

Graphics Eger Paper

Leon Hammerla

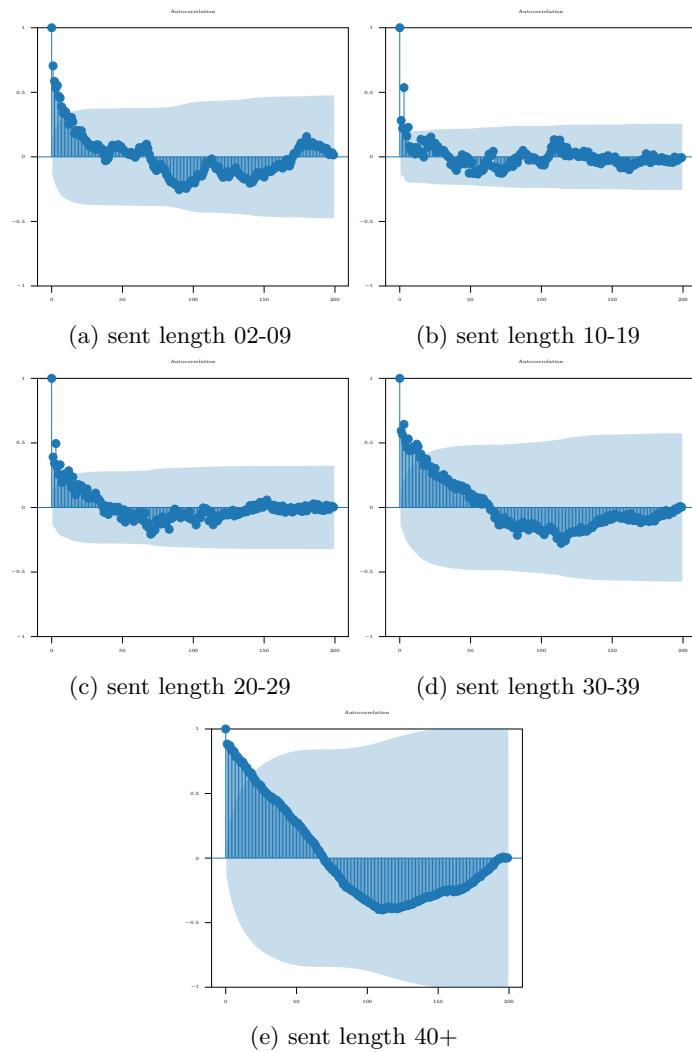
February 7, 2022

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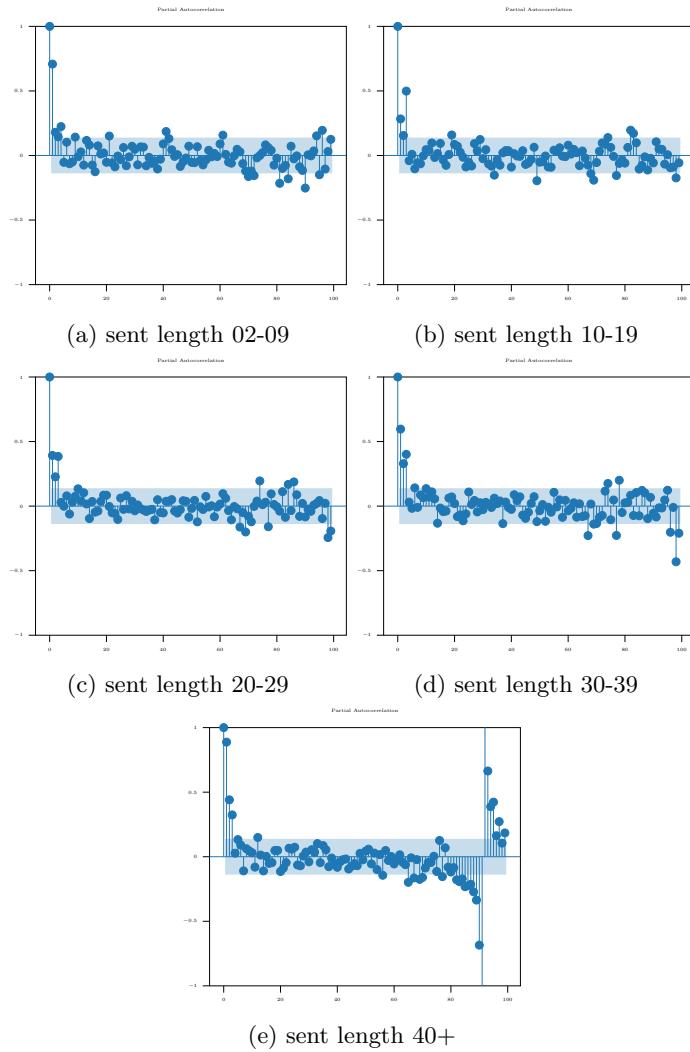
1 sent-Based:

1.1 n verbs0

1.1.1 Statistics-acf



1.1.2 Statistics-pacf

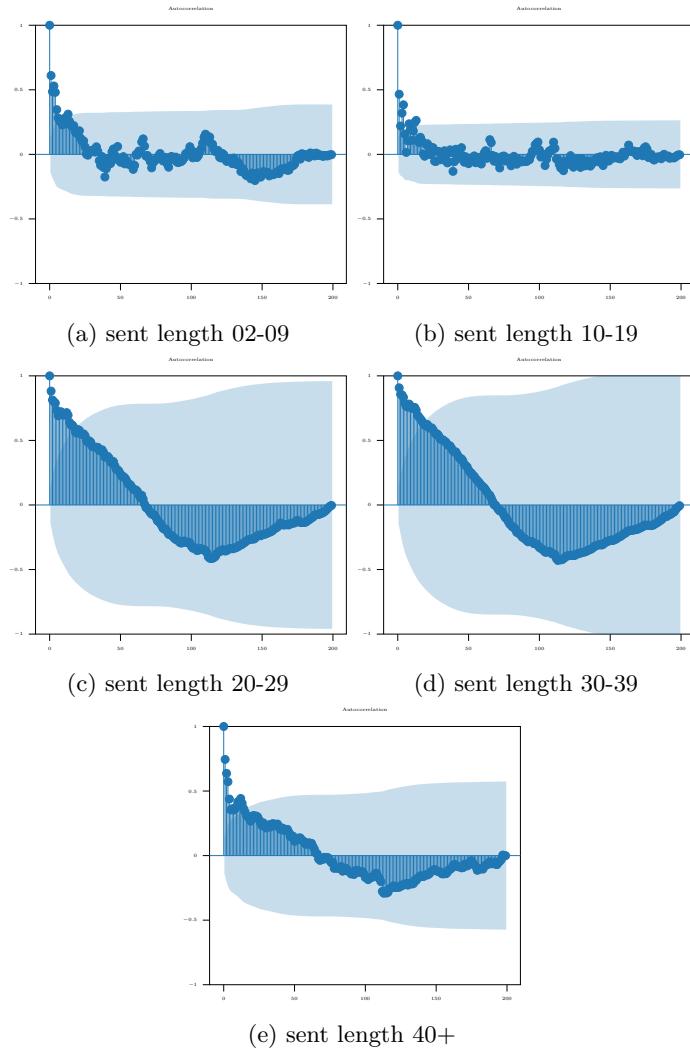


1.1.3 Statistics-cor

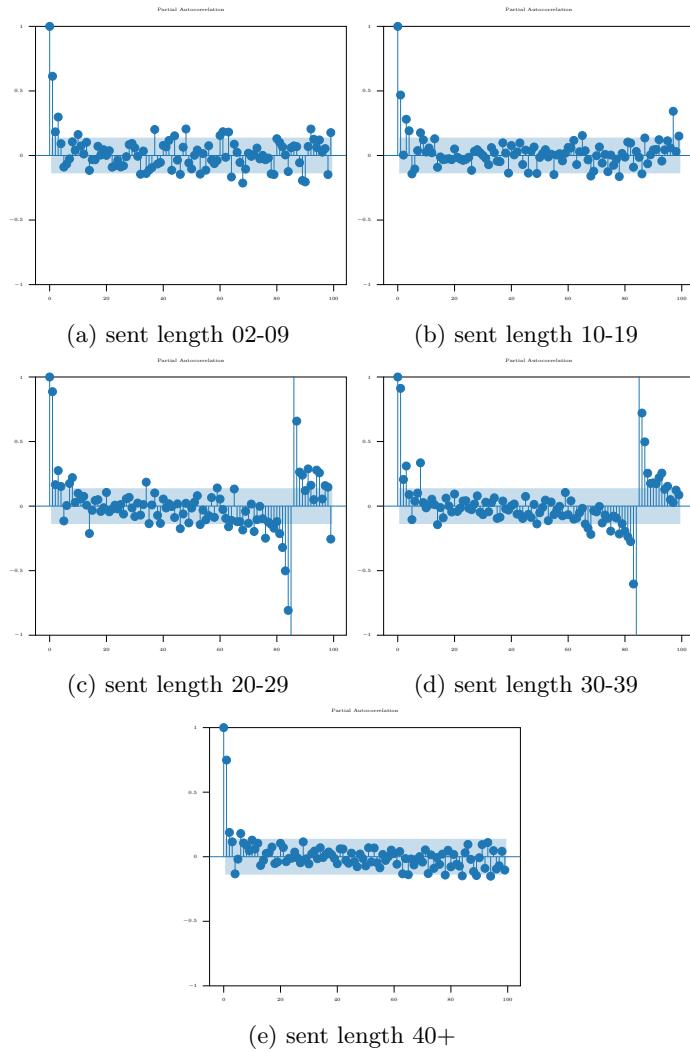
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sent length 10-19 - Correlation: 0.27338963144010076
sent length 20-29 - Correlation: -0.2940076845099552
sent length 30-39 - Correlation: -0.6053960827640034
sent length 40+ - Correlation: -0.8755579548205682

1.2 complexity ratio1

1.2.1 Statistics-acf



1.2.2 Statistics-pacf

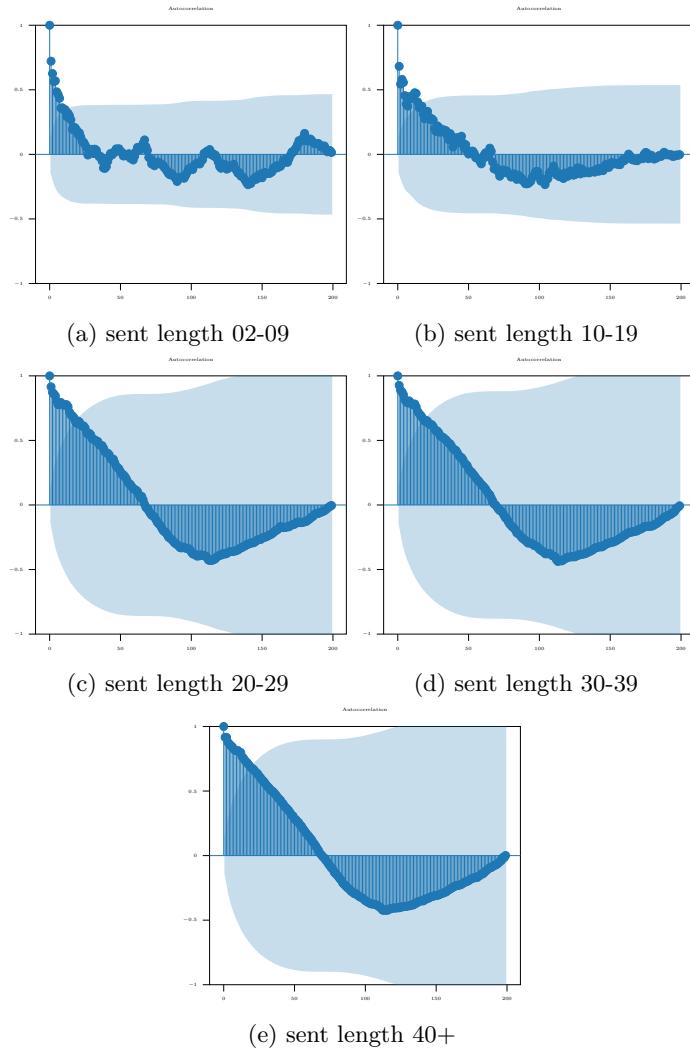


1.2.3 Statistics-cor

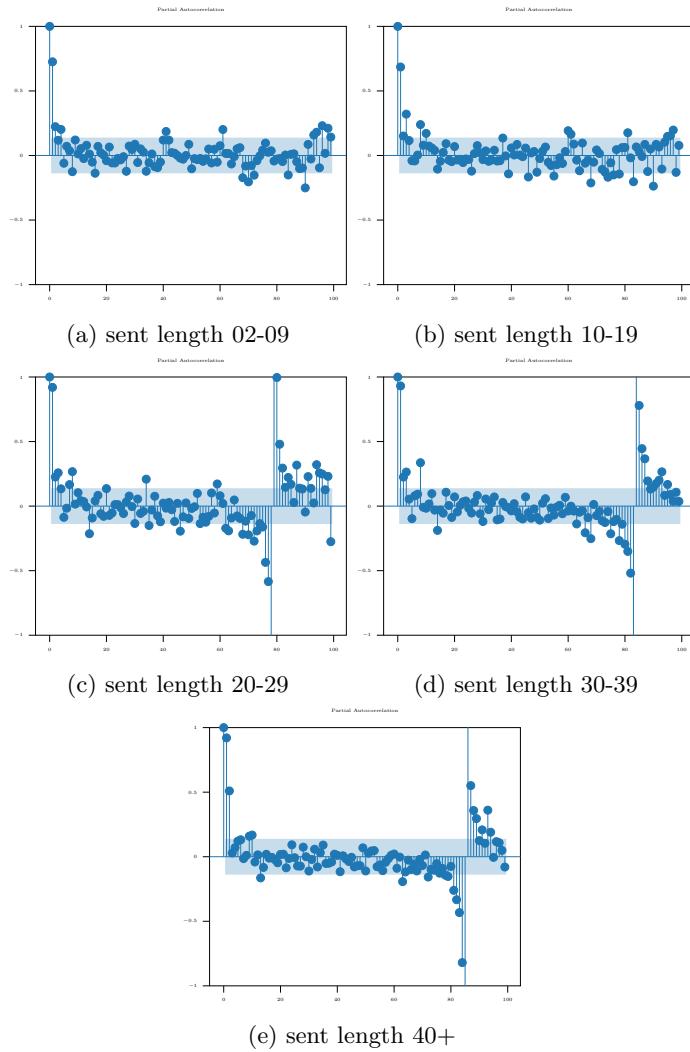
sent length 02-09 - Correlation: 0.4548634052016929
sent length 10-19 - Correlation: -0.2779554161997778
sent length 20-29 - Correlation: -0.8297426157757888
sent length 30-39 - Correlation: -0.8858588303681011
sent length 40+ - Correlation: -0.6446884735395741

