

Sheet1

function	9.9 alls	time	
addition		4	180455815
cell	1596228		556093
col	160524		713087057
create	16		754682
difference	2		474662
dot	160320		178450120
dot-product	30		13647382422
gauss	79400		155048608
Hadamard_product	8		919734
max	10		1754172
neuralNetwork	1		299520045
normal	79400		215274902
query	10		8275637706
row	160320		10934971026
scalar-difference	4		301340
scalar-multiplication	4		80162803
sequence	2		283371527
sigmoid	14		2689315
test-the-neural	11		44369898870
train	2		3993915597
train-the-neural	3		6273703429
transpose	6		4766309

Sheet1

avg	calls	10.1 time	avg
45113953.7500		4	15856438939
0.3484		1596228	3964109734.7500
4442.2458		160524	1596228
47167.6250		16	1144511660
237331.0000		2	1238589
1113.0871		160320	297639
454912747.4000		30	596251900
1952.7532		79400	13198721835
114966.7500		8	136035979
175417.2000		10	661177
299520045.0000		1	899281
2711.2708		79400	265871846
827563770.6000		10	185806509
68207.1546		160320	7738661898
75335.0000		4	9579774213
20040700.7500		4	237723
141685763.5000		2	8556074808
192093.9286		14	250601554
4033627170.0000		11	2734998
1996957798.5000		2	42440251962
2091234476.3333		3	28162520125
794384.8333		6	41922501322
			5178267

ratio 10.1 / 9.9
87.8688167460827
2.8704335425909
1.60500972323776
1.64120649492104
0.62705461991902
3.34128046537599
0.96712478824681
0.87737633220157
0.7188785018277
0.51265269312245
0.88765960889195
0.86311273294646
0.93511366409737
0.87606763568209
0.78888630782505
106.733727961084
0.88435686059595
1.01698685352961
0.95650999986153
7.05135585392793
6.68225742520989
1.08643124060987