

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

**(a) Results for temporal properties derived from  $R_1$**

	Learning set	1st			2nd			Top-2		
		Low	Med	High	Low	Med	High	Low	Med	High
$G(\text{Attack} \wedge S \implies X(W \vee TW))$	DoS5	x	✓	v	x	✓	v	x	✓	v
	DDoS	x	✓	v	x	✓	v	x	✓	v
$G(\text{Attack} \wedge W \implies X(A \vee TA))$	DoS5	v	x	✓	v	✓	✓	v	x	✓
	DDoS	v	x	✓	v	x	✓	v	x	✓
$G(\text{Attack} \wedge A \implies X(A \vee TA))$	DoS5	v	x	✓	v	✓	✓	v	x	✓
	DDoS	v	x	✓	v	x	✓	v	x	✓

**(b) Results for temporal properties derived from  $R_2$**

[illegible]