1.3 absolute complexity2

1.3.1 Statistics-acf



1.3.2 Statistics-pacf

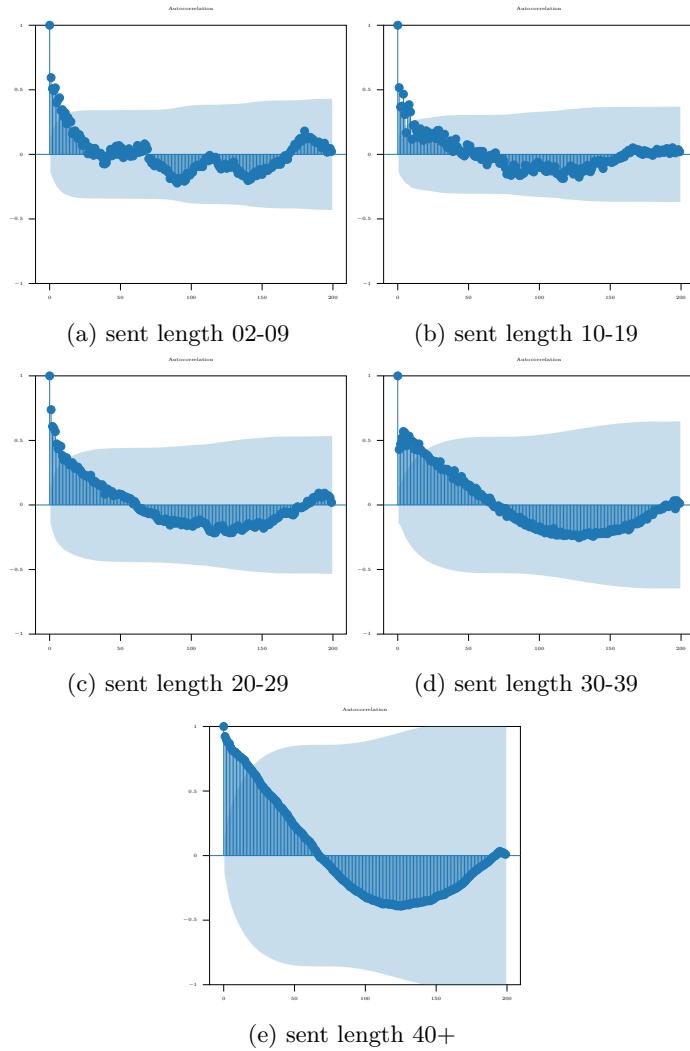


1.3.3 Statistics-cor

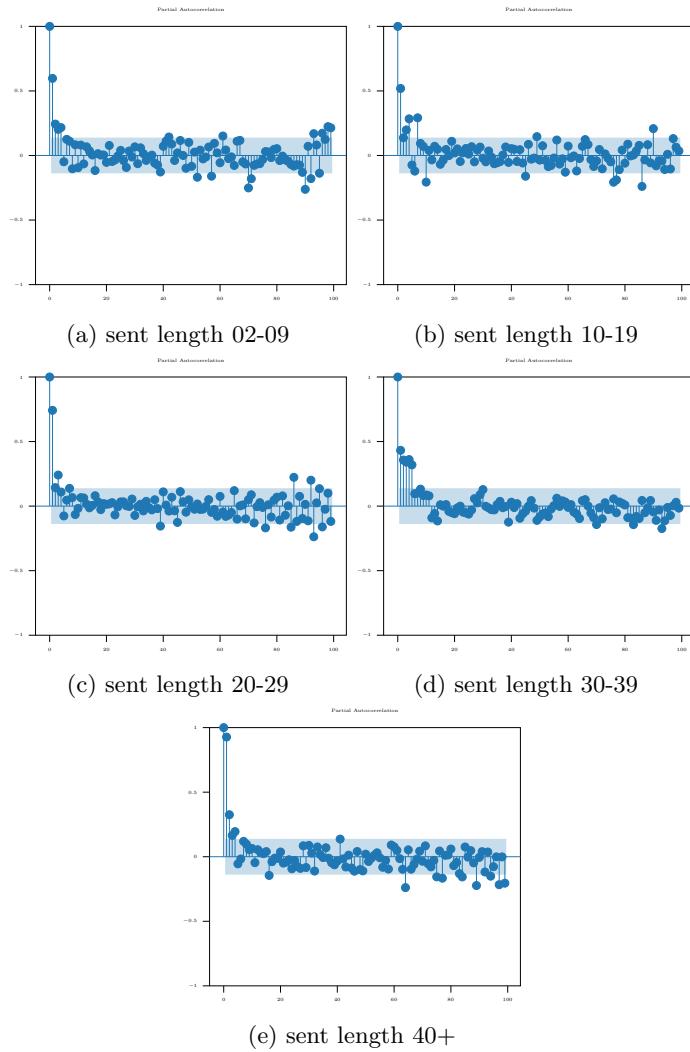
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sent length 10-19 - Correlation: -0.5162021026982762
sent length 20-29 - Correlation: -0.8628736852870255
sent length 30-39 - Correlation: -0.9043840729883224
sent length 40+ - Correlation: -0.9167300610609358

1.4 order of tree3

1.4.1 Statistics-acf



1.4.2 Statistics-pacf

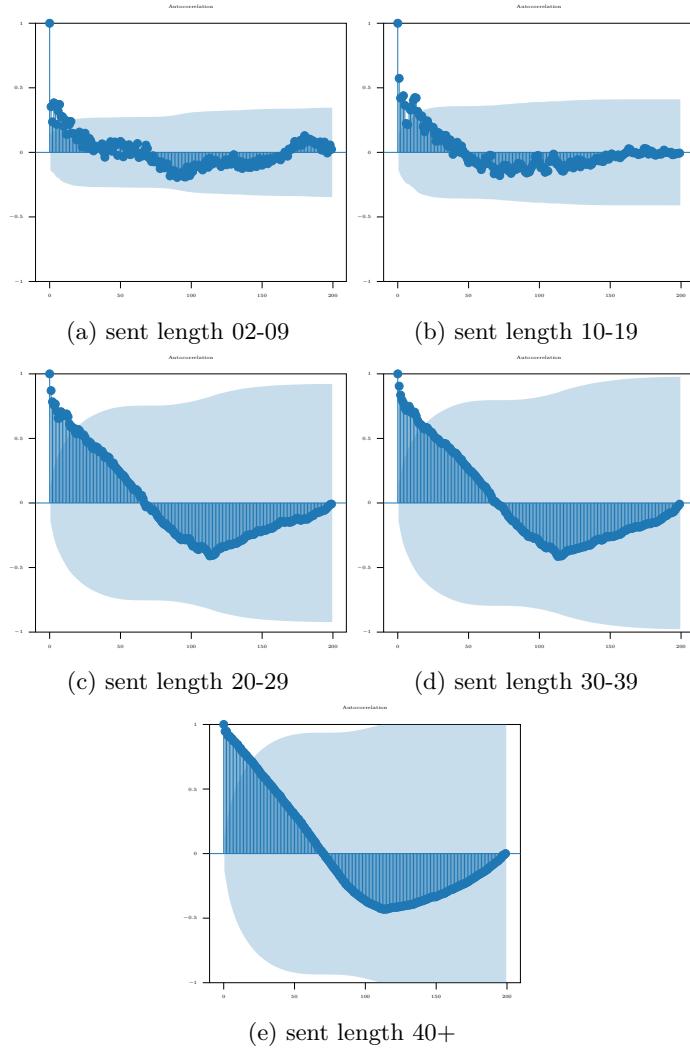


1.4.3 Statistics-cor

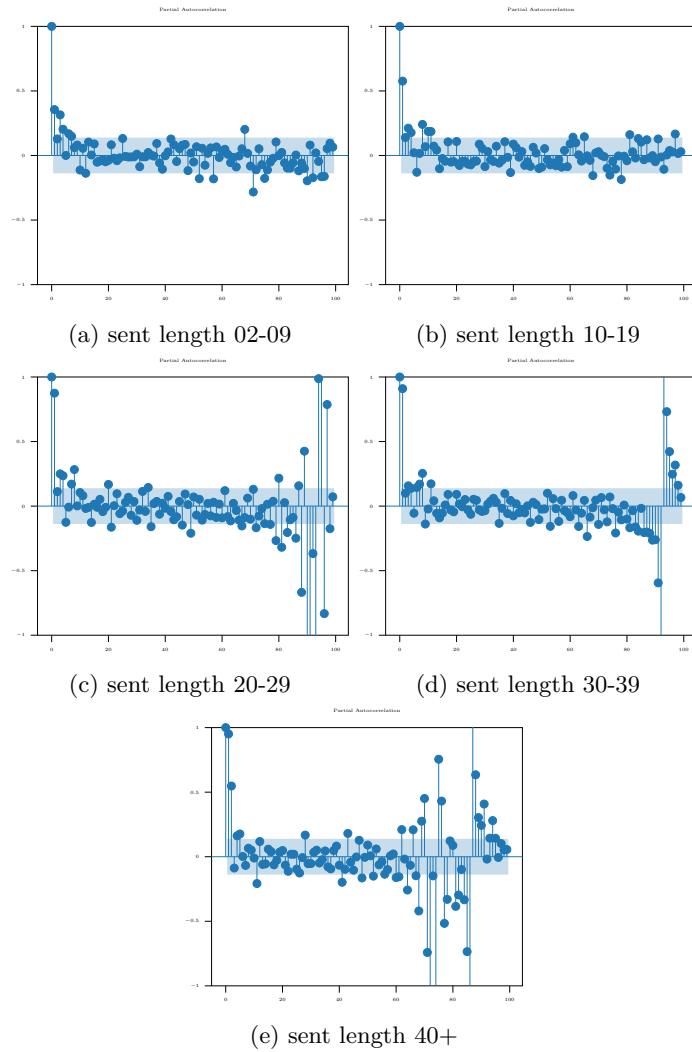
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sent length 20-29 - Correlation: -0.524308954950878
sent length 30-39 - Correlation: -0.686163132961504
sent length 40+ - Correlation: -0.8717541582342706

