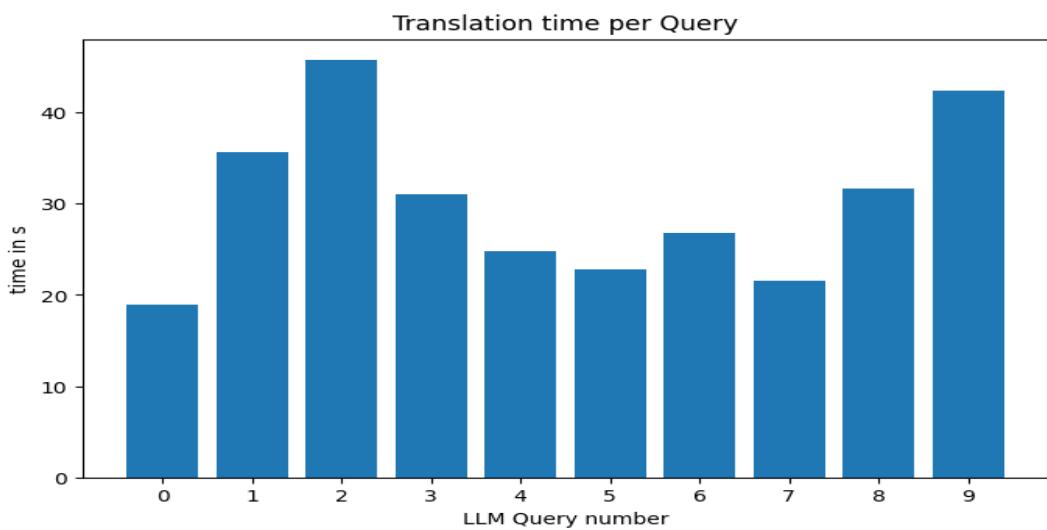
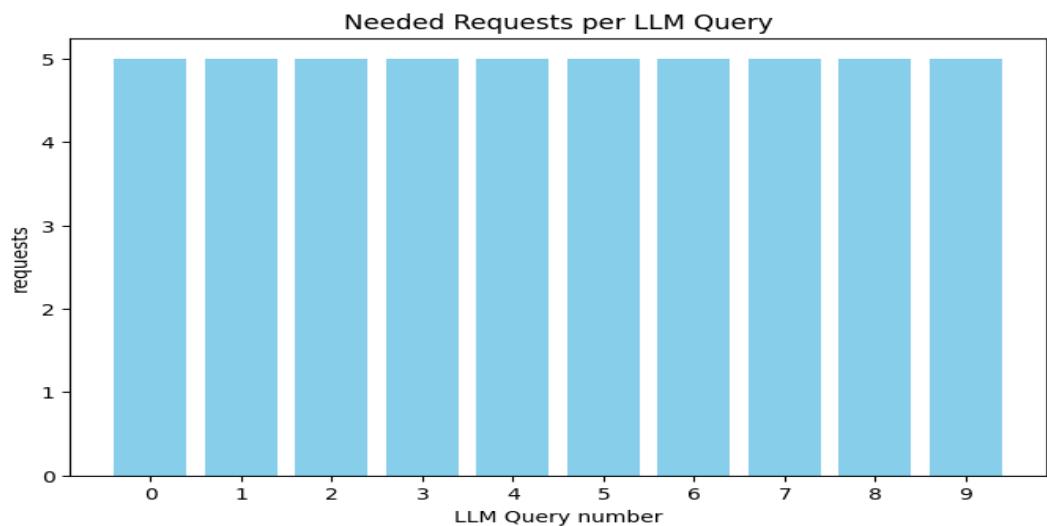


Report of ID 222

Name	Query	EA	SA	
NL Query	What is the difference between the number of molecules that are carcinogenic and those that are not? label = '+' means molecules are carcinogenic; label = '-' means molecules are non-carcinogenic; difference = SUBTRACT(SUM(label = '+'), SUM(label = '-'))	-	-	
Gold Query	SELECT COUNT(CASE WHEN T.label = '+' THEN T.molecule_id ELSE NULL END) - COUNT(CASE WHEN T.label = '-' THEN T.molecule_id ELSE NULL END) AS diff_car_notcar FROM molecule AS t	-	-	
LLM Queray #0	SELECT SUM(CASE WHEN `label` = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN `label` = '-' THEN 1 ELSE 0 END) AS difference FROM `molecule`;	0.00	0	VALID
LLM Queray #1	SELECT SUM(CASE WHEN `label` = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN `label` = '-' THEN 1 ELSE 0 END) AS difference FROM `molecule`;	0.00	0	VALID
LLM Queray #2	SELECT SUM(CASE WHEN label = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN label = '-' THEN 1 ELSE 0 END) AS difference FROM molecule;	0.00	0	VALID
LLM Queray #3	SELECT SUM(CASE WHEN label = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN label = '-' THEN 1 ELSE 0 END) AS difference FROM molecule;	0.00	0	VALID
LLM Queray #4	SELECT SUM(CASE WHEN `label` = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN `label` = '-' THEN 1 ELSE 0 END) AS difference FROM `molecule`;	0.00	0	VALID
LLM Queray #5	SELECT SUM(CASE WHEN `label` = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN `label` = '-' THEN 1 ELSE 0 END) AS difference FROM `molecule`;	0.00	0	VALID
LLM Queray #6	SELECT SUM(CASE WHEN label = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN label = '-' THEN 1 ELSE 0 END) AS difference FROM molecule;	0.00	0	VALID
LLM Queray #7	SELECT SUM(CASE WHEN label = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN label = '-' THEN 1 ELSE 0 END) AS difference FROM molecule;	0.00	0	VALID
LLM Queray #8	SELECT SUM(CASE WHEN `label` = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN `label` = '-' THEN 1 ELSE 0 END) AS difference FROM `molecule`;	0.00	0	VALID
LLM Queray #9	SELECT SUM(CASE WHEN `label` = '+' THEN 1 ELSE 0 END) - SUM(CASE WHEN `label` = '-' THEN 1 ELSE 0 END) AS difference FROM `molecule`;	0.00	0	VALID

