Table 1: Statistical comparison between each pair of `CRAG` configurations in terms of *#fail*. (Legend. ≡: no significant difference between the two approaches. ✓: the approach on the row is *better* than the one on column, ✗ means that it is worse; the number of symbols identifies the strength of the difference: *negligible* (✓, ✗), *small* (✓✓, ✗✗), *medium* (✓✓✓, ✗✗✗), *large* (✓✓✓✓, ✗✗✗✗))

(a) Random search (*RndSearch*)

	$S4N4M4RS_{min}0.2RS_{max}1.5$	$S4N4M4RS_{min}0.2RS_{max}2$	$S4N4M4RS_{min}0.6RS_{max}1.5$	$S4N4M4RS_{min}0.6RS_{max}2$	$S4N4M5RS_{min}0.2RS_{max}1.5$	$S4N4M5RS_{min}0.2RS_{max}2$	$S4N4M5RS_{min}0.6RS_{max}1.5$	$S4N4M5RS_{min}0.6RS_{max}2$	$S5N5M4RS_{min}0.2RS_{max}1.5$	$S5N5M4RS_{min}0.2RS_{max}2$	$S5N5M4RS_{min}0.6RS_{max}1.5$	$S5N5M4RS_{min}0.6RS_{max}2$	$S5N5M5RS_{min}0.2RS_{max}1.5$	$S5N5M5RS_{min}0.2RS_{max}2$	$S5N5M5RS_{min}0.6RS_{max}1.5$	$S5N5M5RS_{min}0.6RS_{max}2$
$S4N4M4RS_{min}0.2RS_{max}1.5$	–	≡	✗✗✗	≡	≡	≡	≡	≡	≡	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗	✗✗✗✗	✗✗✗✗
$S4N4M4RS_{min}0.2RS_{max}2$	≡	–	✗✗✗✗	≡	✗✗✗	≡	✗✗✗✗	✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗
$S4N4M4RS_{min}0.6RS_{max}1.5$	✓✓✓	✓✓✓✓	–	✓✓✓	≡	✓✓✓✓	≡	≡	≡	≡	✗✗✗✗	✗✗✗	≡	≡	✗✗✗✗	✗✗✗
$S4N4M4RS_{min}0.6RS_{max}2$	≡	≡	✗✗✗	–	≡	≡	✗✗✗	≡	✗✗✗	✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗	✗✗✗✗	✗✗✗✗
$S4N4M5RS_{min}0.2RS_{max}1.5$	≡	✓✓✓	≡	≡	–	≡	≡	≡	≡	≡	✗✗✗✗	✗✗✗✗	✗✗✗	≡	✗✗✗✗	✗✗✗✗
$S4N4M5RS_{min}0.2RS_{max}2$	≡	≡	✗✗✗✗	≡	≡	–	✗✗✗	≡	✗✗✗	✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗	✗✗✗✗	✗✗✗✗
$S4N4M5RS_{min}0.6RS_{max}1.5$	≡	✓✓✓✓	≡	✓✓✓	≡	✓✓✓	–	≡	≡	≡	✗✗✗✗	✗✗✗✗	≡	≡	✗✗✗✗	✗✗✗✗
$S4N4M5RS_{min}0.6RS_{max}2$	≡	✓✓✓	≡	≡	≡	≡	≡	–	≡	≡	✗✗✗✗	✗✗✗✗	✗✗✗	≡	✗✗✗✗	✗✗✗✗
$S5N5M4RS_{min}0.2RS_{max}1.5$	≡	✓✓✓✓	≡	✓✓✓	≡	✓✓✓	≡	≡	–	≡	✗✗✗✗	✗✗✗✗	≡	≡	✗✗✗✗	✗✗✗✗
$S5N5M4RS_{min}0.2RS_{max}2$	≡	✓✓✓✓	≡	✓✓✓	≡	✓✓✓	≡	≡	≡	–	✗✗✗✗	✗✗✗	≡	≡	✗✗✗✗	✗✗✗
$S5N5M4RS_{min}0.6RS_{max}1.5$	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	–	≡	✓✓✓✓	✓✓✓✓	≡	≡
$S5N5M4RS_{min}0.6RS_{max}2$	✓✓✓✓	✓✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓	≡	–	✓✓✓	✓✓✓	≡	≡
$S5N5M5RS_{min}0.2RS_{max}1.5$	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓	✓✓✓✓	≡	✓✓✓	≡	≡	✗✗✗✗	✗✗✗	–	≡	✗✗✗✗	≡
$S5N5M5RS_{min}0.2RS_{max}2$	✓✓✓	✓✓✓✓	≡	✓✓✓	≡	✓✓✓	≡	≡	≡	≡	✗✗✗✗	✗✗✗	≡	–	✗✗✗✗	✗✗✗
$S5N5M5RS_{min}0.6RS_{max}1.5$	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	≡	✓✓✓✓	✓✓✓✓	–	≡
$S5N5M5RS_{min}0.6RS_{max}2$	✓✓✓✓	✓✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓	≡	≡	≡	✓✓✓	≡	–

