

Table 1: Policy cost comparison with PI and SFR based on the R dataset

$m$	$ \mathcal{N}_0 $	$L$		PI		SFR			Lookahead			
		$\theta$	Value	Exp. Obj. Func.	Avg. per Real. CPU	Exp. Obj. Func.	CPU	%PI	Exp. Obj. Func.	Avg. per Real. CPU	%SFR	%PI
2	10	0.75	374.9	727.7	0.1	736.9	0.1	1.3%	744.2	4.7	1.0%	2.3%
		1	499.9	315.9	0.1	413.2	0.2	30.8%	358.0	4.8	-13.4%	13.3%
		1.25	624.9	187.4	0.1	222.9	0.1	18.9%	192.8	4.7	-13.5%	2.9%
	15	0.75	564.9	1009.0	0.2	1024.2	0.2	1.5%	1029.0	19.2	0.5%	2.0%
		1	753.2	374.5	0.3	454.2	0.3	21.3%	434.1	21.4	-4.4%	15.9%
		1.25	941.5	253.6	0.2	259.1	0.2	2.2%	262.0	19.6	1.1%	3.3%
	20	0.75	813.6	1428.2	0.3	1462.5	0.3	2.4%	1473.5	58.4	0.8%	3.2%
		1	1084.8	485.9	0.6	565.3	0.9	16.3%	534.5	68.5	-5.5%	10.0%
		1.25	1356.1	272.9	0.4	326.8	0.3	19.7%	278.7	61.9	-14.7%	2.1%
3	10	0.75	255.4	784.2	0.2	802.8	0.2	2.4%	800.2	4.3	-0.3%	2.0%
		1	340.6	375.3	0.2	452.4	0.2	20.5%	415.5	4.4	-8.2%	10.7%
		1.25	425.7	221.0	0.2	257.5	0.2	16.5%	250.0	4.3	-2.9%	13.1%
	15	0.75	381.7	1056.2	0.3	1118.3	0.4	5.9%	1105.4	20.3	-1.2%	4.7%
		1	508.8	419.7	0.9	535.0	0.4	27.5%	456.9	23.2	-14.6%	8.9%
		1.25	635.9	279.4	0.3	309.3	0.4	10.7%	293.6	20.5	-5.1%	5.1%
	20	0.75	547.4	1491.3	1.8	1535.5	2.8	3.0%	1563.6	74.6	1.8%	4.8%
		1	729.82	543.0	5.7	681.6	4.3	25.5%	621.1	154.1	-8.9%	14.4%
		1.25	912.3	304.7	2.4	465.2	0.6	52.7%	345.0	83.4	-25.8%	13.2%
4	10	0.75	195.8	839.9	0.3	875.6	0.2	4.2%	878.7	4.7	0.4%	4.6%
		1	261.1	433.6	0.4	552.3	0.7	27.4%	488.0	4.7	-11.6%	12.5%
		1.25	326.3	259.7	0.3	351.3	0.2	35.3%	313.7	4.4	-10.7%	20.8%
	15	0.75	290.3	1116.8	0.9	1186.8	0.8	6.3%	1174.3	25.1	-1.1%	5.2%
		1	387.1	481.0	4.0	640.4	1.3	33.2%	570.2	27.3	-11.0%	18.5%
		1.25	483.9	311.1	0.9	387.9	1.5	24.7%	358.6	29.4	-7.6%	15.3%
	20	0.75	414.7	1561.0	7.8	1595.5	6.4	2.2%	1612.3	98.9	1.1%	3.3%
		1	552.9	598.5	36.7	799.0	123.6	33.5%	679.2	281.2	-15.0%	13.5%
		1.25	691.1	339.9	21.0	427.6	4.0	25.8%	367.8	95.9	-14.0%	8.2%
Avg.				610.1		682.9	17.5%	651.9		-6.8%	8.7%	

