sentence 0 has trigrams:

('<s>', 'Sales', 'of') ('Sales', 'of', 'the') ('of', 'the', 'company') ('the', 'company', 'to') ('company', 'to', 'return') ('to', 'return', 'to') ('return', 'to', 'normalcy') ('to', 'normalcy', '.') ('normalcy', '.', '</s>')

sentence 1 has trigrams:

('<s>', 'The', 'new') ('The', 'new', 'products') ('new', 'products', 'and') ('products', 'and', 'services') ('and', 'services', 'contributed') ('services', 'contributed', 'to') ('contributed', 'to', 'increase') ('to', 'increase', 'revenue') ('increase', 'revenue', '.') ('revenue', '.', '</s>')

The probability of sentence 0 predicted by for trigram model is: 0.0

The probability of sentence 1 predicted by for trigram model is: 0.0

The probability of sentence 0 predicted by for Laplace model is: 0.0

The probability of sentence 1 predicted by for Laplace model is: 0.0

The probability of sentence 0 predicted by for Katz model is: 1.1816479151993632e-28

The probability of sentence 1 predicted by for Katz model is: 3.37838693264088e-32

for word chairman and said, their similarity valud is 0.8408497347886177

for word chairman and of, their similarity valud is 0.984911645266089

for word company and board, their similarity valud is 0.6441271429526982

for word company and said, their similarity valud is 0.6396568961797999

Given the context constraint, for word chairman and company, their similarity value is 0

Given the context constraint, for word company and sales, their similarity value is 0

Given the context constraint, for word company and economy, their similarity value is 0

for sentence 0, at step3

tag, status prob, observation prob

DT 0.0 0.0

NN 0.58 0.0

VB 0.0 0.0

VBZ 0.0 0.0

VBN 0.0 0.0

JJ 0.42 0.0

RB 0.0 0.0

IN 0.25 1.0

for sentence1, at step3

tag, status prob, observation prob

DT 0.0 0.0

NN 0.58 0.0

VB 0.0 0.0

VBZ 0.0 0.0

VBN 0.32 1.0

JJ 0.42 0.0

RB 0.0 0.0

IN 0.0 0.0

The likelyhood for sentence 0 is 0.0

tag is : ['DT', 'NN', 'IN', 'DT', 'DT', 'DT', 'DT', 'DT']

The likelyhood for sentence 1 is 2.102571931703331e-06

tag is : ['DT', 'NN', 'VBN', 'VBN', 'IN', 'DT', 'NN', 'IN', 'DT', 'NN']

For sentence 0 we have:

The\_DT chairman\_NN of\_IN the\_DT board\_NN is\_VBZ completely\_RB bold\_JJ .\_.

For sentence 1 we have:

A\_DT chair\_NN was\_VBD found\_VBN in\_IN the\_DT middle\_NN of\_IN the\_DT road\_NN .\_.

The first sentence is tagged more accurately.