(b) *(1+1)–EA*

	$S4N4M4RS_{min}0.2RS_{max}1.5$	$S4N4M4RS_{min}0.2RS_{max}2$	$S4N4M4RS_{min}0.6RS_{max}1.5$	$S4N4M4RS_{min}0.6RS_{max}2$	$S4N4M5RS_{min}0.2RS_{max}1.5$	$S4N4M5RS_{min}0.2RS_{max}2$	$S4N4M5RS_{min}0.6RS_{max}1.5$	$S4N4M5RS_{min}0.6RS_{max}2$	$S5N5M4RS_{min}0.2RS_{max}1.5$	$S5N5M4RS_{min}0.2RS_{max}2$	$S5N5M4RS_{min}0.6RS_{max}1.5$	$S5N5M4RS_{min}0.6RS_{max}2$	$S5N5M5RS_{min}0.2RS_{max}1.5$	$S5N5M5RS_{min}0.2RS_{max}2$	$S5N5M5RS_{min}0.6RS_{max}1.5$	$S5N5M5RS_{min}0.6RS_{max}2$
$S4N4M4RS_{min}0.2RS_{max}1.5$	–	≡	✗✗✗	≡	≡	≡	✗✗✗✗	≡	≡	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗
$S4N4M4RS_{min}0.2RS_{max}2$	≡	–	✗✗✗✗	✗✗✗	✗✗✗	≡	✗✗✗✗	✗✗✗	✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗
$S4N4M4RS_{min}0.6RS_{max}1.5$	✓✓✓	✓✓✓✓	–	≡	≡	✓✓✓✓	≡	≡	≡	≡	✗✗✗✗	≡	≡	≡	✗✗✗	✗✗✗
$S4N4M4RS_{min}0.6RS_{max}2$	≡	✓✓✓	≡	–	≡	✓✓✓	≡	≡	≡	≡	✗✗✗✗	✗✗✗✗	✗✗✗	≡	✗✗✗✗	✗✗✗✗
$S4N4M5RS_{min}0.2RS_{max}1.5$	≡	✓✓✓	≡	≡	–	≡	✗✗✗	≡	≡	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗
$S4N4M5RS_{min}0.2RS_{max}2$	≡	≡	✗✗✗✗	✗✗✗	≡	–	✗✗✗✗	≡	✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗	✗✗✗✗	✗✗✗✗
$S4N4M5RS_{min}0.6RS_{max}1.5$	✓✓✓✓	✓✓✓✓	≡	≡	✓✓✓	✓✓✓✓	–	✓✓✓	≡	≡	✗✗✗	≡	≡	≡	≡	≡
$S4N4M5RS_{min}0.6RS_{max}2$	≡	✓✓✓	≡	≡	≡	≡	✗✗✗	–	≡	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗
$S5N5M4RS_{min}0.2RS_{max}1.5$	≡	✓✓✓	≡	≡	≡	✓✓✓	≡	≡	–	≡	✗✗✗✗	✗✗✗	✗✗✗	≡	✗✗✗✗	✗✗✗
$S5N5M4RS_{min}0.2RS_{max}2$	≡	✓✓✓✓	≡	≡	≡	✓✓✓✓	≡	≡	≡	–	✗✗✗✗	≡	≡	≡	✗✗✗	✗✗✗
$S5N5M4RS_{min}0.6RS_{max}1.5$	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	–	≡	✓✓✓	✓✓✓✓	≡	≡
$S5N5M4RS_{min}0.6RS_{max}2$	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓	≡	≡	–	≡	✓✓✓	≡	≡
$S5N5M5RS_{min}0.2RS_{max}1.5$	✓✓✓✓	✓✓✓✓	≡	✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓	≡	✗✗✗	≡	–	✓✓✓	≡	≡
$S5N5M5RS_{min}0.2RS_{max}2$	≡	✓✓✓✓	≡	≡	≡	✓✓✓	≡	≡	≡	≡	✗✗✗✗	✗✗✗	✗✗✗	–	✗✗✗✗	✗✗✗✗
$S5N5M5RS_{min}0.6RS_{max}1.5$	✓✓✓✓	✓✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓	≡	≡	≡	✓✓✓✓	–	≡
$S5N5M5RS_{min}0.6RS_{max}2$	✓✓✓✓	✓✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓	✓✓✓	≡	≡	≡	✓✓✓✓	≡	–