Table 2: Policy cost comparison with PI and SFR based on C dataset

$m$	$ \mathcal{N}_0 $	$L$		PI		SFR			Lookahead				
		$\theta$	Value	Exp. Obj. Func.	Avg. per Real. CPU	Exp. Obj. Func.	CPU	%PI	Exp. Obj. Func.	Avg. per Real. CPU	%SFR	%PI	
2	10	0.75	337.9	584.7	0.2	631.8	0.2	8.1%	593.1	5.1	-6.1%	1.4%	
		1	450.5	204.3	0.2	252.1	0.2	23.4%	231.0	5.3	-8.4%	13.1%	
		1.25	563.2	88.6	0.2	156.5	0.2	76.5%	100.9	5.1	-35.5%	13.9%	
	15	0.75	525.2	827.7	0.4	911.5	0.3	10.1%	835.1	21.7	-8.4%	0.9%	
		1	700.2	249.5	0.7	322.6	0.3	29.3%	275.8	22.3	-14.5%	10.5%	
		1.25	875.3	140.5	0.3	234.3	0.3	66.7%	144.6	21.3	-38.3%	2.9%	
	20	0.75	767.5	1243.1	3.3	1267.6	2.2	2.0%	1258.6	74.2	-0.7%	1.3%	
		1	1023.4	360.1	5.7	438.0	15.8	21.6%	382.1	111.2	-12.8%	6.1%	
		1.25	1279.2	151.4	4.3	210.9	2.7	39.3%	167.3	80.4	-20.7%	10.5%	
	3	10	0.75	233.1	637.4	0.2	709.5	0.3	11.3%	644.8	4.5	-9.1%	1.2%
			1	310.8	244.9	0.3	318.2	0.3	29.9%	278.6	4.6	-12.4%	13.7%
			1.25	388.5	123.4	0.3	199.8	0.3	62.0%	159.2	5.3	-20.3%	29.0%
15		0.75	357.7	881.3	1.1	918.1	0.8	4.2%	898.1	20.0	-2.2%	1.9%	
		1	476.9	289.3	2.4	420.5	5.6	45.4%	361.4	31.5	-14.1%	24.9%	
		1.25	596.1	173.2	0.7	236.2	0.4	36.4%	184.7	21.8	-21.8%	6.6%	
20		0.75	519.2	1327.4	22.1	1430.2	13.8	7.7%	1411.3	141.6	-1.3%	6.3%	
		1	692.3	456.8	31.6	577.7	34.6	26.5%	505.5	245.7	-12.5%	10.7%	
		1.25	865.4	211.7	36.4	354.0	33.8	67.2%	261.6	382.5	-26.1%	23.6%	
4		10	0.75	180.7	694.4	0.4	739.8	0.3	6.5%	714.1	3.8	-3.5%	2.8%
			1	240.9	293.0	0.4	392.4	0.6	33.9%	333.4	4.2	-15.0%	13.8%
			1.25	301.1	157.8	0.3	215.6	0.3	36.7%	183.8	4.3	-14.8%	16.5%
	15	0.75	274.1	938.8	2.6	1017.7	1.9	8.4%	974.7	24.0	-4.2%	3.8%	
		1	365.5	343.5	14.1	507.2	4.4	47.7%	433.9	27.6	-14.5%	26.3%	
		1.25	456.8	210.2	1.4	383.6	0.8	82.4%	258.5	25.0	-32.6%	22.9%	
	20	0.75	395.3	1415.2	47.5	1594.5	74.0	12.7%	1565.9	363.0	-1.8%	10.7%	
		1	527.0	514.0	59.6	696.2	45.1	35.5%	589.8	226.6	-15.3%	14.8%	
		1.25	658.8	254.8	39.3	422.7	24.6	65.9%	316.7	404.3	-25.1%	24.3%	
	Avg.			482.1		576.3		33.2%	520.9		-14.5%	11.6%	

Table 3: Policy cost comparison with PI and SFR based on R dataset. Results are aggregated on the number of technicians.

