

Battle of the Plays

A Gamification Approach to
Literary Network Analysis

A DraCor Production

by

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Rules of Play

battle-of-the-plays.github.io

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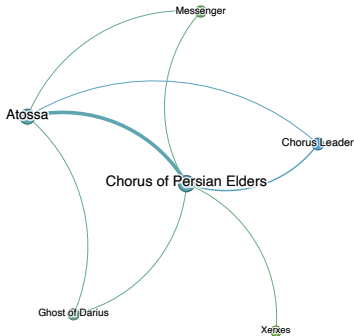
A Gamification Approach to
Literary Network Analysis

Aeschylus

The Persians

(472 BC) {Greek}

1A



Quart 1: Plays 472-405 BC · A

Network Size **6**

Network Diameter **2**

Network Density **0,53**

Clustering Coefficient **0,76**

Average Path Length (↓) **1,47**

Maximum Degree **5** (Chorus)



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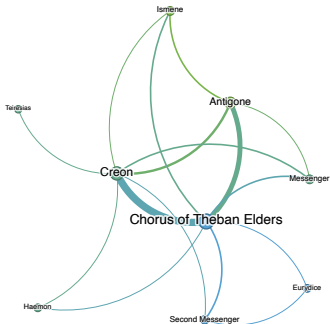
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Sophocles

Antigone

(441 BC) {Greek}

1B



Quart 1: Plays 472-405 BC · B

Network Size **9**

Network Diameter **3**

Network Density **0,44**

Clustering Coefficient **0,78**

Average Path Length (↓) **1,58**

Maximum Degree **7** (Creon and Chorus)



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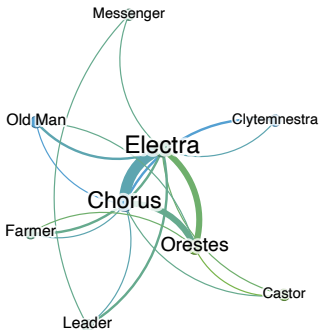
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Euripides

Electra

(c. 420–413 BC) {Greek}

1C



Quart 1: Plays 472–405 BC · C

Network Size **9**

Network Diameter **2**

Network Density **0,5**

Clustering Coefficient **0,8**

Average Path Length (↓) **1,5**

Maximum Degree **8** (Electra)



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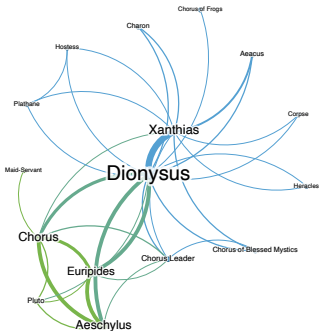
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Aristophanes

The Frogs

(405 BC) {Greek}

1D



Quart 1: Plays 472-405 BC · D

Network Size **16**

Network Diameter **3**

Network Density **0,29**

Clustering Coefficient **0,82**

Average Path Length (↓) **1,78**

Maximum Degree **14** (Dionysus)



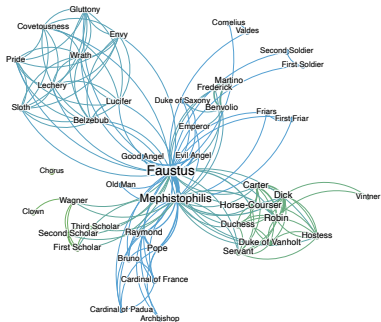
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Christopher Marlowe
Doctor Faustus

2A

(c. 1588/1592 (Quarto of 1616)) {English}



Quart 2: Plays 1588-1635 · A

Network Size **46**

Network Diameter **4**

Network Density **0,16**

Clustering Coefficient **0,91**

Average Path Length (↓) **1,91**

Maximum Degree **42** (Faustus)



