Graph properties:

Nodes	Edges	Global Clustering Coeff.	Average Cluster Coeff.	Assort. Degree	Assort. Nominal
9864	360109	0.0506	0.1157	-0.2967	-0.0003

Table 1: Summary of the principal graph properties.

Degree properties:

Min	Max	Mean	Median
1	478	36.5111	19.0000

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
Person	90421.9435	508279.6377	120574.1831	99001.3181	93043.6632	89100.779	89909.2291	90556.509	90387.6149

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
Person	1321.1645	419178.8587	31473.4041	9900.5391	3942.8842	0	808.4501	1455.73	1286.8359

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
Person	90429.1397	508286.8339	120574.1831	99008.5142	93058.0551	89115.1709	89923.621	90570.9009	90402.0068

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
Person	1313.9688	419171.663	31459.0122	9893.3433	3942.8842	0	808.4501	1455.73	1286.8359

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
Person	0.0274	36.5111	1.3001	1.0007	478	0.4577	0.0162	2.1862	51.3343	0.7768	0.9792	0.8418	0.9492

Table 7: Values of the estimated parameters.

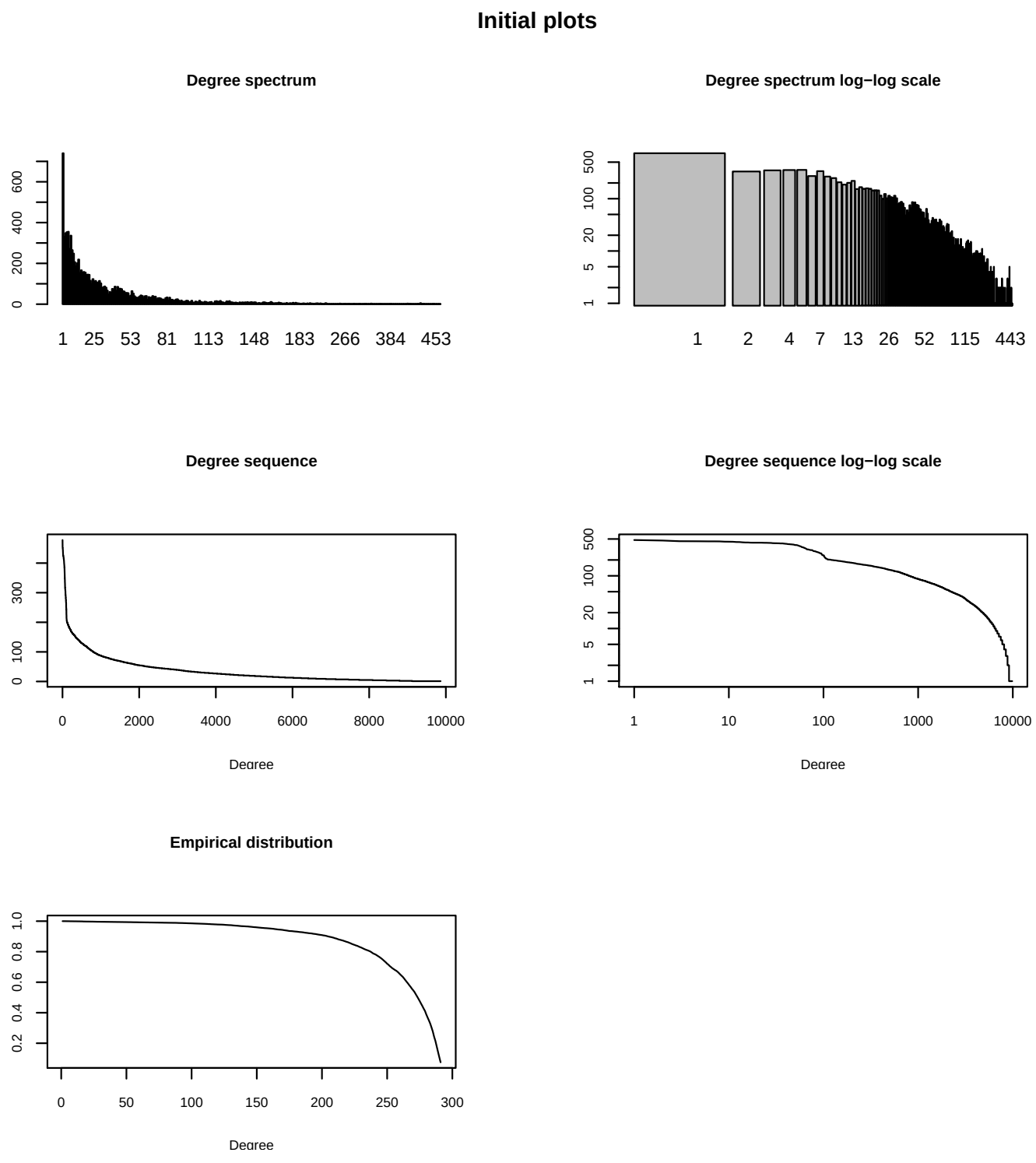

Figure 1: Initial plots.

