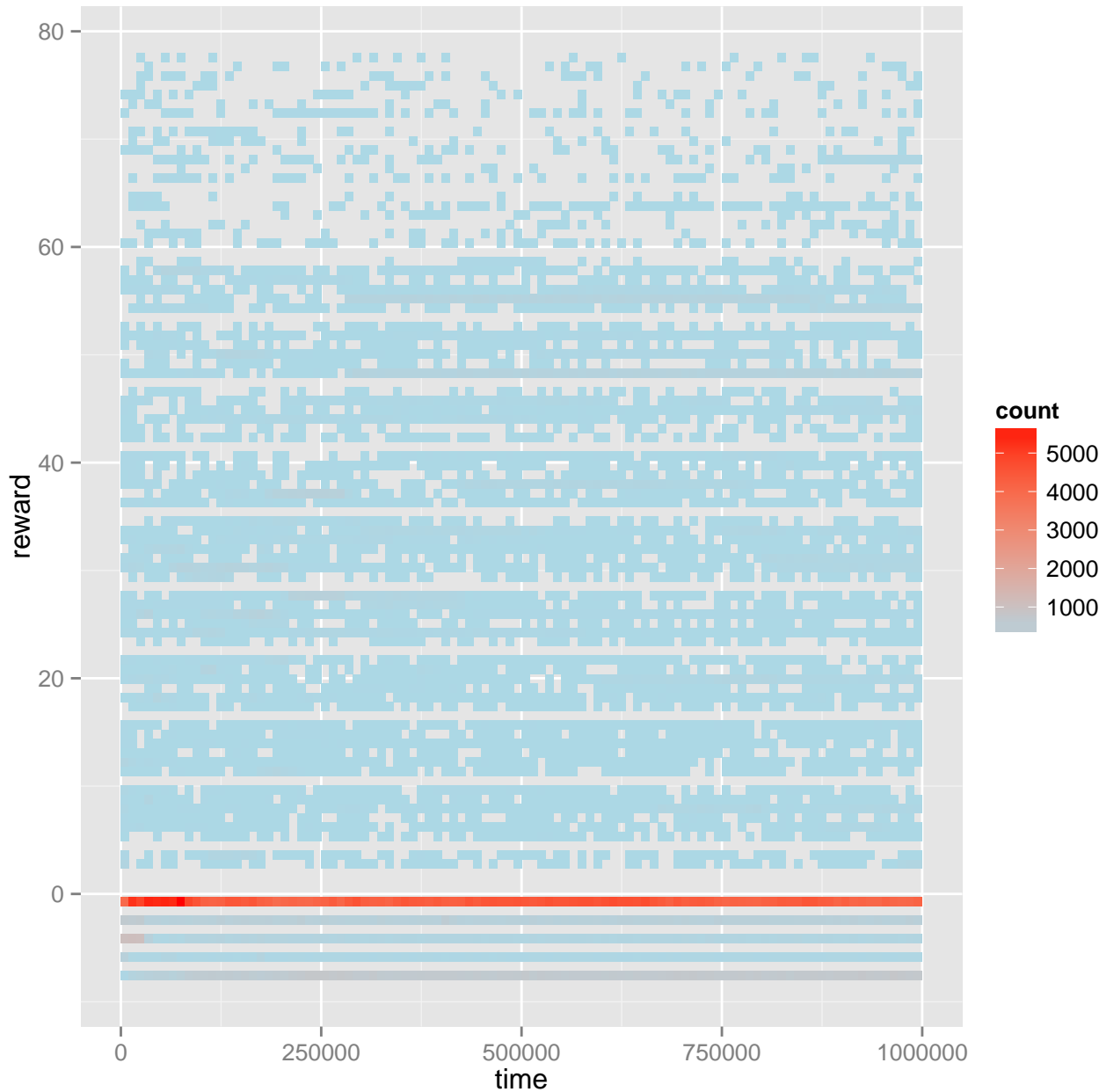


Variable Pricing

time	action	reward	busy_for
Min. : 1	wait : 5529	Min. : -8.0	Min. : 1.0
1st Qu.: 250001	drive: 211919	1st Qu.: -1.0	1st Qu.: 1.0
Median : 500000	offer: 436397	Median : -1.0	Median : 1.0
Mean : 500000	NA's : 346154	Mean : 3.9	Mean : 1.5
3rd Qu.: 750000		3rd Qu.: -1.0	3rd Qu.: 2.0
Max. : 999999		Max. : 78.0	Max. : 4.0
		NA's : 346154	NA's : 346154

location	destination	passenger	fare
2 : 42542	6 : 27479	declined: 208347	Min. : 5.0
1 : 27895	3 : 45222	accepted: 93272	1st Qu.: 48.0
5 : 59420	2 : 56238	NA's : 698380	Median : 60.0
3 : 121223	4 : 57715		Mean : 95.5
4 : 107542	1 : 59434		3rd Qu.: 132.0
6 : 295223	5 : 55531		Max. : 400.0
NA's: 346154	NA's: 698380		NA's : 698380

