Glucose+1)/mean_Alanine_aminotransferase__Enzymatic_activi
ty_volume__in_Serum,Plasma
6395
mean_Potassium>=-Bilirubin_total__Mass_volume__in_Serum,Plasma+log(Body_Weight)
6396 mean_Potassium>=log(Microalbumin_Creatinine_Ratio)*medications_lifetime_per
c_covered
6397 mean_Potassium>=Calcium-Microalbumin_Creatinine_Ratio
6398 mean_Potassium>=1/2*medications_lifetime/mean_Chloride
6399 mean_Potassium>=1/2*Total_Cholesterol/MCH__Entitic_mass__by_Automated_count
6400 mean_Potassium>=(log(Calcium)/log(10))^Body_Height
6401 mean_Potassium>=(log(Calcium)/log(10))^Platelet_distribution_width__Entitic
_volume__in_Blood_by_Automated_count
6402 mean_Potassium>=log(Bilirubin_total__Mass_volume__in_Serum,Plasma)*mean_Car
bon_Dioxide
6403 mean_Potassium>=MCV__Entitic_volume__by_Automated_count/Carbon_Dioxide
6404 mean_Potassium>=minimum(Potassium,sqrt(Respiratory_rate))
6405
mean_Potassium>=e^Erythrocytes___volume__in_Blood_by_Automated_count/latitude
6406 mean_Potassium>=Potassium-medications_lifetime
6407 mean_Potassium>=minimum(Erythrocytes___volume__in_Blood_by_Automated_count
,10^medications_lifetime_perc_covered)
6408 mean_Potassium>=log(Estimated_Glomerular_Filtration_Rate)/DALY
6409 mean_Potassium>=Potassium/active_conditions
6410 mean_Potassium>=log(encounters_lifetime_total_cost)/log(10)-encounters_life
time_perc_covered
6411 mean_Potassium>=Potassium-healthcare_coverage
6412 mean_Potassium>=Potassium-medications_active
6413 mean_Potassium>=(10^healthcare_expenses)^longitude
6414 mean_Potassium>=1/2*medications_lifetime/mean_Low_Density_Lipoprotein_Chole
sterol
6415 mean_Potassium>=-QOLS+log(Body_Weight)
6416 mean_Potassium>=log(encounters_count)/active_care_plans
6417 mean_Potassium>=floor(Potassium)-medications_lifetime_perc_covered
6418 mean_Potassium>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,floo
r(Potassium))
6419 mean_QALY<=healthcare_expenses

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6420 mean_QALY<=QALY
6421 mean_QALY>=longitude
6422 mean_QALY>=QALY
6423 mean_QOLS<=healthcare_expenses
6424 mean_QOLS<=lifetime_conditions
6425 mean_QOLS<=QOLS
6426 mean_QOLS>=longitude
6427 mean_QOLS>=QOLS
6428 mean_Respiratory_rate<=healthcare_expenses
6429 mean_Respiratory_rate<=Respiratory_rate+active_care_plans
6430 mean_Respiratory_rate<=maximum(active_care_plan_length,Respiratory_rate)
6431 mean_Respiratory_rate<=Respiratory_rate+mean_Pain_severity___0_10_verbal_nu
meric_rating__Score____Reported
6432 mean_Respiratory_rate<=maximum(Microalbumin_Creatinine_Ratio,floor(Respirat
ory_rate))
6433 mean_Respiratory_rate<=sqrt(Platelet_distribution_width__Entitic_volume__in
_Blood_by_Automated_count)+Pain_severity___0_10_verbal_numeric_rating__Score____
Reported
6434 mean_Respiratory_rate<=maximum(encounters_count,Respiratory_rate)
6435 mean_Respiratory_rate<=ceil(Potassium^2)
6436 mean_Respiratory_rate<=2*Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma-Potassium
6437 mean_Respiratory_rate<=maximum(Respiratory_rate,10^active_care_plans)
6438 mean_Respiratory_rate<=Potassium*log(QALY)
6439 mean_Respiratory_rate<=1/2*floor(High_Density_Lipoprotein_Cholesterol)
6440 mean_Respiratory_rate<=1/2*Potassium+Respiratory_rate
6441 mean_Respiratory_rate<=Respiratory_rate+procedures_lifetime_cost
6442 mean_Respiratory_rate<=maximum(medications_lifetime,Respiratory_rate)
6443 mean_Respiratory_rate<=2*Hemoglobin_A1c_Hemoglobin_total_in_Blood+active_co
nditions
6444 mean_Respiratory_rate<=Respiratory_rate/num_allergies
6445 mean_Respiratory_rate<=maximum(Respiratory_rate,2*active_conditions)
6446 mean_Respiratory_rate<=(log(QALY)/log(10))^Urea_Nitrogen
6447 mean_Respiratory_rate<=(encounters_lifetime_total_cost^2)^encounters_lifeti
me_perc_covered
6448 mean_Respiratory_rate<=maximum(Creatinine,Estimated_Glomerular_Filtration_R
ate^2)
6449 mean_Respiratory_rate<=maximum(Respiratory_rate,e^active_conditions)
6450 mean_Respiratory_rate<=10^(1/medications_lifetime_perc_covered)
6451 mean_Respiratory_rate<=sqrt(QOLS)*mean_High_Density_Lipoprotein_Cholesterol
6452 mean_Respiratory_rate<=floor(Erythrocytes___volume__in_Blood_by_Automated_
count)^2
6453 mean_Respiratory_rate<=log(Microalbumin_Creatinine_Ratio)/log(10)+Respirato
ry_rate
6454 mean_Respiratory_rate<=active_care_plans*floor(Urea_Nitrogen)
6455 mean_Respiratory_rate<=2*floor(mean_Urea_Nitrogen)
6456 mean_Respiratory_rate<=maximum(Respiratory_rate,e^DALY)
6457

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mean_Respiratory_rate<=ceil(Leukocytes___volume__in_Blood_by_Automated_count^2)
6458 mean_Respiratory_rate<=Albumin__Mass_volume__in_Serum,Plasma^2+medications_
lifetime_perc_covered
6459 mean_Respiratory_rate<=1/2*Carbon_Dioxide+mean_Potassium
6460 mean_Respiratory_rate<=(log(Triglycerides)/log(10))^Potassium
6461 mean_Respiratory_rate<=log(medications_lifetime)+mean_Estimated_Glomerular_
Filtration_Rate
6462
mean_Respiratory_rate<=maximum(Respiratory_rate,1/2*active_care_plan_length)
6463 mean_Respiratory_rate<=maximum(Triglycerides,floor(Respiratory_rate))
6464 mean_Respiratory_rate<=maximum(DALY,Estimated_Glomerular_Filtration_Rate-1)
6465 mean_Respiratory_rate<=Platelet_mean_volume__Entitic_volume__in_Blood_by_Au
tomated_count+log(Total_Cholesterol)
6466 mean_Respiratory_rate<=sqrt(healthcare_expenses)/DALY
6467 mean_Respiratory_rate<=ceil(latitude)-mean_Carbon_Dioxide
6468 mean_Respiratory_rate>=longitude
6469 mean_Respiratory_rate>=Respiratory_rate-active_care_plans
6470 mean_Respiratory_rate>=-DALY+Respiratory_rate
6471 mean_Respiratory_rate>=2*active_care_plans
6472 mean_Respiratory_rate>=ceil(High_Density_Lipoprotein_Cholesterol)/Leukocyte
s___volume__in_Blood_by_Automated_count
6473 mean_Respiratory_rate>=imaging_studies_lifetime^2
6474 mean_Respiratory_rate>=floor(log(medications_lifetime_cost))
6475
mean_Respiratory_rate>=minimum(Respiratory_rate,log(medications_lifetime_cost))
6476 mean_Respiratory_rate>=ceil(Platelet_mean_volume__Entitic_volume__in_Blood_
by_Automated_count+1)
6477
mean_Respiratory_rate>=floor(Triglycerides)/High_Density_Lipoprotein_Cholesterol
6478 mean_Respiratory_rate>=Respiratory_rate-procedures_lifetime_cost
6479 mean_Respiratory_rate>=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma
6480 mean_Respiratory_rate>=ceil(sqrt(Estimated_Glomerular_Filtration_Rate))
6481 mean_Respiratory_rate>=Respiratory_rate/lifetime_conditions
6482 mean_Respiratory_rate>=Respiratory_rate-medications_lifetime
6483 mean_Respiratory_rate>=2*sqrt(DALY)
6484 mean_Respiratory_rate>=healthcare_expenses^longitude
6485 mean_Respiratory_rate>=minimum(Respiratory_rate,e^immunizations_lifetime)
6486 mean_Respiratory_rate>=minimum(mean_Urea_Nitrogen,Respiratory_rate-1)
6487 mean_Respiratory_rate>=lifetime_care_plans+medications_active
6488 mean_Respiratory_rate>=active_care_plan_length-mean_Heart_rate+1
6489 mean_Respiratory_rate>=(lifetime_care_plan_length+1)/Carbon_Dioxide
6490 mean_Respiratory_rate>=log(Erythrocytes___volume__in_Blood_by_Automated_co
unt)/log(10)+procedures_lifetime
6491 mean_Respiratory_rate>=active_conditions^2/Carbon_Dioxide
6492 mean_Respiratory_rate>=sqrt(lifetime_condition_length)-Aspartate_aminotrans
ferase__Enzymatic_activity_volume__in_Serum,Plasma
6493 mean_Respiratory_rate>=floor(MCV__Entitic_volume__by_Automated_count)-mean_
Diastolic_Blood_Pressure

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6494 mean_Respiratory_rate>=sqrt(active_care_plan_length)+Pain_severity___0_10_v
    erbal_numeric_rating__Score____Reported
6495 mean_Respiratory_rate>=sqrt(Microalbumin_Creatinine_Ratio)*QOLS
6496 mean_Respiratory_rate>=active_care_plans*immunizations_lifetime
6497 mean_Respiratory_rate>=2*medications_lifetime/Sodium
6498 mean_Respiratory_rate>=log(Hematocrit__Volume_Fraction__of_Blood_by_Automat
    ed_count)*mean_Creatinine
6499 mean_Respiratory_rate>=minimum(device_lifetime_length,2*medications_active)
6500
mean_Respiratory_rate>=floor(10^Bilirubin_total__Mass_volume__in_Serum,Plasma)
6501 mean_Respiratory_rate>=log(Body_Weight)/(encounters_lifetime_perc_covered*1
    og(10))
6502 mean_Respiratory_rate>=active_care_plans+medications_active
6503 mean_Respiratory_rate>=Low_Density_Lipoprotein_Cholesterol-Sodium
6504 mean_Respiratory_rate>=e^QOLS/encounters_lifetime_perc_covered
6505 mean_Respiratory_rate>=Respiratory_rate^QOLS
6506 mean_Respiratory_rate>=-Urea_Nitrogen+1/2*latitude
6507 mean_Respiratory_rate>=(medications_active-1)*immunizations_lifetime
6508 mean_Respiratory_rate>=sqrt(2)*sqrt(active_care_plan_length)
6509 mean_Respiratory_rate>=minimum(device_lifetime_length,Respiratory_rate-1)
6510 mean_Respiratory_rate>=sqrt(Pain_severity___0_10_verbal_numeric_rating__Sco
    re____Reported)/QOLS
6511 mean_Respiratory_rate>=-Hematocrit__Volume_Fraction__of_Blood_by_Automated_
    count+floor(device_lifetime_length)
6512 mean_Respiratory_rate>=(10^healthcare_expenses)^longitude
6513 mean_Respiratory_rate>=Respiratory_rate-immunizations_lifetime_cost-1
6514 mean_Respiratory_rate>=minimum(Respiratory_rate,2*medications_active)
6515 mean_Respiratory_rate>=1/2*Respiratory_rate/Creatinine
6516 mean_Respiratory_rate>=(Respiratory_rate-1)^num_allergies
6517 mean_Respiratory_rate>=Respiratory_rate-
mean_Pain_severity___0_10_verbal_numeric_rating__Score____Reported-1
6518 mean_Respiratory_rate>=-Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+
    Respiratory_rate+1
6519
mean_Respiratory_rate>=minimum(Respiratory_rate,sqrt(Systolic_Blood_Pressure))
6520 mean_Respiratory_rate>=(Aspartate_aminotransferase__Enzymatic_activity_volu
    me__in_Serum,Plasma+1)/medications_active
6521 mean_Respiratory_rate>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2-Estimated
    _Glomerular_Filtration_Rate
6522 mean_Respiratory_rate>=(Alanine_aminotransferase__Enzymatic_activity_volume
    __in_Serum,Plasma-1)^encounters_lifetime_perc_covered
6523 mean_Respiratory_rate>=floor(Platelet_mean_volume__Entitic_volume__in_Blood
    _by_Automated_count)/DALY
6524 mean_Respiratory_rate>=2*Erythrocytes___volume__in_Blood_by_Automated_coun
    t+Pain_severity___0_10_verbal_numeric_rating__Score____Reported
6525 mean_Sodium<=healthcare_expenses
6526 mean_Sodium<=minimum(Platelet_distribution_width__Entitic_volume__in_Blood_
    by_Automated_count,Sodium+1)

