Table 1: ETBC correction rules.

Category	Rule	Description
KC	1	Replace the string literal whose similarity to the keyword (case sensitive) in
		question Q is larger than $\theta_{ ext{query}}$ with that keyword.
SC	2	In a path specification (n:SOURCE) - [r:RELATIONSHIP] -> (m:TARGET) of
		an EXPAND operator, if the label ${\tt RELATIONSHIP}$ exists in the global multi-model
		schema, then correct the direction of ${\tt r}$ according to the schema.
	3	In a path specification (n:SOURCE) - [r:RELATIONSHIP] -> (m:TARGET) of
		an EXPAND operator, if the label RELATIONSHIP does not exist in the global
		multi-model schema and there only exist relationships with one label in the global
		multi-model schema, then replace RELATIONSHIP with that label.
	4	In a path specification (n:SOURCE) - [r:RELATIONSHIP] -> (m:TARGET) of
		an ${\tt EXPAND}$ operator, if there does not exist a relationship between nodes with
		labels SOURCE and TARGET, then remove this operator.
	5	In a path specification (n:SOURCE)-[r:RELATIONSHIP]->(m) of an
		${\tt EXPAND}\ operator, if\ there\ only\ exist\ nodes\ with\ one\ label\ in\ the\ global\ multi-model$
		schema, then specify the label for m.
CR	6	Remove empty RETURN operators.
	7	In a ${\tt RETURN}$ operator, remove attributes that do not exist in the previous operators.
	8	In a ${\tt RETURN}$ operator, remove attributes that do not conform to the grammar rules
		in terms of returning fields.
	9	If a ${\tt RETURN}$ operator does not appear at the end of a sub-query, then move the
		operator to the end of the corresponding sub-query.
	10	Move a SORT operator below the SCAN, EXPAND, or LET operator in which the
		variables occur in that SORT operator are introduced.
	11	Move an AGGREGATE operator below the SCAN, EXPAND, or LET operator in
		which the variables occur in that AGGREGATE operator are introduced.
	12	Move a FILTER operator below the SCAN, EXPAND, or LET operator in which the
		variables occur in that FILTER operator are introduced.
	13	If there exists a sub-query without any ${\tt RETURN}$ operator, then add one ${\tt RETURN}$
		operator, whose attribute is the final variable occurs in the previous operators, at
		the end of this sub-query.
SM	14	If a ${\tt RETURN}$ operator contains only one attribute which conforms to the filter
		condition syntax, then correct this operator to FILTER.
	15	If a ${\tt FILTER}$ operator contains incomplete filter conditions that cannot be parsed,
		then remove these tokens.
	16	If a ${\tt FILTER}$ operator contains filter conditions whose comparison symbol cannot
		be parsed, then correct the symbol with EQ .
	17	If a SORT operator contains an invalid order specification which cannot be parsed,
		then correct the order with DESC.
	18	If the starting symbol does not identify any operator and the operands conform to
		the returning field syntax, then correct this operator to RETURN.
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