

Measured Speed-Up for Tesla C1060 vs. Core i7-975				
Function	Matrix		Vector	
	Single	Double	Single	Double
<code>all</code>	3.11	3.20	6.83	6.48
<code>any</code>	3.12	3.29	6.13	6.07
<code>asinh</code>	46.73	3.35	46.56	3.35
<code>atan2</code>	358.19	31.94	355.45	31.95
<code>atan</code>	47.70	3.86	47.67	3.81
<code>besselj</code>	36.22	1.92	37.56	2.00
<code>conv2</code>	2.50	—	—	—
<code>cos</code>	26.90	4.14	26.70	4.13
<code>exp</code>	53.45	6.03	53.06	6.04
<code>find</code>	17.68	16.20	15.95	14.70
<code>interp2</code>	50.00	48.15	—	—
<code>inv</code>	—	1.47	—	—
<code>log</code>	34.64	3.96	34.52	3.96
<code>max</code>	0.86	1.22	0.71	1.32
<code>min</code>	0.86	1.22	0.69	1.35
<code>minus</code>	18.22	8.63	18.15	8.55
<code>mldivide</code>	2.23	1.11	—	—
<code>plus</code>	18.28	8.97	18.08	8.67
<code>power</code>	67.10	7.77	69.68	7.74
<code>rand</code>	35.40	27.49	32.75	26.28
<code>randn</code>	26.91	4.82	25.84	4.78
<code>rdivide</code>	10.84	3.17	10.81	3.14
<code>subsasgn</code>	0.03	0.03	0.00	0.00
<code>sum</code>	0.91	1.31	0.73	1.27
<code>svd</code>	8.40	8.55	0.22	0.24
<code>times</code>	22.02	8.96	21.73	8.73

Table 1: Matrix size: 3000×3000 . Vector size: $4.00 \cdot 10^6 \times 1$. SVD size is $\frac{1}{3}$ of matrix size and $\frac{1}{9}$ for vector length.