Observed rewards over time



Analysis of Variance Table

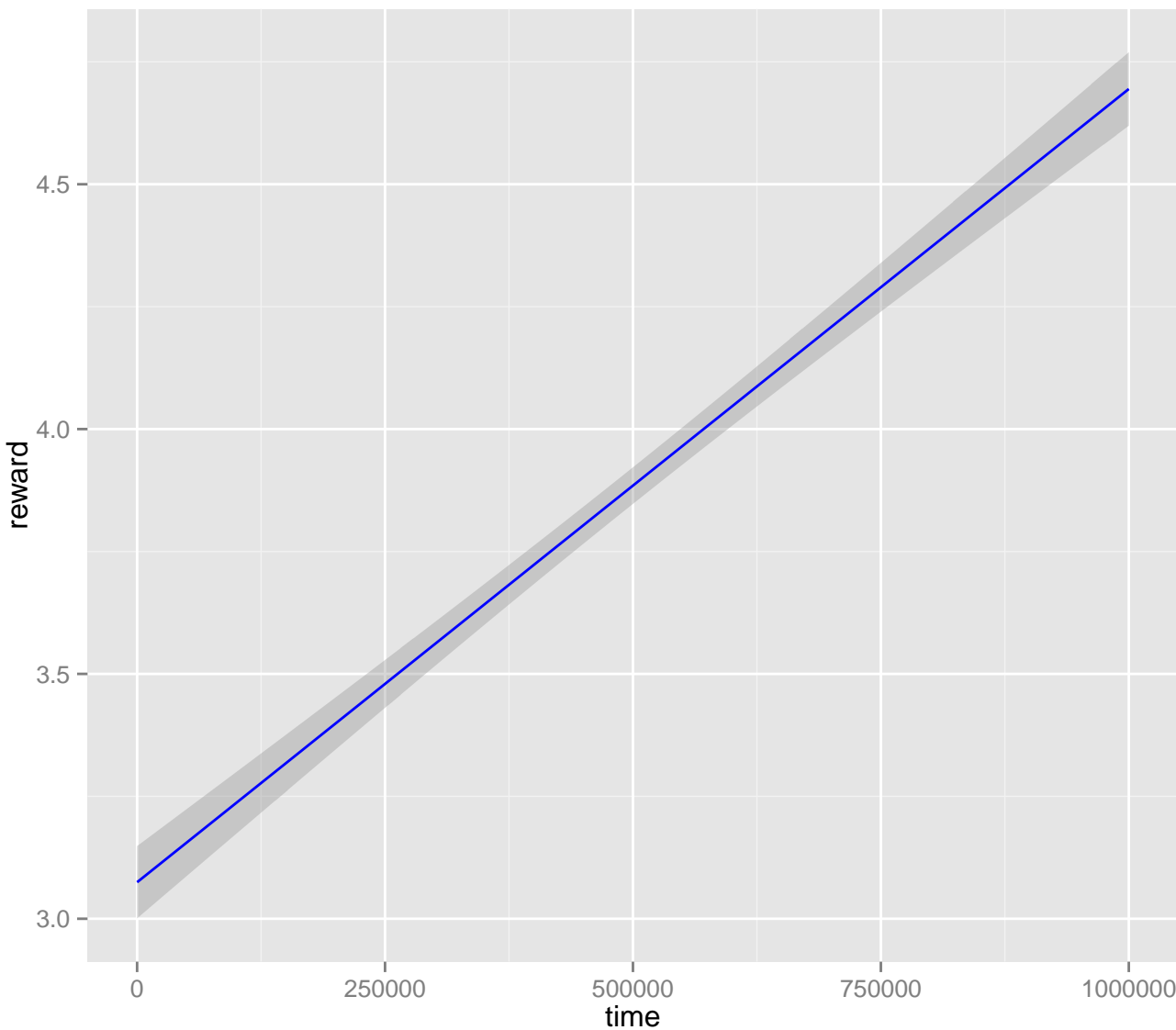
Response: reward

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
time	1	144282	144282	607.3	< 2.2e-16 ***
Residuals	653843	155340694	238		

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Regression analysis of observed rewards over time