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6527 mean_Sodium<=1/2*Diastolic_Blood_Pressure+Triglycerides
 6528 mean_Sodium<=Sodium+medications_lifetime
 6529 mean_Sodium<=maximum(Sodium,10^DALY)
 6530 mean_Sodium<=Low_Density_Lipoprotein_Cholesterol+1/2*Total_Cholesterol
 6531 mean_Sodium<=maximum(medications_lifetime_dispenses,Sodium)
 6532 mean_Sodium<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+Sodium-1
 6533 mean_Sodium<=maximum(Sodium,2*Body_Weight)
 6534 mean_Sodium<=maximum(medications_lifetime_cost,Sodium)
 6535 mean_Sodium<=maximum(Sodium,encounters_count^2)
 6536 mean_Sodium<=Sodium+healthcare_coverage
 6537 mean_Sodium<=Sodium/QOLS
 6538 mean_Sodium<=(Glucose-1)*Globulin__Mass_volume__in_Serum_by_calculation
 6539 mean_Sodium<=Sodium+mean_Hemoglobin_A1c_Hemoglobin_total_in_Blood-1
 6540 mean_Sodium<=Globulin__Mass_volume__in_Serum_by_calculation+Sodium
 6541 mean_Sodium<=10^Globulin__Mass_volume__in_Serum_by_calculation+mean_Respiratory_rate
 6542 mean_Sodium<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+mean_Systolic_Blood_Pressure-1
 6543 mean_Sodium<=-Urea_Nitrogen+ceil(Total_Cholesterol)
 6544 mean_Sodium<=maximum(Sodium,e^active_conditions)
 6545 mean_Sodium<=maximum(Body_Height,Sodium)
 6546 mean_Sodium<=Sodium^active_care_plans
 6547 mean_Sodium<=Sodium^active_conditions
 6548 mean_Sodium<=Leukocytes____volume__in_Blood_by_Automated_count^2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
 6549 mean_Sodium<=ceil(Sodium)+procedures_lifetime_cost
 6550 mean_Sodium<=maximum(lifetime_condition_length,ceil(Sodium))
 6551 mean_Sodium<=maximum(Sodium,medications_lifetime^2)
 6552 mean_Sodium<=Potassium+Sodium-1
 6553
 mean_Sodium<=Respiratory_rate^2-Globulin__Mass_volume__in_Serum_by_calculation
 6554 mean_Sodium<=2*Calcium^2
 6555 mean_Sodium<=Chloride^2/active_care_plan_length
 6556 mean_Sodium<=Sodium+e^procedures_lifetime
 6557 mean_Sodium<=(1/encounters_lifetime_perc_covered)^Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 6558 mean_Sodium<=maximum(Sodium,e^medications_lifetime)
 6559 mean_Sodium<=Diastolic_Blood_Pressure-longitude+1
 6560 mean_Sodium<=Sodium+mean_Potassium-1
 6561 mean_Sodium<=log(Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count)/log(10)+Sodium
 6562 mean_Sodium<=2*Diastolic_Blood_Pressure-Erythrocytes____volume__in_Blood_by_Automated_count
 6563
 mean_Sodium<=Chloride*log(Erythrocytes____volume__in_Blood_by_Automated_count)
 6564
 mean_Sodium<=Diastolic_Blood_Pressure+2*High_Density_Lipoprotein_Cholesterol
 6565 mean_Sodium>=latitude

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6566 mean_Sodium>=Creatinine*log(encounters_count)
6567 mean_Sodium>=Sodium-medications_lifetime
6568 mean_Sodium>=log(Low_Density_Lipoprotein_Cholesterol)/log(10)+Alkaline_phos
phatase__Enzymatic_activity_volume__in_Serum,Plasma
6569 mean_Sodium>=Sodium-procedures_lifetime
6570 mean_Sodium>=Sodium^QOLS
6571 mean_Sodium>=-healthcare_expenses
6572 mean_Sodium>=Sodium-mean_Creatinine
6573 mean_Sodium>=Heart_rate+ceil(DALY)
6574 mean_Sodium>=DALY+procedures_lifetime
6575 mean_Sodium>=minimum(Systolic_Blood_Pressure,Sodium)
6576 mean_Sodium>=minimum(Low_Density_Lipoprotein_Cholesterol,Sodium)
6577 mean_Sodium>=healthcare_expenses^longitude
6578 mean_Sodium>=ceil(Alanine_aminotransferase__Enzymatic_activity_volume__in_S
erum,Plasma)+procedures_lifetime
6579 mean_Sodium>=High_Density_Lipoprotein_Cholesterol+active_care_plan_length+1
6580 mean_Sodium>=minimum(Sodium,Hemoglobin_A1c_Hemoglobin_total_in_Blood)
6581 mean_Sodium>=Heart_rate+Hematocrit__Volume_Fraction__of_Blood_by_Automated_
count-1
6582 mean_Sodium>=Carbon_Dioxide+ceil(Chloride)
6583 mean_Sodium>=(Body_Mass_Index-1)*Erythrocytes___volume__in_Blood_by_Automa
ted_count
6584 mean_Sodium>=Sodium/active_conditions
6585 mean_Sodium>=encounters_count/DALY
6586 mean_Sodium>=minimum(Sodium,10^immunizations_lifetime)
6587 mean_Sodium>=ceil(Chloride)+mean_Carbon_Dioxide
6588 mean_Sodium>=Low_Density_Lipoprotein_Cholesterol-mean_Urea_Nitrogen+1
6589 mean_Sodium>=minimum(latitude,10^healthcare_expenses)
6590 mean_Sodium>=MCV__Entitic_volume__by_Automated_count+ceil(latitude)
6591 mean_Sodium>=2*active_condition_length-active_conditions
6592 mean_Sodium>=Body_Weight+1/2*Protein__Mass_volume__in_Serum,Plasma
6593 mean_Sodium>=Sodium-healthcare_coverage
6594 mean_Sodium>=floor(Sodium)^num_allergies
6595 mean_Sodium>=minimum(Sodium,10^device_lifetime_length)
6596 mean_Sodium>=Chloride+MCH__Entitic_mass__by_Automated_count+1
6597 mean_Sodium>=sqrt(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum
,Plasma)+Systolic_Blood_Pressure
6598 mean_Sodium>=1/2*Body_Mass_Index/QOLS
6599 mean_Sodium>=Body_Weight+floor(Erythrocyte_distribution_width__Entitic_volu
me__by_Automated_count)
6600 mean_Sodium>=-Carbon_Dioxide+2*High_Density_Lipoprotein_Cholesterol
6601
mean_Sodium>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,floor(Sodium))
6602 mean_Sodium>=Sodium*floor(Bilirubin_total__Mass_volume__in_Serum,Plasma)
6603 mean_Sodium>=-Potassium+Sodium+1
6604 mean_Sodium>=Chloride+ceil(Carbon_Dioxide)
6605 mean_Systolic_Blood_Pressure<=healthcare_expenses
6606 mean_Systolic_Blood_Pressure<=maximum(Triglycerides,floor(Systolic_Blood_Pr

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essure))
6607
mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+active_care_plan_length
6608 mean_Systolic_Blood_Pressure<=maximum(lifetime_condition_length,Systolic_Blood_Pressure)
6609 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,mean_Microalbumin_Creatinine_Ratio)
6610 mean_Systolic_Blood_Pressure<=sqrt(healthcare_coverage)+mean_Estimated_Glomerular_Filtration_Rate
6611
mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+mean_Respiratory_rate-1
6612 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure/QOLS
6613
mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,Triglycerides)
6614 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure^lifetime_conditions
6615
mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+procedures_lifetime_cost
6616 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+medications_lifetime
6617 mean_Systolic_Blood_Pressure<=maximum(mean_Microalbumin_Creatinine_Ratio,floor(Systolic_Blood_Pressure))
6618 mean_Systolic_Blood_Pressure<=maximum(medications_lifetime_cost,Systolic_Blood_Pressure)
6619 mean_Systolic_Blood_Pressure<=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2+mean_Triglycerides
6620 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,2*Microalbumin_Creatinine_Ratio)
6621 mean_Systolic_Blood_Pressure<=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean_Diastolic_Blood_Pressure
6622 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,10^DALY)
6623 mean_Systolic_Blood_Pressure<=2*Diastolic_Blood_Pressure-active_conditions
6624 mean_Systolic_Blood_Pressure<=Glomerular_filtration_rate_1_73_sq_M_predicted+mean_Chloride-1
6625 mean_Systolic_Blood_Pressure<=Calcium*Potassium^2
6626 mean_Systolic_Blood_Pressure<=sqrt(Glomerular_filtration_rate_1_73_sq_M_predicted)+Systolic_Blood_Pressure
6627 mean_Systolic_Blood_Pressure<=1/2*Albumin_Mass_volume_in_Serum,Plasma*mean_Protein_Mass_volume_in_Serum,Plasma
6628 mean_Systolic_Blood_Pressure<=log(QALY)^Leukocytes_volume_in_Blood_by_Automated_count
6629 mean_Systolic_Blood_Pressure<=Systolic_Blood_Pressure+e^Prostate_specific_Ag_Mass_volume_in_Serum,Plasma
6630 mean_Systolic_Blood_Pressure<=Estimated_Glomerular_Filtration_Rate+Systolic_Blood_Pressure
6631 mean_Systolic_Blood_Pressure<=e^Estimated_Glomerular_Filtration_Rate+mean_Chloride
6632 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,mean_Triglycerides)
6633 mean_Systolic_Blood_Pressure<=Carbon_Dioxide*sqrt(latitude)

```


6634 mean_Systolic_Blood_Pressure<=2*encounters_count+mean_Estimated_Glomerular_Filtration_Rate
 6635 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,e^active_conditions)
 6636 mean_Systolic_Blood_Pressure<=active_condition_length^2-Microalbumin_Creatinine_Ratio
 6637 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,medications_lifetime^2)
 6638 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,encounters_count^2)
 6639 mean_Systolic_Blood_Pressure<=maximum(Systolic_Blood_Pressure,1/imaging_studies_lifetime)
 6640 mean_Systolic_Blood_Pressure<=(1/medications_lifetime_perc_covered)^Body_Mass_Index
 6641 mean_Systolic_Blood_Pressure<=(QOLS+1)*Systolic_Blood_Pressure
 6642 mean_Systolic_Blood_Pressure>=latitude
 6643
 mean_Systolic_Blood_Pressure>=minimum(mean_Glucose,Systolic_Blood_Pressure-1)
 6644 mean_Systolic_Blood_Pressure>=Sodium-
 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-1
 6645 mean_Systolic_Blood_Pressure>=(Urea_Nitrogen^2)^medications_lifetime_perc_covered
 6646 mean_Systolic_Blood_Pressure>=sqrt(QOLS)*Systolic_Blood_Pressure
 6647 mean_Systolic_Blood_Pressure>=Sodium*log(active_care_plans)/log(10)
 6648 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
 active_care_plan_length
 6649 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure/lifetime_conditions
 6650 mean_Systolic_Blood_Pressure>=device_lifetime_length^2/Body_Mass_Index
 6651 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
 procedures_lifetime_cost
 6652 mean_Systolic_Blood_Pressure>=-Respiratory_rate+Systolic_Blood_Pressure+1
 6653 mean_Systolic_Blood_Pressure>=(DALY^2)^QOLS
 6654
 mean_Systolic_Blood_Pressure>=latitude*log(immunizations_lifetime_cost)/log(10)
 6655 mean_Systolic_Blood_Pressure>=-Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count+Systolic_Blood_Pressure+1
 6656 mean_Systolic_Blood_Pressure>=Body_Mass_Index+Glomerular_filtration_rate_1_73_sq_M_predicted+1
 6657 mean_Systolic_Blood_Pressure>=1/2*Glomerular_filtration_rate_1_73_sq_M_predicted+High_Density_Lipoprotein_Cholesterol
 6658 mean_Systolic_Blood_Pressure>=healthcare_expenses^longitude
 6659 mean_Systolic_Blood_Pressure>=floor(Body_Mass_Index)*mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported
 6660 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure^QOLS
 6661 mean_Systolic_Blood_Pressure>=floor(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)-mean_Urea_Nitrogen
 6662 mean_Systolic_Blood_Pressure>=sqrt(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)+Chloride

```

6663 mean_Systolic_Blood_Pressure>=log(lifetime_condition_length)*mean_Alanine_a
minotransferase__Enzymatic_activity_volume__in_Serum,Plasma/log(10)
6664 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
mean_Respiratory_rate+1
6665 mean_Systolic_Blood_Pressure>=2*Respiratory_rate+active_care_plan_length
6666 mean_Systolic_Blood_Pressure>=minimum(Systolic_Blood_Pressure,10^immunizati
ons_lifetime)
6667 mean_Systolic_Blood_Pressure>=minimum(Estimated_Glomerular_Filtration_Rate,
floor(Systolic_Blood_Pressure))
6668 mean_Systolic_Blood_Pressure>=sqrt(Platelet_mean_volume__Entitic_volume__in
_Blood_by_Automated_count)^Creatinine
6669 mean_Systolic_Blood_Pressure>=2*active_condition_length-mean_Carbon_Dioxide
6670 mean_Systolic_Blood_Pressure>=Urea_Nitrogen*floor(Hemoglobin_A1c_Hemoglobin
_total_in_Blood)
6671 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-Urea_Nitrogen-1
6672 mean_Systolic_Blood_Pressure>=Glucose^2/Platelets___volume__in_Blood_by_Au
tomated_count
6673 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure*floor(Bilirubin_total
__Mass_volume__in_Serum,Plasma)
6674 mean_Systolic_Blood_Pressure>=Glucose-immunizations_lifetime_cost+1
6675 mean_Systolic_Blood_Pressure>=(active_conditions^2)^num_allergies
6676 mean_Systolic_Blood_Pressure>=Systolic_Blood_Pressure-
medications_lifetime_cost
6677 mean_Systolic_Blood_Pressure>=4*Carbon_Dioxide
6678 mean_Systolic_Blood_Pressure>=minimum(latitude,10^healthcare_expenses)
6679 mean_Systolic_Blood_Pressure>=-Alanine_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma+e^Pain_severity___0_10_verbal_numeric_rating__Score____
Reported
6680 mean_Systolic_Blood_Pressure>=Leukocytes___volume__in_Blood_by_Automated_c
ount^2+procedures_lifetime
6681 mean_Systolic_Blood_Pressure>=MCH__Entitic_mass__by_Automated_count*log(MCH
C__Mass_volume__by_Automated_count)
6682 mean_Systolic_Blood_Pressure>=Leukocytes___volume__in_Blood_by_Automated_c
ount^2+Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
6683 mean_Systolic_Blood_Pressure>=High_Density_Lipoprotein_Cholesterol+floor(Bo
dy_Mass_Index)
6684 mean_Systolic_Blood_Pressure>=sqrt(medications_lifetime)+Diastolic_Blood_Pr
essure
6685 mean_Systolic_Blood_Pressure>=Carbon_Dioxide*log(active_condition_length)
6686 mean_Systolic_Blood_Pressure>=floor(Microalbumin_Creatinine_Ratio)-medicati
ons_lifetime
6687 mean_Systolic_Blood_Pressure>=Hemoglobin_A1c_Hemoglobin_total_in_Blood*sqrt
(lifetime_condition_length)
6688 mean_Systolic_Blood_Pressure>=sqrt(Platelets___volume__in_Blood_by_Automat
ed_count)/encounters_lifetime_perc_covered
6689 mean_Systolic_Blood_Pressure>=medications_active^2+Erythrocyte_distribution
_width__Entitic_volume__by_Automated_count
6690 mean_Systolic_Blood_Pressure>=minimum(encounters_count,1/medications_lifeti