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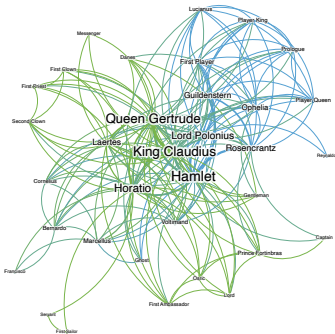
William Shakespeare

Hamlet

Tragedy (c. 1599/1602) {English}

2B

Quart 2: Plays 1588-1635 · B



Network Size	34
Network Diameter	3
Network Density	0,34
Clustering Coefficient	0,86
Average Path Length (↓)	1,7
Maximum Degree	30 (Horatio)



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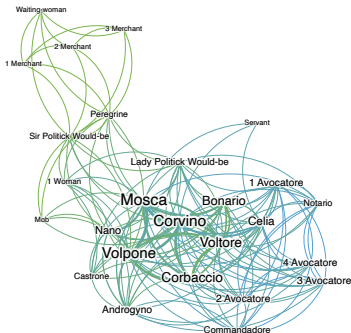
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Ben Jonson

Volpone; or, the Fox

(1606) {English}

2C



Quart 2: Plays 1588-1635 · C

Network Size **26**

Network Diameter **3**

Network Density **0,5**

Clustering Coefficient **0,86**

Average Path Length (↓) **1,66**

Maximum Degree **21** (Mosca)



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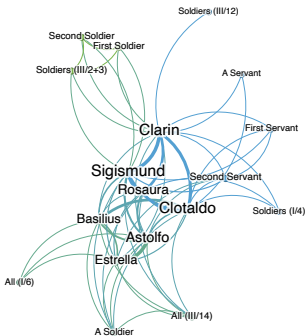
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Pedro Calderón de la Barca

Life Is a Dream

(1635) {Spanish}

2D



Quart 2: Plays 1588-1635 · D

Network Size **18**

Network Diameter **3**

Network Density **0,4**

Clustering Coefficient **0,84**

Average Path Length (↓) **1,66**

Maximum Degree **14** (Clarin)



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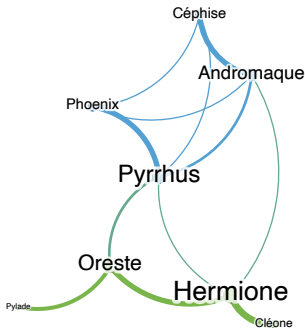
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Jean Racine

Andromaque

Tragedy (1667) {French}

3A



Quart 3: Plays 1667-1746 · A

Network Size **8**

Network Diameter **3**

Network Density **0,43**

Clustering Coefficient **0,64**

Average Path Length (↓) **1,79**

Maximum Degree **5** (Pyrrhus)



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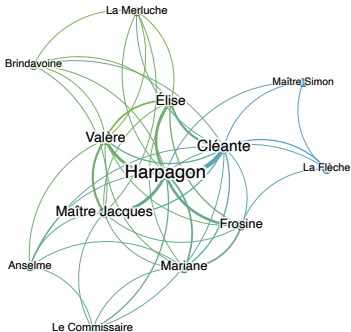
Molière

The Miser

Comedy (1668) {French}

3B

Quart 3: Plays 1667-1746 · B



Network Size **13**

Network Diameter **2**

Network Density **0,62**

Clustering Coefficient **0,83**

Average Path Length (↓) **1,39**

Maximum Degree **12** (Harpagon and Cléante)



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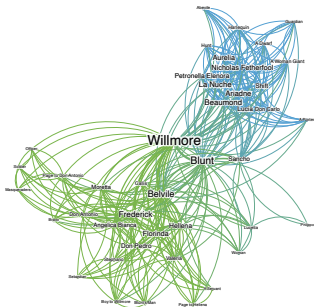
Aphra Behn

The Rover, Parts One and Two

(1677/1681) {English}

3C

Quart 3: Plays 1667-1746 · C



Network Size	43
Network Diameter	3
Network Density	0,38
Clustering Coefficient	0,84
Average Path Length (↓)	1,62
Maximum Degree	41 (Willmore)



