## 1 makespan ratio

Problem set	c	Random	Surroundings		Longest first	Forwards looking		king
		R	N-LF	$_{ m LF}$	R	N-LF	$\mathbf{R}$	LF
Berlin	30	0.70%	0.89%	0.92%	0.17%	1.99%	1.30%	0.16%
	50	1.30%	0.44%	0.81%	0.12%	1.38%	1.20%	0.40%
	70	1.99%	0.44%	0.81%	<b>0.12</b> %	1.38%	0.78%	0.40%
Crossing	30	3.46%	4.07%	1.92%	0.13%	2.06%	1.34%	0.47%
	50	2.06%	4.16%	2.75%	1.08%	2.41%	0.76%	0.86%
	70	2.94%	4.21%	2.80%	0.63%	2.41%	1.29%	1.06%
Corridor	30	1.56%	1.20%	0.38%	0.37%	0.88%	0.50%	0.17%
	50	0.07%	0.04%	0.04%	0.04%	0.29%	0.10%	0.04%
	70	0.35%	0.04%	0.04%	0.04%	0.29%	0.10%	0.04%
Multi-	30	3.93%	3.61%	1.84%	1.89%	2.62%	2.96%	2.39%
corridor	50	3.60%	3.61%	$\boldsymbol{1.63\%}$	1.82%	2.76%	2.77%	2.52%
	70	3.25%	3.69%	$\boldsymbol{1.62\%}$	1.76%	2.73%	2.80%	2.36%
Clutter	30	0.84%	0.39%	0.59%	0.16%	0.48%	0.35%	0.17%
	50	0.56%	0.46%	0.53%	<b>0.20</b> %	0.41%	0.31%	0.29%
	70	0.60%	0.53%	0.46%	$\boldsymbol{0.22\%}$	0.39%	0.24%	0.23%

## 2 flowtime ratio

Problem set	c	Random	Surroundings		Longest first	Forwards looking		king
		R	N-LF	$_{ m LF}$	R	N-LF	$\mathbf{R}$	$_{ m LF}$
Berlin	30	3.23%	3.93%	3.31%	3.92%	4.07%	3.04%	3.23%
	50	3.19%	3.78%	3.83%	3.91%	3.52%	$\boldsymbol{2.55\%}$	3.15%
	70	3.49%	3.78%	3.83%	3.92%	3.52%	$\boldsymbol{2.63\%}$	3.15%
Crossing	30	3.04%	3.62%	2.65%	2.71%	2.89%	2.84%	2.65%
	50	2.97%	3.26%	2.84%	3.08%	3.01%	2.87%	2.79%
	70	2.94%	3.22%	3.00%	2.99%	3.02%	2.82%	2.79%
Corridor	30	1.62%	1.80%	1.45%	1.58%	1.57%	0.82%	0.97%
	50	0.71%	1.34%	1.30%	1.31%	1.13%	0.58%	0.65%
	70	0.88%	1.29%	1.29%	1.34%	1.15%	$\boldsymbol{0.52\%}$	0.65%
Multi-	30	2.94%	4.01%	4.21%	4.37%	3.39%	2.99%	3.11%
corridor	50	2.82%	4.01%	4.14%	4.33%	3.37%	2.86%	3.12%
	70	3.15%	4.07%	4.19%	4.37%	3.39%	3.03%	3.10%
Clutter	30	1.02%	0.88%	0.84%	0.94%	1.01%	0.81%	0.86%
	50	0.80%	0.81%	0.86%	0.87%	0.86%	0.76%	0.79%
	70	0.71%	0.80%	0.77%	0.88%	0.82%	0.74%	0.76%

## 3 success

Problem set	$\mid c \mid \mid$	Random	Surroundings		Longest first	Forwards looking		
		R	N-LF	$_{ m LF}$	R	N-LF	$\mathbf{R}$	LF
Berlin	30	10.89%	52.48%	96.04%	91.09%	82.18%	97.03%	93.07%
	50	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	70	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Crossing	30	88.00%	82.00%	92.00%	94.00%	96.00%	100.00%	98.00%
	50	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	70	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Corridor	30	52.00%	74.00%	88.00%	92.00%	76.00%	92.00%	92.00%
	50	98.00%	$\boldsymbol{98.00\%}$	$\boldsymbol{98.00\%}$	98.00%	98.00%	100.00%	100.00%
	70	100.00%	$\boldsymbol{98.00\%}$	$\boldsymbol{98.00\%}$	98.00%	98.00%	100.00%	100.00%
Multi-	30	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	98.00%
corridor	50	100.00%	100.00%	100.00%	100.00%	100.00%	$\boldsymbol{98.00\%}$	98.00%
	70	100.00%	100.00%	100.00%	100.00%	100.00%	$\boldsymbol{98.00\%}$	98.00%
Clutter	30	82.45%	90.61%	97.55%	95.41%	94.39%	96.94%	96.22%
	50	99.00%	$\boldsymbol{98.30\%}$	99.60%	98.90%	99.20%	99.70%	99.70%
	70	99.50%	98.80%	99.70%	99.00%	99.30%	99.70%	99.70%