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me_perc_covered)
6691 mean_Total_Cholesterol<=healthcare_expenses
6692
mean_Total_Cholesterol<=Triglycerides+mean_Low_Density_Lipoprotein_Cholesterol-1
6693 mean_Total_Cholesterol<=10^QOLS*Body_Height
6694 mean_Total_Cholesterol<=log(Triglycerides)*mean_Chloride/log(10)
6695 mean_Total_Cholesterol<=Protein__Mass_volume__in_Serum,Plasma+mean_Triglyce
rides-1
6696 mean_Total_Cholesterol<=Total_Cholesterol*ceil(mean_Creatinine)
6697 mean_Total_Cholesterol<=Total_Cholesterol+healthcare_coverage
6698 mean_Total_Cholesterol<=Total_Cholesterol/num_allergies
6699 mean_Total_Cholesterol<=Total_Cholesterol^active_conditions
6700 mean_Total_Cholesterol<=2*Estimated_Glomerular_Filtration_Rate+lifetime_con
dition_length
6701 mean_Total_Cholesterol<=Total_Cholesterol+medications_lifetime
6702 mean_Total_Cholesterol<=latitude+2*mean_Low_Density_Lipoprotein_Cholesterol
6703
mean_Total_Cholesterol<=maximum(medications_lifetime_cost,Total_Cholesterol)
6704 mean_Total_Cholesterol<=maximum(Total_Cholesterol,encounters_count^2)
6705 mean_Total_Cholesterol<=maximum(medications_lifetime_dispenses,Total_Choles
terol)
6706 mean_Total_Cholesterol<=Total_Cholesterol/QOLS
6707 mean_Total_Cholesterol<=maximum(Total_Cholesterol,medications_lifetime^2)
6708 mean_Total_Cholesterol<=Body_Height+e^Estimated_Glomerular_Filtration_Rate
6709 mean_Total_Cholesterol<=QALY*ceil(Microalbumin_Creatinine_Ratio)
6710 mean_Total_Cholesterol<=mean_Potassium^Leukocytes___volume__in_Blood_by_Au
tomated_count
6711
mean_Total_Cholesterol<=2*MCH__Entitic_mass__by_Automated_count*mean_Potassium
6712 mean_Total_Cholesterol<=Total_Cholesterol+mean_Estimated_Glomerular_Filtrat
ion_Rate-1
6713 mean_Total_Cholesterol<=Aspartate_aminotransferase__Enzymatic_activity_volu
me__in_Serum,Plasma*floor(active_condition_length)
6714
mean_Total_Cholesterol<=Calcium+Platelets___volume__in_Blood_by_Automated_count
6715 mean_Total_Cholesterol<=maximum(Total_Cholesterol,e^active_conditions)
6716 mean_Total_Cholesterol<=2*mean_Low_Density_Lipoprotein_Cholesterol/Bilirubi
n_total__Mass_volume__in_Serum,Plasma
6717 mean_Total_Cholesterol<=Hemoglobin_A1c_Hemoglobin_total_in_Blood*floor(mean
_Glucose)
6718 mean_Total_Cholesterol<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)^Ure
a_Nitrogen
6719
mean_Total_Cholesterol<=Low_Density_Lipoprotein_Cholesterol+mean_Triglycerides-1
6720 mean_Total_Cholesterol<=(Albumin__Mass_volume__in_Serum,Plasma+1)^mean_Albu
min__Mass_volume__in_Serum,Plasma
6721 mean_Total_Cholesterol<=4*Urea_Nitrogen^2
6722 mean_Total_Cholesterol<=Heart_rate+2*mean_Diastolic_Blood_Pressure

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6723 $\text{mean_Total_Cholesterol} \leq 10^{\text{Albumin_Mass_volume_in_Serum,Plasma} / \text{mean_Aspartate_aminotransferase_Enzymatic_activity_volume_in_Serum,Plasma}}$
 6724
 $\text{mean_Total_Cholesterol} \leq \text{Glomerular_filtration_rate_1_73_sq_M_predicted} + 2 * \text{Glucose}$
 6725 $\text{mean_Total_Cholesterol} \leq 2 * \text{Diastolic_Blood_Pressure} + \text{Heart_rate}$
 6726 $\text{mean_Total_Cholesterol} \leq \text{mean_Carbon_Dioxide}^2 - \text{Total_Cholesterol}$
 6727 $\text{mean_Total_Cholesterol} \leq \sqrt{\text{Urea_Nitrogen}} * \text{mean_Protein_Mass_volume_in_Serum,Plasma}$
 6728 $\text{mean_Total_Cholesterol} \leq e^{\text{Calcium} / \text{mean_Carbon_Dioxide}}$
 6729 $\text{mean_Total_Cholesterol} \leq 2 * \text{mean_Glucose} + \text{mean_Microalbumin_Creatinine_Ratio}$
 6730 $\text{mean_Total_Cholesterol} \geq \text{latitude}$
 6731
 $\text{mean_Total_Cholesterol} \geq 10^{\text{medications_lifetime_perc_covered} * \text{Body_Mass_Index}}$
 6732
 $\text{mean_Total_Cholesterol} \geq \text{minimum}(\text{Total_Cholesterol}, 10^{\text{immunizations_lifetime}})$
 6733 $\text{mean_Total_Cholesterol} \geq \text{minimum}(\text{Total_Cholesterol}, \text{mean_DALY})$
 6734 $\text{mean_Total_Cholesterol} \geq \text{minimum}(\text{Triglycerides}, \text{Total_Cholesterol})$
 6735
 $\text{mean_Total_Cholesterol} \geq 1/2 * \text{QALY} / \text{Bilirubin_total_Mass_volume_in_Serum,Plasma}$
 6736 $\text{mean_Total_Cholesterol} \geq \text{Total_Cholesterol}^{\text{QOLS}}$
 6737 $\text{mean_Total_Cholesterol} \geq \text{Protein_Mass_volume_in_Serum,Plasma} * \log(\text{active_conditions})$
 6738 $\text{mean_Total_Cholesterol} \geq -\text{healthcare_expenses}$
 6739 $\text{mean_Total_Cholesterol} \geq \text{Albumin_Mass_volume_in_Serum,Plasma} * \text{device_lifetime_length}$
 6740 $\text{mean_Total_Cholesterol} \geq -\text{Low_Density_Lipoprotein_Cholesterol} + \text{ceil}(\text{lifetime_care_plan_length})$
 6741 $\text{mean_Total_Cholesterol} \geq -\text{Estimated_Glomerular_Filtration_Rate} + \text{floor}(\text{Total_Cholesterol})$
 6742 $\text{mean_Total_Cholesterol} \geq \text{Total_Cholesterol} - \text{medications_lifetime}$
 6743 $\text{mean_Total_Cholesterol} \geq \text{Total_Cholesterol} - \text{healthcare_coverage}$
 6744 $\text{mean_Total_Cholesterol} \geq \text{minimum}(\text{Total_Cholesterol}, \text{Urea_Nitrogen})$
 6745 $\text{mean_Total_Cholesterol} \geq -\text{Erythrocytes_volume_in_Blood_by_Automated_count} + \text{Total_Cholesterol} + 1$
 6746 $\text{mean_Total_Cholesterol} \geq \text{Total_Cholesterol} - \text{procedures_lifetime_cost}$
 6747 $\text{mean_Total_Cholesterol} \geq \text{minimum}(\text{medications_lifetime}, \text{Body_Height} + 1)$
 6748 $\text{mean_Total_Cholesterol} \geq \text{healthcare_expenses}^{\text{longitude}}$
 6749 $\text{mean_Total_Cholesterol} \geq \log(\text{encounters_count}) * \text{mean_High_Density_Lipoprotein_Cholesterol} / \log(10)$
 6750 $\text{mean_Total_Cholesterol} \geq \text{ceil}(\text{Microalbumin_Creatinine_Ratio}) / \text{Creatinine}$
 6751 $\text{mean_Total_Cholesterol} \geq \text{encounters_count} - \text{mean_Microalbumin_Creatinine_Ratio} + 1$
 6752 $\text{mean_Total_Cholesterol} \geq \text{Total_Cholesterol} - \text{active_care_plan_length}$
 6753 $\text{mean_Total_Cholesterol} \geq \text{Estimated_Glomerular_Filtration_Rate} + \text{active_condition_length} + 1$
 6754 $\text{mean_Total_Cholesterol} \geq -\text{encounters_count} + 1/2 * \text{medications_lifetime}$
 6755 $\text{mean_Total_Cholesterol} \geq -\text{Leukocytes_volume_in_Blood_by_Automated_count} + \text{lifetime_care_plan_length} + 1$

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6756 mean_Total_Cholesterol>=Chloride+active_care_plan_length+1
6757 mean_Total_Cholesterol>=DALY/QOLS
6758 mean_Total_Cholesterol>=Total_Cholesterol/active_conditions
6759 mean_Total_Cholesterol>=MCHC__Mass_volume__by_Automated_count+1/2*encounter
s_count
6760
mean_Total_Cholesterol>=10^num_allergies*Estimated_Glomerular_Filtration_Rate
6761 mean_Total_Cholesterol>=(Hemoglobin_A1c_Hemoglobin_total_in_Blood-1)*Body_M
ass_Index
6762 mean_Total_Cholesterol>=Alkaline_phosphatase__Enzymatic_activity_volume__in
_Serum,Plasma+procedures_lifetime+1
6763 mean_Total_Cholesterol>=active_conditions^2-Erythrocyte_distribution_width_
_Entitic_volume__by_Automated_count
6764 mean_Total_Cholesterol>=minimum(Total_Cholesterol,mean_Hemoglobin_A1c_Hemog
lobin_total_in_Blood)
6765 mean_Total_Cholesterol>=10^e^encounters_lifetime_perc_covered
6766 mean_Total_Cholesterol>=active_conditions^2/Creatinine
6767 mean_Total_Cholesterol>=minimum(latitude,10^healthcare_expenses)
6768 mean_Total_Cholesterol>=1/2*High_Density_Lipoprotein_Cholesterol/QOLS
6769
mean_Total_Cholesterol>=(Carbon_Dioxide^2)^medications_lifetime_perc_covered
6770 mean_Total_Cholesterol>=-Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma+2*Body_Weight
6771 mean_Triglycerides<=healthcare_expenses
6772 mean_Triglycerides<=maximum(Triglycerides,encounters_count^2)
6773 mean_Triglycerides<=Triglycerides/QOLS
6774 mean_Triglycerides<=Triglycerides+ceil(latitude)
6775 mean_Triglycerides<=Triglycerides^active_conditions
6776
mean_Triglycerides<=2*Diastolic_Blood_Pressure/medications_lifetime_perc_covered
6777 mean_Triglycerides<=Triglycerides+lifetime_care_plan_length
6778 mean_Triglycerides<=Triglycerides+healthcare_coverage
6779 mean_Triglycerides<=1/2*Platelets___volume__in_Blood_by_Automated_count/me
dications_lifetime_perc_covered
6780 mean_Triglycerides<=(1/encounters_lifetime_perc_covered)^Alanine_aminotrans
ferase__Enzymatic_activity_volume__in_Serum,Plasma
6781 mean_Triglycerides<=Triglycerides/num_allergies
6782
mean_Triglycerides<=(log(Hemoglobin__Mass_volume__in_Blood)/log(10))^Heart_rate
6783 mean_Triglycerides<=Triglycerides+medications_lifetime_cost
6784 mean_Triglycerides<=maximum(medications_lifetime_cost,Triglycerides)
6785 mean_Triglycerides<=2*mean_Heart_rate/medications_lifetime_perc_covered
6786 mean_Triglycerides<=maximum(Triglycerides,2*mean_Low_Density_Lipoprotein_Ch
olesterol)
6787 mean_Triglycerides<=maximum(Triglycerides,Total_Cholesterol)
6788 mean_Triglycerides<=10^Leukocytes___volume__in_Blood_by_Automated_count/MC
HC__Mass_volume__by_Automated_count
6789 mean_Triglycerides<=maximum(medications_lifetime_dispenses,Triglycerides)

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6790 mean_Triglycerides<=e^Platelet_mean_volume__Entitic_volume__in_Blood_by_Aut
 omated_count/mean_Diastolic_Blood_Pressure
 6791 mean_Triglycerides<=mean_Total_Cholesterol/Bilirubin_total__Mass_volume__in
 _Serum,Plasma
 6792 mean_Triglycerides<=Sodium+e^Albumin__Mass_volume__in_Serum,Plasma
 6793 mean_Triglycerides<=10^DALY+Triglycerides
 6794
 mean_Triglycerides<=10^Albumin__Mass_volume__in_Serum,Plasma/mean_Carbon_Dioxide
 6795 mean_Triglycerides<=log(procedures_lifetime_cost)^Hemoglobin_A1c_Hemoglobin
 _total_in_Blood
 6796 mean_Triglycerides<=(log(mean_Glucose)/log(10))^mean_Estimated_Glomerular_F
 iltration_Rate
 6797 mean_Triglycerides<=maximum(Triglycerides,e^active_conditions)
 6798 mean_Triglycerides<=maximum(Body_Height,10^mean_Creatinine)
 6799 mean_Triglycerides<=(Urea_Nitrogen-1)*QALY
 6800 mean_Triglycerides<=Triglycerides*ceil(mean_Creatinine)
 6801
 mean_Triglycerides<=Respiratory_rate*e^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 6802 mean_Triglycerides<=High_Density_Lipoprotein_Cholesterol^2*QOLS
 6803 mean_Triglycerides<=mean_Carbon_Dioxide^2/Globulin__Mass_volume__in_Serum_b
 y_calculation
 6804 mean_Triglycerides<=Respiratory_rate^2-Prostate_specific_Ag__Mass_volume__i
 n_Serum,Plasma
 6805 mean_Triglycerides<=1/2*Body_Weight+Triglycerides
 6806 mean_Triglycerides<=2*Triglycerides-age
 6807 mean_Triglycerides<=Triglycerides+mean_Glomerular_filtration_rate_1_73_sq_M
 _predicted+1
 6808
 mean_Triglycerides<=(log(Low_Density_Lipoprotein_Cholesterol)/log(10))^Calcium
 6809 mean_Triglycerides<=maximum(Triglycerides,2*MCV__Entitic_volume__by_Automat
 ed_count)
 6810 mean_Triglycerides<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*mean_He
 art_rate
 6811 mean_Triglycerides<=e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+me
 an_Body_Height
 6812 mean_Triglycerides>=latitude
 6813 mean_Triglycerides>=-Body_Mass_Index+Triglycerides+1
 6814 mean_Triglycerides>=minimum(Triglycerides,1/medications_active)
 6815 mean_Triglycerides>=Triglycerides-procedures_lifetime_cost
 6816 mean_Triglycerides>=1/Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+me
 an_Systolic_Blood_Pressure
 6817 mean_Triglycerides>=Triglycerides-medications_lifetime
 6818 mean_Triglycerides>=Triglycerides^QOLS
 6819
 mean_Triglycerides>=-High_Density_Lipoprotein_Cholesterol+1/2*encounters_count
 6820 mean_Triglycerides>=-mean_Low_Density_Lipoprotein_Cholesterol+2*procedures_
 lifetime
 6821 mean_Triglycerides>=2*age-mean_Microalbumin_Creatinine_Ratio

