

A Comparison of Geographical Propagation Visualizations

Report of CI values

September 20, 2019

1) Completion Time:

Completion Time is reported in seconds (rounded to 2 floating points).

	Technique	Mean time	Tech Compared	Mean Differences
All Tasks	Gly	15.48 [13.44, 19.24]	Gly-Ani	2.55 [1.03, 4.44]
	Ani	12.94 [15.49, 11.58]	Gly-SMul	4.41 [3.11, 5.97]
	SMul	11.07 [9.63, 15.86]	Ani-SMul	1.86 [0.51, 2.86]
A) Scope	Gly	7.08 [5.66, 9.21]	Gly-Ani	0.028 [-1.35, 1.88]
	Ani	7.06 [6.40, 7.81]	Gly-SMul	-0.049 [-1.85, 1.70]
	SMul	7.13 [6.15, 8.52]	Ani-SMul	-0.077 [-1.68, 0.86]
B) Direction	Gly	15.92 [12.45, 23.54]	Gly-Ani	6.71 [3.99, 11.20]
	Ani	9.20 [7.82, 12.35]	Gly-SMul	3.74 [1.61, 6.76]
	SMul	12.18 [10.00, 19.41]	Ani-SMul	-2.97 [-6.33, -1.81]
C) Arrival	Gly	9.08 [8.46, 10.09]	Gly-Ani	-2.88 [-3.87, -1.58]
	Ani	11.97 [10.73, 13.62]	Gly-SMul	-1.34 [-2.22, -0.36]
	SMul	10.43 [9.68, 12.11]	Ani-SMul	1.54 [0.35, 2.96]
D) Hops	Gly	26.88 [23.10, 31.69]	Gly-Ani	18.59 [15.06, 22.52,]
	Ani	8.28 [7.22, 9.66]	Gly-SMul	17.29 [14.25, 20.44]
	SMul	9.59 [8.25, 12.19]	Ani-SMul	-1.31 [-2.63, 0.09]
E) Peaks	Gly	18.45 [15.73, 23.08]	Gly-Ani	-9.71 [-14.06, -6.00]
	Ani	28.16 [24.13, 34.53]	Gly-SMul	2.41 [-2.06, 5.30]
	SMul	16.04 [12.72, 26.75]	Ani-SMul	12.13 [9.05, 15.18]

2) Error Rate:

Error rate is reported in % (rounded to 2 floating points).

	Technique	Mean time	Tech Compared	Mean Differences
All Tasks	Gly	1.86 [0.97, 3.76]	Gly-Ani	0.10 [-0.83, 0.96]
	Ani	1.76 [0.98, 2.88]	Gly-SMul	0.40 [-0.92, 1.34]
	SMul	1.46 [0.66, 2.86]	Ani-SMul	0.31 [-0.55, 1.11]
Scope	Gly	0 [0, 0]	Gly-Ani	0 [0,0]
	Ani	0 [0, 0]	Gly-SMul	-0.93 [-5.55, 0]
	SMul	0.93 [0, 2.78]	Ani-SMul	-0.93 [-5.55, 0]
Direction	Gly	2.78 [0, 8.33]	Gly-Ani	-4.63 [-10.19, -2.78]
	Ani	7.41 [2.79, 12.04]	Gly-SMul	-1.85 [-10.18, 1.85]
	SMul	4.63 [0.93, 9.26]	Ani-SMul	2.78 [-2.78, 6.48]
Arrival	Gly	0.50 [0,1.92]	Gly-Ani	0.50 [0, 1.92]
	Ani	0 [0, 0]	Gly-SMul	0.50 [0, 1.92]
	SMul	0 [0, 0]	Ani-SMul	0 [0, 0]
Hops	Gly	3.70 [0, 8.33]	Gly-Ani	3.7 [0, 8.33]
	Ani	0 [0, 0]	Gly-SMul	2.77 [0, 8.33]
	SMul	0.93 [0, 2.78]	Ani-SMul	-0.93 [-5.56, 0]
Peaks	Gly	2.32 [1.57, 4.11]	Gly-Ani	0.91 [-0.30, 2.70]
	Ani	1.41 [0.68, 2.70]	Gly-SMul	1.51 [0.60, 3.27]
	SMul	0.81 [0.44, 1.61]	Ani-SMul	0.60 [-0.33, 1.60]