

## CountVotes (Calls: 113602, Time: 4.491 s)

Generated 02-Dec-2016 17:54:33 using performance time.

function in file

</Users/stevejobs/Dropbox/plugg/FFR120/proj/FFR120ProjectVotingSystem/CountVotes.m>

[Copy to new window for comparing multiple runs](#)

This function changed during profiling or before generation of this report. Results may be incomplete or inaccurate.




Refresh

- ☒ Show parent functions    ☒ Show busy lines    ☒ Show child functions  
☒ Show Code Analyzer results    ☒ Show file coverage    ☒ Show function listing



### Parents (calling functions)

Function Name	Function Type	Calls
<a href="#">runMain</a>	function	113602

### Lines where the most time was spent

Line Number	Code	Calls	Total Time	% Time	Time Plot
<a href="#">7</a>	[counts, ~] = hist(opinions, p...	13602	0.678 s	15.1%	
<a href="#">4</a>	opinions = individuals(3,:);	13602	0.039 s	0.9%	
<a href="#">8</a>	end	13602	0.008 s	0.2%	
All other lines			3.766 s	83.9%	
Totals			4.491 s	100%	

### Children (called functions)

Function Name	Function Type	Calls	Total Time	% Time	Time Plot
<a href="#">hist</a>	function	113602	3.722 s	82.9%	
Self time (built-ins, overhead, etc.)			0.769 s	17.1%	
Totals			4.491 s	100%	

### Code Analyzer results

No Code Analyzer messages.

### Coverage results

[Show coverage for parent directory](#)

Total lines in function	8
Non-code lines (comments, blank lines)	5
Code lines (lines that can run)	3
Code lines that did run	3
Code lines that did not run	0

Coverage (did run/can run)

100.00 %

**Function listing**

Color highlight code according to

time



time	Calls	line	
		1	function counts = CountVotes(individuals, partiesList)
		2	%nParties = length(partiesList);
		3	%bins = 1:nParties;
0.04	13602	4	opinions = individuals(3,:);
		5	%distances = pdist2(opinions', partiesList);
		6	%[~, votes] = min(distances,[], 2);
0.68	13602	7	[counts, ~] = hist(opinions, partiesList);
< 0.01	13602	8	end