1.5 dependency index4

1.5.1 Statistics-acf



1.5.2 Statistics-pacf

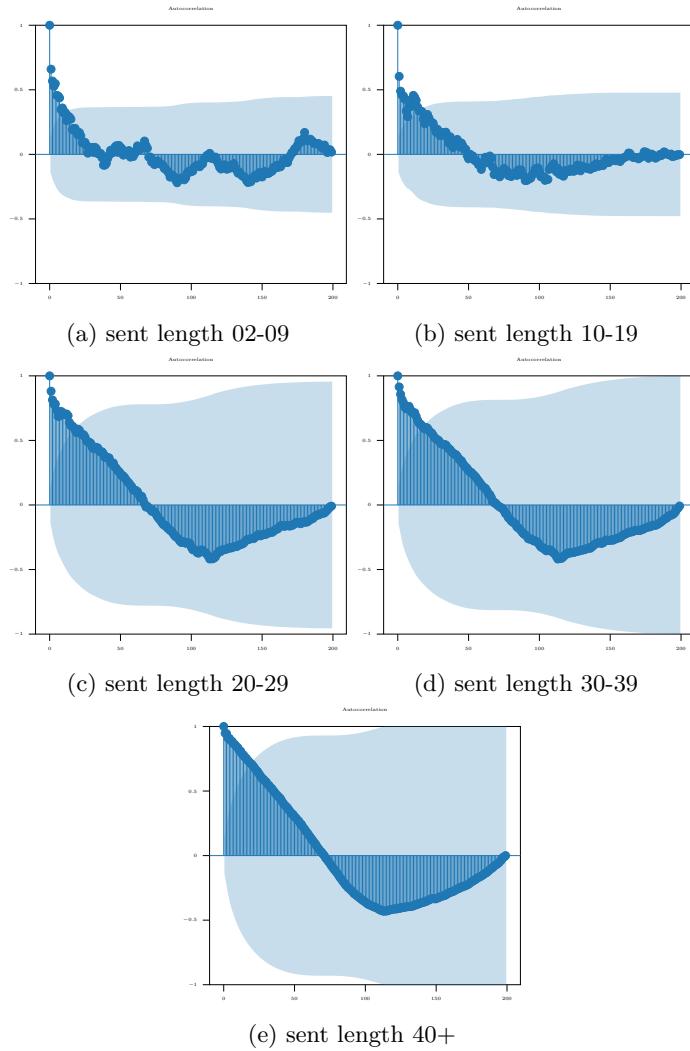


1.5.3 Statistics-cor

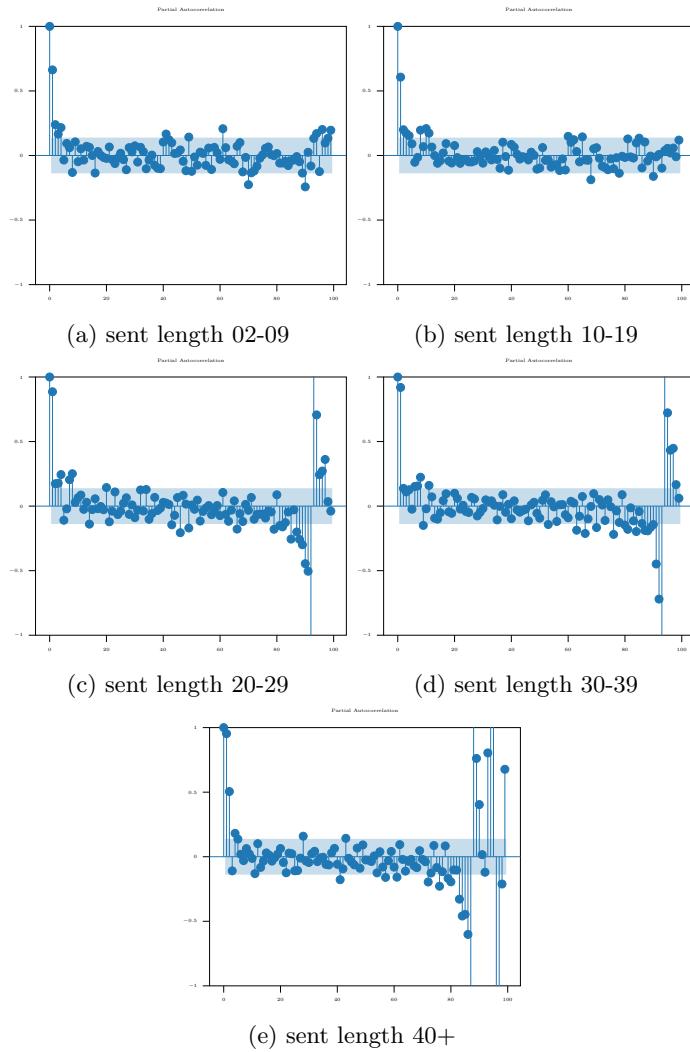
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sent length 20-29 - Correlation: 0.8148391672140621
sent length 30-39 - Correlation: 0.8703740243665564
sent length 40+ - Correlation: 0.9407126066440545

1.6 stratum of tree5

1.6.1 Statistics-acf



1.6.2 Statistics-pacf

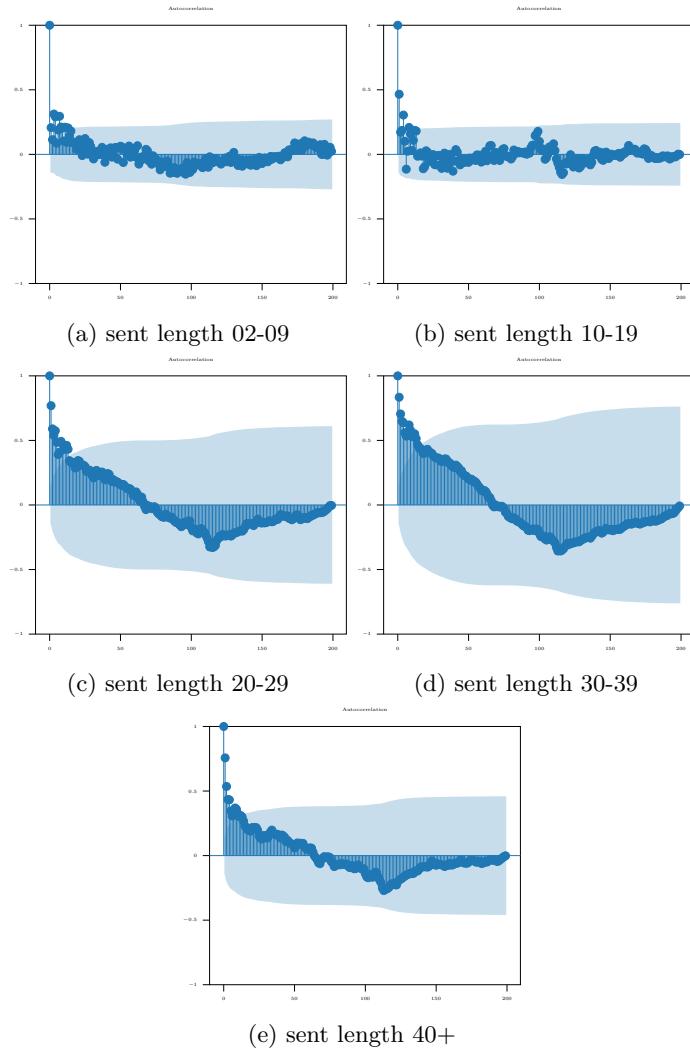


1.6.3 Statistics-cor

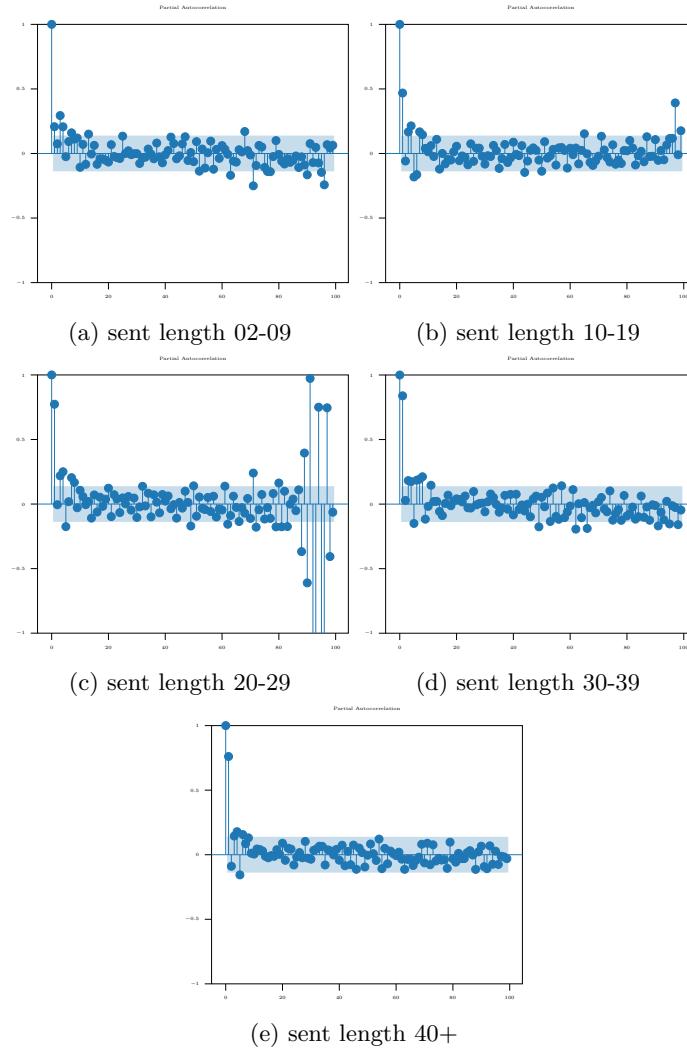
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sent length 20-29 - Correlation: 0.8364106742445281
sent length 30-39 - Correlation: 0.8841557376668927
sent length 40+ - Correlation: 0.9418402059076645

1.7 depth of tree6

1.7.1 Statistics-acf



1.7.2 Statistics-pacf

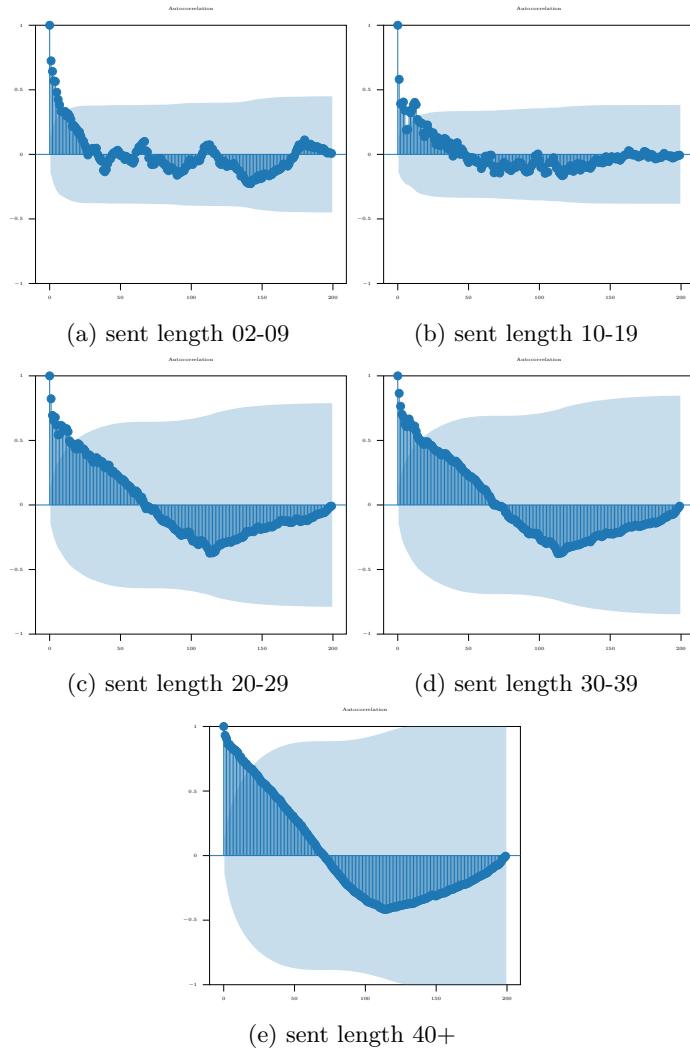


1.7.3 Statistics-cor

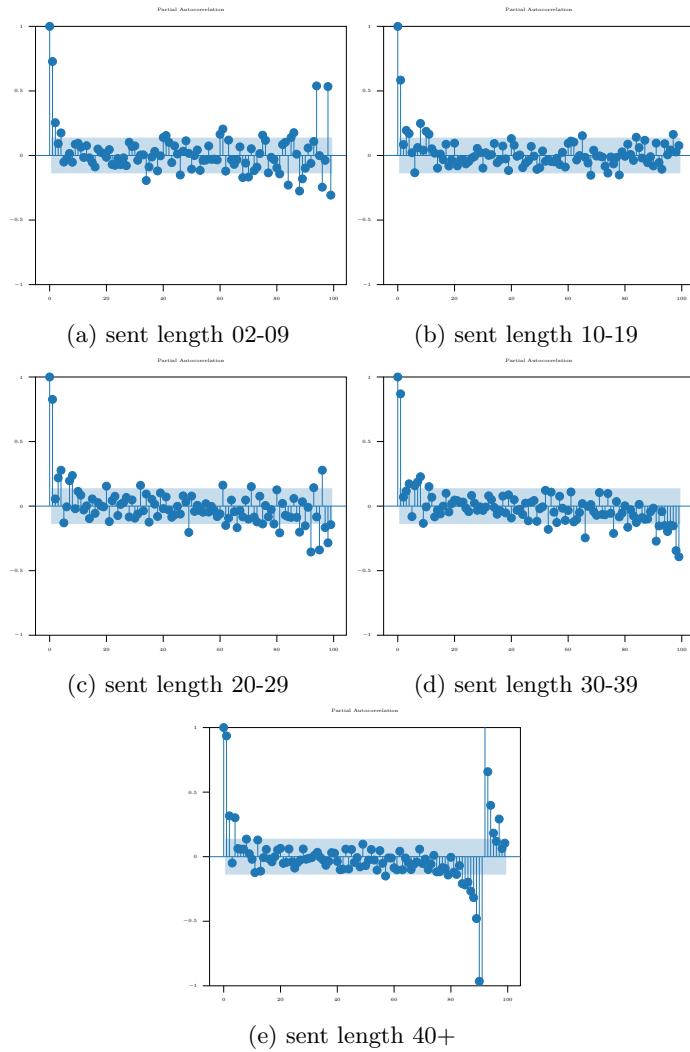
sent length 02-09 - Correlation: 0.18477203976595855
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sent length 20-29 - Correlation: 0.6676332275322299
sent length 30-39 - Correlation: 0.7669610884014951
sent length 40+ - Correlation: 0.5409135553684618

