Graph properties:

Nodes	Edges	Global Clustering Coeff.	Average Cluster Coeff.	Assort. Degree	Assort. Nominal
2394385	5021409	0.0022	0.0526	-0.0853	-0.0001

Table 1: Summary of the principal graph properties.

Degree properties:

Min	Max	Mean	Median	Variance	Standard Deviation
1	100022	34.0199	1.0000	160858.4814	401.0717

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 Weibu
Out_Wikipedia	1331992.9013	32889890.0493	697164.1718	680164.5857	680112.4971	680107.173	680166.5858	-	-

Table 3: Values of the AIC.

ΔAIC:

Network	Geometric D.	Poisson D.	Zeta non-free p	Zeta	Right-Truncated Zeta	Altamann D.	MOEZipf	Negative Binomial	Discrete Weibull
Out_Wikipedia	651885.7283	32209782.8763	17056.9988	57.4127	5.3241	0	59.4128		

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 Weibu
Out_Wikipedia	1332002.8036	32889899.9516	697164.1718	680174.488	680132.3015	680126.9774	680186.3903	-	-

Table 5: Values of the BIC.

ΔBIC:

Network	Geometric D.	Poisson D.	Zeta non-free p	Zeta	Right-Truncated Zeta	Altamann D.	MOEZipf	Negative Binomial	Discrete Weibull
Out_Wikipedia	651875.8262	32209772.9742	17037.1944	47.5106	5.3241	0	59.4129		

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
Out_Wikipedia	0.0294	34.0199	1.7158	1.7146	100022	1.7139	0	1.7158	1	-	-	-	-

Table 7: Values of the estimated parameters.

Initial plots

Degree spectrum

Degree spectrum log–log scale

Degree sequence

Degree sequence log–log scale

Empirical distribution
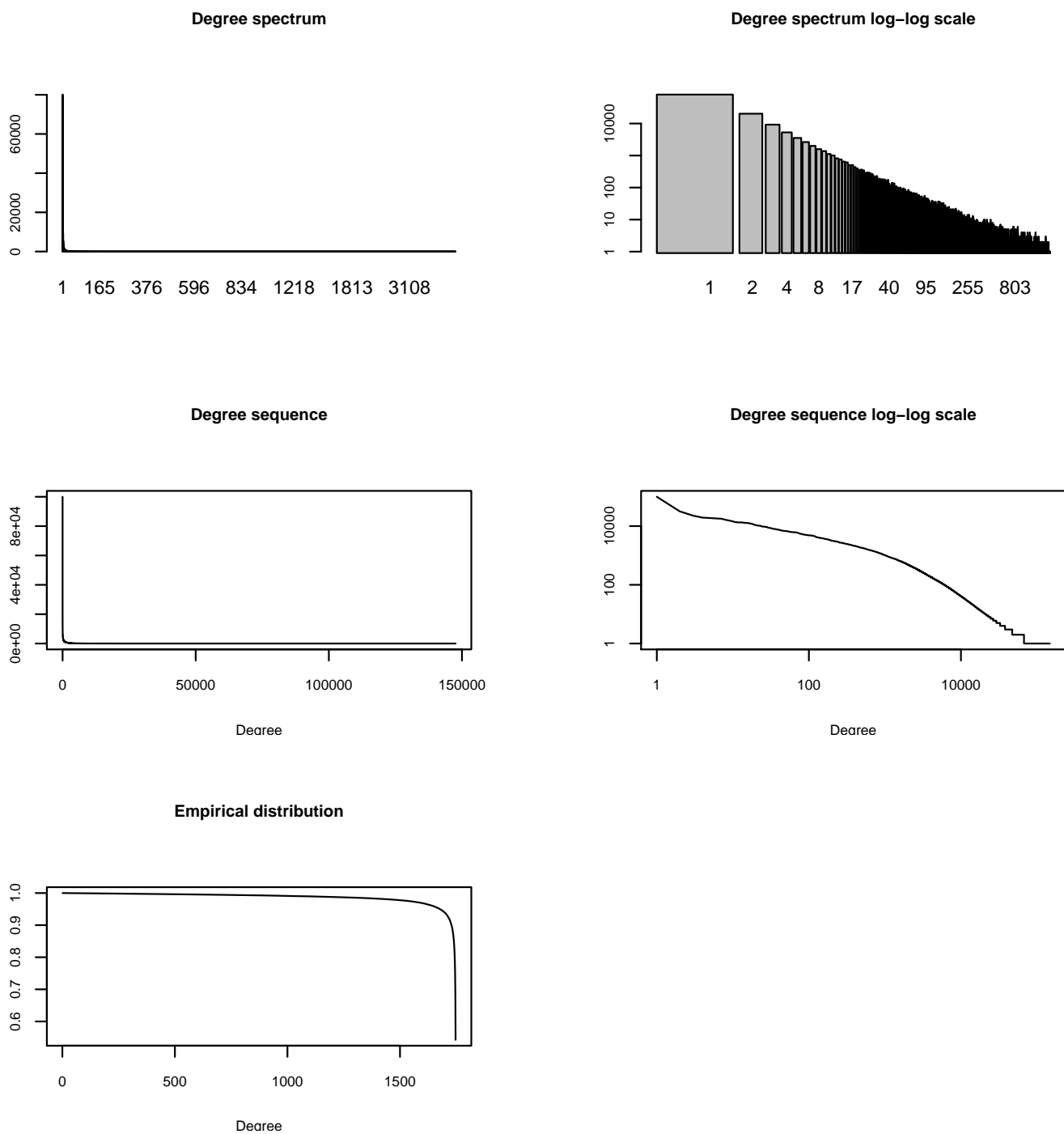
Figure 1: Initial plots.