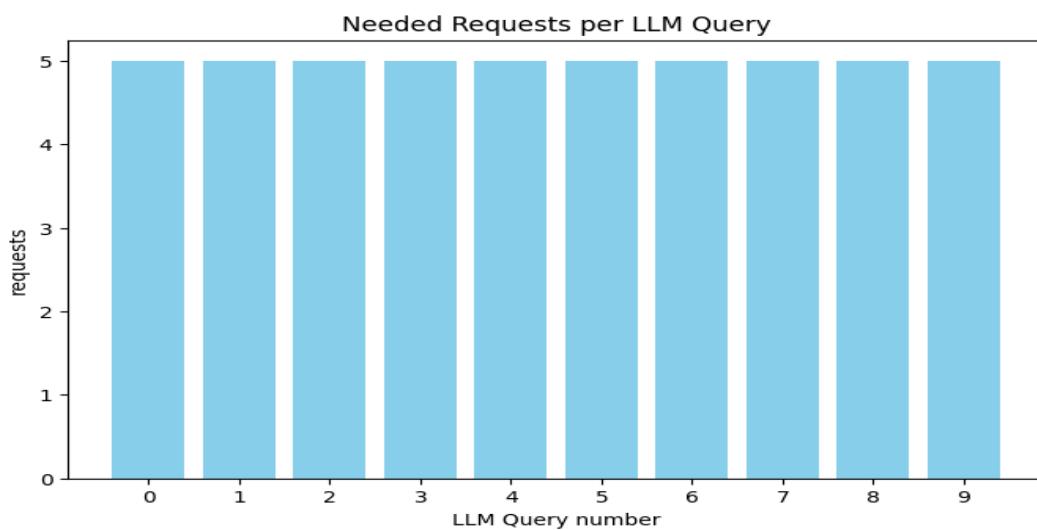


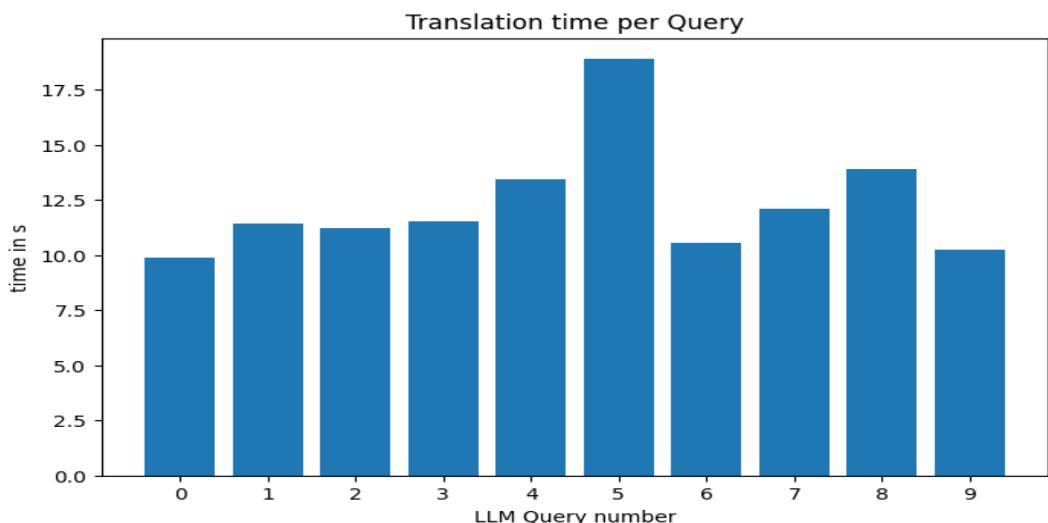
Average translation time: 30.16

Average total time: 30.45

Report of ID 376

Name	Query	EA	SA	
NL Query	What are the card layout of cards with keyword of flying?	-	-	
Gold Query	SELECT layout FROM cards WHERE keywords = 'Flying'	-	-	
LLM Queray #0	SELECT DISTINCT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID
LLM Queray #1	SELECT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID
LLM Queray #2	SELECT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID
LLM Queray #3	SELECT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID
LLM Queray #4	SELECT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID
LLM Queray #5	SELECT DISTINCT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID
LLM Queray #6	SELECT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID
LLM Queray #7	SELECT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID
LLM Queray #8	SELECT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID
LLM Queray #9	SELECT DISTINCT layout FROM cards WHERE keywords LIKE '%Flying%'	0.56	0	VALID





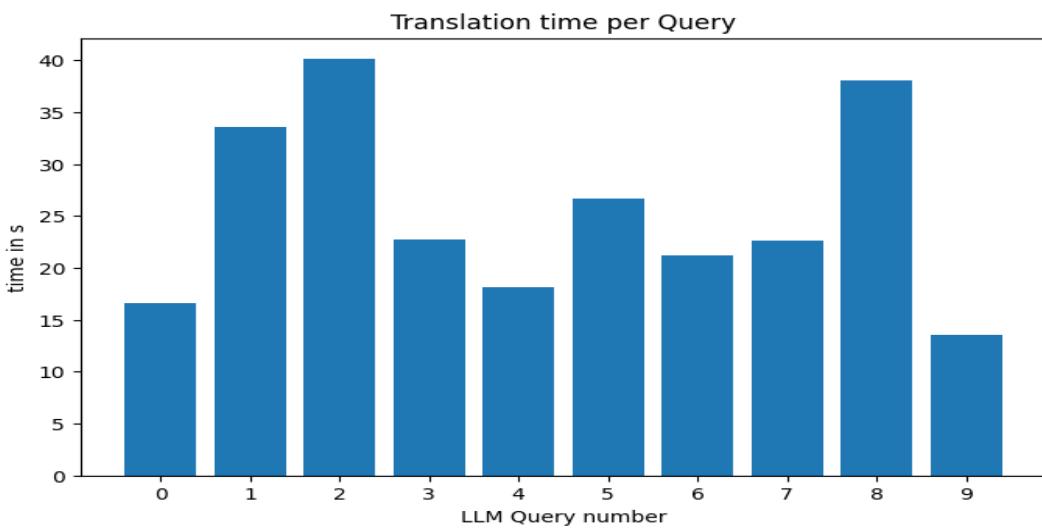
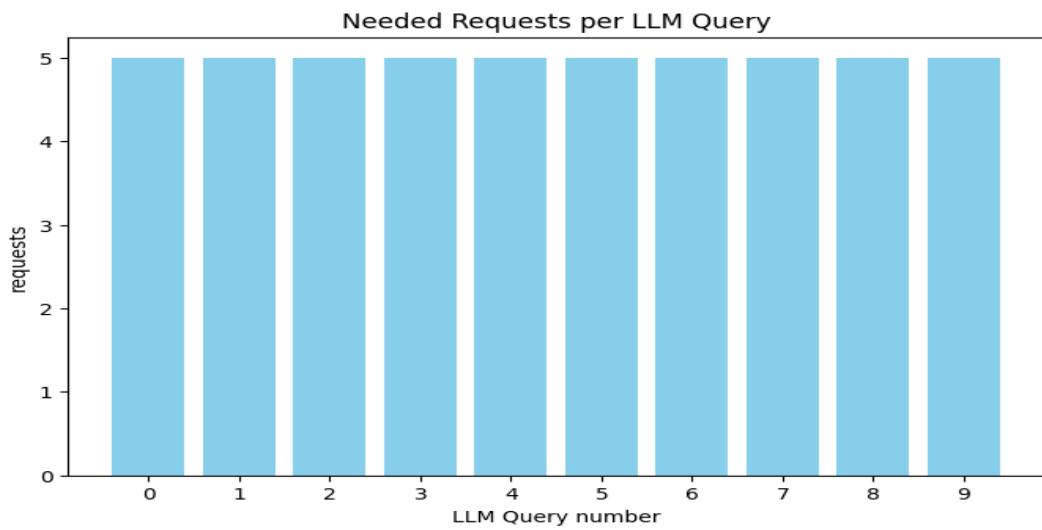
Average translation time: 12.30