1.8 ratio vertices on lp from rt7

1.8.1 Statistics-acf



1.8.2 Statistics-pacf

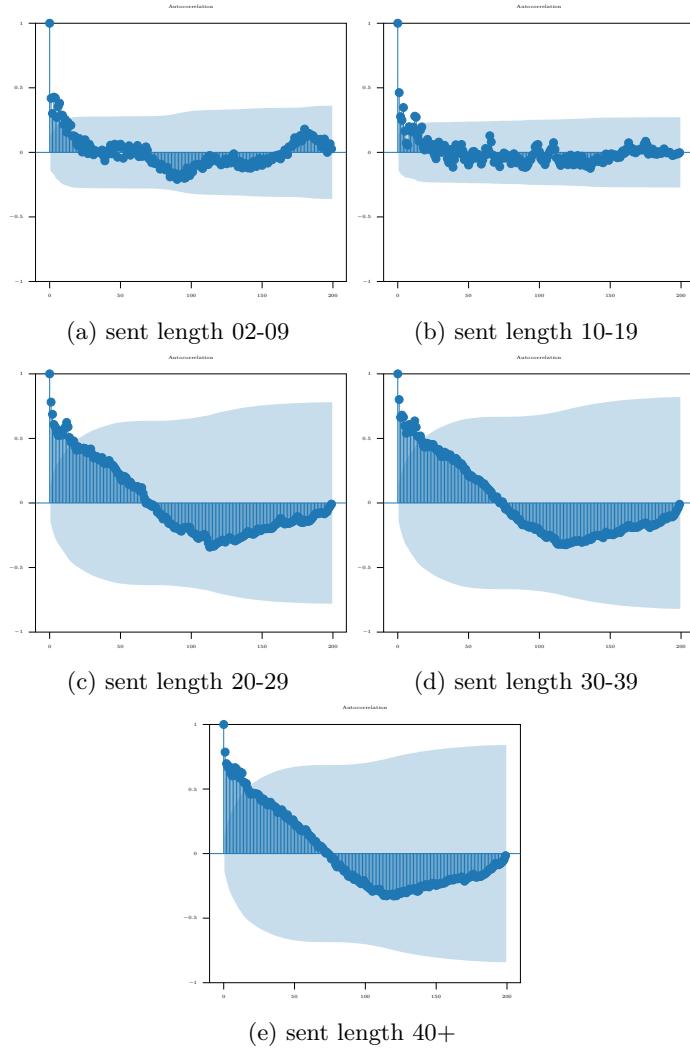


1.8.3 Statistics-cor

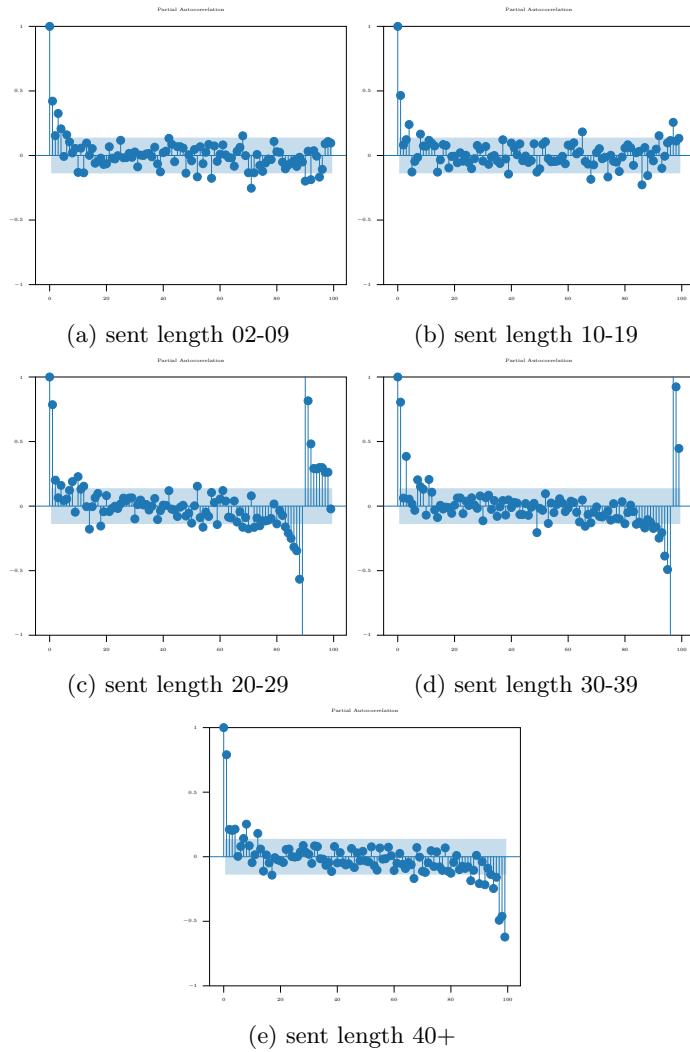
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sent length 20-29 - Correlation: 0.7607396888313134
sent length 30-39 - Correlation: 0.8138421281378474
sent length 40+ - Correlation: 0.921319087733324

1.9 leaf distance entropy8

1.9.1 Statistics-acf



1.9.2 Statistics-pacf

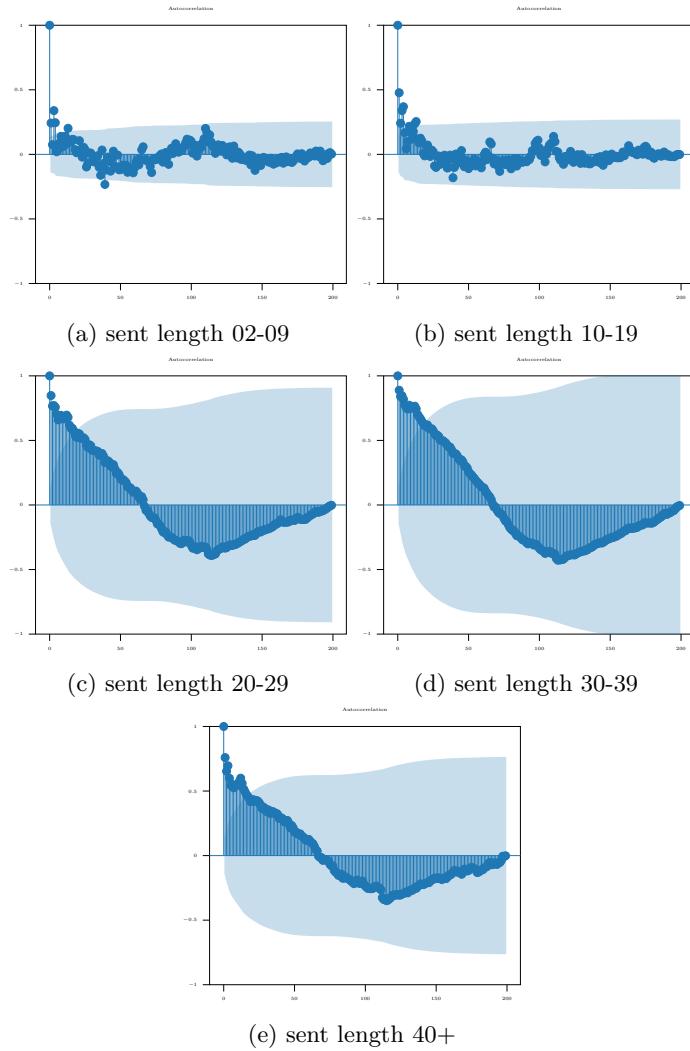


1.9.3 Statistics-cor

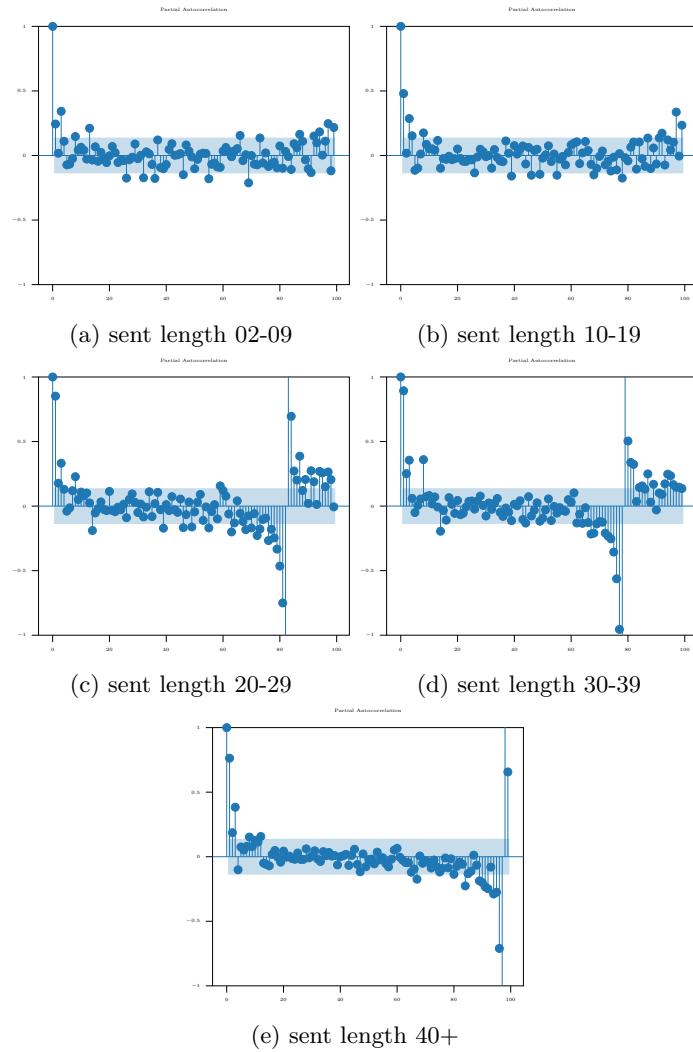
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sent length 20-29 - Correlation: 0.7829878259837453
sent length 30-39 - Correlation: 0.8297835390350897
sent length 40+ - Correlation: 0.8358617258330815