Table 2: Statistical comparison between each pair of CRAG configurations in terms of $|Tests|$. (Legend. ≡: no significant difference between the two approaches. ✓: the approach on the row is *better* than the one on column, ✗ means that it is worse; the number of symbols identifies the strength of the difference: *negligible* (✓, ✗), *small* (✓✓, ✗✗), *medium* (✓✓✓, ✗✗✗), *large* (✓✓✓✓, ✗✗✗✗))

(a) Random search (*RndSearch*)

	$S4N4M4RS_{min}0.2RS_{max}1.5$	$S4N4M4RS_{min}0.2RS_{max}2$	$S4N4M4RS_{min}0.6RS_{max}1.5$	$S4N4M4RS_{min}0.6RS_{max}2$	$S4N4M5RS_{min}0.2RS_{max}1.5$	$S4N4M5RS_{min}0.2RS_{max}2$	$S4N4M5RS_{min}0.6RS_{max}1.5$	$S4N4M5RS_{min}0.6RS_{max}2$	$S5N5M4RS_{min}0.2RS_{max}1.5$	$S5N5M4RS_{min}0.2RS_{max}2$	$S5N5M4RS_{min}0.6RS_{max}1.5$	$S5N5M4RS_{min}0.6RS_{max}2$	$S5N5M5RS_{min}0.2RS_{max}1.5$	$S5N5M5RS_{min}0.2RS_{max}2$	$S5N5M5RS_{min}0.6RS_{max}1.5$	$S5N5M5RS_{min}0.6RS_{max}2$
$S4N4M4RS_{min}0.2RS_{max}1.5$	–	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓
$S4N4M4RS_{min}0.2RS_{max}2$	✗✗✗✗	–	✓✓✓	✓✓✓✓	✗✗✗✗	≡	✓✓✓	✓✓✓✓	✗✗✗✗	≡	✓✓✓	✓✓✓✓	✗✗✗✗	✓✓✓	≡	✓✓✓✓
$S4N4M4RS_{min}0.6RS_{max}1.5$	✗✗✗✗	✗✗✗	–	✓✓✓✓	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓
$S4N4M4RS_{min}0.6RS_{max}2$	✗✗✗✗	✗✗✗✗	✗✗✗✗	–	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡
$S4N4M5RS_{min}0.2RS_{max}1.5$	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	–	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓
$S4N4M5RS_{min}0.2RS_{max}2$	✗✗✗✗	≡	✓✓✓	✓✓✓✓	✗✗✗✗	–	✓✓✓✓	✓✓✓✓	✗✗✗✗	✓✓✓	✓✓✓	✓✓✓✓	✗✗✗✗	✓✓✓	✓✓✓	✓✓✓✓
$S4N4M5RS_{min}0.6RS_{max}1.5$	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	✗✗✗✗	–	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓
$S4N4M5RS_{min}0.6RS_{max}2$	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	–	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡
$S5N5M4RS_{min}0.2RS_{max}1.5$	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	–	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓
$S5N5M4RS_{min}0.2RS_{max}2$	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	–	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓
$S5N5M4RS_{min}0.6RS_{max}1.5$	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	≡	–	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓
$S5N5M4RS_{min}0.6RS_{max}2$	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	–	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡
$S5N5M5RS_{min}0.2RS_{max}1.5$	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	–	✓✓✓✓	✓✓✓✓	✓✓✓✓
$S5N5M5RS_{min}0.2RS_{max}2$	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	–	≡	✓✓✓✓
$S5N5M5RS_{min}0.6RS_{max}1.5$	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	–	✓✓✓✓
$S5N5M5RS_{min}0.6RS_{max}2$	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	–