Average total time: 12.87

Report of ID 391

Name	Query	EA	SA	
NL Query	Among the Artifact cards, which are black color and comes with foreign language translation? Artifact card refers to originalType = 'Artifact'; black color refers to colors = 'B'; foreign language refers to language in foreign_data	-	-	
Gold Query	SELECT DISTINCT T1.name FROM cards AS T1 INNER JOIN foreign_data AS T2 ON T1.uuid = T2.uuid WHERE T1.originalType = 'Artifact' AND T1.colors = 'B'	-	-	
LLM Queray #0	SELECT c.name, fd.language FROM cards c JOIN foreign_data fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language IS NOT NULL AND fd.language != '';	0.00	0	VALID
LLM Queray #1	SELECT c.name, fd.language FROM cards AS c JOIN foreign_data AS fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language IS NOT NULL	0.00	0	VALID
LLM Queray #2	SELECT c.name, fd.language FROM cards AS c JOIN foreign_data AS fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language IS NOT NULL	0.00	0	VALID
LLM Queray #3	SELECT c.name, fd.language FROM cards c JOIN foreign_data fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language != 'English' ORDER BY c.name, fd.language;	0.00	0	VALID
LLM Queray #4	SELECT c.name, fd.language FROM cards c JOIN foreign_data fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language IS NOT NULL AND fd.language != '';	0.00	0	VALID
LLM Queray #5	SELECT c.name, fd.language FROM cards c JOIN foreign_data fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language != 'English' ORDER BY c.name, fd.language;	0.00	0	VALID
LLM Queray #6	SELECT c.name, fd.language FROM cards AS c JOIN foreign_data AS fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language IS NOT NULL	0.00	0	VALID
LLM Queray #7	SELECT c.name, fd.language FROM cards AS c JOIN foreign_data AS fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language IS NOT NULL	0.00	0	VALID
LLM Queray #8	SELECT c.name, fd.language FROM cards c JOIN foreign_data fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language != 'English' ORDER BY c.name, fd.language;	0.00	0	VALID

LLM Queray #9	SELECT c.name, fd.language FROM cards c JOIN foreign_data fd ON c.uuid = fd.uuid WHERE c.originalType = 'Artifact' AND c.colors = 'B' AND fd.language IS NOT NULL AND fd.language != '';	0.00	0	VALID
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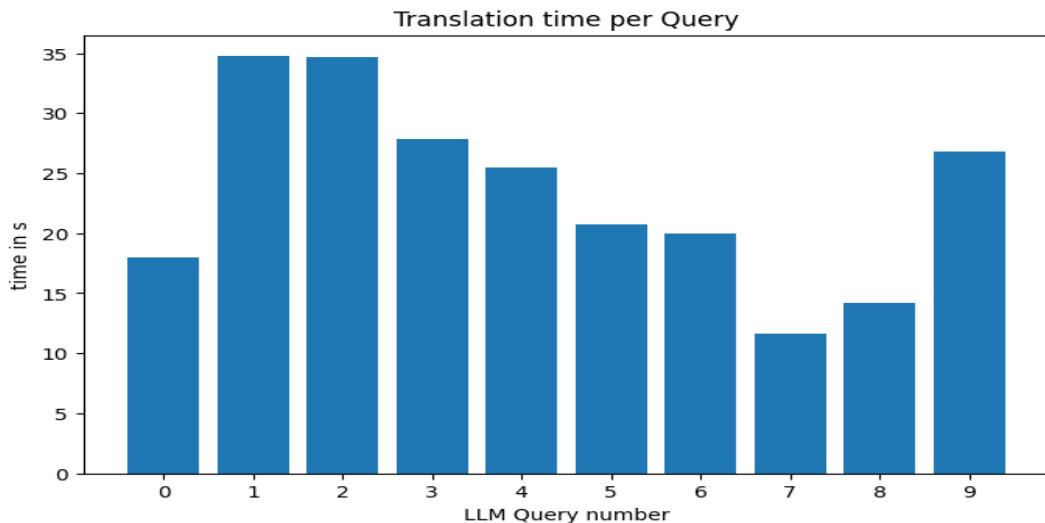
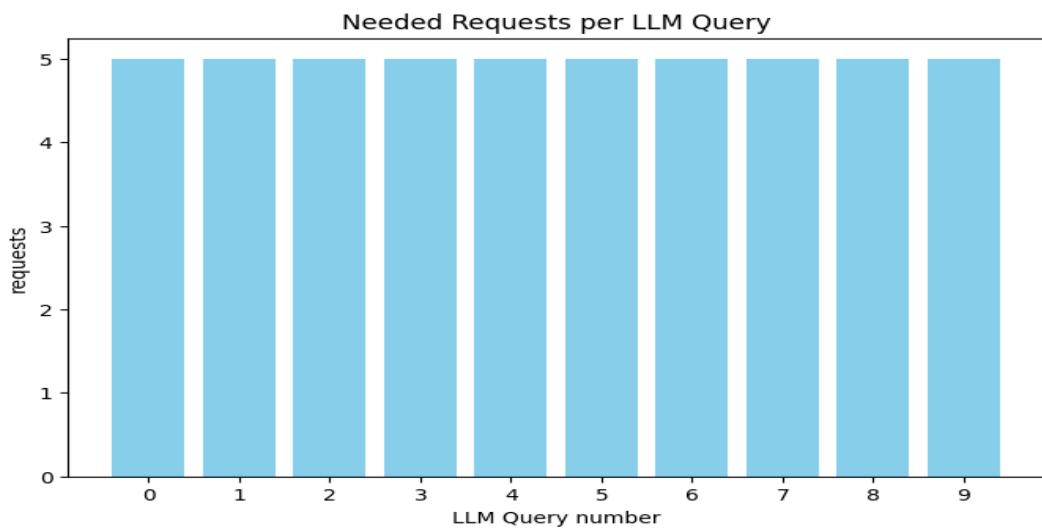
Average translation time: 25.32