Fitted model plots:

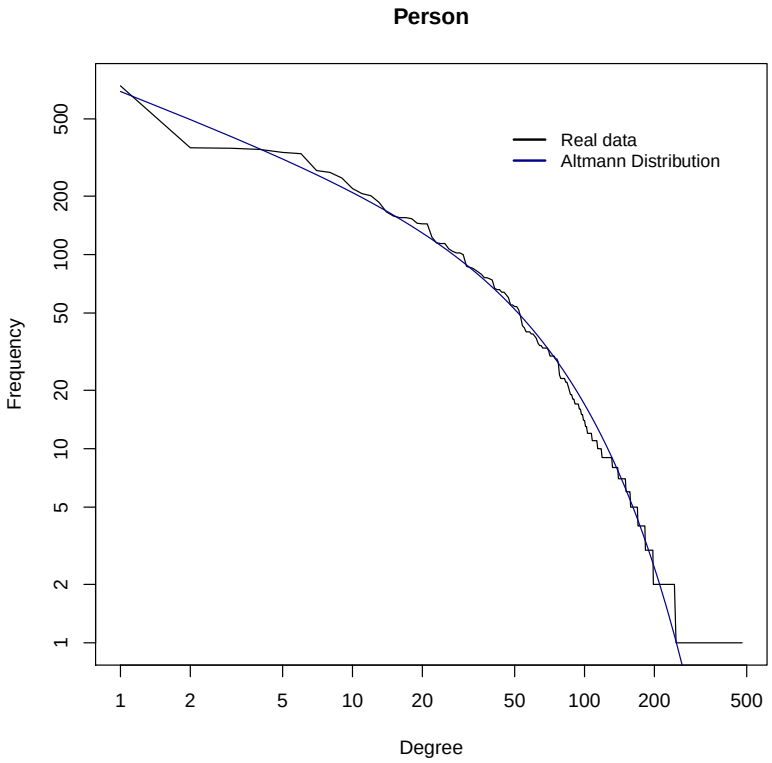

Figure 2: Best Model Fitting the data.

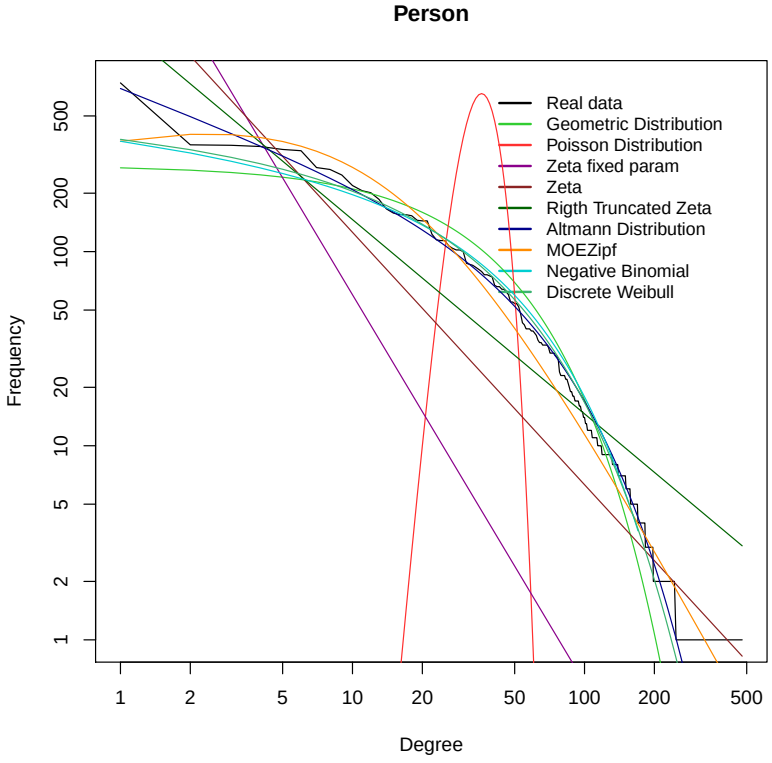

Figure 3: Best Model Fitting the data.