

ECE 361

Homework 6 part 2

Chi square test results: best fit (highest p-value)

Target present

	h	DoF	Chi square stat	P-value
Gamma	1	3	8.3045	0.0401
Weibull	1	3	7.9537	0.047
Nakagami	0	3	7.2854	0.0633
Rician	0	3	6.9065	0.0749

Best fit: Rician (H1: target present)

Chi square test results: best fit (highest p-value)

Target absent

	h	DoF	Chi square stat	P-value
Gamma	0	4	1.8187	0.7691
Weibull	0	4	2.7748	0.5962
Nakagami	0	4	2.6239	0.6226
Rician	0	4	3.1084	0.5399

Best fit: Gamma (H0: target absent)