Average total time: 26.81

Report of ID 565

Name	Query	EA	SA	
NL Query	User No.23853 gave a comment to a post at 9:08:18 on 2013/7/12, was that post well-finished? user no. 23853 refers to UserId = '23853'; at 9:08:18 on 2013/7/12 refers to CreationDate = '2013-07-12 09:08:18.0'; not well-finished refers to ClosedDate IS NULL and vice versa	-	-	
Gold Query	SELECT IF(T2.ClosedDate IS NULL, 'NOT well-finished', 'well-finished') AS reslt FROM comments AS T1 INNER JOIN posts AS T2 ON T1.PostId = T2.Id WHERE T1.UserId = 23853 AND T1.CreationDate = '2013-07-12 09:08:18.0'	-	-	
LLM Queray #0	SELECT T2.ClosedDate IS NOT NULL FROM comments AS T1 JOIN posts AS T2 ON T1.PostId = T2.Id WHERE T1.UserId = 23853 AND T1.CreationDate = '2013-07-12 09:08:18.0'	1.00	0	VALID
LLM Queray #1	SELECT CASE WHEN T2.ClosedDate IS NOT NULL THEN 'Yes' ELSE 'No' END AS IsWellFinished FROM comments AS T1 INNER JOIN posts AS T2 ON T1.PostId = T2.Id WHERE T1.UserId = 23853 AND T1.CreationDate = '2013-07-12 09:08:18.0'	1.00	0	VALID
LLM Queray #2	SELECT `PostId` FROM `comments` WHERE `UserId` = 23853 AND `CreationDate` = CAST('2013-07-12 09:08:18.0' AS TIMESTAMP)	1.00	0	VALID
LLM Queray #3	SELECT CASE WHEN T2.ClosedDate IS NOT NULL THEN 'Well-finished' ELSE 'Not well-finished' END AS PostStatus FROM comments AS T1 INNER JOIN posts AS T2 ON T1.PostId = T2.Id WHERE T1.UserId = 23853 AND T1.CreationDate = TIMESTAMP '2013-07-12 09:08:18'	1.00	0	VALID
LLM Queray #4	SELECT T2.ClosedDate FROM comments AS T1 JOIN posts AS T2 ON T1.PostId = T2.Id WHERE T1.UserId = 23853 AND T1.CreationDate = '2013-07-12 09:08:18.0'	1.00	0	VALID
LLM Queray #5	SELECT CASE WHEN T2.ClosedDate IS NOT NULL THEN 'Yes' ELSE 'No' END AS IsWellFinished FROM comments AS T1 INNER JOIN posts AS T2 ON T1.PostId = T2.Id WHERE T1.UserId = 23853 AND T1.CreationDate = '2013-07-12 09:08:18.0'	1.00	0	VALID
LLM Queray #6	SELECT CASE WHEN T2.ClosedDate IS NOT NULL THEN 'Well-finished' ELSE 'Not well-finished' END AS PostStatus FROM comments AS T1 INNER JOIN posts AS T2 ON T1.PostId = T2.Id WHERE T1.UserId = 23853 AND T1.CreationDate = TIMESTAMP '2013-07-12 09:08:18'	1.00	0	VALID
LLM Queray #7	SELECT T2.ClosedDate FROM comments AS T1 JOIN posts AS T2 ON T1.PostId = T2.Id WHERE T1.UserId = 23853 AND T1.CreationDate = '2013-07-12 09:08:18.0'	1.00	0	VALID

LLM Queray #8	SELECT T2.ClosedDate IS NOT NULL FROM comments AS T1 JOIN posts AS T2 ON T1.PostId = T2.Id WHERE T1.UserId = 23853 AND T1.CreationDate = '2013-07-12 09:08:18.0'	1.00	0	VALID
LLM Queray #9	SELECT `PostId` FROM `comments` WHERE `UserId` = 23853 AND `CreationDate` = CAST('2013-07-12 09:08:18.0' AS TIMESTAMP)	1.00	0	VALID

