

A Comparison of Visualizations
for Identifying Correlation over Space and Time
Report of CI values

Vanessa Pena-Araya, Emmanuel Pietriga, Anastasia Bezerianos

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1 Completion Time)

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

	Technique	Mean Time	Tech. Compared	Mean Differences
ALL TASKS	Bar	30.73 [26.95,35.95]	Gly-Bar	-7.00 [-10.82,-3.63]
	Dor	25.97 [22.47,30.20]	Dor-Bar	-4.76 [-9.37,-0.79]
	Gly	23.73 [20.82,26.76]	Gly-Dor	-2.25 [-5.51,0.29]
SINGLE TIME × REGION	Bar	49.80 [41.12,62.09]	Gly-Bar	-31.47 [-43.18,-23.39]
	Dor	22.25 [18.59,25.85]	Dor-Bar	-27.55[-39.14,-18.98]
	Gly	18.38 [14.86,22.70]	Gly-Dor	-3.9 [-7.70,0.99]
SINGLE TIME × ALL LOCATIONS	Bar	51.62 [43.84,61.43]	Gly-Bar	-35.95 [-44.91,-28.59]
	Dor	18.72 [15.52,22.32]	Dor-Bar	-32.89 [-43.21,-24.93]
	Gly	15.66 [13.77,17.76]	Gly-Dor	-3.06 [-6.68,0.25]
TIME INTERVAL × LOCATION	Bar	22.24 [18.96,27.06]	Gly-Bar	3.55 [-0.53,7.99]
	Dor	29.28 [24.77,33.91]	Dor-Bar	7.04 [2.22,11.33]
	Gly	25.79 [22.07,30.27]	Gly-Dor	-3.49 [-6.67,0.32]
TIME INTERVAL × REGION	Bar	31.68 [28.48,34.99]	Gly-Bar	-3.34 [-8.42,4.57]
	Dor	30.18 [25.50,36.57]	Dor-Bar	-1.50 [-7.24,5.34]
	Gly	28.34 [24.29,35.22]	Gly-Dor	-1.84 [-8.09,4.80]
TIME INTERVAL × ALL LOCATIONS	Bar	35.62 [30.56,41.91]	Gly-Bar	-12.77 [-18.82,-8.03]
	Dor	27.15 [22.01,37.37]	Dor-Bar	-8.47 [-15.15,-0.86]
	Gly	22.85 [19.69,26.65]	Gly-Dor	-4.29 [-12.95,2.055]
ALL TIME × LOCATION	Bar	14.19 [11.48,17.29]	Gly-Bar	12.75 [9.59,18.00]
	Dor	28.31 [22.94,37.46]	Dor-Bar	14.11 [10.02,21.11]
	Gly	26.95 [23.52,34.11]	Gly-Dor	-1.36 [-8.83,5.17]
ALL TIME × REGION	Bar	22.22 [17.89,27.63]	Gly-Bar	6.18 [1.79,11.99]
	Dor	29.79 [24.92,36.10]	Dor-Bar	7.57 [0.89,13.28]
	Gly	28.41 [23.21,34.58]	Gly-Dor	-1.38 [-7.18,3.98]
ALL TIME × ALL LOCATIONS	Bar	18.49 [15.96,21.63]	Gly-Bar	4.99 [0.74,14.93]
	Dor	22.12 [18.18,27.64]	Dor-Bar	3.63 [-0.47,8.41]
	Gly	23.48[19.23,34.09]	Gly-Dor	1.36 [-3.44,6.85]

2 Error Rate)

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

	Technique	Mean Error Rate	Tech.Compared	Mean Differences
ALL TASKS	Bar	8.56 [5.09,13.66]	Gly-Bar	-1.16 [-6.48,2.31]
	Dor	8.10 [5.55,10.88]	Dor-Bar	-0.46 [-5.79,3.47]
	Gly	7.40 [4.63,10.42]	"Gly-Dor"	-0.69 [-4.40,1.85]
SINGLE TIME × REGION	Bar	20.37 [11.11,31.48]	Gly-Bar	-18.52 [-31.48,-9.26]
	Dor	9.26 [1.85,14.81]	Dor-Bar	-11.11 [-24.07,0]
	Gly	1.85 [0,5.55]	Gly-Dor	-7.41 [-18.52,-3.70]
SINGLE TIME × ALL LOCATIONS	Bar	16.67 [5.55,31.48]	Gly-Bar	-12.96 [-31.48,-3.70]
	Dor	11.11 [3.70,16.67]	Dor-Bar	-5.55 [-25.92,5.55]
	Gly	3.70 [0,7.40]	Gly-Dor	-7.40 [-18.52,0]
TIME INTERVAL × LOCATION	Bar	7.40 [1.85,18.51]	Gly-Bar	9.26 [-1.85,20.37]
	Dor	16.67 [7.40,25.92]	Dor-Bar	9.26 [-7.41,22.22]
	Gly	16.66 [7.40,25.92]	Gly-Dor	0 [-11.11,11.11]
TIME INTERVAL × REGION	Bar	9.26 [1.85,14.81]	Gly-Bar	3.7 [-14.81,3.70]
	Dor	9.26 [1.85,20.37]	Dor-Bar	0 [-9.26,12.96]
	Gly	5.56 [0,11.11]	Gly-Dor	-3.70 [-12.96,-1.85]
TIME INTERVAL × ALL LOCATIONS	Bar	7.41 [1.85,12.96]	Gly-Bar	1.85 [-12.96,5.55]
	Dor	3.70 [0,7.41]	Dor-Bar	-3.70 [-14.81,3.70]
	Gly	5.55 [0,11.11]	Gly-Dor	1.85 [-5.55,5.55]
ALL TIME × LOCATION	Bar	5.55 [0,11.11]	Gly-Bar	1.85 [-9.26,9.26]
	Dor	9.26 [1.85,20.37]	Dor-Bar	3.70 [-7.41,16.67]
	Gly	7.41 [1.85,12.96]	Gly-Dor	-1.85 [-16.67,5.55]
ALL TIME × REGION	Bar	1.85 [0,5.55]	Gly-Bar	12.96 [1.85,24.07]
	Dor	5.55 [0,18.52]	Dor-Bar	3.70 [-3.70,14.81]
	Gly	14.81 [7.41,24.07]	Gly-Dor	9.26 [-5.55,18.52]
ALL TIME × ALL LOCATIONS	Bar	0 [0,0]	Gly-Bar	3.70 [0,7.41]
	Dor	0 [0,0]	Dor-Bar	0 [0,0]
	Gly	3.70 [0,7.41]	Gly-Dor	3.70 [0,7.41]