(b) *(1+1)–EA*

	$S4N4M4RS_{min}0.2RS_{max}1.5$	$S4N4M4RS_{min}0.2RS_{max}2$	$S4N4M4RS_{min}0.6RS_{max}1.5$	$S4N4M4RS_{min}0.6RS_{max}2$	$S4N4M5RS_{min}0.2RS_{max}1.5$	$S4N4M5RS_{min}0.2RS_{max}2$	$S4N4M5RS_{min}0.6RS_{max}1.5$	$S4N4M5RS_{min}0.6RS_{max}2$	$S5N5M4RS_{min}0.2RS_{max}1.5$	$S5N5M4RS_{min}0.2RS_{max}2$	$S5N5M4RS_{min}0.6RS_{max}1.5$	$S5N5M4RS_{min}0.6RS_{max}2$	$S5N5M5RS_{min}0.2RS_{max}1.5$	$S5N5M5RS_{min}0.2RS_{max}2$	$S5N5M5RS_{min}0.6RS_{max}1.5$	$S5N5M5RS_{min}0.6RS_{max}2$
$S4N4M4RS_{min}0.2RS_{max}1.5$	–	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓
$S4N4M4RS_{min}0.2RS_{max}2$	✗✗✗✗	–	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	✓✓✓	✓✓✓✓	✗✗✗✗	≡	✓✓✓	✓✓✓✓
$S4N4M4RS_{min}0.6RS_{max}1.5$	✗✗✗✗	≡	–	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓
$S4N4M4RS_{min}0.6RS_{max}2$	✗✗✗✗	✗✗✗✗	✗✗✗✗	–	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	✓✓✓✓	✗✗✗✗	✗✗✗✗	✗✗✗✗	✓✓✓✓
$S4N4M5RS_{min}0.2RS_{max}1.5$	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	–	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓
$S4N4M5RS_{min}0.2RS_{max}2$	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	–	≡	✓✓✓✓	✗✗✗✗	≡	✓✓✓	✓✓✓✓	✗✗✗✗	≡	✓✓✓	✓✓✓✓
$S4N4M5RS_{min}0.6RS_{max}1.5$	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	–	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓
$S4N4M5RS_{min}0.6RS_{max}2$	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	–	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	✓✓✓
$S5N5M4RS_{min}0.2RS_{max}1.5$	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	–	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓
$S5N5M4RS_{min}0.2RS_{max}2$	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	–	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓
$S5N5M4RS_{min}0.6RS_{max}1.5$	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	≡	–	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓
$S5N5M4RS_{min}0.6RS_{max}2$	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	–	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡
$S5N5M5RS_{min}0.2RS_{max}1.5$	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	≡	✓✓✓✓	✓✓✓✓	✓✓✓✓	–	✓✓✓✓	✓✓✓✓	✓✓✓✓
$S5N5M5RS_{min}0.2RS_{max}2$	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	–	≡	✓✓✓✓
$S5N5M5RS_{min}0.6RS_{max}1.5$	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	✗✗✗	≡	✓✓✓✓	✗✗✗✗	≡	≡	✓✓✓✓	✗✗✗✗	≡	–	✓✓✓✓
$S5N5M5RS_{min}0.6RS_{max}2$	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗	✗✗✗✗	✗✗✗✗	✗✗✗✗	≡	✗✗✗✗	✗✗✗✗	✗✗✗✗	–

Table 3: Statistical comparison between each pair of CRAG configurations in terms of *div*. (Legend. ≡: no significant difference between the two approaches. ✓: the approach on the row is *better* than the one on column, ✗ means that it is worse; the number of symbols identifies the strength of the difference: *negligible* (✓, ✗), *small* (✓✓, ✗✗), *medium* (✓✓✓, ✗✗✗), *large* (✓✓✓✓, ✗✗✗✗))

(a) Random search (*RndSearch*)