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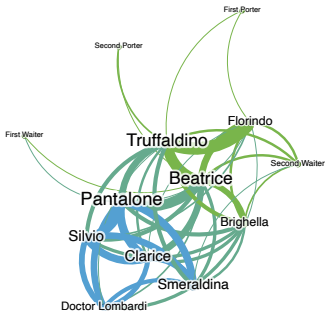
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Carlo Goldoni

The Servant of Two Masters

Comedy (1746) {Italian}

3D



Quart 3: Plays 1667-1746 · D

Network Size	13
Network Diameter	3
Network Density	0,59
Clustering Coefficient	0,87
Average Path Length (↓)	1,42
Maximum Degree	11 (Beatrice and Truffaldino)



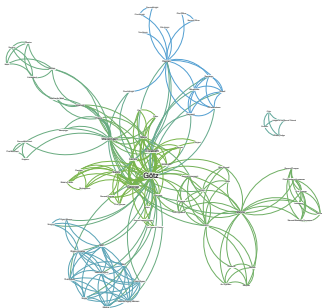
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Johann Wolfgang Goethe
Götz von Berlichingen
with the Iron Hand

4A

Drama (1773) {German}



Quart 4: Plays 1773-1808 · A

Network Size	79
Network Diameter	5
Network Density	0,09
Clustering Coefficient	0,87
Average Path Length (↓)	2,49
Maximum Degree	46 (Götz)



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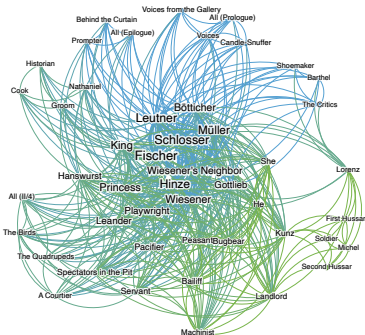
Ludwig Tieck

Puss in Boots

Fairy-Tale in 3 Acts (1797) {German}

4B

Quart 4: Plays 1773-1808 · B



Network Size **48**

Network Diameter **3**

Network Density **0,45**

Clustering Coefficient **0,87**

Average Path Length (↓) **1,61**

Maximum Degree **43** (Fischer)

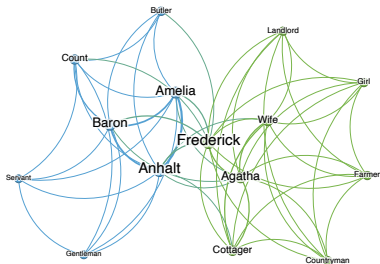


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Elizabeth Inchbald
Lovers' Vows
Play (1798) {English}

4C



Quart 4: Plays 1773-1808 · C

Network Size	15
Network Diameter	3
Network Density	0,54
Clustering Coefficient	0,85
Average Path Length (↓)	1,53
Maximum Degree	12 (Frederick)



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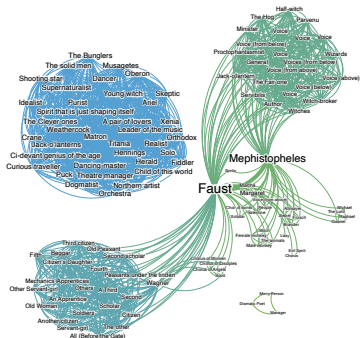
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Johann Wolfgang Goethe

Faust, Part One

Tragedy (1808) {German}

4D



Quart 4: Plays 1773-1808 · D

Network Size	115
Network Diameter	3
Network Density	0,2
Clustering Coefficient	0,98
Average Path Length (↓)	1,7
Maximum Degree	67 (Faust)