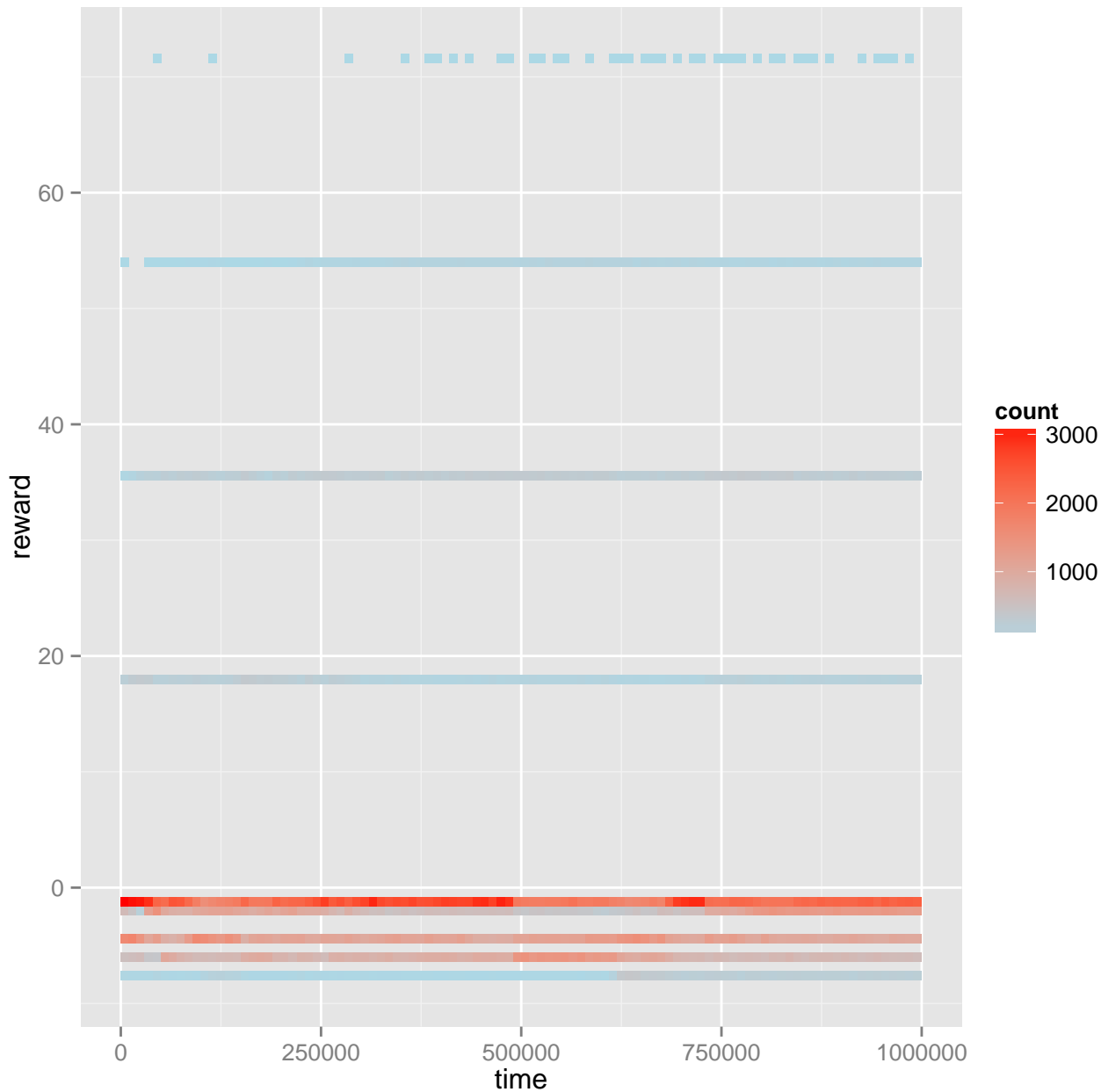
Linear Regression (95% confidence)



Benchmark

time		action		reward		busy_for	
Min.	:	1	wait : 60510	Min.	:-8.0	Min.	:1.0
1st Qu.:	250001	drive:411215		1st Qu.:	-4.0	1st Qu.:	1.0
Median	: 500001	offer:105339		Median	:-2.0	Median	:1.0
Mean	: 500001	NA's : 422936		Mean	: 0.3	Mean	:1.7
3rd Qu.:	750000			3rd Qu.:	-1.0	3rd Qu.:	3.0
Max.	:1000000			Max.	:72.0	Max.	:4.0
				NA's	:422936	NA's	:422936
location		destination		passenger		fare	
1	: 35252	3	: 9443	declined: 21147		Min.	:20.0
2	: 88246	5	: 10993	accepted: 49458		1st Qu.:	40.0
3	:136478	6	: 10607	NA's :929395		Median	:40.0
4	: 49946	1	: 14094			Mean	:41.3
5	:161666	4	: 13553			3rd Qu.:	60.0
6	:105476	2	: 11915			Max.	:80.0
NA's:422936		NA's:929395				NA's	:929395

Observed rewards over time



Analysis of Variance Table

Response: reward

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
time	1	16707	16706.8	144.13	< 2.2e-16 ***
Residuals	577062	66891387	115.9		

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Regression analysis of observed rewards over time

Linear Regression (95% confidence)

