Supplementary material/Statistical modelling
F#ck in digital networks, Laitinen et al.
Contact: paula.rautionaho@uef.fi

Section 1 provides a summary of the prediction and classification accuracy measures, and Section 2 provides the summary of the GLMM tree results.

1. Prediction and classification accuracy

C-index	Somers dxy	Confusion matrix accuracy
0.77	0.53	62.8%

2. Summary of the GLMM trees

> print(gtmedian)

Model formula:

freqmedian ~ 1 | variety + network_size + NSI

Fitted party:

[1] root

| [2] variety in AU, UK

| | [3] variety in AU

| | | [4] NSI <= 0.46

| | | | [5] network_size <= 13: n = 82

| | | | (Intercept)

| | | | -1.417066

| | | | [6] network_size > 13: n = 1347

| | | | (Intercept)

| | | | -0.4483421

| | | [7] NSI > 0.46: n = 411

| | | (Intercept)

| | | -1.215607

| | [8] variety in UK: n = 897

| | (Intercept)

| | -0.2351919

| [9] variety in US

| | [10] NSI <= 0.46

| | | [11] network_size <= 18: n = 387

| | | (Intercept)

| | | 0.02584123

| | | [12] network_size > 18: n = 2100

| | | (Intercept)

| | | 0.725466

| | [13] NSI > 0.46: n = 436

| | (Intercept)

| | -0.1562806

Number of inner nodes: 6

Number of terminal nodes: 7

Number of parameters per node: 1

Objective function (negative log-likelihood): 3672.863