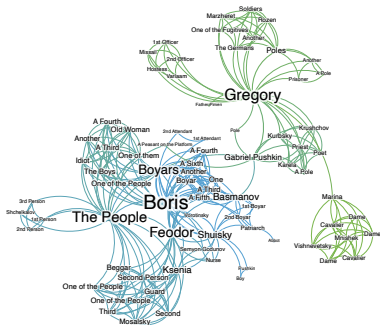
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Alexander Pushkin
Boris Godunov
(1825) {Russian}

5A

Quart 5: Plays 1825-1831 · A



Network Size **79**

Network Diameter **6**

Network Density **0,11**

Clustering Coefficient **0,92**

Average Path Length (↓) **3,03**

Maximum Degree **29** (Tsar Boris)



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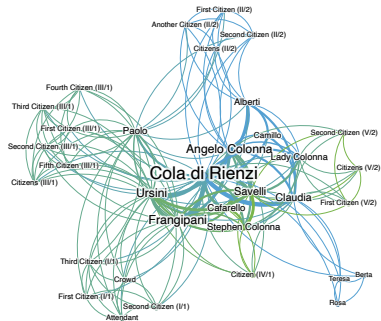
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Mary Russell Mitford

Rienzi

Tragedy (1828) {English}

5B



Quart 5: Plays 1825-1831 · B

Network Size **34**

Network Diameter **2**

Network Density **0,31**

Clustering Coefficient **0,87**

Average Path Length (↓) **1,69**

Maximum Degree **33** (Cola di Rienzi)



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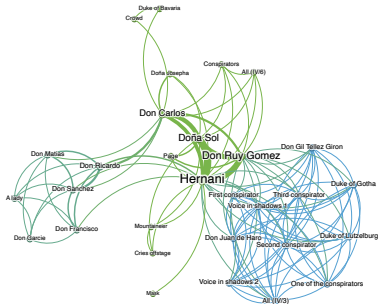
Victor Hugo

Hernani; or, Castilian Honour

Drama (1830) {French}

5C

Quart 5: Plays 1825-1831 · C



Network Size **30**

Network Diameter **3**

Network Density **0,29**

Clustering Coefficient **0,89**

Average Path Length (↓) **1,92**

Maximum Degree **24** (Hernani)



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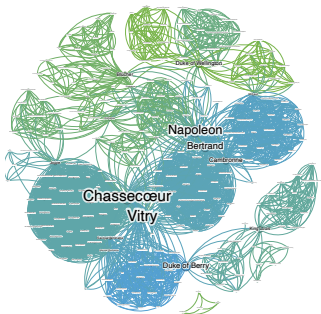
Christian Dietrich Grabbe

Napoleon; or, The Hundred Days

Drama (1831) {German}

5D

Quart 5: Plays 1825-1831 · D



Network Size	259
Network Diameter	6
Network Density	0,09
Clustering Coefficient	0,96
Average Path Length (↓)	2,83
Maximum Degree	106 (Vitri and Chassecoeur)



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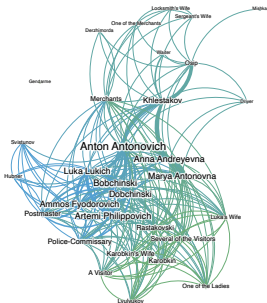
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Nikolai Gogol

The Government Inspector

Comedy (1836) {Russian}

6A



Quart 6: Plays 1836-1879 · A

Network Size **30**

Network Diameter **3**

Network Density **0,5**

Clustering Coefficient **0,88**

Average Path Length (↓) **1,52**

Maximum Degree **26** (Anton Antonovich)



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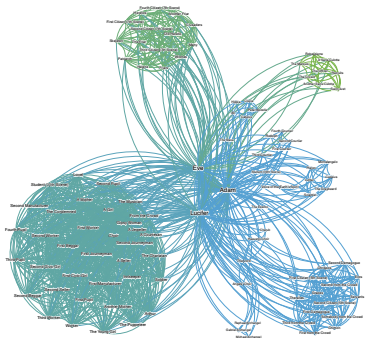
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Imre Madách

