

Graph properties:

Nodes	Edges	Global Clustering Coeff.	Average Cluster Coeff.	Assort. Degree	Assort. Nominal
262111	1234876	0.2361	0.4198	0.0027	-0.0000

Table 1: Summary of the principal graph properties.

Degree properties:

Min	Max	Mean	Median
1	5	4.7943	5.0000

Table 2: Summary of the principal degree properties.

AIC values:

Network	Geometric D.	Poisson D.	Zeta non-free p	Zeta	Right-Truncated Zeta	Altamann D.	MOEZipf	Negative Binomial	Discrete Weibull
Amazon	1264684.7413	918971.274	1849093.1657	1689092.2631	1221681.0797	1264687.5843	628284.3204	-	-

Table 3: Values of the AIC.

$\Delta$ AIC:

Network	Geometric D.	Poisson D.	Zeta non-free p	Zeta	Right-Truncated Zeta	Altamann D.	MOEZipf	Negative Binomial	Discrete Weibull
Amazon	636400.4209	290686.9536	1220808.8453	1060807.9427	593396.7593	636403.2639	0	-	-

Table 4: Values of the Delta AIC.

BIC values:

Network	Geometric D.	Poisson D.	Zeta non-free p	Zeta	Right-Truncated Zeta	Altamann D.	MOEZipf	Negative Binomial	Discrete Weibull
Amazon	1264695.2004	918981.733	1849093.1657	1689102.7222	1221701.9977	1264708.5024	628305.2385	-	-

Table 5: Values of the BIC.

$\Delta$ BIC:

Network	Geometric D.	Poisson D.	Zeta non-free p	Zeta	Right-Truncated Zeta	Altamann D.	MOEZipf	Negative Binomial	Discrete Weibull
Amazon	636389.9619	290676.4945	1220787.9272	1060797.4837	593396.7592	636403.2639	0	-	-

Table 6: Values of the Delta BIC.

Estimated parameters:

Network	q	lambda	gamma_1	gamma_2	K_max	gamma_3	delta	gamma_4	delta_2	gammaNB	pNB	v	p
Amazon	0.2086	4.753	1.4897	1	5	0	0.2339	9.5286	6395646.8546	-	-	-	-

Table 7: Values of the estimated parameters.