1.10 ratio of leafs at d1 to rt9

1.10.1 Statistics-acf



1.10.2 Statistics-pacf

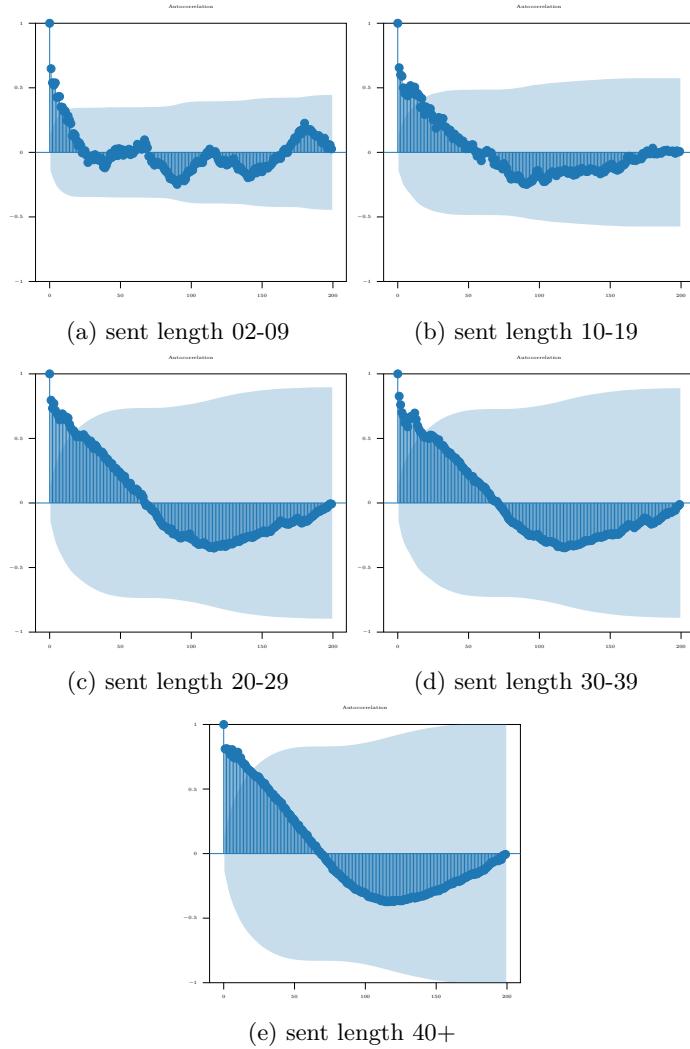


1.10.3 Statistics-cor

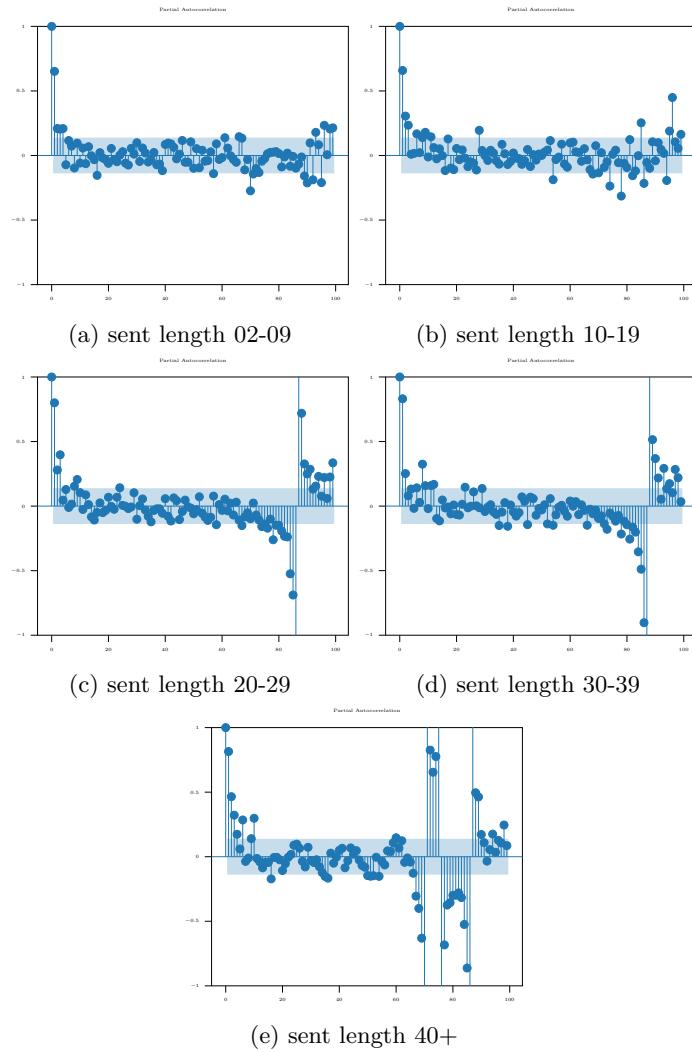
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sent length 20-29 - Correlation: -0.7862046953367411
sent length 30-39 - Correlation: -0.8623412086162596
sent length 40+ - Correlation: -0.7492137175675051

1.11 mean dependency distance10

1.11.1 Statistics-acf



1.11.2 Statistics-pacf

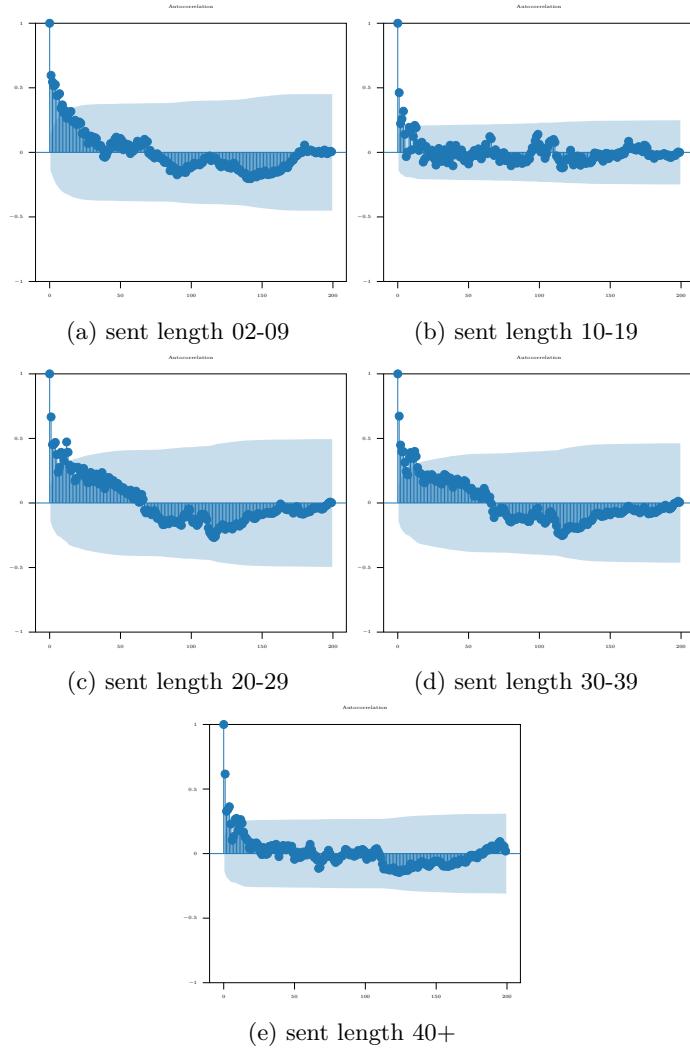


1.11.3 Statistics-cor

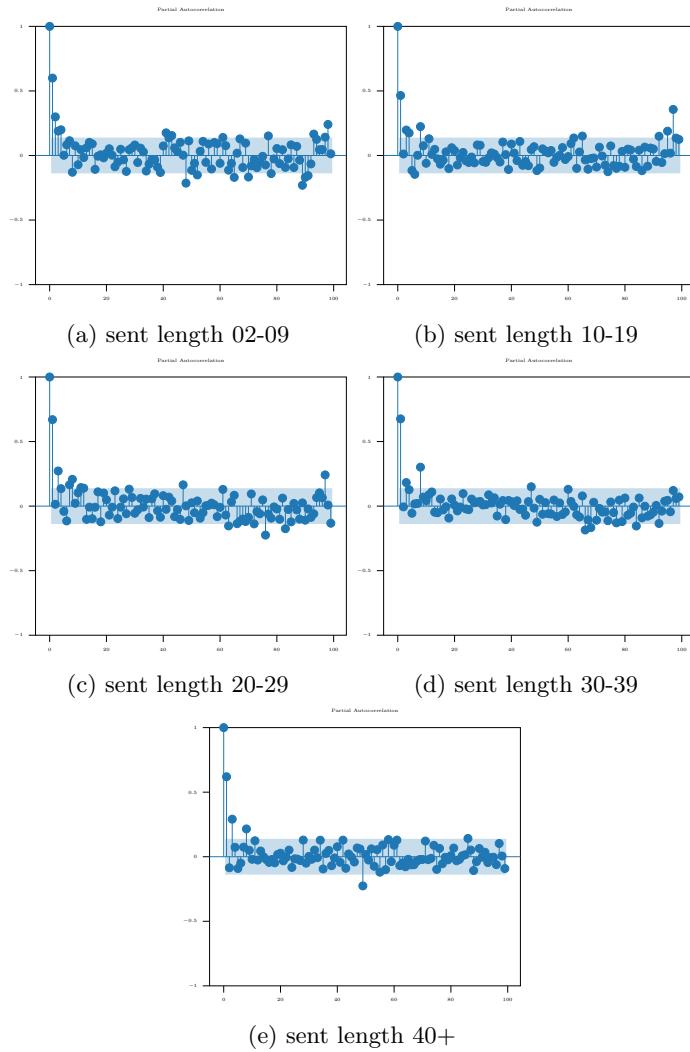
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1.12 dependency distance entropy11

1.12.1 Statistics-acf



1.12.2 Statistics-pacf

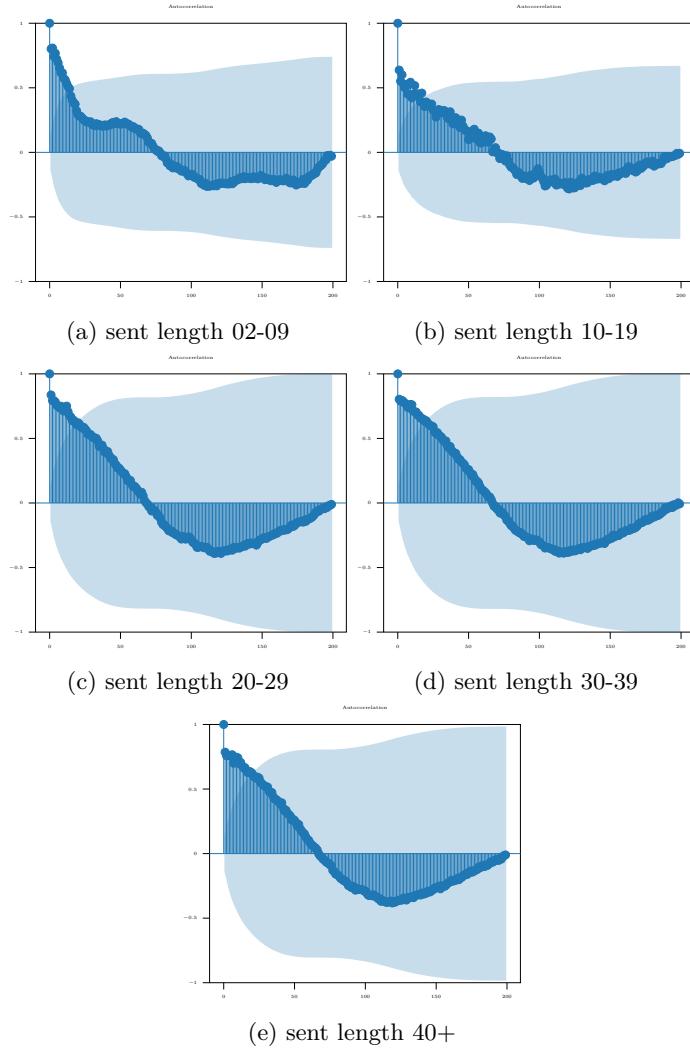


1.12.3 Statistics-cor

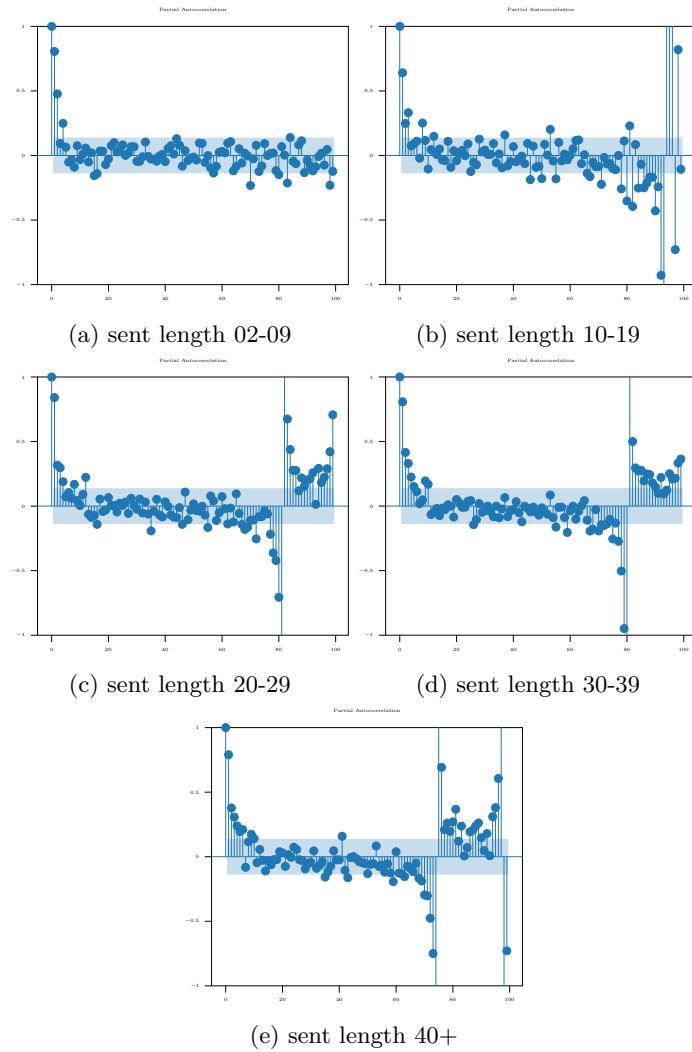
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sent length 30-39 - Correlation: -0.545650569352441
sent length 40+ - Correlation: 0.3654498750652553