The Tragedy of Man

(1862) {Hungarian}

6B



Quart 6: Plays 1836-1879 · B

Network Size	103
Network Diameter	3
Network Density	0,23
Clustering Coefficient	0,97
Average Path Length (↓)	1,78
Maximum Degree	99 (Adam and Eve)



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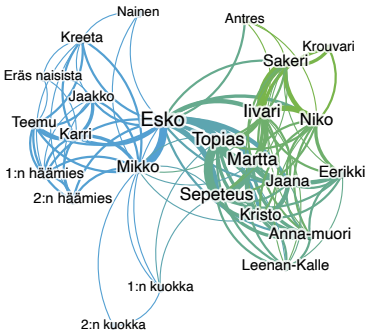
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Aleksis Kivi

Heath Cobblers

Comedy (1864) {Finnish}

6C



Quart 6: Plays 1836-1879 · C

Network Size	25
Network Diameter	4
Network Density	0,39
Clustering Coefficient	0,85
Average Path Length (↓)	1,71
Maximum Degree	21 (Esko)



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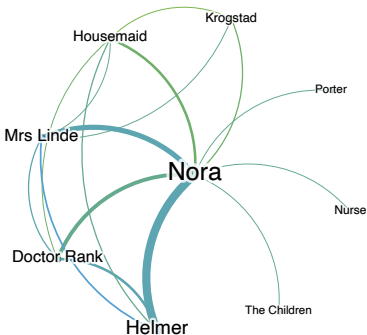
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Henrik Ibsen

A Doll's House

(1879) {Dano-Norwegian}

6D



Quart 6: Plays 1836-1879 · D

Network Size **9**

Network Diameter **2**

Network Density **0,44**

Clustering Coefficient **0,81**

Average Path Length (↓) **1,56**

Maximum Degree **8** (Nora)



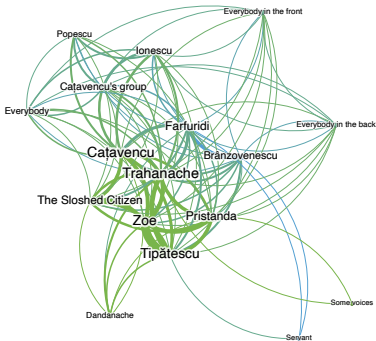
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Ion Luca Caragiale
A Lost Letter

7A

Comedy (1884) {Romanian}



Quart 7: Plays 1884-1901 · A

Network Size	17
Network Diameter	3
Network Density	0,73
Clustering Coefficient	0,91
Average Path Length (↓)	1,28
Maximum Degree	15 (several characters)



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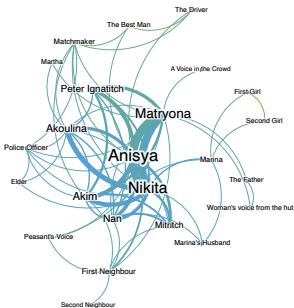
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Leo Tolstoy

The Power of Darkness

Drama (1887) {Russian}

7B



Quart 7: Plays 1884-1901 · B

Network Size	24
Network Diameter	4
Network Density	0,25
Clustering Coefficient	0,79
Average Path Length (↓)	2,11
Maximum Degree	14 (Matryona)



Battle of the Plays

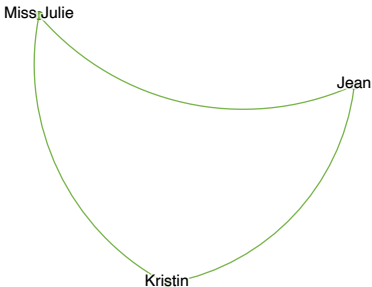
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August Strindberg