## Initial plots

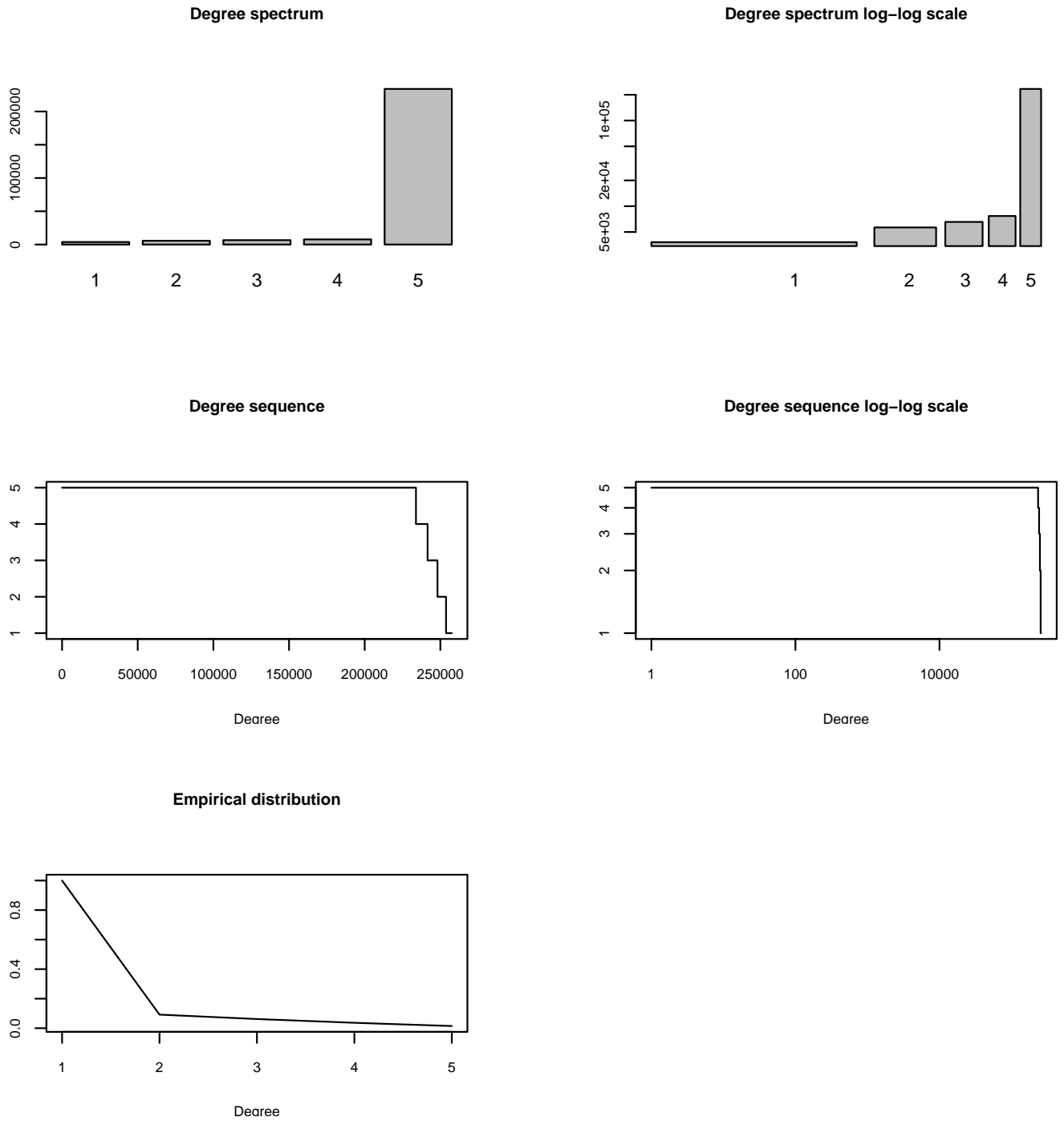


Figure 1: Initial plots.

Fitted model plots:

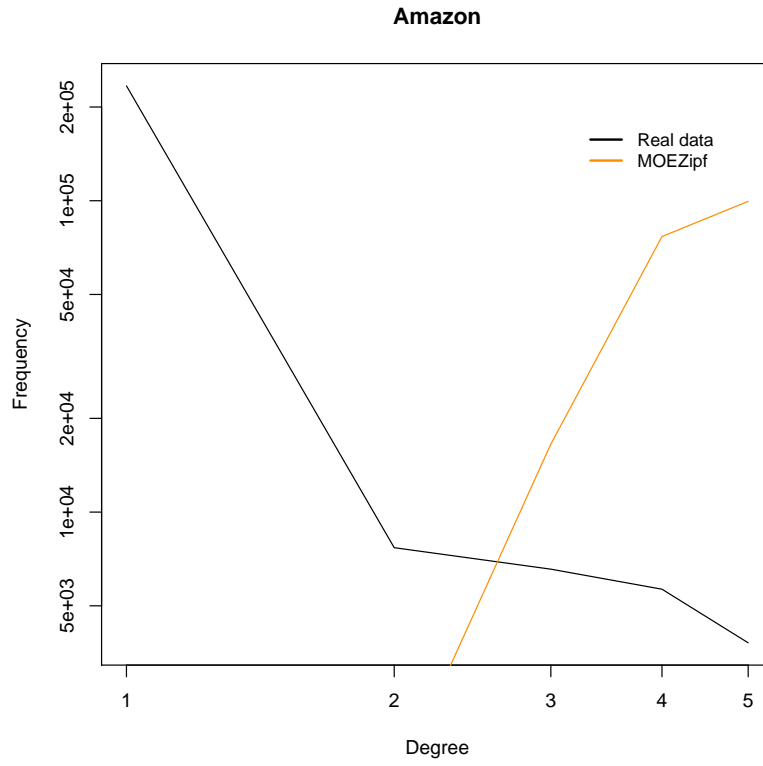


Figure 2: Best Model Fitting the data.

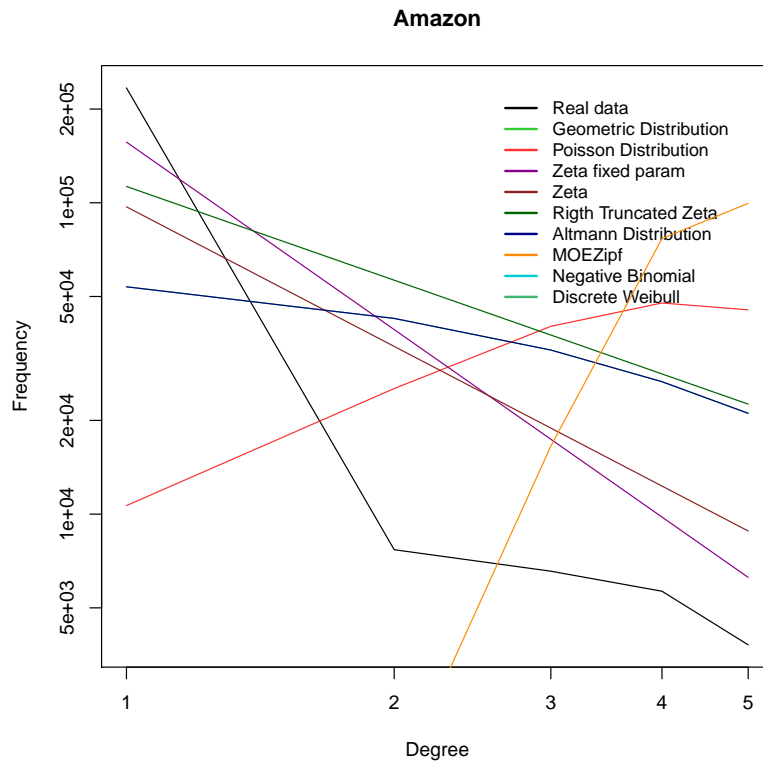


Figure 3: Best Model Fitting the data.