	$S4N4M4RS_{min}0.2RS_{max}1.5$	$S4N4M4RS_{min}0.2RS_{max}2$	$S4N4M4RS_{min}0.6RS_{max}1.5$	$S4N4M4RS_{min}0.6RS_{max}2$	$S4N4M5RS_{min}0.2RS_{max}1.5$	$S4N4M5RS_{min}0.2RS_{max}2$	$S4N4M5RS_{min}0.6RS_{max}1.5$	$S4N4M5RS_{min}0.6RS_{max}2$	$S5N5M4RS_{min}0.2RS_{max}1.5$	$S5N5M4RS_{min}0.2RS_{max}2$	$S5N5M4RS_{min}0.6RS_{max}1.5$	$S5N5M4RS_{min}0.6RS_{max}2$	$S5N5M5RS_{min}0.2RS_{max}1.5$	$S5N5M5RS_{min}0.2RS_{max}2$	$S5N5M5RS_{min}0.6RS_{max}1.5$	$S5N5M5RS_{min}0.6RS_{max}2$
$S4N4M4RS_{min}0.2RS_{max}1.5$	–	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M4RS_{min}0.2RS_{max}2$	≡	–	≡	≡	✗✗✗	✗✗✗	≡	✗✗✗	≡	✗✗✗	≡	≡	≡	≡	≡	≡
$S4N4M4RS_{min}0.6RS_{max}1.5$	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M4RS_{min}0.6RS_{max}2$	≡	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M5RS_{min}0.2RS_{max}1.5$	≡	✓✓✓	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	✓✓✓	✓✓✓	✓✓✓	
$S4N4M5RS_{min}0.2RS_{max}2$	≡	✓✓✓	≡	≡	≡	–	≡	≡	≡	≡	✓✓✓	≡	≡	✓✓✓	✓✓✓	✓✓✓
$S4N4M5RS_{min}0.6RS_{max}1.5$	≡	≡	≡	≡	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M5RS_{min}0.6RS_{max}2$	≡	✓✓✓	≡	≡	≡	≡	≡	–	≡	≡	≡	≡	✓✓✓	✓✓✓	✓✓✓	
$S5N5M4RS_{min}0.2RS_{max}1.5$	≡	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	≡	≡	≡	≡	≡
$S5N5M4RS_{min}0.2RS_{max}2$	≡	✓✓✓	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	✓✓✓	✓✓✓	✓✓✓	
$S5N5M4RS_{min}0.6RS_{max}1.5$	≡	≡	≡	≡	≡	✗✗✗	≡	≡	≡	≡	–	≡	≡	≡	≡	≡
$S5N5M4RS_{min}0.6RS_{max}2$	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	≡	≡
$S5N5M5RS_{min}0.2RS_{max}1.5$	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	≡
$S5N5M5RS_{min}0.2RS_{max}2$	≡	≡	≡	≡	✗✗✗	✗✗✗	≡	✗✗✗	≡	✗✗✗	≡	≡	≡	–	≡	≡
$S5N5M5RS_{min}0.6RS_{max}1.5$	≡	≡	≡	≡	✗✗✗	✗✗✗	≡	✗✗✗	≡	✗✗✗	≡	≡	≡	≡	–	≡
$S5N5M5RS_{min}0.6RS_{max}2$	≡	≡	≡	≡	✗✗✗	✗✗✗	≡	✗✗✗	≡	✗✗✗	≡	≡	≡	≡	≡	–

(b) *(1+1)–EA*

	$S4N4M4RS_{min}0.2RS_{max}1.5$	$S4N4M4RS_{min}0.2RS_{max}2$	$S4N4M4RS_{min}0.6RS_{max}1.5$	$S4N4M4RS_{min}0.6RS_{max}2$	$S4N4M5RS_{min}0.2RS_{max}1.5$	$S4N4M5RS_{min}0.2RS_{max}2$	$S4N4M5RS_{min}0.6RS_{max}1.5$	$S4N4M5RS_{min}0.6RS_{max}2$	$S5N5M4RS_{min}0.2RS_{max}1.5$	$S5N5M4RS_{min}0.2RS_{max}2$	$S5N5M4RS_{min}0.6RS_{max}1.5$	$S5N5M4RS_{min}0.6RS_{max}2$	$S5N5M5RS_{min}0.2RS_{max}1.5$	$S5N5M5RS_{min}0.2RS_{max}2$	$S5N5M5RS_{min}0.6RS_{max}1.5$	$S5N5M5RS_{min}0.6RS_{max}2$
$S4N4M4RS_{min}0.2RS_{max}1.5$	–	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M4RS_{min}0.2RS_{max}2$	≡	–	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M4RS_{min}0.6RS_{max}1.5$	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M4RS_{min}0.6RS_{max}2$	≡	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M5RS_{min}0.2RS_{max}1.5$	≡	≡	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M5RS_{min}0.2RS_{max}2$	≡	≡	≡	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M5RS_{min}0.6RS_{max}1.5$	≡	≡	≡	≡	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	≡	≡
$S4N4M5RS_{min}0.6RS_{max}2$	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	≡	≡	≡	≡	≡	≡
$S5N5M4RS_{min}0.2RS_{max}1.5$	≡	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	≡	≡	≡	≡	≡
$S5N5M4RS_{min}0.2RS_{max}2$	≡	≡	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	≡	≡	≡	≡
$S5N5M4RS_{min}0.6RS_{max}1.5$	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	≡	≡	≡
$S5N5M4RS_{min}0.6RS_{max}2$	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	≡	≡
$S5N5M5RS_{min}0.2RS_{max}1.5$	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	–	≡	≡	≡
$S5N5M5RS_{min}0.2RS_{max}2$	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	–	≡	≡
$S5N5M5RS_{min}0.6RS_{max}1.5$	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	–	≡
$S5N5M5RS_{min}0.6RS_{max}2$	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	–

