Table 1: Simulink mutation operators that cannot be used in SimuBERT, along with the reasons why these operators cannot be automated using SimuBERT

Mutation ID	Mutation operators	Corresponding reasons	References
1	Insert absolute value operator	SimuBERT cannot insert blocks.	[2]
2	Disable or create connections between blocks.	SimuBERT only performs mutations inside blocks.	[1]
3	Statement Swap Operator	SimuBERT only performs mutations inside blocks individually. Thus, it cannot operate on multiple blocks.	[3]
4	Scalar variable for array reference replacement	SimuBERT can only replace a scalar with a scalar or an array with an array.	[2]
5	Block Removal Operator	SimuBERT only performs mutations inside the blocks. Thus cannot remove a whole block.	[3]

References

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