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6822 mean_Triglycerides>=-healthcare_expenses
6823 mean_Triglycerides>=-Creatinine+1/2*lifetime_care_plan_length
6824 mean_Triglycerides>=2*medications_lifetime/mean_Urea_Nitrogen
6825 mean_Triglycerides>=Triglycerides-active_care_plan_length
6826 mean_Triglycerides>=(DALY^2)^num_allergies
6827 mean_Triglycerides>=Estimated_Glomerular_Filtration_Rate-
Hemoglobin_A1c_Hemoglobin_total_in_Blood
6828 mean_Triglycerides>=log(Erythrocytes___volume__in_Blood_by_Automated_count
)^Leukocytes___volume__in_Blood_by_Automated_count
6829
mean_Triglycerides>=Hemoglobin_A1c_Hemoglobin_total_in_Blood^2*mean_Creatinine
6830 mean_Triglycerides>=healthcare_expenses^longitude
6831
mean_Triglycerides>=minimum(Triglycerides,Low_Density_Lipoprotein_Cholesterol)
6832 mean_Triglycerides>=minimum(Triglycerides,Chloride)
6833 mean_Triglycerides>=Triglycerides/active_conditions
6834 mean_Triglycerides>=minimum(Triglycerides,Creatinine)
6835 mean_Triglycerides>=minimum(Triglycerides,Hemoglobin_A1c_Hemoglobin_total_i
n_Blood)
6836 mean_Triglycerides>=1/2*Microalbumin_Creatinine_Ratio-
lifetime_care_plan_length
6837 mean_Triglycerides>=log(Creatinine)^mean_Potassium
6838 mean_Triglycerides>=Urea_Nitrogen/QOLS
6839 mean_Triglycerides>=1/2*Heart_rate+active_condition_length
6840
mean_Triglycerides>=Bilirubin_total__Mass_volume__in_Serum,Plasma^Carbon_Dioxide
6841
mean_Triglycerides>=minimum(Triglycerides,Estimated_Glomerular_Filtration_Rate)
6842
mean_Triglycerides>=ceil(MCHC__Mass_volume__by_Automated_count)*mean_Creatinine
6843 mean_Triglycerides>=2*Heart_rate-mean_Microalbumin_Creatinine_Ratio
6844 mean_Triglycerides>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Low_D
ensity_Lipoprotein_Cholesterol
6845 mean_Triglycerides>=Triglycerides-healthcare_coverage
6846 mean_Triglycerides>=minimum(latitude,10^healthcare_expenses)
6847 mean_Triglycerides>=Total_Cholesterol*medications_lifetime_perc_covered^2
6848 mean_Triglycerides>=active_care_plans^2/QOLS
6849 mean_Triglycerides>=sqrt(Microalbumin_Creatinine_Ratio)+Low_Density_Lipopro
tein_Cholesterol
6850 mean_Urea_Nitrogen<=healthcare_expenses
6851 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,e^active_conditions)
6852 mean_Urea_Nitrogen<=Estimated_Glomerular_Filtration_Rate^Hemoglobin_A1c_Hem
oglobin_total_in_Blood
6853 mean_Urea_Nitrogen<=DALY+Urea_Nitrogen+1
6854 mean_Urea_Nitrogen<=maximum(active_care_plan_length,Urea_Nitrogen)
6855 mean_Urea_Nitrogen<=maximum(QALY,sqrt(Systolic_Blood_Pressure))
6856 mean_Urea_Nitrogen<=Urea_Nitrogen*ceil(DALY)
6857 mean_Urea_Nitrogen<=maximum(mean_Aspartate_aminotransferase__Enzymatic_acti

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vity_volume__in_Serum,Plasma,1/2*Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
 6858 mean_Urea_Nitrogen<=2*Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count-2
 6859 mean_Urea_Nitrogen<=Erythrocytes___volume__in_Blood_by_Automated_count^2-1
 6860 mean_Urea_Nitrogen<=Hemoglobin__Mass_volume__in_Blood+1/2*Respiratory_rate
 6861 mean_Urea_Nitrogen<=floor(Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)+mean_Calcium
 6862 mean_Urea_Nitrogen<=2*Creatinine*Urea_Nitrogen
 6863 mean_Urea_Nitrogen<=Urea_Nitrogen+procedures_lifetime_cost
 6864 mean_Urea_Nitrogen<=Chloride^2/medications_lifetime
 6865
 mean_Urea_Nitrogen<=log(healthcare_expenses)/medications_lifetime_perc_covered
 6866 mean_Urea_Nitrogen<=Urea_Nitrogen+healthcare_coverage
 6867 mean_Urea_Nitrogen<=-Carbon_Dioxide+e^Albumin__Mass_volume__in_Serum,Plasma
 6868 mean_Urea_Nitrogen<=Diastolic_Blood_Pressure^2/Triglycerides
 6869 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,active_conditions^2)
 6870 mean_Urea_Nitrogen<=(Estimated_Glomerular_Filtration_Rate+1)*Creatinine
 6871 mean_Urea_Nitrogen<=log(encounters_lifetime_perc_covered)*longitude
 6872 mean_Urea_Nitrogen<=floor(Sodium)/lifetime_care_plans
 6873 mean_Urea_Nitrogen<=Urea_Nitrogen+medications_lifetime
 6874 mean_Urea_Nitrogen<=QALY-active_conditions
 6875 mean_Urea_Nitrogen<=encounters_lifetime_perc_covered*mean_Systolic_Blood_Pressure
 6876 mean_Urea_Nitrogen<=-Albumin__Mass_volume__in_Serum,Plasma+2*medications_lifetime
 6877 mean_Urea_Nitrogen<=Albumin__Mass_volume__in_Serum,Plasma^2+immunizations_lifetime_cost
 6878 mean_Urea_Nitrogen<=(Chloride-1)/active_care_plans
 6879
 mean_Urea_Nitrogen<=sqrt(Hemoglobin_A1c_Hemoglobin_total_in_Blood)*Urea_Nitrogen
 6880 mean_Urea_Nitrogen<=(Potassium-1)*Microalbumin_Creatinine_Ratio
 6881 mean_Urea_Nitrogen<=maximum(Heart_rate,Urea_Nitrogen)
 6882
 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,Hemoglobin__Mass_volume__in_Blood+1)
 6883 mean_Urea_Nitrogen<=Body_Height-Low_Density_Lipoprotein_Cholesterol-1
 6884 mean_Urea_Nitrogen<=e^Prostate_specific_Ag__Mass_volume__in_Serum,Plasma/imagining_studies_lifetime
 6885 mean_Urea_Nitrogen<=Hemoglobin_A1c_Hemoglobin_total_in_Blood+mean_Respiratory_rate-1
 6886 mean_Urea_Nitrogen<=2*Heart_rate*QOLS
 6887 mean_Urea_Nitrogen<=sqrt(medications_lifetime)+Urea_Nitrogen
 6888 mean_Urea_Nitrogen<=maximum(medications_lifetime_length,Urea_Nitrogen)
 6889 mean_Urea_Nitrogen<=2*Prostate_specific_Ag__Mass_volume__in_Serum,Plasma+Urea_Nitrogen
 6890 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,ceil(Hemoglobin__Mass_volume__in_Blood))
 6891 mean_Urea_Nitrogen<=Urea_Nitrogen^active_care_plans

6892 mean_Urea_Nitrogen<=1/2*Low_Density_Lipoprotein_Cholesterol-
 Respiratory_rate
 6893 mean_Urea_Nitrogen<=log(Erythrocyte_distribution_width__Entitic_volume__by_
 Automated_count)^active_care_plans
 6894 mean_Urea_Nitrogen<=sqrt(Platelet_mean_volume__Entitic_volume__in_Blood_by_
 Automated_count)^Hemoglobin_A1c_Hemoglobin_total_in_Blood
 6895 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,10^medications_active)
 6896 mean_Urea_Nitrogen<=(Low_Density_Lipoprotein_Cholesterol+1)/Potassium
 6897 mean_Urea_Nitrogen<=MCH__Entitic_mass__by_Automated_count-
 active_conditions-1
 6898 mean_Urea_Nitrogen<=ceil(Urea_Nitrogen)/encounters_lifetime_perc_covered
 6899 mean_Urea_Nitrogen<=maximum(Urea_Nitrogen,sqrt(Platelet_distribution_width_
 __Entitic_volume__in_Blood_by_Automated_count))
 6900 mean_Urea_Nitrogen>=longitude
 6901 mean_Urea_Nitrogen>=-DALY+Urea_Nitrogen
 6902 mean_Urea_Nitrogen>=minimum(DALY,log(encounters_lifetime_total_cost))
 6903 mean_Urea_Nitrogen>=Microalbumin_Creatinine_Ratio^2/encounters_lifetime_pay
 er_coverage
 6904 mean_Urea_Nitrogen>=minimum(medications_active,Urea_Nitrogen)
 6905 mean_Urea_Nitrogen>=1/2*Hemoglobin_A1c_Hemoglobin_total_in_Blood/encounters
 _lifetime_perc_covered
 6906 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,Calcium)
 6907 mean_Urea_Nitrogen>=(Urea_Nitrogen+1)*encounters_lifetime_perc_covered
 6908 mean_Urea_Nitrogen>=active_conditions-lifetime_care_plans+1
 6909 mean_Urea_Nitrogen>=e^imaging_studies_lifetime/Albumin__Mass_volume__in_Ser
 um,Plasma
 6910 mean_Urea_Nitrogen>=(1/2*Pain_severity___0_10_verbal_numeric_rating__Score_
 ___Reported)^mean_Globulin__Mass_volume__in_Serum_by_calculation
 6911 mean_Urea_Nitrogen>=log(Urea_Nitrogen)/(QOLS*log(10))
 6912 mean_Urea_Nitrogen>=-healthcare_expenses
 6913 mean_Urea_Nitrogen>=Urea_Nitrogen-medications_lifetime
 6914 mean_Urea_Nitrogen>=Bilirubin_total__Mass_volume__in_Serum,Plasma*sqrt(immu
 nizations_lifetime_cost)
 6915 mean_Urea_Nitrogen>=Prostate_specific_Ag__Mass_volume__in_Serum,Plasma*log(
 lifetime_care_plan_length)/log(10)
 6916 mean_Urea_Nitrogen>=Urea_Nitrogen*floor(QOLS)
 6917 mean_Urea_Nitrogen>=Alanine_aminotransferase__Enzymatic_activity_volume__in
 _Serum,Plasma-latitude-1
 6918 mean_Urea_Nitrogen>=healthcare_expenses^longitude
 6919 mean_Urea_Nitrogen>=Urea_Nitrogen/active_conditions
 6920 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,Calcium+1)
 6921 mean_Urea_Nitrogen>=Calcium+1/2*Prostate_specific_Ag__Mass_volume__in_Serum
 ,Plasma
 6922 mean_Urea_Nitrogen>=2*Platelet_distribution_width__Entitic_volume__in_Blood
 _by_Automated_count/lifetime_care_plan_length
 6923
 mean_Urea_Nitrogen>=(Triglycerides+1)/mean_High_Density_Lipoprotein_Cholesterol
 6924 mean_Urea_Nitrogen>=(lifetime_care_plan_length+1)/Hemoglobin__Mass_volume__

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in_Blood
6925 mean_Urea_Nitrogen>=-Low_Density_Lipoprotein_Cholesterol+age+1
6926 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,1/Pain_severity___0_10_verbal_num
eric_rating__Score___Reported)
6927 mean_Urea_Nitrogen>=lifetime_care_plans^2-Glucose
6928 mean_Urea_Nitrogen>=2*DALY-medications_lifetime_dispenses
6929 mean_Urea_Nitrogen>=floor(Alkaline_phosphatase__Enzymatic_activity_volume__
in_Serum,Plasma)-mean_Systolic_Blood_Pressure
6930 mean_Urea_Nitrogen>=ceil(active_care_plan_length)-mean_Heart_rate
6931 mean_Urea_Nitrogen>=minimum(Creatinine,sqrt(Sodium))
6932 mean_Urea_Nitrogen>=(medications_lifetime+1)/Body_Weight
6933 mean_Urea_Nitrogen>=Erythrocytes___volume__in_Blood_by_Automated_count*log
(medications_lifetime)/log(10)
6934 mean_Urea_Nitrogen>=active_conditions-procedures_lifetime_cost+1
6935 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,1/2*device_lifetime_length)
6936 mean_Urea_Nitrogen>=MCV__Entitic_volume__by_Automated_count-
mean_Diastolic_Blood_Pressure
6937 mean_Urea_Nitrogen>=(10^healthcare_expenses)^longitude
6938 mean_Urea_Nitrogen>=Platelet_mean_volume__Entitic_volume__in_Blood_by_Autom
ated_count-immunizations_lifetime_cost+1
6939 mean_Urea_Nitrogen>=log(MCV__Entitic_volume__by_Automated_count)*medication
s_active/log(10)
6940
mean_Urea_Nitrogen>=2*medications_lifetime_length/encounters_lifetime_total_cost
6941 mean_Urea_Nitrogen>=ceil(MCHC__Mass_volume__by_Automated_count)/Hemoglobin_
A1c_Hemoglobin_total_in_Blood
6942
mean_Urea_Nitrogen>=(Microalbumin_Creatinine_Ratio+1)/active_condition_length
6943 mean_Urea_Nitrogen>=sqrt(device_lifetime_length)+Pain_severity___0_10_verba
l_numeric_rating__Score___Reported
6944 mean_Urea_Nitrogen>=Bilirubin_total__Mass_volume__in_Serum,Plasma^2*Calcium
6945 mean_Urea_Nitrogen>=Estimated_Glomerular_Filtration_Rate-Triglycerides-1
6946 mean_Urea_Nitrogen>=Low_Density_Lipoprotein_Cholesterol-mean_Sodium+1
6947 mean_Urea_Nitrogen>=log(healthcare_expenses)/Prostate_specific_Ag__Mass_vol
ume__in_Serum,Plasma
6948 mean_Urea_Nitrogen>=minimum(Urea_Nitrogen,mean_Hemoglobin_A1c_Hemoglobin_to
tal_in_Blood)
6949 mean_Urea_Nitrogen>=1/2*active_care_plan_length/mean_Potassium
6950 mean_Urea_Nitrogen>=Systolic_Blood_Pressure-mean_Systolic_Blood_Pressure-1
6951 mean_Urea_Nitrogen>=MCHC__Mass_volume__by_Automated_count-
mean_Carbon_Dioxide+1
6952 mean_Urea_Nitrogen>=(Urea_Nitrogen-1)*medications_lifetime_perc_covered
6953 mean_Urea_Nitrogen>=Urea_Nitrogen-healthcare_coverage
6954 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=he
althcare_expenses
6955 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count<=Er
ythrocyte_distribution_width__Entitic_volume__by_Automated_count
6956 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=lo