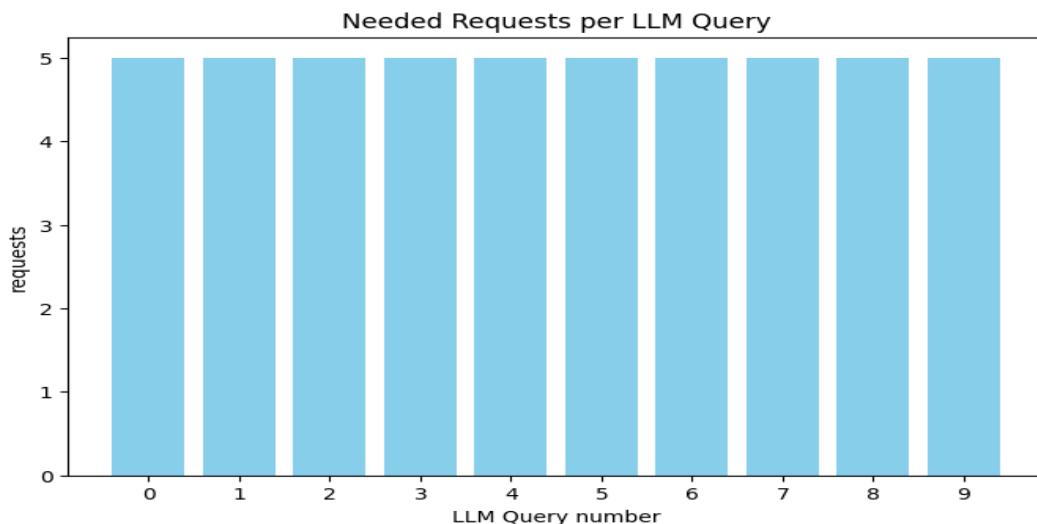


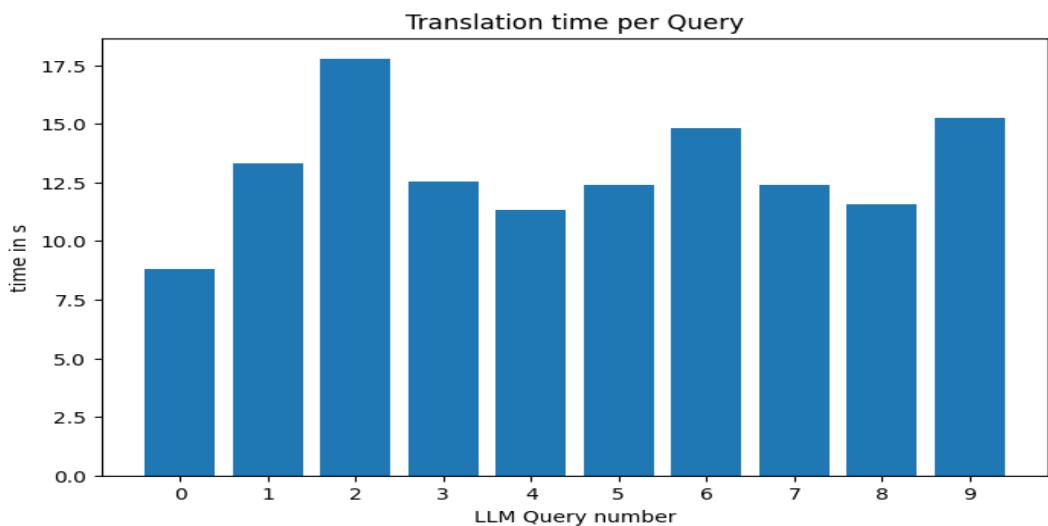
Average translation time: 23.41

Average total time: 23.75

Report of ID 757

Name	Query	EA	SA	
NL Query	Identify the race of the superhero who weighed 169 kg. weighed 169 kg refers to weight_kg = 169	-	-	
Gold Query	SELECT T2.race FROM superhero AS T1 INNER JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	-	-	
LLM Queray #0	SELECT T2.race FROM superhero AS T1 JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID
LLM Queray #1	SELECT T2.race FROM superhero AS T1 INNER JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID
LLM Queray #2	SELECT T2.race FROM superhero AS T1 JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID
LLM Queray #3	SELECT T2.race FROM superhero AS T1 INNER JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID
LLM Queray #4	SELECT T2.race FROM superhero AS T1 JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID
LLM Queray #5	SELECT T2.race FROM superhero AS T1 JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID
LLM Queray #6	SELECT T2.race FROM superhero AS T1 JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID
LLM Queray #7	SELECT T2.race FROM superhero AS T1 JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID
LLM Queray #8	SELECT T2.race FROM superhero AS T1 INNER JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID
LLM Queray #9	SELECT T2.race FROM superhero AS T1 JOIN race AS T2 ON T1.race_id = T2.id WHERE T1.weight_kg = 169	1.00	1	VALID