Fitted model plots:

Degree distribution
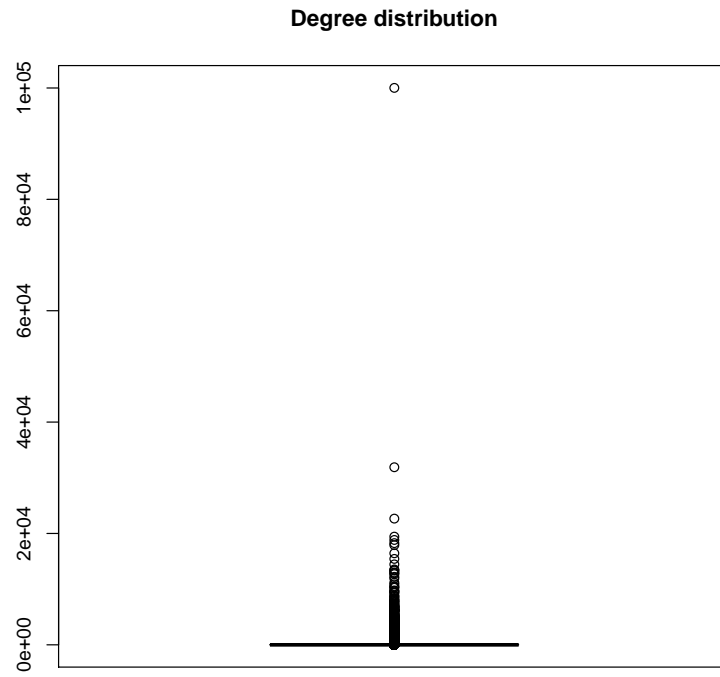
Figure 2: Best Model Fitting the data.

Out_Wikipedia
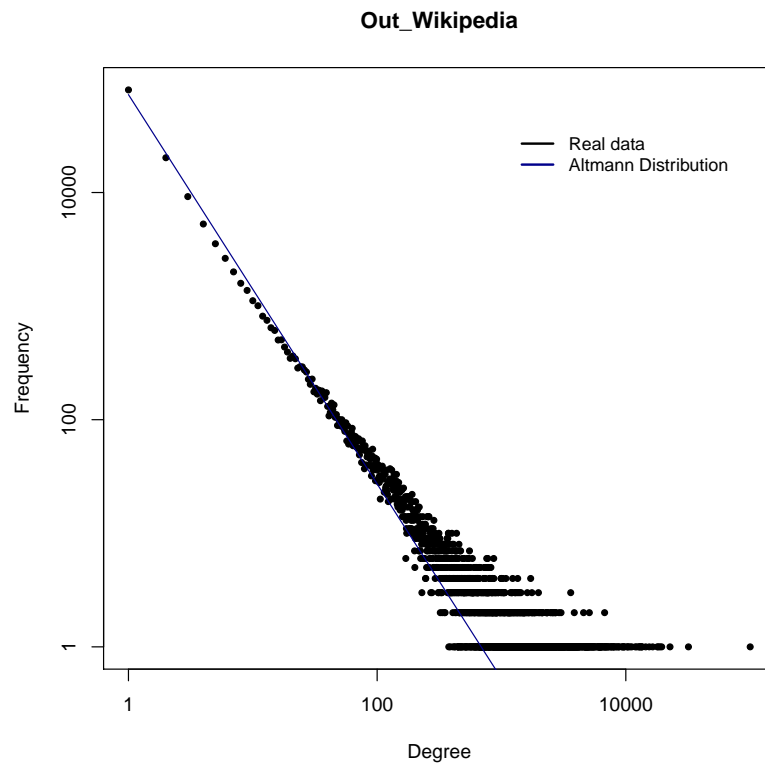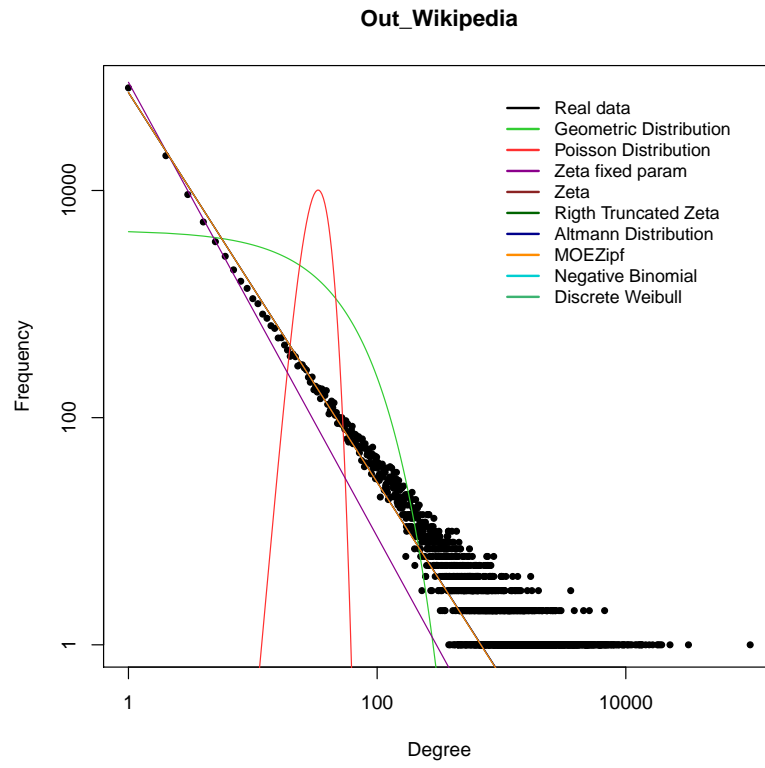

Figure 3: Best Model Fitting the data.

Out_Wikipedia

Figure 4: Best Model Fitting the data.