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ngitude
6957 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=Erythrocyte_distribution_width__Entitic_volume__by_Automated_count
6958 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=-healthcare_expenses
6959 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=healthcare_expenses^longitude
6960 mean_Erythrocyte_distribution_width__Entitic_volume__by_Automated_count>=(10^healthcare_expenses)^longitude
6961
mean_Erythrocytes___volume__in_Blood_by_Automated_count<=healthcare_expenses
6962 mean_Erythrocytes___volume__in_Blood_by_Automated_count<=Erythrocytes___volume__in_Blood_by_Automated_count
6963 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=longitude
6964 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=Erythrocytes___volume__in_Blood_by_Automated_count
6965
mean_Erythrocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
6966 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=Creatinine
6967 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses^longitude
6968 mean_Erythrocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
6969 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=healthcare_expenses
6970 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count<=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
6971 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=longitude
6972 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=Hematocrit__Volume_Fraction__of_Blood_by_Automated_count
6973 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=-healthcare_expenses
6974 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=healthcare_expenses^longitude
6975 mean_Hematocrit__Volume_Fraction__of_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
6976 mean_Hemoglobin__Mass_volume__in_Blood<=healthcare_expenses
6977 mean_Hemoglobin__Mass_volume__in_Blood<=Hemoglobin__Mass_volume__in_Blood
6978 mean_Hemoglobin__Mass_volume__in_Blood>=longitude
6979 mean_Hemoglobin__Mass_volume__in_Blood>=Hemoglobin__Mass_volume__in_Blood
6980 mean_Hemoglobin__Mass_volume__in_Blood>=-healthcare_expenses
6981 mean_Hemoglobin__Mass_volume__in_Blood>=healthcare_expenses^longitude
6982 mean_Hemoglobin__Mass_volume__in_Blood>=(10^healthcare_expenses)^longitude
6983 mean_Leukocytes___volume__in_Blood_by_Automated_count<=healthcare_expenses
6984 mean_Leukocytes___volume__in_Blood_by_Automated_count<=Leukocytes___volume__in_Blood_by_Automated_count
6985 mean_Leukocytes___volume__in_Blood_by_Automated_count>=longitude
6986 mean_Leukocytes___volume__in_Blood_by_Automated_count>=Leukocytes___volume

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e__in_Blood_by_Automated_count
6987
mean_Leukocytes___volume__in_Blood_by_Automated_count>=-healthcare_expenses
6988 mean_Leukocytes___volume__in_Blood_by_Automated_count>=healthcare_expenses
^longitude
6989 mean_Leukocytes___volume__in_Blood_by_Automated_count>=(10^healthcare_expenses)^longitude
6990 mean_MCH__Entitic_mass__by_Automated_count<=healthcare_expenses
6991 mean_MCH__Entitic_mass__by_Automated_count<=MCH__Entitic_mass__by_Automated_count
6992 mean_MCH__Entitic_mass__by_Automated_count>=longitude
6993 mean_MCH__Entitic_mass__by_Automated_count>=MCH__Entitic_mass__by_Automated_count
6994 mean_MCH__Entitic_mass__by_Automated_count>=-healthcare_expenses
6995 mean_MCH__Entitic_mass__by_Automated_count>=healthcare_expenses^longitude
6996
mean_MCH__Entitic_mass__by_Automated_count>=(10^healthcare_expenses)^longitude
6997 mean_MCHC__Mass_volume__by_Automated_count<=healthcare_expenses
6998 mean_MCHC__Mass_volume__by_Automated_count<=MCHC__Mass_volume__by_Automated_count
6999 mean_MCHC__Mass_volume__by_Automated_count>=longitude
7000 mean_MCHC__Mass_volume__by_Automated_count>=MCHC__Mass_volume__by_Automated_count
7001 mean_MCHC__Mass_volume__by_Automated_count>=-healthcare_expenses
7002 mean_MCHC__Mass_volume__by_Automated_count>=healthcare_expenses^longitude
7003
mean_MCHC__Mass_volume__by_Automated_count>=(10^healthcare_expenses)^longitude
7004 mean_MCV__Entitic_volume__by_Automated_count<=healthcare_expenses
7005 mean_MCV__Entitic_volume__by_Automated_count<=MCV__Entitic_volume__by_Automated_count
7006 mean_MCV__Entitic_volume__by_Automated_count>=latitude
7007 mean_MCV__Entitic_volume__by_Automated_count>=MCV__Entitic_volume__by_Automated_count
7008 mean_MCV__Entitic_volume__by_Automated_count>=-healthcare_expenses
7009 mean_MCV__Entitic_volume__by_Automated_count>=healthcare_expenses^longitude
7010 mean_MCV__Entitic_volume__by_Automated_count>=minimum(latitude,10^healthcare_expenses)
7011 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=healthcare_expenses
7012 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count<=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
7013 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=latitude
7014 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count
7015 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count>=-healthcare_expenses
7016 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_count

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nt>=healthcare_expenses^longitude
7017 mean_Platelet_distribution_width__Entitic_volume__in_Blood_by_Automated_cou
nt>=minimum(latitude,10^healthcare_expenses)
7018 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=hea
lthcare_expenses
7019 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count<=Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
7020 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=lon
gitude
7021 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Pla
telet_mean_volume__Entitic_volume__in_Blood_by_Automated_count
7022 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=-he
althcare_expenses
7023 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=hea
lthcare_expenses^longitude
7024
mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=Calcium
7025 mean_Platelet_mean_volume__Entitic_volume__in_Blood_by_Automated_count>=(10
^healthcare_expenses)^longitude
7026 mean_Platelets___volume__in_Blood_by_Automated_count<=healthcare_expenses
7027 mean_Platelets___volume__in_Blood_by_Automated_count<=Platelets___volume_
_in_Blood_by_Automated_count
7028 mean_Platelets___volume__in_Blood_by_Automated_count>=latitude
7029 mean_Platelets___volume__in_Blood_by_Automated_count>=Platelets___volume_
_in_Blood_by_Automated_count
7030 mean_Platelets___volume__in_Blood_by_Automated_count>=-healthcare_expenses
7031 mean_Platelets___volume__in_Blood_by_Automated_count>=healthcare_expenses^
longitude
7032 mean_Platelets___volume__in_Blood_by_Automated_count>=minimum(latitude,10^
healthcare_expenses)
7033
mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma<=healthcare_expenses
7034 mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma<=Prostate_specific_
Ag__Mass_volume__in_Serum,Plasma
7035 mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=longitude
7036 mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=Prostate_specific_
Ag__Mass_volume__in_Serum,Plasma
7037
mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
7038 mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=healthcare_expense
s^longitude
7039 mean_Prostate_specific_Ag__Mass_volume__in_Serum,Plasma>=(10^healthcare_exp
enses)^longitude
7040 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
healthcare_expenses
7041 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
maximum(active_care_plan_length,Alanine_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma)

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7042 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
maximum(procedures_lifetime,Alanine_aminotransferase__Enzymatic_activity_volume_
_in_Serum,Plasma)
7043 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+healthcare_
coverage
7044 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(Asparta
te_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)
7045 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
maximum(encounters_count,Alanine_aminotransferase__Enzymatic_activity_volume__in
_Serum,Plasma)
7046 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
floor(QALY)+immunizations_lifetime_cost
7047 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
-High_Density_Lipoprotein_Cholesterol+Systolic_Blood_Pressure+1
7048 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/num_allergi
es
7049 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma<=
maximum(age,Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
)
7050 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
longitude
7051 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
7052 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
e^lifetime_care_plans/mean_High_Density_Lipoprotein_Cholesterol
7053 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
-healthcare_expenses
7054 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
healthcare_expenses^longitude
7055 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
device_lifetime_length/(medications_lifetime_perc_covered+1)
7056 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
minimum(procedures_lifetime,1/2*High_Density_Lipoprotein_Cholesterol)
7057 mean_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma>=
(10^healthcare_expenses)^longitude
7058 mean_Albumin__Mass_volume__in_Serum,Plasma<=healthcare_expenses
7059 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(active_care_plans,Album
in__Mass_volume__in_Serum,Plasma)
7060 mean_Albumin__Mass_volume__in_Serum,Plasma<=log(Globulin__Mass_volume__in_S
erum_by_calculation)/log(10)+Albumin__Mass_volume__in_Serum,Plasma
7061 mean_Albumin__Mass_volume__in_Serum,Plasma<=floor(Glomerular_filtration_rat
e_1_73_sq_M_predicted)
7062 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(Albumin__Mass_volume__i
n_Serum,Plasma,mean_Creatinine)
7063 mean_Albumin__Mass_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,

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Plasma+procedures_lifetime
7064 mean_Albumin__Mass_volume__in_Serum,Plasma<=maximum(procedures_lifetime,Alb
umin__Mass_volume__in_Serum,Plasma)
7065 mean_Albumin__Mass_volume__in_Serum,Plasma<=ceil(Chloride)/Creatinine
7066 mean_Albumin__Mass_volume__in_Serum,Plasma<=1/2*QALY/Pain_severity__0_10_v
erbal_numeric_rating__Score____Reported
7067 mean_Albumin__Mass_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,
Plasma+healthcare_coverage
7068 mean_Albumin__Mass_volume__in_Serum,Plasma<=Albumin__Mass_volume__in_Serum,
Plasma/num_allergies
7069 mean_Albumin__Mass_volume__in_Serum,Plasma>=longitude
7070 mean_Albumin__Mass_volume__in_Serum,Plasma>=minimum(medications_active,Albu
min__Mass_volume__in_Serum,Plasma)
7071 mean_Albumin__Mass_volume__in_Serum,Plasma>=Albumin__Mass_volume__in_Serum,
Plasma-medications_lifetime_perc_covered
7072 mean_Albumin__Mass_volume__in_Serum,Plasma>=imaging_studies_lifetime+1
7073 mean_Albumin__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
7074 mean_Albumin__Mass_volume__in_Serum,Plasma>=minimum(Albumin__Mass_volume__i
n_Serum,Plasma,Prostate_specific_Ag__Mass_volume__in_Serum,Plasma)
7075 mean_Albumin__Mass_volume__in_Serum,Plasma>=Albumin__Mass_volume__in_Serum,
Plasma-procedures_lifetime
7076 mean_Albumin__Mass_volume__in_Serum,Plasma>=-log(Hemoglobin_A1c_Hemoglobin_
total_in_Blood)/log(10)+Albumin__Mass_volume__in_Serum,Plasma
7077 mean_Albumin__Mass_volume__in_Serum,Plasma>=2*Globulin__Mass_volume__in_Ser
um_by_calculation-mean_Globulin__Mass_volume__in_Serum_by_calculation
7078 mean_Albumin__Mass_volume__in_Serum,Plasma>=immunizations_lifetime+1
7079 mean_Albumin__Mass_volume__in_Serum,Plasma>=Albumin__Mass_volume__in_Serum,
Plasma-immunizations_lifetime
7080 mean_Albumin__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
7081 mean_Albumin__Mass_volume__in_Serum,Plasma>=Albumin__Mass_volume__in_Serum,
Plasma^QOLS
7082 mean_Albumin__Mass_volume__in_Serum,Plasma>=sqrt(procedures_lifetime)-activ
e_care_plans
7083
mean_Albumin__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses)^longitude
7084 mean_Albumin__Mass_volume__in_Serum,Plasma>=Albumin__Mass_volume__in_Serum,
Plasma-healthcare_coverage
7085 mean_Albumin__Mass_volume__in_Serum,Plasma>=Globulin__Mass_volume__in_Serum
_by_calculation+num_allergies
7086 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=heal
thcare_expenses
7087 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Glom
erular_filtration_rate_1_73_sq_M_predicted^(1/medications_lifetime_perc_covered)
7088 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maxi
mum(encounters_count,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,P
lasma)
7089 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maxi
mum(lifetime_condition_length,Alkaline_phosphatase__Enzymatic_activity_volume__i

```

```

n_Serum,Plasma)
7090 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(lifetime_care_plan_length,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
7091 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=maximum(procedures_lifetime,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
7092 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^log(Albumin__Mass_volume__in_Serum,Plasma)
7093 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=10^Albumin__Mass_volume__in_Serum,Plasma/device_lifetime_length
7094 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Systolic_Blood_Pressure+Urea_Nitrogen
7095 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma/num_allergies
7096 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma<=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma+healthcare_coverage
7097
mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=longitude
7098 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(latitude,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
7099 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-procedures_lifetime
7100 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=active_care_plan_length+log(device_lifetime_length)
7101 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-healthcare_coverage
7102 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^num_allergies
7103 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=healthcare_expenses^longitude
7104 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=-healthcare_expenses
7105 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma^QOLS
7106 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(procedures_lifetime,mean_Protein__Mass_volume__in_Serum,Plasma)
7107 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma-immunizations_lifetime_cost
7108 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(QALY,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
7109 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(Glomerular_filtration_rate_1_73_sq_M_predicted,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)
7110 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=minimum(Heart_rate,Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma)