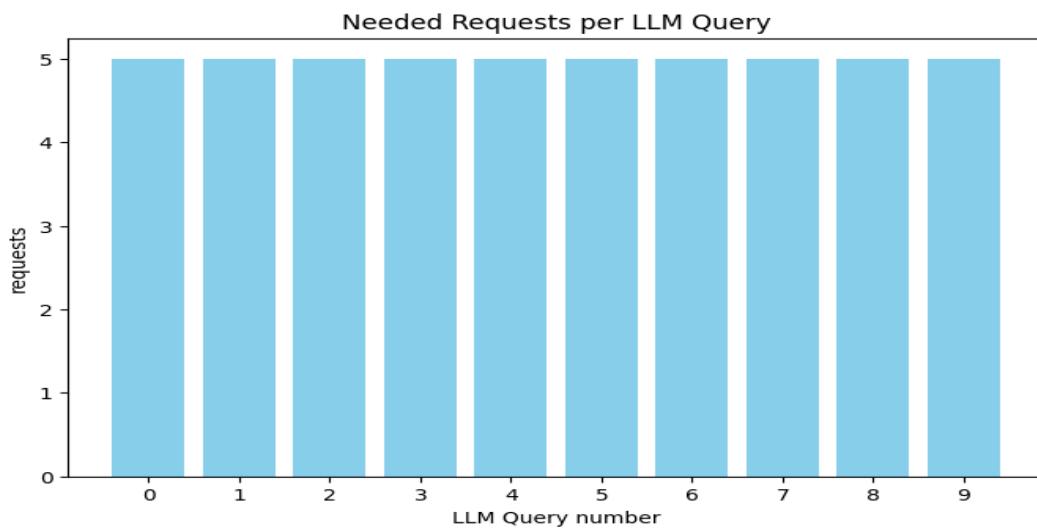


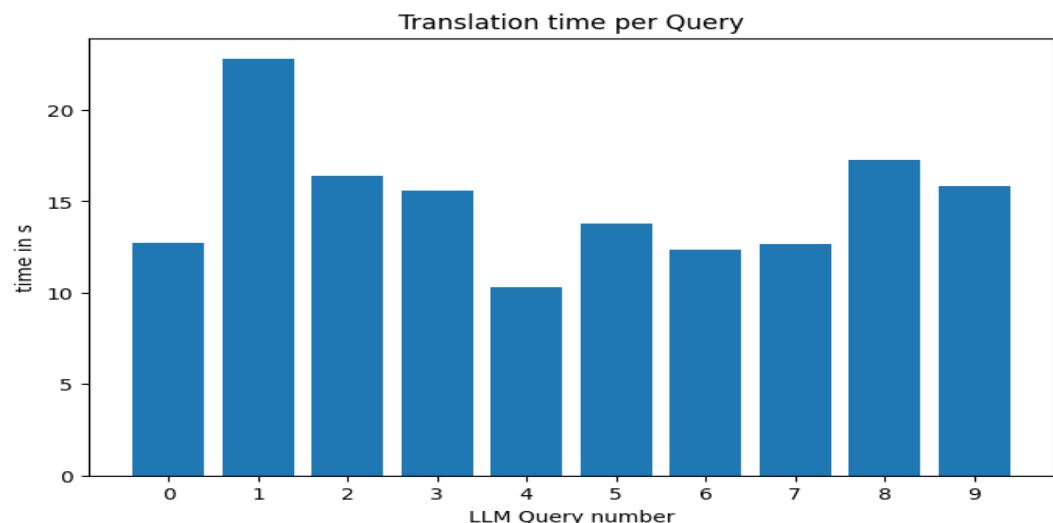
Average translation time: 13.03

Average total time: 13.37

Report of ID 838

Name	Query	EA	SA	
NL Query	Provide the full name of the superhero named Alien.	-	-	
Gold Query	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	-	-	
LLM Queray #0	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID
LLM Queray #1	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID
LLM Queray #2	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID
LLM Queray #3	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID
LLM Queray #4	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID
LLM Queray #5	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID
LLM Queray #6	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID
LLM Queray #7	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID
LLM Queray #8	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID
LLM Queray #9	SELECT full_name FROM superhero WHERE superhero_name = 'Alien'	1.00	1	VALID



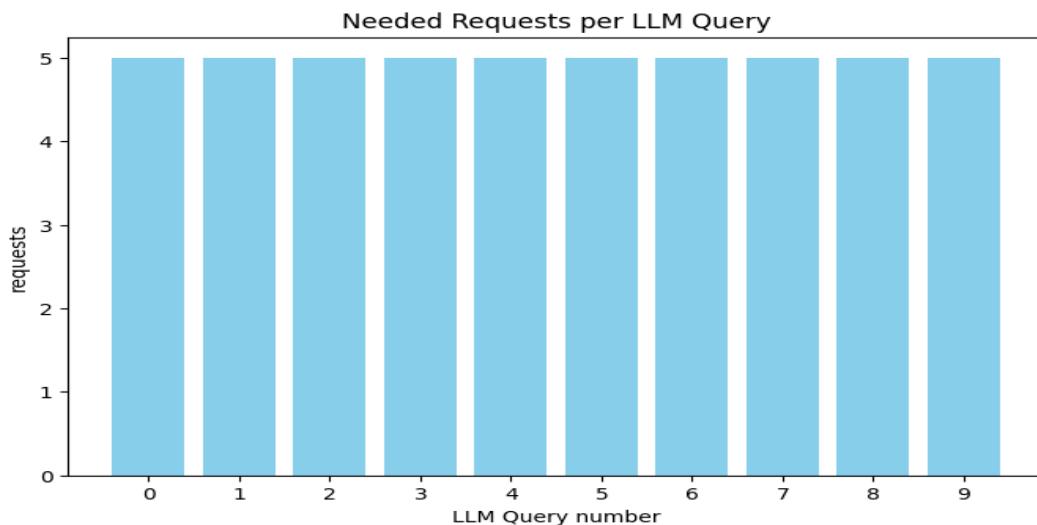


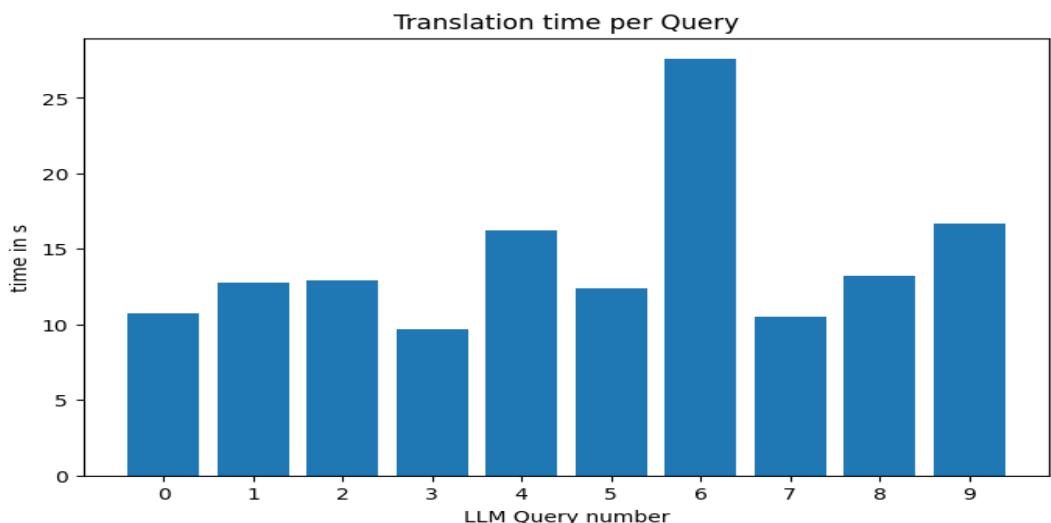
Average translation time: 14.98

Average total time: 15.10

Report of ID 912

Name	Query	EA	SA	
NL Query	What's the reference name of Marina Bay Street Circuit? reference name refers to circuitRef; Marina Bay Street Circuit refers to circuits.name = 'Marina Bay Street Circuit'	-	-	
Gold Query	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	-	-	
LLM Queray #0	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID
LLM Queray #1	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID
LLM Queray #2	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID
LLM Queray #3	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID
LLM Queray #4	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID
LLM Queray #5	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID
LLM Queray #6	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID
LLM Queray #7	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID
LLM Queray #8	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID
LLM Queray #9	SELECT circuitRef FROM circuits WHERE name = 'Marina Bay Street Circuit'	1.00	1	VALID