$\theta$	$ \mathcal{N}_0 $	PI		SFR			Lookahead			
		Exp. Obj. Func.	Avg. per Real. CPU	Exp. Obj. Func.	CPU	%PI	Exp. Obj. Func.	Avg. per Real. CPU	%SFR	%PI
0.75	10	783.9	0.2	805.1	0.2	2.7%	807.7	4.6	0.3%	3.0%
	15	1060.7	0.5	1109.8	0.5	4.6%	1102.9	21.5	-0.6%	4.0%
	20	1493.5	3.3	1531.2	3.2	2.5%	1549.8	77.3	1.2%	3.8%
	<b>Avg</b>	<b>1112.7</b>	<b>1.3</b>	<b>1148.7</b>	<b>1.3</b>	<b>3.3%</b>	<b>1153.5</b>	<b>34.5</b>	<b>0.3%</b>	<b>3.6%</b>
1	10	374.9	0.2	472.6	0.3	26.1%	420.5	4.6	-11.0%	12.1%
	15	425.0	1.7	543.2	0.7	27.8%	487.1	24.0	-10.3%	14.6%
	20	542.5	14.3	682.0	42.9	25.7%	611.6	167.9	-10.3%	12.7%
	<b>Avg</b>	<b>447.5</b>	<b>5.4</b>	<b>565.9</b>	<b>14.6</b>	<b>26.5%</b>	<b>506.4</b>	<b>65.5</b>	<b>-10.6%</b>	<b>13.2%</b>
1.25	222.7	222.7	0.2	277.3	0.2	24.5%	252.2	4.5	-9.1%	13.2%
	281.4	281.4	0.5	318.8	0.7	13.3%	304.7	23.2	-4.4%	8.3%
	305.8	305.8	7.9	406.5	1.7	32.9%	330.5	80.4	-18.7%	8.1%
	<b>Avg</b>	<b>270.0</b>	<b>2.9</b>	<b>334.2</b>	<b>0.8</b>	<b>23.6%</b>	<b>295.8</b>	<b>36.0</b>	<b>-10.7%</b>	<b>9.9%</b>
<b>Total Avg</b>		<b>610.1</b>	<b>3.2</b>	<b>682.9</b>	<b>5.6</b>	<b>17.8%</b>	<b>651.9</b>	<b>45.3</b>	<b>-7.0%</b>	<b>8.9%</b>

Table 4: Policy cost comparison with PI and SFR based on C dataset. Results are aggregated on the number of technicians.

$\theta$	$ \mathcal{N}_0 $	PI		SFR			Lookahead			
		Exp. Obj. Func.	Avg. per Real. CPU	Exp. Obj. Func.	CPU	%PI	Exp. Obj. Func.	Avg. per Real. CPU	%SFR	%PI
0.75	10	638.8	0.3	693.7	0.3	8.6%	650.7	4.5	-6.2%	1.8%
	15	882.6	1.4	949.1	1.0	7.5%	902.7	21.9	-4.9%	2.3%
	20	1328.5	24.3	1430.8	30.0	7.7%	1411.9	192.9	-1.3%	6.3%
	<b>Avg</b>	<b>950.0</b>	<b>8.7</b>	<b>1024.5</b>	<b>10.4</b>	<b>7.9%</b>	<b>988.4</b>	<b>73.1</b>	<b>-4.1%</b>	<b>3.5%</b>
1	10	247.4	0.3	320.9	0.4	29.7%	281.0	4.7	-12.4%	13.6%
	15	294.1	5.8	416.8	3.4	41.7%	357.0	27.1	-14.3%	21.4%
	20	443.6	32.3	570.7	31.8	28.6%	492.5	194.5	-13.7%	11.0%
	<b>Avg</b>	<b>328.4</b>	<b>12.8</b>	<b>436.1</b>	<b>11.9</b>	<b>33.4%</b>	<b>376.8</b>	<b>75.5</b>	<b>-13.5%</b>	<b>15.3%</b>
1.25	10	123.2	0.3	190.6	0.3	54.7%	148.0	4.9	-22.4%	20.1%
	15	174.7	0.8	284.7	0.5	63.0%	195.9	22.7	-31.2%	12.2%
	20	206.0	26.7	329.2	20.4	59.8%	248.5	289.1	-24.5%	20.7%
	<b>Avg</b>	<b>168.0</b>	<b>9.2</b>	<b>268.2</b>	<b>7.0</b>	<b>59.2%</b>	<b>197.5</b>	<b>105.6</b>	<b>-26.1%</b>	<b>16.7%</b>
<b>Total Avg</b>		<b>482.1</b>	<b>10.2</b>	<b>576.3</b>	<b>9.8</b>	<b>33.5%</b>	<b>520.9</b>	<b>84.7</b>	<b>-14.6%</b>	<b>12.1%</b>