Miss Julie

7C

Naturalistic Tragedy (1888) {Swedish}



Quart 7: Plays 1884-1901 · C

Network Size **3**

Network Diameter **1**

Network Density **1**

Clustering Coefficient **1**

Average Path Length (↓) **1**

Maximum Degree **2** (all three characters)



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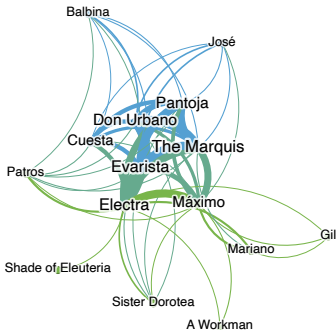
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Benito Pérez Galdós

Electra

Drama (1901) {Spanish}

7D



Quart 7: Plays 1884-1901 · D

Network Size **15**

Network Diameter **3**

Network Density **0,53**

Clustering Coefficient **0,85**

Average Path Length (↓) **1,48**

Maximum Degree **13** (Electra)



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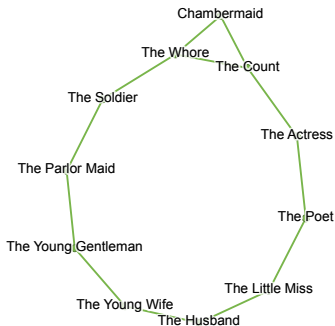
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Arthur Schnitzler

La Ronde

(1903) {German}

8A



Quart 8: Plays 1903-1952 · A

Network Size **11**

Network Diameter **5**

Network Density **0,22**

Clustering Coefficient **0,15**

Average Path Length (↓) **2,81**

Maximum Degree **3** (The Count and the Whore)



Battle of the Plays

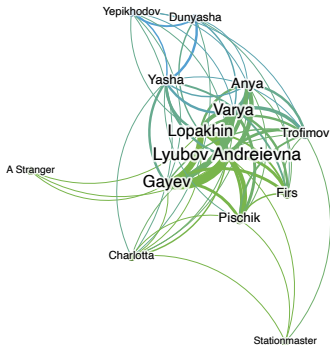
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Anton Chekhov

The Cherry Orchard

8B

Comedy (1904) {Russian}



Quart 8: Plays 1903-1952 · B

Network Size	14
Network Diameter	2
Network Density	0,73
Clustering Coefficient	0,86
Average Path Length (↓)	1,28
Maximum Degree	12 (Lyubov and Lopakhin)



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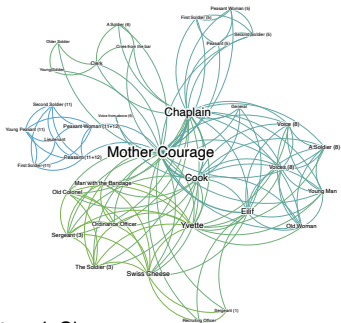
Bertolt Brecht

Mother Courage and Her Children

Chronicle (1941) {German}

8C

Quart 8: Plays 1903-1952 · C



Network Size **35**

Network Diameter **3**

Network Density **0,24**

Clustering Coefficient **0,89**

Average Path Length (↓) **1,95**

Maximum Degree **30** (Mother Courage)



Battle of the Plays

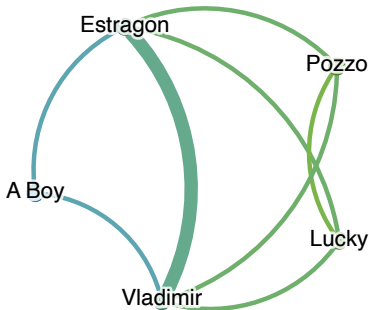
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Samuel Beckett

Waiting for Godot

Tragicomedy (1952) {French}

8D



Quart 8: Plays 1903-1952 · D

Network Size **5**

Network Diameter **2**

Network Density **0,8**

Clustering Coefficient **0,87**

Average Path Length (↓) **1,2**

Maximum Degree **4** (Vladimir and Estragon)



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