1.13 ratio arcs adjacent tokens12

1.13.1 Statistics-acf



1.13.2 Statistics-pacf

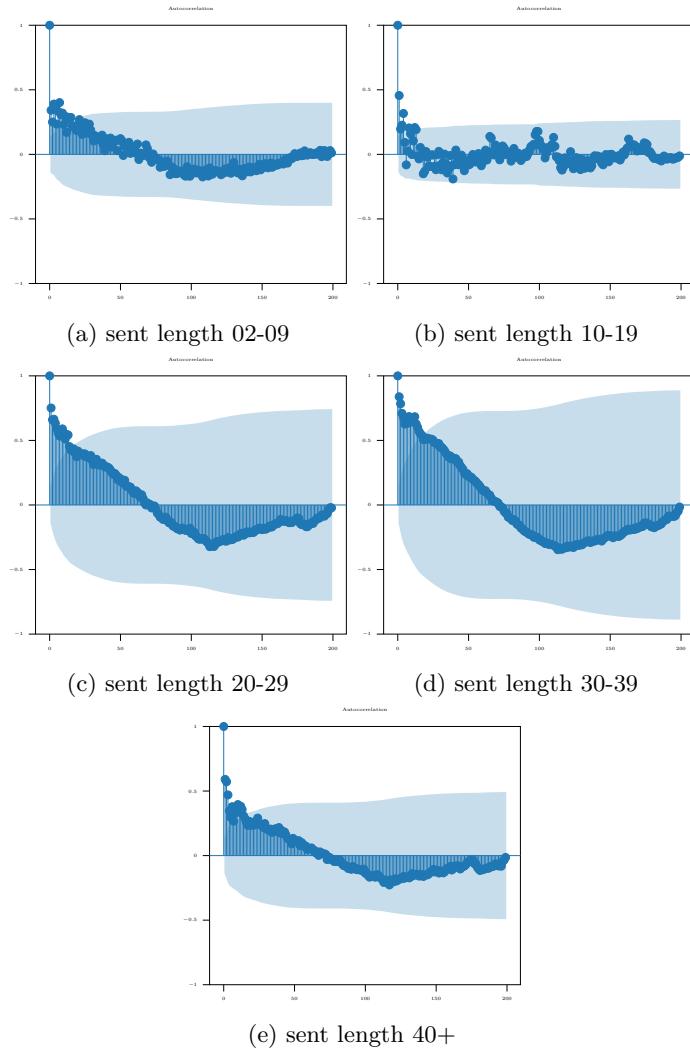


1.13.3 Statistics-cor

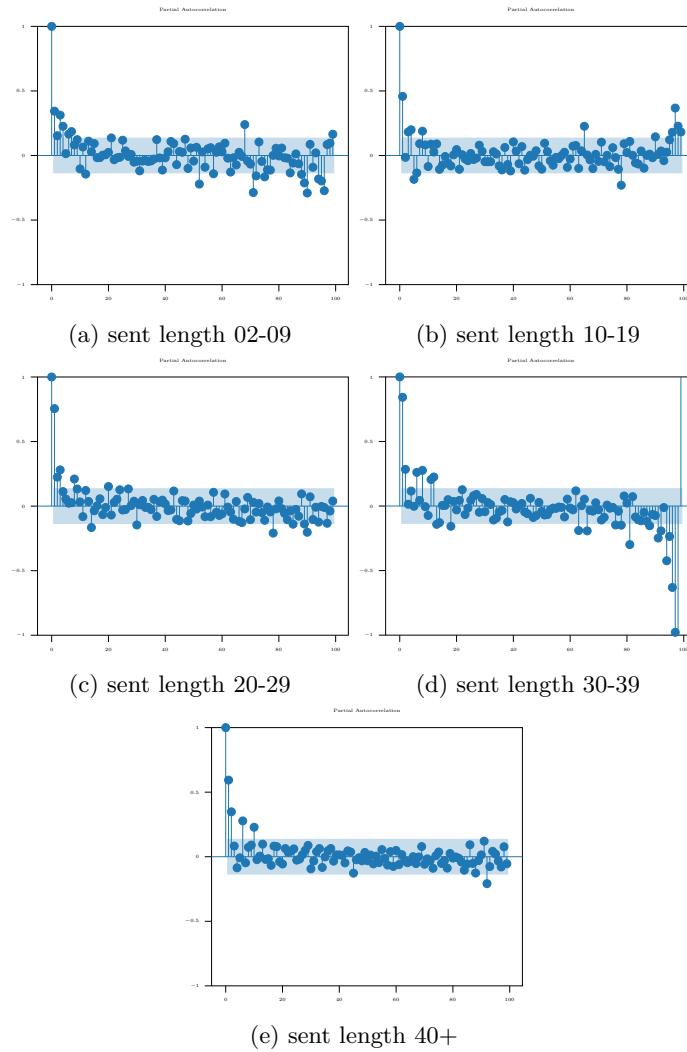
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sent length 20-29 - Correlation: 0.86932668780034
sent length 30-39 - Correlation: 0.8519281439951981
sent length 40+ - Correlation: 0.8523819135517268

1.14 ratio arcs distances occ once13

1.14.1 Statistics-acf



1.14.2 Statistics-pacf

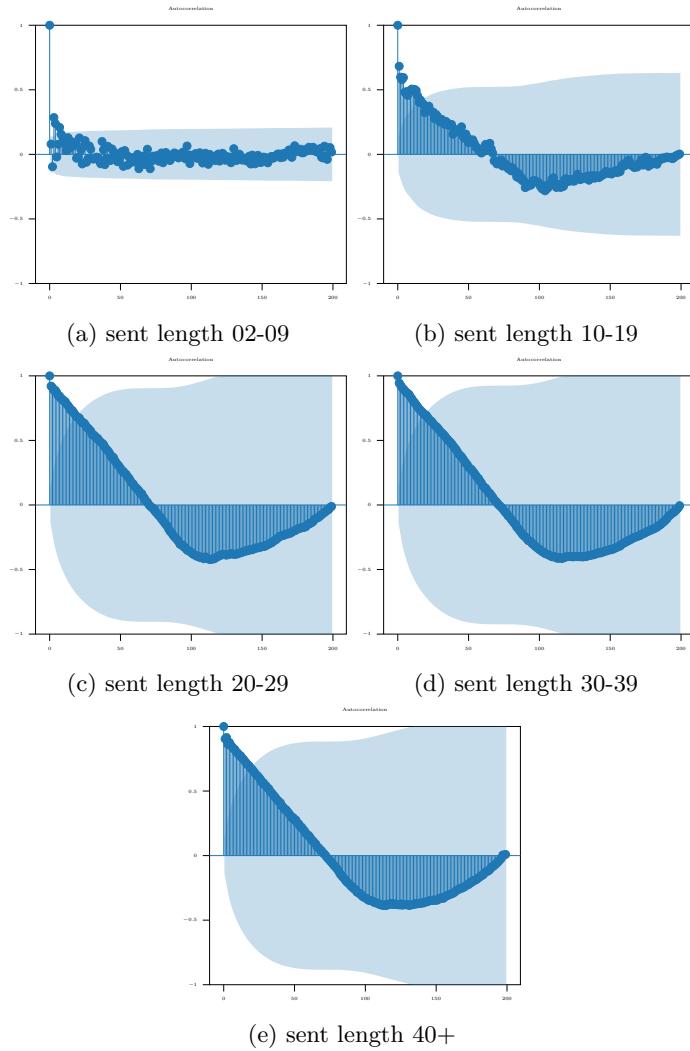


1.14.3 Statistics-cor

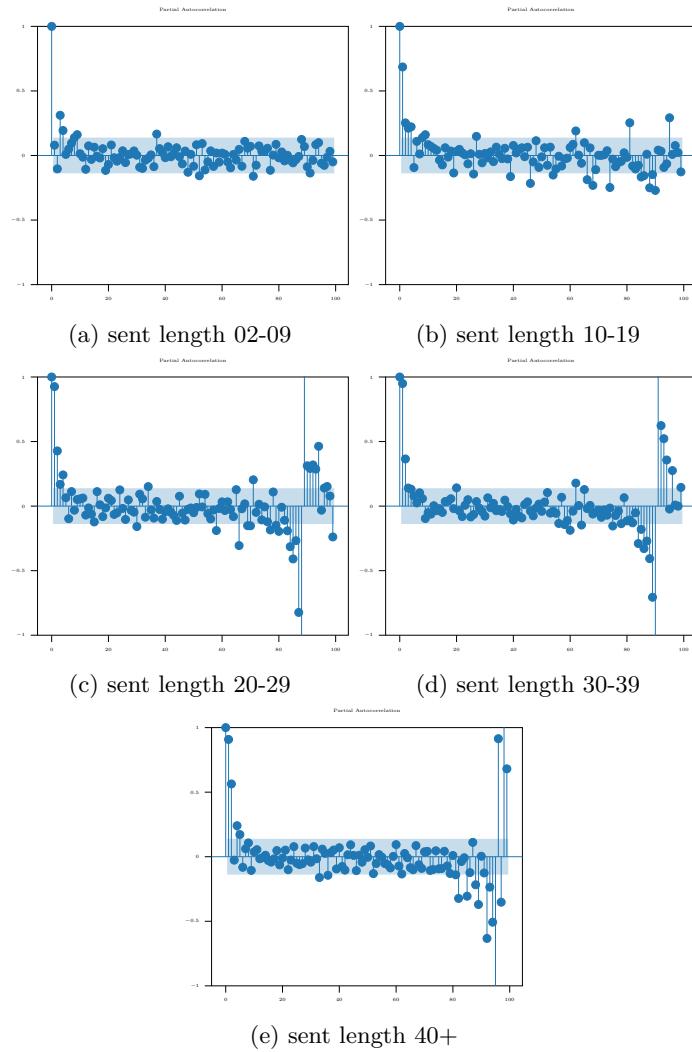
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sent length 20-29 - Correlation: -0.7644260303138816
sent length 30-39 - Correlation: -0.8451175691665873
sent length 40+ - Correlation: -0.622528392576781

1.15 imbalance index14

1.15.1 Statistics-acf



1.15.2 Statistics-pacf

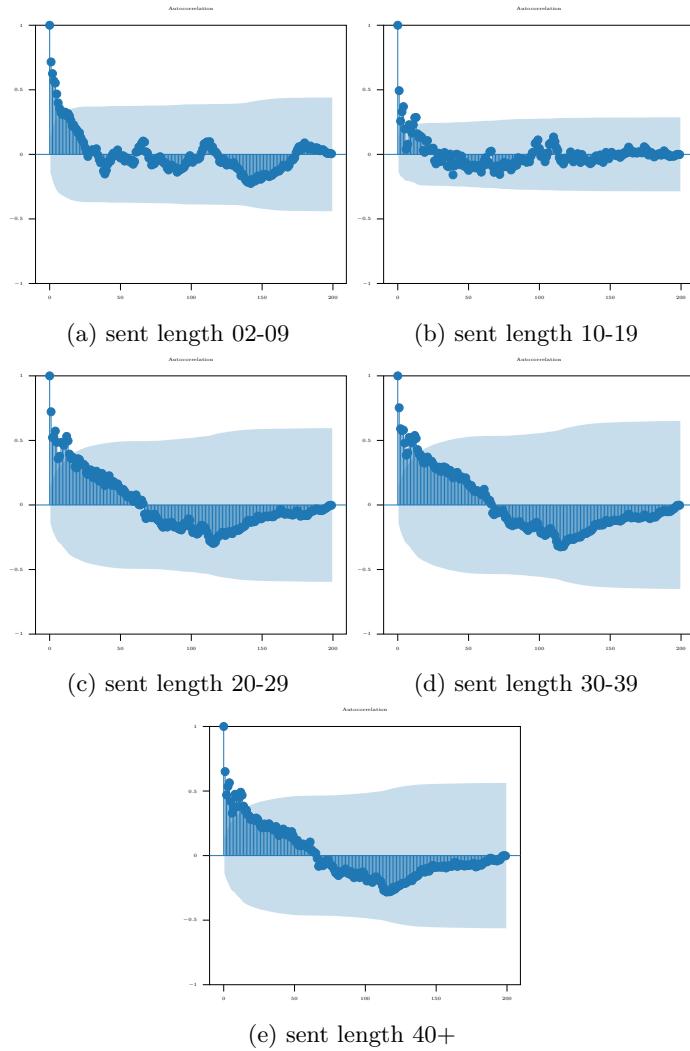


1.15.3 Statistics-cor

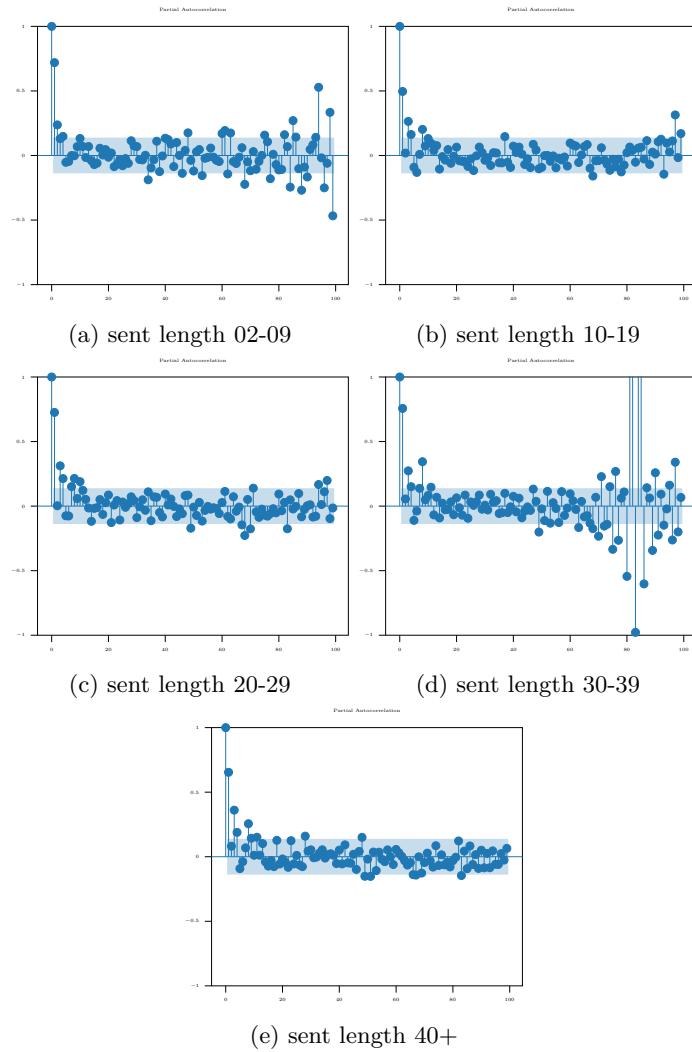
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sent length 20-29 - Correlation: 0.926237256143497
sent length 30-39 - Correlation: 0.9525456239246147
sent length 40+ - Correlation: 0.9280081701848538

