

Table 1: Detailed results for ISO 9798-3-4 - Nonces, keys and randomized primitives - NR-S

Case	Nonce	IA_A	IA_B	NIA_A	NIA_B
No misgeneration	N/A	✓	✓	✓	✓
Leak Always	$R_B$	✓	✓	✓	✓
Leak Always	$R_A$	✓	✓	✓	✓
Leak Always	$n_1$	✗	✗	✗	✗
Leak Always	$n_2$	✗	✗	✗	✗
Reuse Always	$R_B$	✓	✗	✓	✓
Reuse Always	$R_A$	✗	✓	✓	✓
Reuse Always	$n_1$	✗	✗	✗	✗
Reuse Always	$n_2$	✗	✗	✗	✗
Reuse Once	$R_B = R_B$	✓	✗	✓	✓
Reuse Once	$R_B = R_A$	✓	✓	✓	✓
Reuse Once	$R_B = n_1$	✗	✗	✗	✗
Reuse Once	$R_B = n_2$	✗	✗	✗	✗
Reuse Once	$R_A = R_A$	✗	✓	✓	✓
Reuse Once	$R_A = n_1$	✗	✗	✗	✗
Reuse Once	$R_A = n_2$	✗	✗	✗	✗
Reuse Once	$n_1 = n_1$	✗	✗	✗	✗
Reuse Once	$n_1 = n_2$	✗	✗	✗	✗
Reuse Once	$n_2 = n_2$	✗	✗	✗	✗