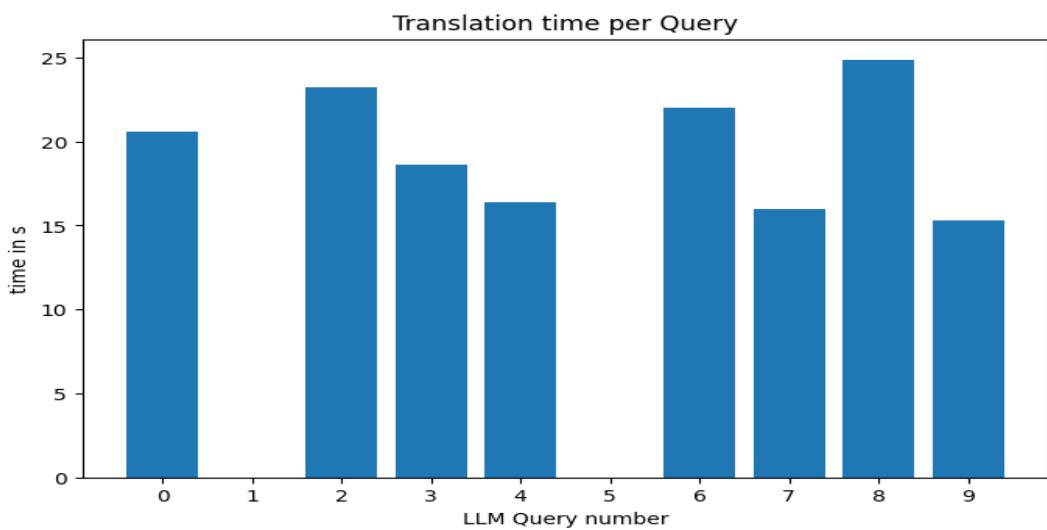
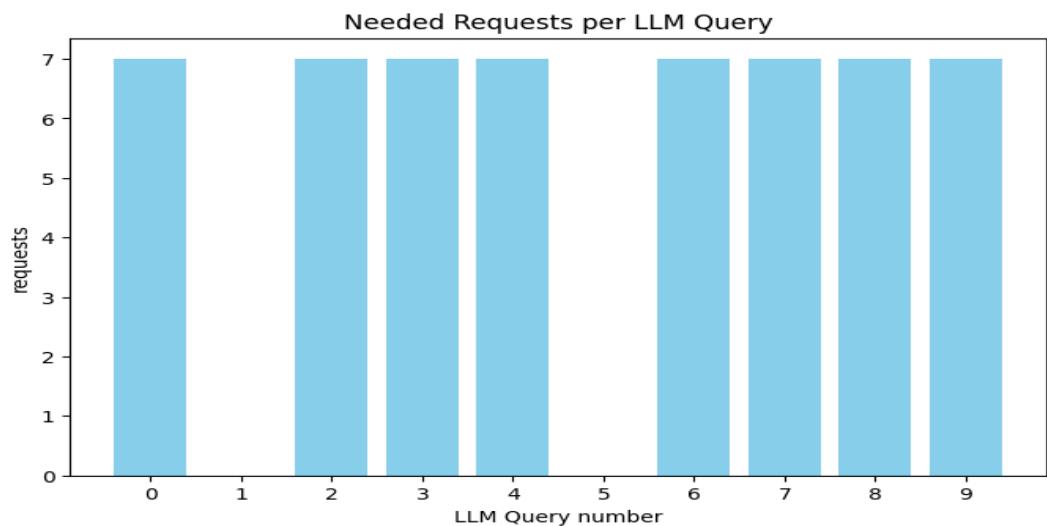


Average translation time: 14.27

Average total time: 14.41

Report of ID 1313

Name	Query	EA	SA	
NL Query	How many students in the Student_Club are from the College of Engineering?	-	-	
Gold Query	SELECT COUNT(T1.member_id) FROM member AS T1 INNER JOIN major AS T2 ON T1.link_to_major = T2.major_id WHERE T2.college = 'College of Engineering'	-	-	
LLM Queray #0	SELECT COUNT(`T1`.`member_id`) FROM `member` AS T1 INNER JOIN `major` AS T2 ON `T1`.`link_to_major` = `T2`.`major_id` WHERE `T2`.`college` = 'College of Engineering'	1.00	0	VALID
LLM Queray #1	SELECT COUNT(DISTINCT T1.student_id) FROM member AS T1 JOIN major AS T2 ON T1.major_id = T2.major_id WHERE T1.club_name = 'Student_Club' AND T2.college_name = 'College of Engineering'	-	-	ERROR
LLM Queray #2	SELECT COUNT(`T1`.`member_id`) FROM `member` AS T1 INNER JOIN `major` AS T2 ON `T1`.`link_to_major` = `T2`.`major_id` WHERE `T2`.`college` = 'College of Engineering'	1.00	0	VALID
LLM Queray #3	SELECT COUNT(DISTINCT m.member_id) FROM member m JOIN major ma ON m.link_to_major = ma.major_id WHERE ma.college = 'College of Engineering';	0.00	0	VALID
LLM Queray #4	SELECT COUNT(T1.member_id) FROM member AS T1 JOIN major AS T2 ON T1.link_to_major = T2.major_id WHERE T2.college = 'College of Engineering'	1.00	1	VALID
LLM Queray #5	SELECT COUNT(DISTINCT student_id) FROM member WHERE club_name = 'Student_Club' AND college_name = 'College of Engineering'	-	-	ERROR
LLM Queray #6	SELECT COUNT(`T1`.`member_id`) FROM `member` AS `T1` INNER JOIN `major` AS `T2` ON `T1`.`link_to_major` = `T2`.`major_id` WHERE `T2`.`college` = 'College of Engineering'	1.00	0	VALID
LLM Queray #7	SELECT COUNT(DISTINCT m.member_id) FROM member m JOIN major ma ON m.link_to_major = ma.major_id WHERE ma.college = 'College of Engineering';	0.00	0	VALID
LLM Queray #8	SELECT COUNT(`T1`.`member_id`) FROM `member` AS T1 INNER JOIN `major` AS T2 ON `T1`.`link_to_major` = `T2`.`major_id` WHERE `T2`.`college` = 'College of Engineering'	1.00	0	VALID
LLM Queray #9	SELECT COUNT(`T1`.`member_id`) FROM `member` AS `T1` INNER JOIN `major` AS `T2` ON `T1`.`link_to_major` = `T2`.`major_id` WHERE `T2`.`college` = 'College of Engineering'	1.00	0	VALID