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7111 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=mini
mum(Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma,Prostate_sp
ecific_Ag__Mass_volume__in_Serum,Plasma)
7112 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=proc
edures_lifetime/log(mean_Albumin__Mass_volume__in_Serum,Plasma)
7113 mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Plasma>=(10^
healthcare_expenses)^longitude
7114 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=healthcare_expenses
7115 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(encounters_count,Aspartate_aminotransferase__Enzymatic_activity_volume
__in_Serum,Plasma)
7116 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+procedu
res_lifetime
7117 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(procedures_lifetime,Aspartate_aminotransferase__Enzymatic_activity_vol
ume__in_Serum,Plasma)
7118 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(active_care_plan_length,Aspartate_aminotransferase__Enzymatic_activity
_volume__in_Serum,Plasma)
7119 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(DALY,Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,P
lasma)
7120 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(Aspar
tate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma)/log(10)
7121 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=maximum(Glomerular_filtration_rate_1_73_sq_M_predicted,Alkaline_phosphatase__E
nzymatic_activity_volume__in_Serum,Plasma-1)
7122 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=-mean_Creatinine^2+Diastolic_Blood_Pressure
7123 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+immuniz
ations_lifetime_cost
7124 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma+healthc
are_coverage
7125 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
<=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma/num_all
ergies
7126 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=longitude
7127 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
device_lifetime_length
7128 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=(10^healthcare_expenses)^longitude

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```

7129 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Albumin__Mass_volume__in_Serum,Plasma+Potassium
7130 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma*log(10)
/log(Carbon_Dioxide)
7131 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=minimum(active_conditions,Aspartate_aminotransferase__Enzymatic_activity_volum
e__in_Serum,Plasma)
7132 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=2*Creatinine/Hemoglobin_A1c_Hemoglobin_total_in_Blood
7133 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=-healthcare_expenses
7134 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=healthcare_expenses^longitude
7135 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=-Glucose+procedures_lifetime
7136 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma-
healthcare_coverage
7137 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=-Potassium+lifetime_conditions
7138 mean_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma
>=Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma^num_all
ergies
7139 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=healthcare_expenses
7140 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
olume__in_Serum,Plasma+device_lifetime_length
7141 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=(1/num_allergies)
7142 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=(encounters_lifetime_pe
rc_covered+1)*Bilirubin_total__Mass_volume__in_Serum,Plasma
7143 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=ceil(Bilirubin_total__M
ass_volume__in_Serum,Plasma)
7144 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
olume__in_Serum,Plasma/num_allergies
7145 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=floor(active_care_plan_
length)/procedures_lifetime
7146 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=minimum(healthcare_expe
nses,1/2*Glucose__Mass_volume__in_Urine_by_Test_strip)
7147 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma<=Bilirubin_total__Mass_v
olume__in_Serum,Plasma+healthcare_coverage
7148 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=longitude
7149 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
7150 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(encounters_lif
etime_perc_covered,Bilirubin_total__Mass_volume__in_Serum,Plasma)
7151 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=healthcare_expenses^lon
gitude
7152 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,1/Creatinine)

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7153 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=-imaging_studies_lifeti
me+num_allergies
7154 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(num_allergies,B
ilirubin_total__Mass_volume__in_Serum,Plasma)
7155 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=Bilirubin_total__Mass_v
olume__in_Serum,Plasma-medications_lifetime_perc_covered
7156 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=sqrt(procedures_lifetim
e)/mean_Carbon_Dioxide
7157 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,log(mean_Potassium)/log(10))
7158 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=Bilirubin_total__Mass_v
olume__in_Serum,Plasma-procedures_lifetime
7159 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(QOLS,Bilirubin_
total__Mass_volume__in_Serum,Plasma)
7160 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(device_lifetime
_length,1/2*Glucose__Mass_volume__in_Urine_by_Test_strip)
7161 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=Bilirubin_total__Mass_v
olume__in_Serum,Plasma-healthcare_coverage
7162 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=Bilirubin_total__Mass_v
olume__in_Serum,Plasma-
Pain_severity___0_10_verbal_numeric_rating__Score___Reported
7163 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=(10^healthcare_expenses
)^longitude
7164 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,-pH_of_Urine_by_Test_strip)
7165 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=-Creatinine+2*QOLS
7166 mean_Bilirubin_total__Mass_volume__in_Serum,Plasma>=minimum(Bilirubin_total
__Mass_volume__in_Serum,Plasma,1/procedures_lifetime)
7167 mean_Globulin__Mass_volume__in_Serum_by_calculation<=healthcare_expenses
7168 mean_Globulin__Mass_volume__in_Serum_by_calculation<=Globulin__Mass_volume_
_in_Serum_by_calculation/num_allergies
7169 mean_Globulin__Mass_volume__in_Serum_by_calculation<=maximum(procedures_lif
etime,Globulin__Mass_volume__in_Serum_by_calculation)
7170 mean_Globulin__Mass_volume__in_Serum_by_calculation<=maximum(Creatinine,Glo
bulin__Mass_volume__in_Serum_by_calculation)
7171 mean_Globulin__Mass_volume__in_Serum_by_calculation<=Globulin__Mass_volume_
_in_Serum_by_calculation+healthcare_coverage
7172 mean_Globulin__Mass_volume__in_Serum_by_calculation<=maximum(active_care_pl
ans,Globulin__Mass_volume__in_Serum_by_calculation)
7173 mean_Globulin__Mass_volume__in_Serum_by_calculation<=maximum(medications_ac
tive,Globulin__Mass_volume__in_Serum_by_calculation)
7174 mean_Globulin__Mass_volume__in_Serum_by_calculation<=Globulin__Mass_volume_
_in_Serum_by_calculation+immunizations_lifetime
7175 mean_Globulin__Mass_volume__in_Serum_by_calculation<=(active_care_plan_leng
th-1)/Creatinine
7176 mean_Globulin__Mass_volume__in_Serum_by_calculation<=Creatinine+DALY
7177 mean_Globulin__Mass_volume__in_Serum_by_calculation<=minimum(healthcare_exp
enses,2*mean_Glucose__Mass_volume__in_Urine_by_Test_strip)

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7178 mean_Globulin__Mass_volume__in_Serum_by_calculation<=1/2*QALY/mean_Creatinine
 7179 mean_Globulin__Mass_volume__in_Serum_by_calculation>=longitude
 7180 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Creatinine-
 procedures_lifetime
 7181 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Globulin__Mass_volume_
 _in_Serum_by_calculation-device_lifetime_length
 7182 mean_Globulin__Mass_volume__in_Serum_by_calculation>=2*Globulin__Mass_volum
 e__in_Serum_by_calculation-mean_Albumin__Mass_volume__in_Serum,Plasma
 7183 mean_Globulin__Mass_volume__in_Serum_by_calculation>=(10^healthcare_expense
 s)^longitude
 7184 mean_Globulin__Mass_volume__in_Serum_by_calculation>=2*procedures_lifetime/
 Diastolic_Blood_Pressure
 7185 mean_Globulin__Mass_volume__in_Serum_by_calculation>=-healthcare_expenses
 7186 mean_Globulin__Mass_volume__in_Serum_by_calculation>=healthcare_expenses^lo
 ngitude
 7187
 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Creatinine^num_allergies
 7188 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Globulin__Mass_volume_
 _in_Serum_by_calculation-healthcare_coverage
 7189 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Creatinine/Aspartate_a
 minotransferase__Enzymatic_activity_volume__in_Serum,Plasma
 7190 mean_Globulin__Mass_volume__in_Serum_by_calculation>=Globulin__Mass_volume_
 _in_Serum_by_calculation^num_allergies
 7191 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=healthcare_expenses
 7192 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(latitude,Globe
 rular_filtration_rate_1_73_sq_M_predicted)
 7193 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=Glomerular_filtration_
 rate_1_73_sq_M_predicted/num_allergies
 7194 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=maximum(Glomerular_fil
 tration_rate_1_73_sq_M_predicted,1/2*QALY)
 7195 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=10^device_lifetime_len
 gth*Glomerular_filtration_rate_1_73_sq_M_predicted
 7196 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=sqrt(mean_Protein__Mas
 s_volume__in_Serum,Plasma)+Glomerular_filtration_rate_1_73_sq_M_predicted
 7197 mean_Glomerular_filtration_rate_1_73_sq_M_predicted<=Glomerular_filtration_
 rate_1_73_sq_M_predicted+healthcare_coverage
 7198 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=longitude
 7199 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Creatinine*log(10)/log
 (mean_Carbon_Dioxide)
 7200 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=-Bilirubin_total__Mass
 _volume__in_Serum,Plasma+active_care_plans
 7201 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=healthcare_expenses^lo
 ngitude
 7202 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=mean_Aspartate_aminotr
 ansferase__Enzymatic_activity_volume__in_Serum,Plasma^2/mean_Carbon_Dioxide
 7203 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=-healthcare_expenses
 7204

```

mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=2*QOLS*active_conditions
7205 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted-healthcare_coverage
7206 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted^num_allergies
7207 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted-immunizations_lifetime
7208 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted-procedures_lifetime
7209 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted^QOLS
7210 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=Glomerular_filtration_
rate_1_73_sq_M_predicted-
Pain_severity___0_10_verbal_numeric_rating__Score___Reported
7211 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=minimum(Glomerular_fil-
tration_rate_1_73_sq_M_predicted,pH_of_Urine_by_Test_strip)
7212 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=minimum(Glomerular_fil-
tration_rate_1_73_sq_M_predicted,Prostate_specific_Ag__Mass_volume__in_Serum,Pla-
sma)
7213 mean_Glomerular_filtration_rate_1_73_sq_M_predicted>=(10^healthcare_expense
s)^longitude
7214 mean_Protein__Mass_volume__in_Serum,Plasma<=healthcare_expenses
7215 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(procedures_lifetime,Pro-
tein__Mass_volume__in_Serum,Plasma)
7216 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(Protein__Mass_volume__i-
n_Serum,Plasma,mean_Alkaline_phosphatase__Enzymatic_activity_volume__in_Serum,Pl-
asma)
7217 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(age,Protein__Mass_volum-
e__in_Serum,Plasma)
7218 mean_Protein__Mass_volume__in_Serum,Plasma<=mean_Glomerular_filtration_rate_
1_73_sq_M_predicted+mean_High_Density_Lipoprotein_Cholesterol+1
7219 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(encounters_count,Protei-
n__Mass_volume__in_Serum,Plasma)
7220 mean_Protein__Mass_volume__in_Serum,Plasma<=Protein__Mass_volume__in_Serum,
Plasma+healthcare_coverage
7221 mean_Protein__Mass_volume__in_Serum,Plasma<=Protein__Mass_volume__in_Serum,
Plasma/num_allergies
7222 mean_Protein__Mass_volume__in_Serum,Plasma<=maximum(lifetime_care_plan_leng-
th,Protein__Mass_volume__in_Serum,Plasma)
7223 mean_Protein__Mass_volume__in_Serum,Plasma<=Creatinine*Sodium
7224 mean_Protein__Mass_volume__in_Serum,Plasma<=Alkaline_phosphatase__Enzymatic_
activity_volume__in_Serum,Plasma*log(Glomerular_filtration_rate_1_73_sq_M_predi-
cted)
7225 mean_Protein__Mass_volume__in_Serum,Plasma>=latitude
7226 mean_Protein__Mass_volume__in_Serum,Plasma>=device_lifetime_length*log(acti-
ve_conditions)/log(10)
7227 mean_Protein__Mass_volume__in_Serum,Plasma>=Protein__Mass_volume__in_Serum,
Plasma

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```

7228 mean_Protein__Mass_volume__in_Serum,Plasma>=-healthcare_expenses
7229 mean_Protein__Mass_volume__in_Serum,Plasma>=healthcare_expenses^longitude
7230 mean_Protein__Mass_volume__in_Serum,Plasma>=e^Pain_severity__0_10_verbal_n
numeric_rating__Score___Reported-mean_Diastolic_Blood_Pressure
7231 mean_Protein__Mass_volume__in_Serum,Plasma>=(Sodium+1)/Globulin__Mass_volum
e__in_Serum_by_calculation
7232 mean_Protein__Mass_volume__in_Serum,Plasma>=minimum(latitude,10^healthcare_
expenses)
Number of not ICU, ICU properties
7232 4945

```

```

./conjecturing.py:153: RuntimeWarning: overflow encountered in double_scalars
    stack.append(op(left, right))
./conjecturing.py:255: RuntimeWarning: overflow encountered in double_scalars
    return (lambda x: 10**x), 1
./conjecturing.py:153: RuntimeWarning: invalid value encountered in
double_scalars
    stack.append(op(left, right))
./conjecturing.py:108: RuntimeWarning: overflow encountered in exp
    stack.append(op(stack.pop()))

```

```

(icu_status)->(healthcare_expenses_geq_2_times_medications_lifetime_perc_covered
_times_procedures_lifetime_cost)
(icu_status)->(healthcare_coverage_leq_open_bracket__minus_longitude_close_brack
et_to_the_power_encounters_count)
(icu_status)->(healthcare_expenses_geq_medications_active_squared_times_medicati
ons_lifetime_length)
(icu_status)->(medications_active_geq_flooropen_bracket_Globulin__Mass_volume__i
n_Serum_by_calculation_close_bracket)
(icu_status)->(Low_Density_Lipoprotein_Cholesterol_leq_flooropen_bracket_mean_As
partate_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma_squared_
close_bracket)
(icu_status)->(healthcare_coverage_leq_e_to_the_power_sqrtopen_bracket_encounter
s_lifetime_payer_coverage_close_bracket)
(icu_status)->(healthcare_expenses_geq_device_lifetime_length_times_latitude_squ
ared)
(icu_status)->((Anemia__disorder_->(latitude_geq_QALY_times_medications_lifetim
e_perc_covered_squared))
(icu_status)->(lifetime_care_plans_geq_ceilopen_bracket_medications_lifetime_per
c_covered_close_bracket)
(icu_status)->((Hypertension)->(longitude_leq_minus_QALY_plus_immunizations_lif
etime_cost_minus_1))
(icu_status)->(device_lifetime_length_leq_maximumopen_bracket_Heart_rate_or_inve
rse_of_procedures_lifetime_cost_close_bracket)
(icu_status)->(healthcare_coverage_geq_inverse_of_2_times_active_condition_lengt
h_times_immunizations_lifetime_cost)
(icu_status)->((Anemia__disorder_->(procedures_lifetime_cost_leq_open_bracket_e
_to_the_power_procedures_lifetime_close_bracket_to_the_power_mean_Urea_Nitrogen)
)

