## Table 3: Model-checking results for temporal properties derived from RRTRouter requirements $R_1$ and $R_2$

## (a) Results for temporal properties derived from R<sub>1</sub>

	Learning set	1st			2nd			Top-2		
		Low	Med	High	Low	Med	High	Low	Med	High
$G(Attack \wedge S \implies X(W \vee TW))$	DoS5	×	<b>√</b>	v	×	<b>√</b>	v	×	<b>√</b>	v
	DDoS	×	✓	v	×	✓	v	×	✓	v
$G(Attack \wedge W \implies X(A \vee TA))$	DoS5	v	×	<b>√</b>	v	✓	<b>√</b>	v	×	<b>√</b>
	DDoS	v	×	<b>✓</b>	v	×	<b>√</b>	v	×	✓
$G(Attack \wedge A \implies X(A \vee TA))$	DoS5	v	×	<b>/</b>	v	✓	/	v	×	<b>√</b>
	DDoS	v	×	<b>✓</b>	v	×	<b>√</b>	v	×	<b>√</b>

## (b) Results for temporal properties derived from R2

	Learning set	1st			2nd			Top-2		
		Low	Med	High	Low	Med	High	Low	Med	High
$G(Normal \land S \implies X(S))$	DoS5	<b>_</b>	v	v	<b>✓</b>	v	v	<b>✓</b>	v	v
	DDoS	✓	v	v	<b>✓</b>	v	v	✓	v	v
$G(Normal \wedge W \implies X(S))$	DoS5	✓	×	v	<b>✓</b>	×	v	✓	×	v
	DDoS	v	×	v	<b>✓</b>	×	v	✓	×	v
$G(Normal \land A \implies X (W \lor TW))$	DoS5	v	v	v	v	v	v	v	v	v
	DDoS	v	v	v	v	v	v	v	v	v