Table 4: Statistical comparison between *(1+1)–EA* and random search (*RndSearch*) used in `CRAG`. (Legend. ≡: no significant difference between the two search algorithms. ✓: *(1+1)–EA* is *better* than *RndSearch*, ✗ means that it is worse; the number of symbols identifies the strength of the difference: *negligible* (✓, ✗), *small* (✓✓, ✗✗), *medium* (✓✓✓, ✗✗✗), *large* (✓✓✓✓, ✗✗✗✗))

(a) *#fail*

≡	$S4N4M4RS_{min}0.2RS_{max}1.5$
≡	$S4N4M4RS_{min}0.2RS_{max}2$
≡	$S4N4M4RS_{min}0.6RS_{max}1.5$
✓✓✓	$S4N4M4RS_{min}0.6RS_{max}2$
≡	$S4N4M5RS_{min}0.2RS_{max}1.5$
≡	$S4N4M5RS_{min}0.2RS_{max}2$
✓✓✓	$S4N4M5RS_{min}0.6RS_{max}1.5$
≡	$S4N4M5RS_{min}0.6RS_{max}2$
≡	$S5N5M4RS_{min}0.2RS_{max}1.5$
≡	$S5N5M4RS_{min}0.2RS_{max}2$
≡	$S5N5M4RS_{min}0.6RS_{max}1.5$
≡	$S5N5M4RS_{min}0.6RS_{max}2$
≡	$S5N5M5RS_{min}0.2RS_{max}1.5$
≡	$S5N5M5RS_{min}0.2RS_{max}2$
≡	$S5N5M5RS_{min}0.6RS_{max}1.5$
≡	$S5N5M5RS_{min}0.6RS_{max}2$

(b) $|Tests|$

≡	$S4N4M4RS_{min}0.2RS_{max}1.5$
≡	$S4N4M4RS_{min}0.2RS_{max}2$
≡	$S4N4M4RS_{min}0.6RS_{max}1.5$
≡	$S4N4M4RS_{min}0.6RS_{max}2$
≡	$S4N4M5RS_{min}0.2RS_{max}1.5$
≡	$S4N4M5RS_{min}0.2RS_{max}2$
≡	$S4N4M5RS_{min}0.6RS_{max}1.5$
≡	$S4N4M5RS_{min}0.6RS_{max}2$
≡	$S5N5M4RS_{min}0.2RS_{max}1.5$
≡	$S5N5M4RS_{min}0.2RS_{max}2$
≡	$S5N5M4RS_{min}0.6RS_{max}1.5$
≡	$S5N5M4RS_{min}0.6RS_{max}2$
≡	$S5N5M5RS_{min}0.2RS_{max}1.5$
≡	$S5N5M5RS_{min}0.2RS_{max}2$
≡	$S5N5M5RS_{min}0.6RS_{max}1.5$
≡	$S5N5M5RS_{min}0.6RS_{max}2$

(c) *div*

≡	$S4N4M4RS_{min}0.2RS_{max}1.5$
≡	$S4N4M4RS_{min}0.2RS_{max}2$
≡	$S4N4M4RS_{min}0.6RS_{max}1.5$
≡	$S4N4M4RS_{min}0.6RS_{max}2$
≡	$S4N4M5RS_{min}0.2RS_{max}1.5$
✗✗✗	$S4N4M5RS_{min}0.2RS_{max}2$
≡	$S4N4M5RS_{min}0.6RS_{max}1.5$
✗✗✗	$S4N4M5RS_{min}0.6RS_{max}2$
≡	$S5N5M4RS_{min}0.2RS_{max}1.5$
≡	$S5N5M4RS_{min}0.2RS_{max}2$
≡	$S5N5M4RS_{min}0.6RS_{max}1.5$
≡	$S5N5M4RS_{min}0.6RS_{max}2$
≡	$S5N5M5RS_{min}0.2RS_{max}1.5$
≡	$S5N5M5RS_{min}0.2RS_{max}2$
≡	$S5N5M5RS_{min}0.6RS_{max}1.5$
≡	$S5N5M5RS_{min}0.6RS_{max}2$