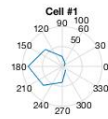


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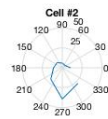
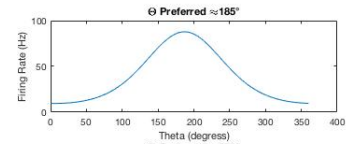
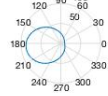
Jonathan Levine
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March 22, 2018

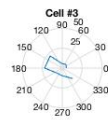
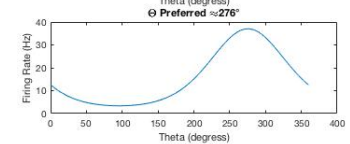
Problem 1



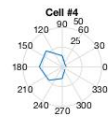
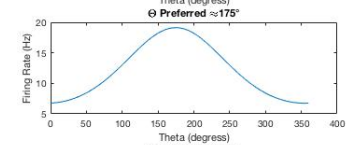
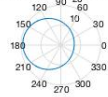
Von Mises Fit (Same as to the Right but Polar)



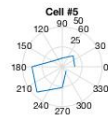
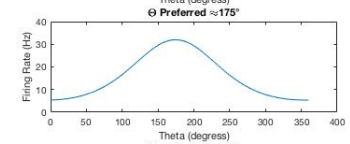
Von Mises Fit (Same as to the Right but Polar)



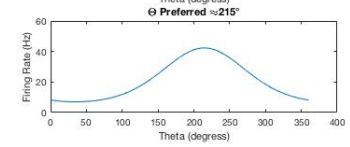
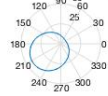
Von Mises Fit (Same as to the Right but Polar)



Von Mises Fit (Same as to the Right but Polar)



Von Mises Fit (Same as to the Right but Polar)



Problem 2

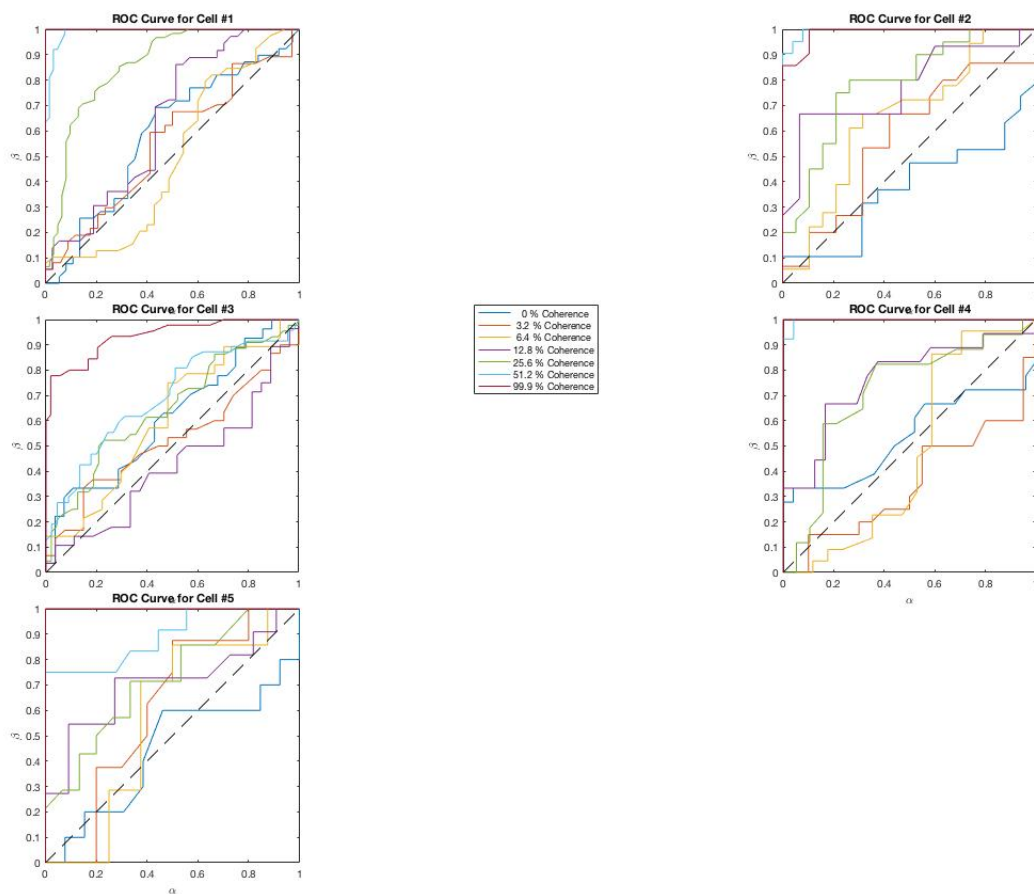


Table 1: Areas Under the ROC Curves

	0%	3.2%	6.4%	12.8%	25.6%	51.2%	99.9%
Cell1	0.587	0.551	0.495	0.642	0.859	0.990	1
Cell2	0.375	0.572	0.651	0.776	0.786	0.994	0.986
Cell3	0.610	0.523	0.605	0.425	0.645	0.690	0.935
Cell4	0.538	0.353	0.476	0.764	0.711	0.997	1
Cell5	0.442	0.613	0.571	0.707	0.719	0.891	1

Problem 3

