LIT -> LIT\_COLNAME； best test 48.7% -> 61.6%

星花代表出现的频度

\*\*Problem 1: memorize training data

X: who has the least count of medals

Y: where

exists sandbox.medalists sandbox.medals

show

sort

sandbox.medalists.athlete\_name sandbox.medalists

countof sandbox.medals

countof sandbox.medals +

P: where

exists sandbox.medals sandbox.countryregions

show

sort

sandbox.countryregions

countof sandbox.medals

countof sandbox.medals +

In train:

X: what country won the least number of medals

Y: where exists sandbox.medals sandbox.countryregions show sort sandbox.countryregions countof sandbox.medals countof sandbox.medals +

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

X: show countries countries countries and editions for lit\_edition.year lit\_edition.year and lit\_edition.year lit\_edition.year games ???

Y: where

hasvalue sandbox.editions.year sandbox.editions sandbox.editions.year sandbox.editions\_1 hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

or hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

show sandbox.editions.host\_country\_region sandbox.editions sandbox.editions\_1

P: where

exists sandbox.medals sandbox.editions sandbox.countryregions

hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

show sandbox.countryregions

In train:

X: show countries and olympics

Y: where exists sandbox.medals sandbox.editions sandbox.countryregions show sandbox.countryregions sandbox.editions

\*Generalizability is limited

X: how many sport disciplines are in the olympics (the pattern is not in training set)

Y: where

exists sandbox.medals sandbox.editions

exists sandbox.medals\_1 sandbox.editions

show

countof sandbox.medals.sport sandbox.medals\_1

sandbox.medals.discipline sandbox.medals

P: where

exists sandbox.medalists sandbox.medals sandbox.editions

show countof countof sandbox.medalists.athlete\_name sandbox.medalists

\*Problem 2: medalist vs medal

X: who has the most medals

Y: where exists sandbox.medalists sandbox.medals

show sort sandbox.medalists.athlete\_name sandbox.medalists

countof sandbox.medals countof sandbox.medals -

P: where exists sandbox.medals sandbox.medals\_1

show sort sandbox.medalists.athlete\_name sandbox.medals

countof sandbox.medals\_1 countof sandbox.medals\_1 –

\*Problem 3: Olympic->edition

X: how many olympics has lit\_medalist.athlete\_name participated in

Y: where

exists sandbox.medalists sandbox.editions

hasvalue sandbox.medalists.athlete\_name sandbox.medalists lit\_medalist.athlete\_name

show countof sandbox.editions

P: where

exists sandbox.medalists sandbox.medals

hasvalue sandbox.medalists.athlete\_name sandbox.medalists lit\_medalist.athlete\_name

show countof sandbox.medals

But in training set: 4 “how many olympics”s

\*\*Problem 4: correct?

X: medal count in lit\_edition.year

Y: where

exists sandbox.medals sandbox.editions

hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

show sandbox.medals.medal\_count sandbox.medals

P: where

hasvalue sandbox.editions.year sandbox.editions sandbox.editions.year sandbox.editions\_1 exists sandbox.medals sandbox.editions\_1

hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

show sandbox.medals.medal\_count sandbox.medals

x: unknown medal count by winning country

y: where

exists sandbox.medals sandbox.countryregions

show sandbox.countryregions sandbox.medals.medal\_count sandbox.medals

p: where

exists sandbox.medals sandbox.countryregions

show sandbox.medals.medal\_count sandbox.medals sandbox.countryregions

x: who won lit\_medalist.medal\_class lit\_medal.event\_gender lit\_medal.sport in lit\_edition.year

y: where exists sandbox.medals sandbox.editions sandbox.countryregions hasvalue sandbox.editions.year sandbox.editions sandbox.editions.year sandbox.editions\_1 exists sandbox.medals\_1 sandbox.editions\_1 hasvalue sandbox.medals.class sandbox.medals lit\_medalist.medal\_class hasvalue sandbox.medals.event\_gender sandbox.medals lit\_medal.event\_gender hasvalue sandbox.medals.sport sandbox.medals\_1 lit\_medal.sport hasvalue sandbox.editions.year sandbox.editions lit\_edition.year show sandbox.countryregions

p: where exists sandbox.medals sandbox.countryregions sandbox.editions hasvalue sandbox.editions.year sandbox.editions sandbox.editions.year sandbox.editions\_1 exists sandbox.medals\_1 sandbox.editions\_1 hasvalue sandbox.medals.class sandbox.medals lit\_medalist.medal\_class hasvalue sandbox.medals.event\_gender sandbox.medals lit\_medal.event\_gender hasvalue sandbox.medals.sport sandbox.medals\_1 lit\_medal.sport hasvalue sandbox.editions.year sandbox.editions lit\_edition.year show sandbox.countryregions

x: lit\_medal.event\_gender lit\_medal.sport olympics lit\_edition.year

y: where

exists sandbox.medals sandbox.editions exists sandbox.medals\_1 sandbox.editions

hasvalue sandbox.medals.event sandbox.medals\_1 sandbox.medals.event sandbox.medals\_2 hasvalue sandbox.medals.event\_gender sandbox.medals\_2 lit\_medal.event\_gender

hasvalue sandbox.medals.sport sandbox.medals lit\_medal.sport

hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

show sandbox.editions

p: where

exists sandbox.medals sandbox.editions

hasvalue sandbox.medals.event sandbox.medals sandbox.medals.event sandbox.medals\_1 hasvalue sandbox.medals.event sandbox.medals\_1 lit\_medal.event\_gender

hasvalue sandbox.medals.sport sandbox.medals lit\_medal.sport

hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

show sandbox.editions