

Question: List the names of poker players ordered by the final tables made in ascending order.
poker player: ['poker player id', 'people id', 'final table made', 'best finish', 'money rank', 'earnings'] people: ['people id', 'nationality', 'name', 'birth date', 'height']
GNN: SELECT people.name FROM poker_player JOIN people ON poker_player.people_id = people.people_id ORDER BY poker_player.final_table_made ASC
NOGNN: SELECT people.name FROM people ORDER BY people.name DESC
Question: Which city has the most frequent destination airport?
airlines: ['airline id', 'airline name', 'abbreviation', 'country'] airports: ['city', 'airport code', 'airport name', 'country', 'country abbrev'] flights: ['airline', 'flight number', 'source airport', 'destination airport']
GNN: SELECT airports.city FROM airports JOIN flights ON airports.airportcode = flights.destairport GROUP BY airports.city ORDER BY count (*) DESC LIMIT 1
NOGNN: SELECT airports.city FROM airports GROUP BY airports.city ORDER BY count (*) DESC LIMIT 1
Question: What are the names of airports in Aberdeen?
airlines: ['airline id', 'airline name', 'abbreviation', 'country'] airports: ['city', 'airport code', 'airport name', 'country', 'country abbrev'] flights: ['airline', 'flight number', 'source airport', 'destination airport']
GNN: SELECT airports.airportname FROM airports WHERE airports.airportname = "value"
NOGNN: SELECT airports.airportname FROM airports WHERE airports.city = "value"
Question: List the language used least number of TV Channel. List language and number of TV Channel.
tv channel: ['id', 'series name', 'country', 'language', 'content', 'pixel aspect ratio par', 'hight definition tv', 'pay per view ppv', 'package option'] tv series: ['id', 'episode', 'air date', 'rating', 'share', '18 49 rating share', 'viewers m', 'weekly rank', 'channel'] cartoon: ['id', 'title', 'directed by', 'written by', 'original air date', 'production code', 'channel']
GNN: SELECT tv_channel.language, count (*) FROM tv_channel GROUP BY tv_channel.language ORDER BY count (*) ASC LIMIT 1
NOGNN: SELECT tv_channel.language, count (*) FROM tv_channel GROUP BY tv_channel.language
Question: Find the type and weight of the youngest pet.
student: ['student id', 'last name', 'first name', 'age', 'sex', 'major', 'advisor', 'city code'] has pet: ['student id', 'pet id'] pets: ['pet id', 'pet type', 'pet age', 'weight']
GNN: SELECT pets.pettype, pets.weight FROM pets ORDER BY pets.pet.age LIMIT 1
NOGNN: SELECT pets.pettype, pets.weight, pets.pet.age FROM pets
Question: List each owner's first name, last name, and the size of his for her dog.
breeds: ['breed code', 'breed name'] charges: ['charge id', 'charge type', 'charge amount'] sizes: ['size code', 'size description'] treatment types: ['treatment type code', 'treatment type description'] owners: ['owner id', 'first name', 'last name', 'street', 'city', 'state', 'zip code', 'email address', 'home phone', 'cell number'] dogs: ['dog id', 'owner id', 'abandoned yes or no', 'breed code', 'size code', 'name', 'age', 'date of birth', 'gender', 'weight', 'date arrived', 'date adopted', 'date departed'] professionals: ['professional id', 'role code', 'first name', 'street', 'city', 'state', 'zip code', 'last name', 'email address', 'home phone', 'cell number'] treatments: ['treatment id', 'dog id', 'professional id', 'treatment type code', 'date of treatment', 'cost of treatment']
GNN: SELECT owners.first.name, owners.last.name, dogs.size.code FROM dogs JOIN owners ON dogs.owner_id = owners.owner_id
NOGNN: SELECT owners.first.name, owners.last.name, count (*) FROM dogs JOIN owners ON dogs.owner_id = owners.owner_id GROUP BY owners.owner_id
Question: What is the number of carsw ith over 6 cylinders?
continents: ['cont id', 'continent'] countries: ['country id', 'country name', 'continent'] car makers: ['id', 'maker', 'full name', 'country'] model list: ['model id', 'maker', 'model'] car names: ['make id', 'model', 'make'] cars data: ['id', 'mpg', 'cylinders', 'edisp', 'horsepower', 'weight', 'accelerate', 'year']
GNN: SELECT count (*) FROM cars_data WHERE cars_data.cylinders > "value"
NOGNN: SELECT count (*) FROM model_list JOIN cars_data ON cars_data.id = cars_data.id WHERE cars_data.cylinders > "value"

Table 2: We randomly select query outputs from NO-GNN and GNN in cases where one of the models was correct and the other made an error. We show questions, schemas and queries. Correct answers are marked in blue.