1.16 ratio of leafs15

1.16.1 Statistics-acf



1.16.2 Statistics-pacf

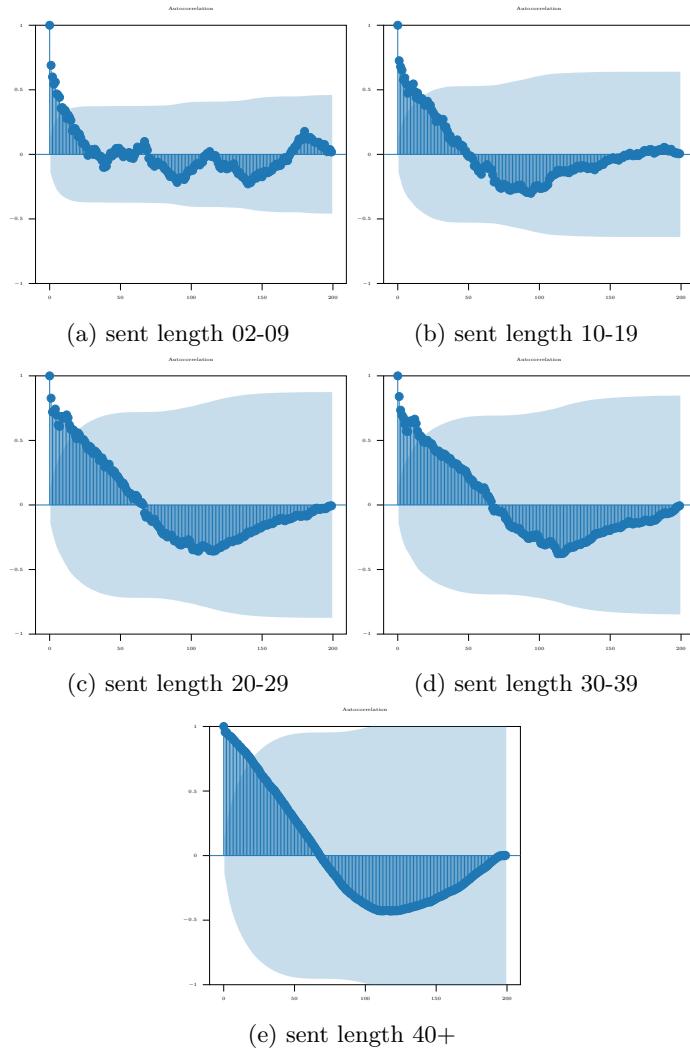


1.16.3 Statistics-cor

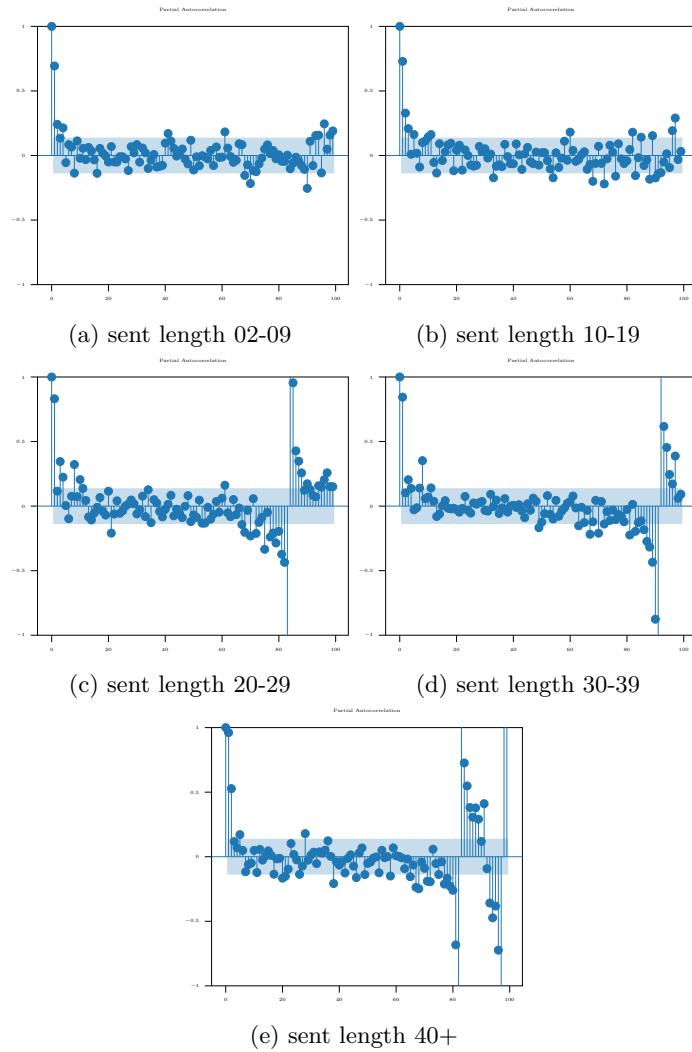
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sent length 30-39 - Correlation: -0.669729692812586
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1.17 number of leafs16

1.17.1 Statistics-acf



1.17.2 Statistics-pacf

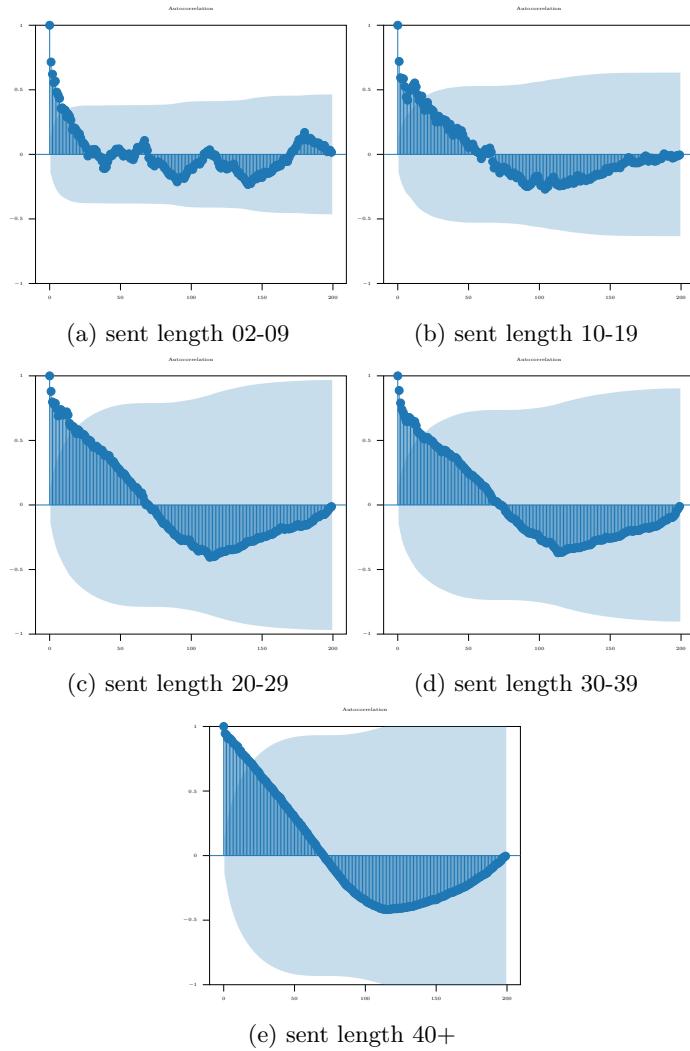


1.17.3 Statistics-cor

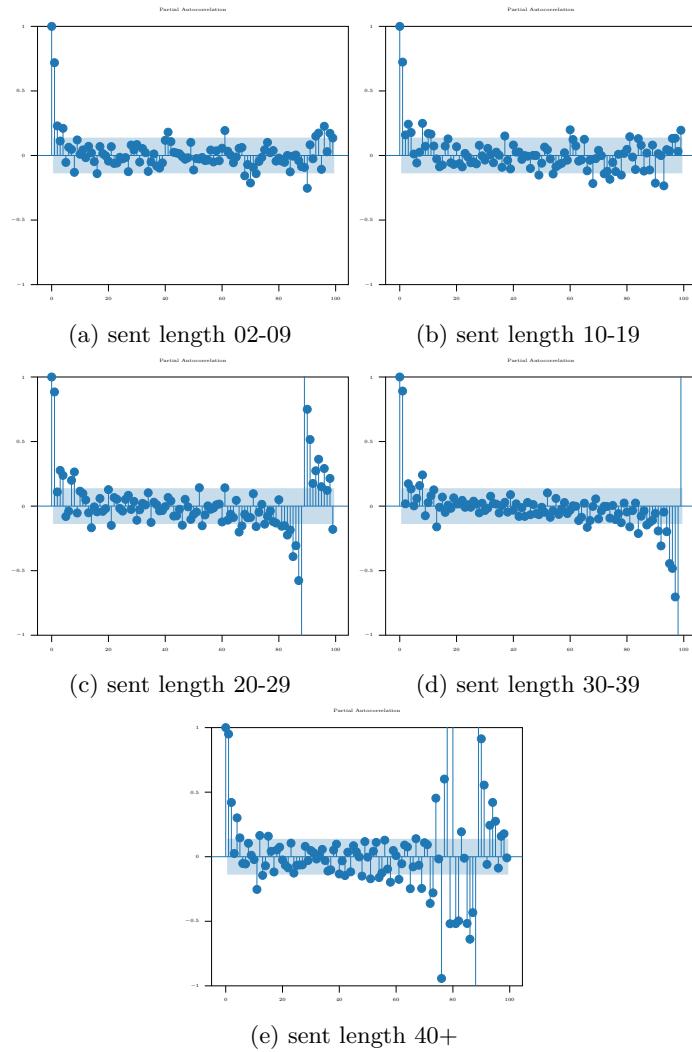
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sent length 20-29 - Correlation: -0.7460926524669288
sent length 30-39 - Correlation: -0.7802965196325201
sent length 40+ - Correlation: -0.9214717723723856