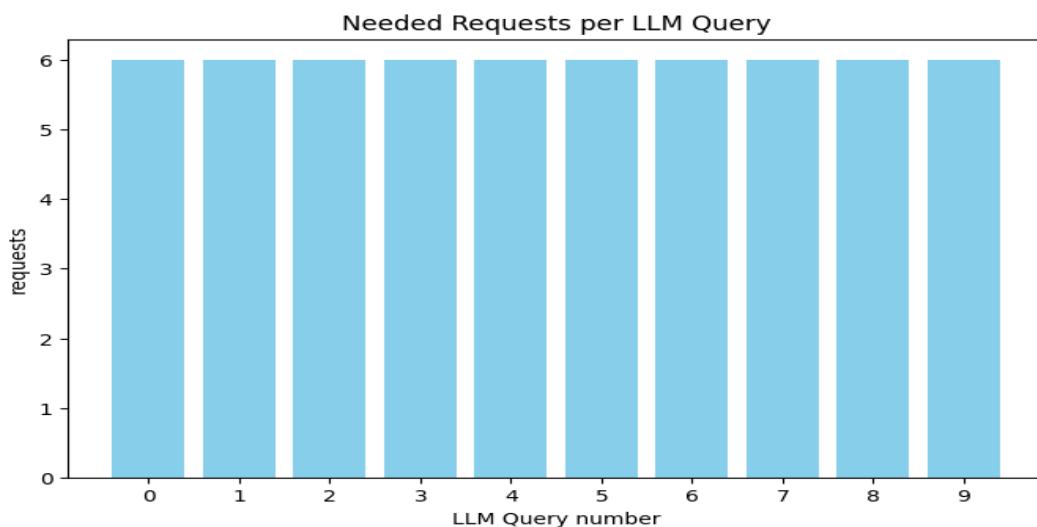


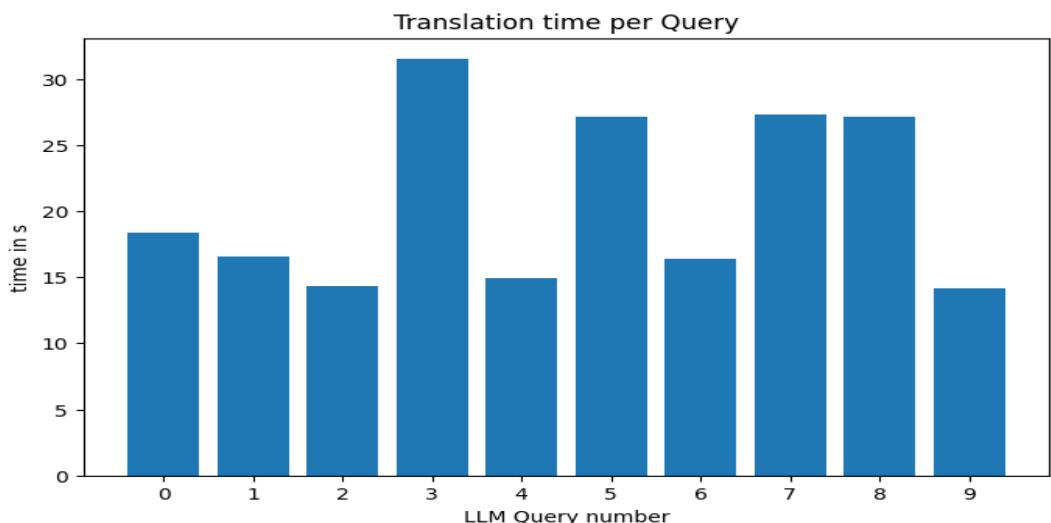
Average translation time: 19.62

Average total time: 20.13

Report of ID 1380

Name	Query	EA	SA	
NL Query	What is the total amount of money spent for food? total amount of money spent refers to SUM(spent); spent for food refers to category = 'Food'	-	-	
Gold Query	SELECT SUM(spent) FROM budget WHERE category = 'Food'	-	-	
LLM Queray #0	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID
LLM Queray #1	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID
LLM Queray #2	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID
LLM Queray #3	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID
LLM Queray #4	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID
LLM Queray #5	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID
LLM Queray #6	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID
LLM Queray #7	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID
LLM Queray #8	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID
LLM Queray #9	SELECT SUM(spent) FROM budget WHERE category = 'Food'	1.00	1	VALID

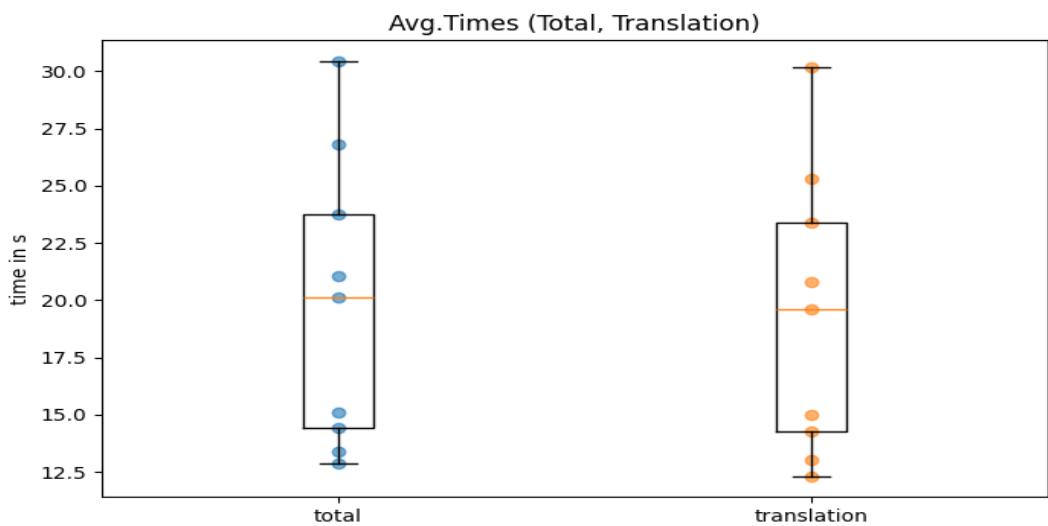




Average translation time: 20.78

Average total time: 21.06

General Overview



The Model executes 0.67% of queries right (with max 10 tries)