```

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(icu_status)->(latitude_leq_10_to_the_power_lifetime_condition_length_divided_by
_lifetime_care_plan_length)
(icu_status)->(medications_active_leq_maximumopen_bracket_Respiratory_rate_or_ac
tive_conditions_minus_1_close_bracket)
(icu_status)->(longitude_leq_minus_age_plus_lifetime_care_plan_length)
(icu_status)->((Major_depression_disorder)->(active_care_plan_length_geq_minimum
open_bracket_Alanine_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Pl
asma_or_e_to_the_power_procedures_lifetime_close_bracket))
(icu_status)->(lifetime_condition_length_geq_active_condition_length_times_logop
en_bracket_encounters_count_close_bracket_divided_by_logopen_bracket_10_close_br
acket)
(icu_status)->(age_leq_flooropen_bracket_High_Density_Lipoprotein_Cholesterol_cl
ose_bracket_plus_medications_lifetime_dispenses)
(icu_status)->(active_care_plans_geq_ceilopen_bracket_logopen_bracket_Glomerular
_filtration_rate_1_73_sq_M_predicted_close_bracket_divided_by_logopen_bracket_10
_close_bracket_close_bracket)
(icu_status)->(encounters_count_leq_flooropen_bracket_Body_Mass_Index_close_brac
ket_times_lifetime_conditions)
(icu_status)->(mean_Sodium_geq_minimumopen_bracket_mean_Low_Density_Lipoprotein_
Cholesterol_or_flooropen_bracket_Sodium_close_bracket_close_bracket)
(icu_status)->(active_conditions_geq_flooropen_bracket_sqrtopen_bracket_DALY_clo
se_bracket_close_bracket)
(icu_status)->(Estimated_Glomerular_Filtration_Rate_leq_active_care_plans_plus_f
looropen_bracket_mean_Estimated_Glomerular_Filtration_Rate_close_bracket)
(icu_status)->(active_care_plans_geq_minus_QALY_plus_ceilopen_bracket_MCHC__Mas
s_volume__by_Automated_count_close_bracket)
(icu_status)->(lifetime_care_plans_leq_minus_active_condition_length_plus_age_m
inus_1)
(icu_status)->((Miscarriage_in_first_trim)->(num_allergies_leq_medications_activ
e_divided_by_procedures_lifetime))
(icu_status)->((Osteoarthritis_of_knee)->(healthcare_expenses_leq_Body_Height_sq
uared_times_Heart_rate))
(icu_status)->(medications_lifetime_leq_encounters_count_times_flooropen_bracket
_Potassium_close_bracket)
(icu_status)->(active_care_plan_length_leq_active_condition_length_plus_medicati
ons_lifetime_cost)
(icu_status)->(active_conditions_geq_lifetime_conditions_minus_procedures_lifeti
me_minus_1)
(icu_status)->(mean_Systolic_Blood_Pressure_leq_maximumopen_bracket_Triglyceride
s_or_flooropen_bracket_Systolic_Blood_Pressure_close_bracket_close_bracket)
(icu_status)->(lifetime_conditions_leq_maximumopen_bracket_active_conditions_or_
encounters_count_minus_1_close_bracket)
(icu_status)->((Hypertension)->(active_care_plans_leq_10_to_the_power_medication
s_active_plus_DALY))
(icu_status)->(mean_Chloride_leq_flooropen_bracket_Protein__Mass_volume__in_Seru
m_or_Plasma_close_bracket_plus_latitude)
(icu_status)->(mean_Systolic_Blood_Pressure_geq_Urea_Nitrogen_times_flooropen_br
acket_Hemoglobin_A1c_Hemoglobin_total_in_Blood_close_bracket)

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(icu_status)->((Major_depression_disorder)->(medications_lifetime_length_geq_open_bracket_medications_active_minus_1_close_bracket_to_the_power_Hemoglobin_A1c_Hemoglobin_total_in_Blood))
(icu_status)->((Prediabetes)->(mean_Pain_severity___0_10_verbal_numeric_rating__Score___Reported_leq_e_to_the_power_open_bracket_10_to_the_power_lifetime_care_plans_close_bracket))
(icu_status)->((Influenza__seasonal__inje)->(healthcare_expenses_leq_Body_Height_squared_times_age))
(~(latitude_geq_flooropen_bracket_Body_Weight_close_bracket_to_the_power_medications_lifetime_perc_covered))->(icu_status)
(~(latitude_geq_lifetime_care_plan_length_minus_lifetime_condition_length_plus_1))->(icu_status)
(Microalbuminuria_due_to_t)->(icu_status)
(Myocardial_Infarction)->(icu_status)
(Non_small_cell_lung_cance)->(icu_status)
(Familial_Alzheimers_dise)->(icu_status)
(Brain_damage__traumatic)->(icu_status)
(Hep_B__adult)->(icu_status)
(~(active_condition_length_leq_open_bracket_logopen_bracket_QALY_close_bracket_divided_by_logopen_bracket_10_close_bracket_close_bracket_to_the_power_lifetime_condition_length))->(icu_status)
(Hemoglobin__Presence__in_Urine_by_Test_stripUrine_blood_test__equal__negative__finding_)->(icu_status)
((Chronic_pain)&(Body_mass_index_30___obe))->(icu_status)
(~(active_care_plans_geq_minus_encounters_count_plus_flooropen_bracket_Aspartate_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma_close_bracket))->(icu_status)
(~(lifetime_care_plan_length_leq_maximumopen_bracket_age_or_inverse_of_2_times_medications_lifetime_dispenses_close_bracket))->(icu_status)
(~(encounters_count_leq_flooropen_bracket_Potassium_close_bracket_to_the_power_mean_Potassium))->(icu_status)
(~(medications_lifetime_cost_geq_immunizations_lifetime_times_medications_lifetime_squared))->(icu_status)
(Transthoracic_three_dimen)->(icu_status)
(~(healthcare_coverage_geq_minus_immunizations_lifetime_cost_plus_lifetime_care_plan_length_plus_1))->(icu_status)
(Seizure_Count_Cerebral_Co)->(icu_status)
(healthcare_expenses_leq_Carbon_Dioxide_times_Platelets___volume__in_Blood_by_Automated_count_squared)->(icu_status)
(lifetime_condition_length_leq_minimumopen_bracket_healthcare_expenses_or_FEV1_FVC_squared_close_bracket)->(icu_status)
(medications_active_leq_open_bracket_procedures_lifetime_cost_minus_1_close_bracket_to_the_power_Sodium)->(icu_status)
((Osteoarthritis_of_knee)&(Miscarriage_in_first_trim))->(icu_status)
(~(healthcare_expenses_geq_open_bracket_medications_lifetime_length_squared_close_bracket_to_the_power_encounters_lifetime_perc_covered))->(icu_status)
(~(lifetime_care_plans_leq_open_bracket_inverse_of_encounters_lifetime_perc_covered_close_bracket_to_the_power_lifetime_conditions))->(icu_status)

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(~(healthcare_coverage_leq_10_to_the_power_DALY_divided_by_device_lifetime_length))->(icu_status)
(~(latitude_leq_minus_Carbon_Dioxide_plus_flooropen_bracket_Glucose_close_bracket))->(icu_status)
(~(latitude_geq_minus_active_condition_length_plus_age_plus_1))->(icu_status)
(~(longitude_leq_DALY_minus_QALY))->(icu_status)
(~(medications_lifetime_geq_inverse_of_2_times_medications_active_times_procedures_lifetime))->(icu_status)
(~(age_geq_4_times_lifetime_conditions))->(icu_status)
(~(num_allergies_leq_10_to_the_power_active_care_plans_divided_by_lifetime_condition_length))->(icu_status)
(~(active_care_plans_geq_minimumopen_bracket_lifetime_care_plans_or_medications_active_minus_1_close_bracket))->(icu_status)
((Opioid_abuse_disorder)&(Alcoholism))->(icu_status)
(~(active_care_plan_length_geq_flooropen_bracket_lifetime_care_plan_length_close_bracket_minus_medications_lifetime_cost))->(icu_status)
(~(lifetime_conditions_leq_flooropen_bracket_Hemoglobin_A1c_Hemoglobin_total_in_Blood_close_bracket_plus_medications_lifetime))->(icu_status)
(~(lifetime_conditions_geq_flooropen_bracket_Potassium_close_bracket_plus_immunizations_lifetime))->(icu_status)
(~(Respiratory_rate_geq_ceilopen_bracket_sqrtopen_bracket_Systolic_Blood_Pressure_close_bracket_close_bracket))->(icu_status)
(~(Calcium_leq_ceilopen_bracket_mean_Urea_Nitrogen_plus_1_close_bracket))->(icu_status)
((Smokes_tobacco_daily)&(Alcoholism))->(icu_status)
((Measurement_of_respirator)&(Hyperlipidemia))->(icu_status)
((healthcare_coverage_geq_sqrtopen_bracket_Platelets_volume_in_Blood_by_Automated_count_close_bracket_to_the_power_lifetime_care_plans)&(Appendicitis))->(icu_status)
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39
healthcare_expenses_geq_2_times_medications_lifetime_perc_covered_times_procedures_lifetime_cost
(icu_status)->(healthcare_expenses>=2*medications_lifetime_perc_covered*procedures_lifetime_cost)
0.8543307086614174
healthcare_coverage_leq_open_bracket_minus_longitude_close_bracket_to_the_power_encounters_count
(icu_status)->(healthcare_coverage<=(-longitude)^encounters_count)
0.9837141468157511
healthcare_expenses_geq_medications_active_squared_times_medications_lifetime_length
(icu_status)->(healthcare_expenses>=medications_active^2*medications_lifetime_length)
0.863255033557047
medications_active_geq_flooropen_bracket_Globulin_Mass_volume_in_Serum_by_calculation_close_bracket
(icu_status)->(medications_active>=floor(Globulin_Mass_volume_in_Serum_by_calculation_close_bracket))

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ulation))
0.903197547087166
Low_Density_Lipoprotein_Cholesterol_leq_flooropen_bracket_mean_Aspartate_aminotr
ansferase__Enzymatic_activity_volume__in_Serum_or_Plasma_squared_close_bracket
(icu_status)->(Low_Density_Lipoprotein_Cholesterol<=floor(mean_Aspartate_aminotr
ansferase__Enzymatic_activity_volume__in_Serum,Plasma^2))
0.8644825018615041
healthcare_coverage_leq_e_to_the_power_sqrtopen_bracket_encounters_lifetime_paye
r_coverage_close_bracket
(icu_status)->(healthcare_coverage<=e^sqrt(encounters_lifetime_payer_coverage))
0.9827062397756485
healthcare_expenses_geq_device_lifetime_length_times_latitude_squared
(icu_status)->(healthcare_expenses>=device_lifetime_length*latitude^2)
0.9318181818181818
Anemia__disorder_->latitude_geq_QALY_times_medications_lifetime_perc_covered_squ
ared
(icu_status)->((Anemia__disorder_->(latitude>=QALY*medications_lifetime_perc_co
vered^2))
0.8621794871794872
lifetime_care_plans_geq_ceilopen_bracket_medications_lifetime_perc_covered_close
_bracket
(icu_status)->(lifetime_care_plans>=ceil(medications_lifetime_perc_covered))
0.9584775086505191
Hypertension->longitude_leq_minus_QALY_plus_immunizations_lifetime_cost_minus_1
(icu_status)->((Hypertension)->(longitude<=-QALY+immunizations_lifetime_cost-1))
0.8610747051114024
device_lifetime_length_leq_maximumopen_bracket_Heart_rate_or_inverse_of_procedur
es_lifetime_cost_close_bracket
(icu_status)->(device_lifetime_length<=maximum(Heart_rate,1/procedures_lifetime_
cost))
0.9101123595505618
healthcare_coverage_geq_inverse_of_2_times_active_condition_length_times_immuniz
ations_lifetime_cost
(icu_status)->(healthcare_coverage>=1/2*active_condition_length*immunizations_li
fetime_cost)
0.9402356902356902
Anemia__disorder_->procedures_lifetime_cost_leq_open_bracket_e_to_the_power_proc
edures_lifetime_close_bracket_to_the_power_mean_Urea_Nitrogen
(icu_status)->((Anemia__disorder_->(procedures_lifetime_cost<=(e^procedures_lif
etime)^mean_Urea_Nitrogen))
0.9371549893842888
latitude_leq_10_to_the_power_lifetime_condition_length_divided_by_lifetime_care_
plan_length
(icu_status)->(latitude<=10^lifetime_condition_length/lifetime_care_plan_length)
0.9800299550673989
medications_active_leq_maximumopen_bracket_Respiratory_rate_or_active_conditions
_minus_1_close_bracket
(icu_status)->(medications_active<=maximum(Respiratory_rate,active_conditions-1)

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)
0.9814666879693241
longitude_leq_minus_age_plus_lifetime_care_plan_length
(icu_status)->(longitude<=-age+lifetime_care_plan_length)
0.9101123595505618
Major_depression_disorder->active_care_plan_length_geq_minimumopen_bracket_Alani
ne_aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma_or_e_to_the_p
ower_procedures_lifetime_close_bracket
(icu_status)->((Major_depression_disorder)->(active_care_plan_length>=minimum(Al
anine_aminotransferase__Enzymatic_activity_volume__in_Serum,Plasma,e^procedures_
lifetime)))
0.9457682826622843
lifetime_condition_length_geq_active_condition_length_times_logopen_bracket_enco
unters_count_close_bracket_divided_by_logopen_bracket_10_close_bracket
(icu_status)->(lifetime_condition_length>=active_condition_length*log(encounters
_count)/log(10))
0.9615470601386095
age_leq_flooropen_bracket_High_Density_Lipoprotein_Cholesterol_close_bracket_plu
s_medications_lifetime_dispenses
(icu_status)->(age<=floor(High_Density_Lipoprotein_Cholesterol)+medications_lif
e_time_dispenses)
0.902834008097166
active_care_plans_geq_ceilopen_bracket_logopen_bracket_Glomerular_filtration_rat
e_1_73_sq_M_predicted_close_bracket_divided_by_logopen_bracket_10_close_bracket_
close_bracket
(icu_status)->(active_care_plans>=ceil(log(Glomerular_filtration_rate_1_73_sq_M_
predicted)/log(10)))
0.9515011547344111
encounters_count_leq_flooropen_bracket_Body_Mass_Index_close_bracket_times_lifet
ime_conditions
(icu_status)->(encounters_count<=floor(Body_Mass_Index)*lifetime_conditions)
0.8896839594514013
mean_Sodium_geq_minimumopen_bracket_mean_Low_Density_Lipoprotein_Cholesterol_or_
flooropen_bracket_Sodium_close_bracket_close_bracket
(icu_status)->(mean_Sodium>=minimum(mean_Low_Density_Lipoprotein_Cholesterol,flo
or(Sodium)))
0.8858988159311088
active_conditions_geq_flooropen_bracket_sqrtopen_bracket_DALY_close_bracket_clos
e_bracket
(icu_status)->(active_conditions>=floor(sqrt(DALY)))
0.9705304518664047
Estimated_Glomerular_Filtration_Rate_leq_active_care_plans_plus_flooropen_bracke
t_mean_Estimated_Glomerular_Filtration_Rate_close_bracket
(icu_status)->(Estimated_Glomerular_Filtration_Rate<=active_care_plans+floor(mea
n_Estimated_Glomerular_Filtration_Rate))
0.8837039737513671
active_care_plans_geq_minus_QALY_plus_ceilopen_bracket_MCHC__Mass_volume__by_Au
tomated_count_close_bracket

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(icu_status)->(active_care_plans>=-QALY+ceil(MCHC__Mass_volume__by_Automated_cou
nt))
0.9678023212280045
lifetime_care_plans_leq_minus_active_condition_length_plus_age_minus_1
(icu_status)->(lifetime_care_plans<=-active_condition_length+age-1)
0.9310200668896321
Miscarriage_in_first_trim->num_allergies_leq_medications_active_divided_by_proce
dures_lifetime
(icu_status)->((Miscarriage_in_first_trim)->(num_allergies<=medications_active/p
rocedures_lifetime))
0.9583657587548639
Osteoarthritis_of_knee->healthcare_expenses_leq_Body_Height_squared_times_Heart_
rate
(icu_status)->((Osteoarthritis_of_knee)->(healthcare_expenses<=Body_Height^2*Hea
rt_rate))
0.9339513325608343
medications_lifetime_leq_encounters_count_times_flooropen_bracket_Potassium_clos
e_bracket
(icu_status)->(medications_lifetime<=encounters_count*floor(Potassium))
0.8517241379310345
active_care_plan_length_leq_active_condition_length_plus_medications_lifetime_co
st
(icu_status)->(active_care_plan_length<=active_condition_length+medications_lif
etime_cost)
0.9665551839464883
active_conditions_geq_lifetime_conditions_minus_procedures_lifetime_minus_1
(icu_status)->(active_conditions>=lifetime_conditions-procedures_lifetime-1)
0.9524940617577197
mean_Systolic_Blood_Pressure_leq_maximumopen_bracket_Triglycerides_or_flooropen_
bracket_Systolic_Blood_Pressure_close_bracket_close_bracket
(icu_status)->(mean_Systolic_Blood_Pressure<=maximum(Triglycerides,floor(Systoli
c_Blood_Pressure)))
0.8814285714285715
lifetime_conditions_leq_maximumopen_bracket_active_conditions_or_encounters_coun
t_minus_1_close_bracket
(icu_status)->(lifetime_conditions<=maximum(active_conditions,encounters_count-1
))
0.969596827495043
Hypertension->active_care_plans_leq_10_to_the_power_medications_active_plus_DALY
(icu_status)->((Hypertension)->(active_care_plans<=10^medications_active+DALY))
0.9673776662484316
mean_Chloride_leq_flooropen_bracket_Protein__Mass_volume__in_Serum_or_Plasma_clo
se_bracket_plus_latitude
(icu_status)->(mean_Chloride<=floor(Protein__Mass_volume__in_Serum,Plasma)+latit
ude)
0.8543526785714286
mean_Systolic_Blood_Pressure_geq_Urea_Nitrogen_times_flooropen_bracket_Hemoglobi
n_A1c_Hemoglobin_total_in_Blood_close_bracket

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(icu_status)->(mean_Systolic_Blood_Pressure>=Urea_Nitrogen*floor(Hemoglobin_A1c_
Hemoglobin_total_in_Blood))
0.9401473296500921
Major_depression_disorder->medications_lifetime_length_geq_open_bracket_medicati
ons_active_minus_1_close_bracket_to_the_power_Hemoglobin_A1c_Hemoglobin_total_in
_Blood
(icu_status)->((Major_depression_disorder)->(medications_lifetime_length>=(medic
ations_active-1)^Hemoglobin_A1c_Hemoglobin_total_in_Blood))
0.9556099265990913
Prediabetes->mean_Pain_severity___0_10_verbal_numeric_rating_Score___Reported_
leq_e_to_the_power_open_bracket_10_to_the_power_lifetime_care_plans_close_bracke
t
(icu_status)->((Prediabetes)->(mean_Pain_severity___0_10_verbal_numeric_rating__
Score___Reported<=e^(10^lifetime_care_plans)))
0.9700488997555012
Influenza__seasonal__inje->healthcare_expenses_leq_Body_Height_squared_times_age
(icu_status)->((Influenza__seasonal__inje)->(healthcare_expenses<=Body_Height^2*
age))
0.9456603773584905
41
~latitude_geq_flooropen_bracket_Body_Weight_close_bracket_to_the_power_medicatio
ns_lifetime_perc_covered
(~(latitude>=floor(Body_Weight)^medications_lifetime_perc_covered))->(icu_status
)
0.12605042016806722
~latitude_geq_lifetime_care_plan_length_minus_lifetime_condition_length_plus_1
(~(latitude>=lifetime_care_plan_length-
lifetime_condition_length+1))->(icu_status)
0.05533371363377068
Microalbuminuria_due_to_t
(Microalbuminuria_due_to_t)->(icu_status)
0.09671746776084408
Myocardial_Infarction
(Myocardial_Infarction)->(icu_status)
0.18672199170124482
Non_small_cell_lung_cance
(Non_small_cell_lung_cance)->(icu_status)
0.1502843216896832
Familial_Alzheimers_dise
(Familial_Alzheimers_dise)->(icu_status)
0.0880281690140845
Brain_damage___traumatic
(Brain_damage___traumatic)->(icu_status)
0.07303370786516854
Hep_B__adult
(Hep_B__adult)->(icu_status)
0.0199203187250996
~active_condition_length_leq_open_bracket_logopen_bracket_QALY_close_bracket_div

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ided_by_logopen_bracket_10_close_bracket_close_bracket_to_the_power_lifetime_con
 dition_length
 (~ (active_condition_length <= (log(QALY)/log(10)) ^ lifetime_condition_length)) -> (icu_status)
 0.027450980392156862
 Hemoglobin__Presence__in_Urine_by_Test_stripUrine_blood_test__equal__negative__f
 inding_
 (Hemoglobin__Presence__in_Urine_by_Test_stripUrine_blood_test__=_negative__findin
 g_) -> (icu_status)
 0.12345679012345678
 Chronic_pain&Body_mass_index_30____obe
 ((Chronic_pain)&(Body_mass_index_30____obe)) -> (icu_status)
 0.07116692830978545
 ~active_care_plans_geq_minus_encounters_count_plus_flooropen_bracket_Aspartate_
 aminotransferase__Enzymatic_activity_volume__in_Serum_or_Plasma_close_bracket
 (~ (active_care_plans >= -encounters_count + floor(Aspartate_aminotransferase__Enzyma
 tic_activity_volume__in_Serum,Plasma))) -> (icu_status)
 0.06033898305084746
 ~lifetime_care_plan_length_leq_maximumopen_bracket_age_or_inverse_of_2_times_med
 ications_lifetime_dispenses_close_bracket
 (~ (lifetime_care_plan_length <= maximum(age, 1/2 * medications_lifetime_dispenses))) -
 > (icu_status)
 0.05016722408026756
 ~encounters_count_leq_flooropen_bracket_Potassium_close_bracket_to_the_power_mea
 n_Potassium
 (~ (encounters_count <= floor(Potassium) ^ mean_Potassium)) -> (icu_status)
 0.16055625790139064
 ~medications_lifetime_cost_geq_immunizations_lifetime_times_medications_lifetime
 _squared
 (~ (medications_lifetime_cost >= immunizations_lifetime * medications_lifetime^2)) -> (
 icu_status)
 0.20314389359129384
 Transthoracic_three_dimen
 (Transthoracic_three_dimen) -> (icu_status)
 0.16986301369863013
 ~healthcare_coverage_geq_minus_immunizations_lifetime_cost_plus_lifetime_care_p
 lan_length_plus_1
 (~ (healthcare_coverage >= -immunizations_lifetime_cost + lifetime_care_plan_length + 1
)) -> (icu_status)
 0.02547065337763012
 Seizure_Count_Cerebral_Co
 (Seizure_Count_Cerebral_Co) -> (icu_status)
 0.058823529411764705
 healthcare_expenses_leq_Carbon_Dioxide_times_Platelets____volume__in_Blood_by_Au
 tomed_count_squared
 (healthcare_expenses <= Carbon_Dioxide * Platelets____volume__in_Blood_by_Automated_
 count^2) -> (icu_status)
 0.09940174873446847

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lifetime_condition_length_leq_minimumopen_bracket_healthcare_expenses_or_FEV1_FV
C_squared_close_bracket
(lifetime_condition_length<=minimum(healthcare_expenses,FEV1_FVC^2))->(icu_statu
s)
0.12087912087912088
medications_active_leq_open_bracket_procedures_lifetime_cost_minus_1_close_brack
et_to_the_power_Sodium
(medications_active<=(procedures_lifetime_cost-1)^Sodium)->(icu_status)
0.03333333333333333
Osteoarthritis_of_knee&Miscarriage_in_first_trim
((Osteoarthritis_of_knee)&(Miscarriage_in_first_trim))->(icu_status)
0.09215686274509804
~healthcare_expenses_geq_open_bracket_medications_lifetime_length_squared_close_
bracket_to_the_power_encounters_lifetime_perc_covered
(~(healthcare_expenses>=(medications_lifetime_length^2)^encounters_lifetime_perc
_covered))->(icu_status)
0.046686746987951805
~lifetime_care_plans_leq_open_bracket_inverse_of_encounters_lifetime_perc_covere
d_close_bracket_to_the_power_lifetime_conditions
(~(lifetime_care_plans<=(1/encounters_lifetime_perc_covered)^lifetime_conditions
))->(icu_status)
0.03242506811989101
~healthcare_coverage_leq_10_to_the_power_DALY_divided_by_device_lifetime_length
(~(healthcare_coverage<=10^DALY/device_lifetime_length))->(icu_status)
0.07597027250206441
~latitude_leq_minus_Carbon_Dioxide_plus_flooropen_bracket_Glucose_close_bracket
(~(latitude<=-Carbon_Dioxide+floor(Glucose)))->(icu_status)
0.09274790330537741
~latitude_geq_minus_active_condition_length_plus_age_plus_1
(~(latitude>=-active_condition_length+age+1))->(icu_status)
0.07187630589218554
~longitude_leq_DALY_minus_QALY
(~(longitude<=DALY-QALY))->(icu_status)
0.14714615638403167
~medications_lifetime_geq_inverse_of_2_times_medications_active_times_procedures
_lifetime
(~(medications_lifetime>=1/2*medications_active*procedures_lifetime))->(icu_stat
us)
0.04541241890639481
~age_geq_4_times_lifetime_conditions
(~(age>=4*lifetime_conditions))->(icu_status)
0.05069124423963134
~num_allergies_leq_10_to_the_power_active_care_plans_divided_by_lifetime_conditi
on_length
(~(num_allergies<=10^active_care_plans/lifetime_condition_length))->(icu_status)
0.04232164449818621
~active_care_plans_geq_minimumopen_bracket_lifetime_care_plans_or_medications_ac
tive_minus_1_close_bracket

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(~(active_care_plans>=minimum(lifetime_care_plans,medications_active-1)))>-(icu_
status)
0.15128755364806867
Opioid_abuse__disorder_&Alcoholism
((Opioid_abuse__disorder_)&(Alcoholism))>-(icu_status)
0.10089020771513353
~active_care_plan_length_geq_flooropen_bracket_lifetime_care_plan_length_close_b
racket_minus_medications_lifetime_cost
(~(active_care_plan_length>=floor(lifetime_care_plan_length)-medications_lifetim
e_cost))>-(icu_status)
0.02749301025163094
~lifetime_conditions_leq_flooropen_bracket_Hemoglobin_A1c_Hemoglobin_total_in_Bl
ood_close_bracket_plus_medications_lifetime
(~(lifetime_conditions<=floor(Hemoglobin_A1c_Hemoglobin_total_in_Blood)+medicati
ons_lifetime))>-(icu_status)
0.07583774250440917
~lifetime_conditions_geq_flooropen_bracket_Potassium_close_bracket_plus_immuniza
tions_lifetime
(~(lifetime_conditions>=floor(Potassium)+immunizations_lifetime))>-(icu_status)
0.05491551459293395
~Respiratory_rate_geq_ceilopen_bracket_sqrtopen_bracket_Systolic_Blood_Pressure_
close_bracket_close_bracket
(~(Respiratory_rate>=ceil(sqrt(Systolic_Blood_Pressure))))>-(icu_status)
0.10064935064935066
~Calcium_leq_ceilopen_bracket_mean_Urea_Nitrogen_plus_1_close_bracket
(~(Calcium<=ceil(mean_Urea_Nitrogen+1)))>-(icu_status)
0.07822222222222222
Smokes_tobacco_daily&Alcoholism
((Smokes_tobacco_daily)&(Alcoholism))>-(icu_status)
0.08328826392644673
Measurement_of_respirator&Hyperlipidemia
((Measurement_of_respirator)&(Hyperlipidemia))>-(icu_status)
0.1346153846153846
healthcare_coverage_geq_sqrtopen_bracket_Platelets___volume__in_Blood_by_Automa
ted_count_close_bracket_to_the_power_lifetime_care_plans&Appendicitis
((healthcare_coverage>=sqrt(Platelets___volume__in_Blood_by_Automated_count)^li
fetime_care_plans)&(Appendicitis))>-(icu_status)
0.0673758865248227

```