1.18 width of tree19

1.18.1 Statistics-acf



1.18.2 Statistics-pacf

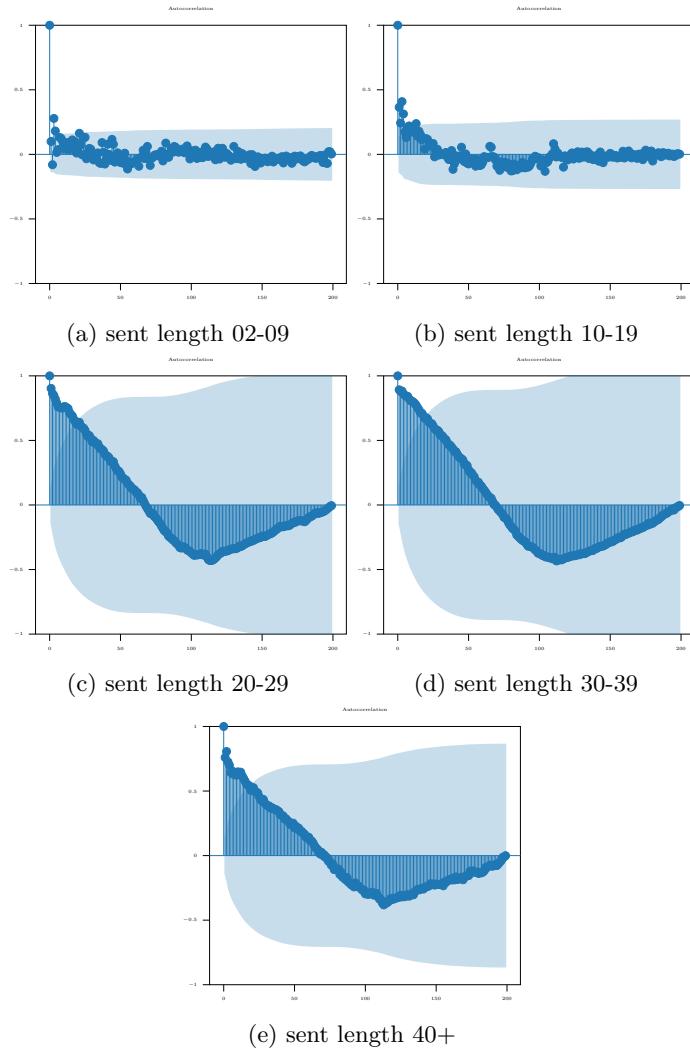


1.18.3 Statistics-cor

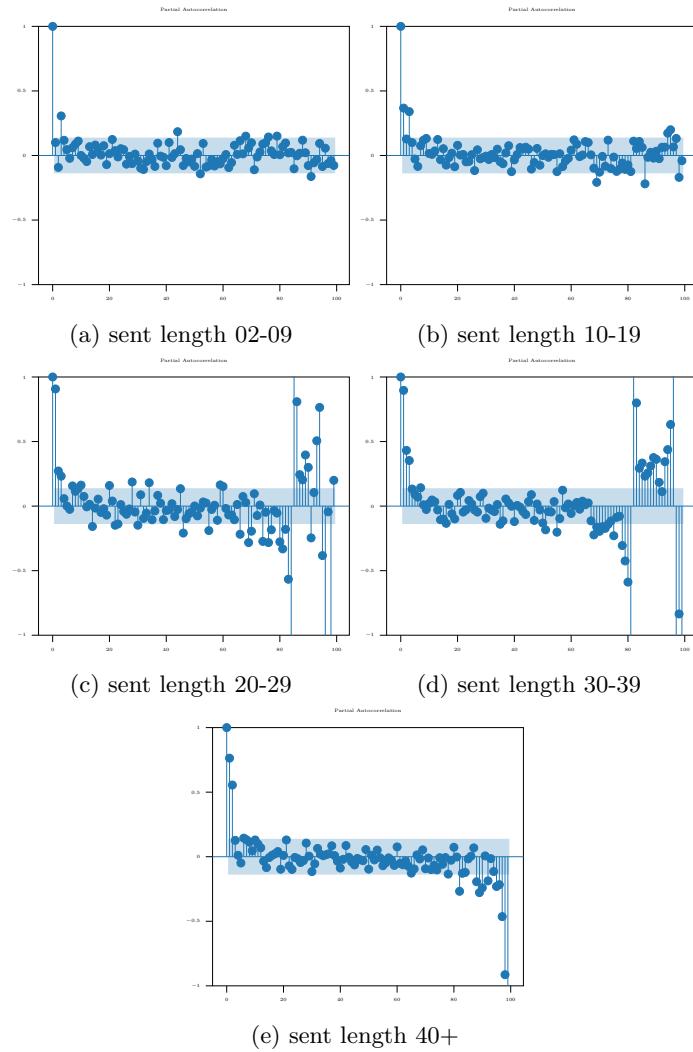
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sent length 20-29 - Correlation: -0.8617359315796173
sent length 30-39 - Correlation: -0.8600122150414221
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1.19 lowest lv max width20

1.19.1 Statistics-acf



1.19.2 Statistics-pacf

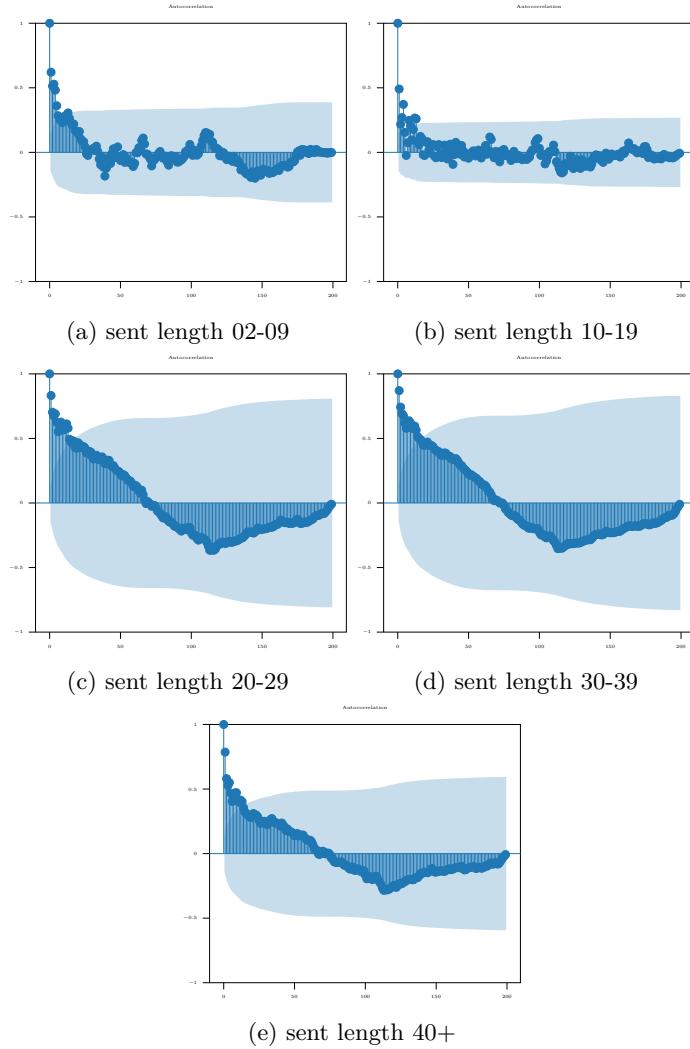


1.19.3 Statistics-cor

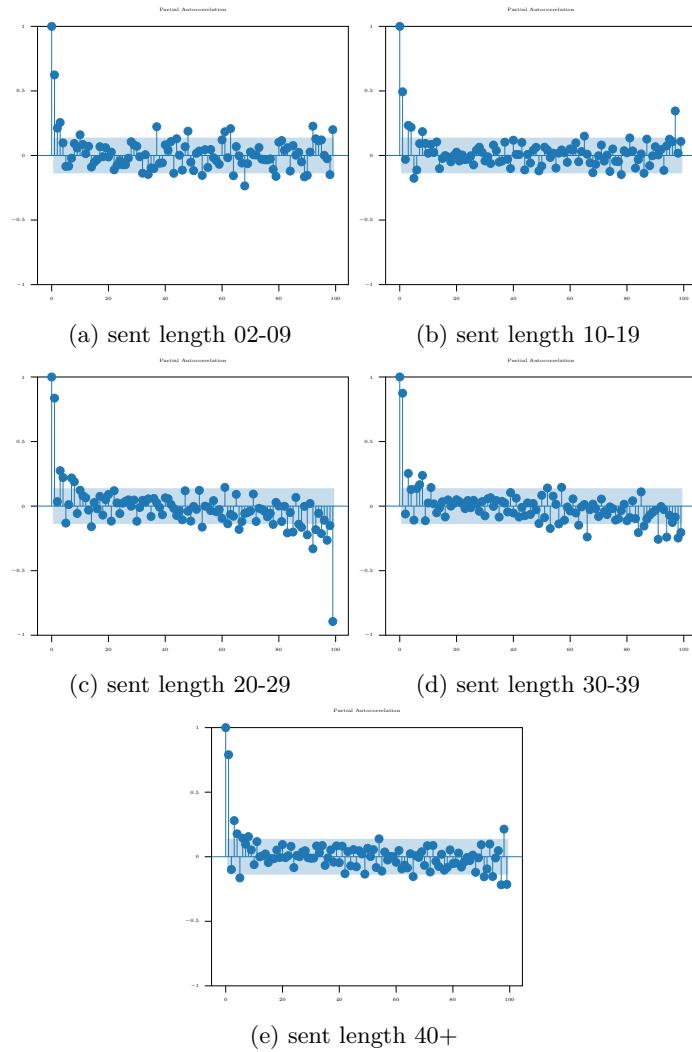
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sent length 10-19 - Correlation: 0.24866556267578666
sent length 20-29 - Correlation: 0.84688656556056
sent length 30-39 - Correlation: 0.8926502385533563
sent length 40+ - Correlation: 0.8109721247677825

1.20 ratio vertices belonging latter level21

1.20.1 Statistics-acf



1.20.2 Statistics-pacf

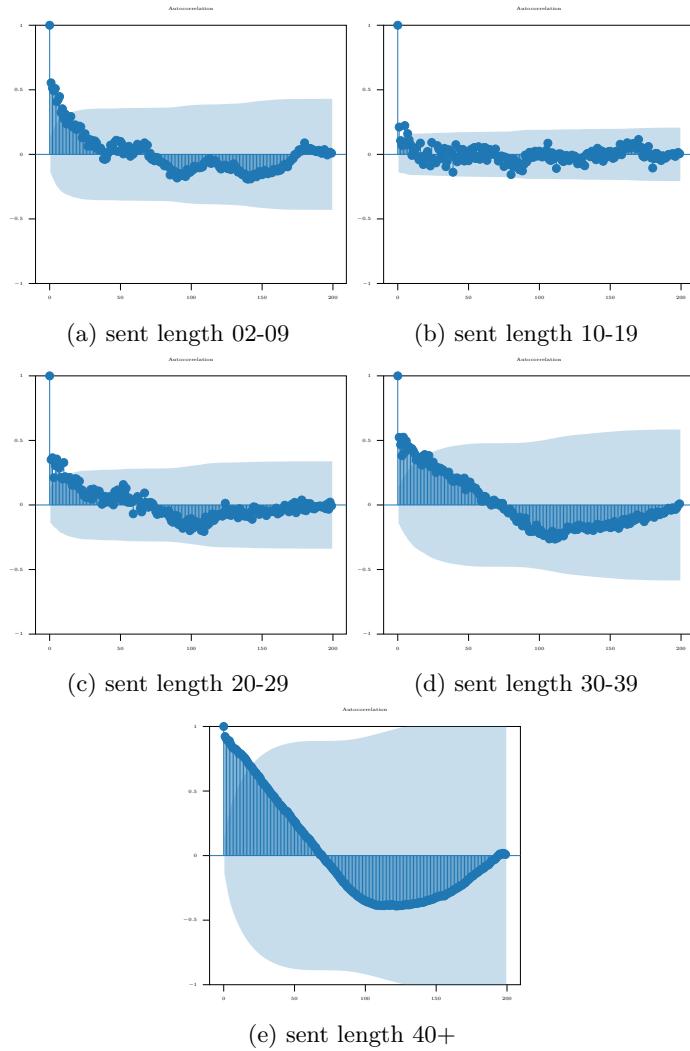


1.20.3 Statistics-cor

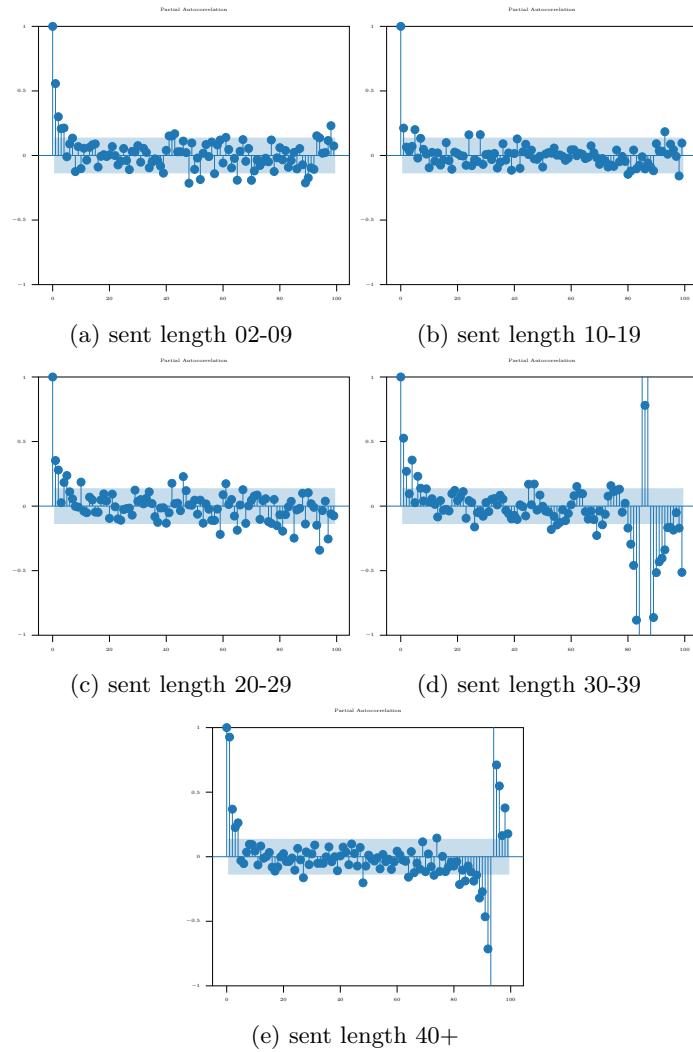
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sent length 30-39 - Correlation: -0.8239451464999649
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1.21 Hirsch index22

1.21.1 Statistics-acf



1.21.2 Statistics-pacf

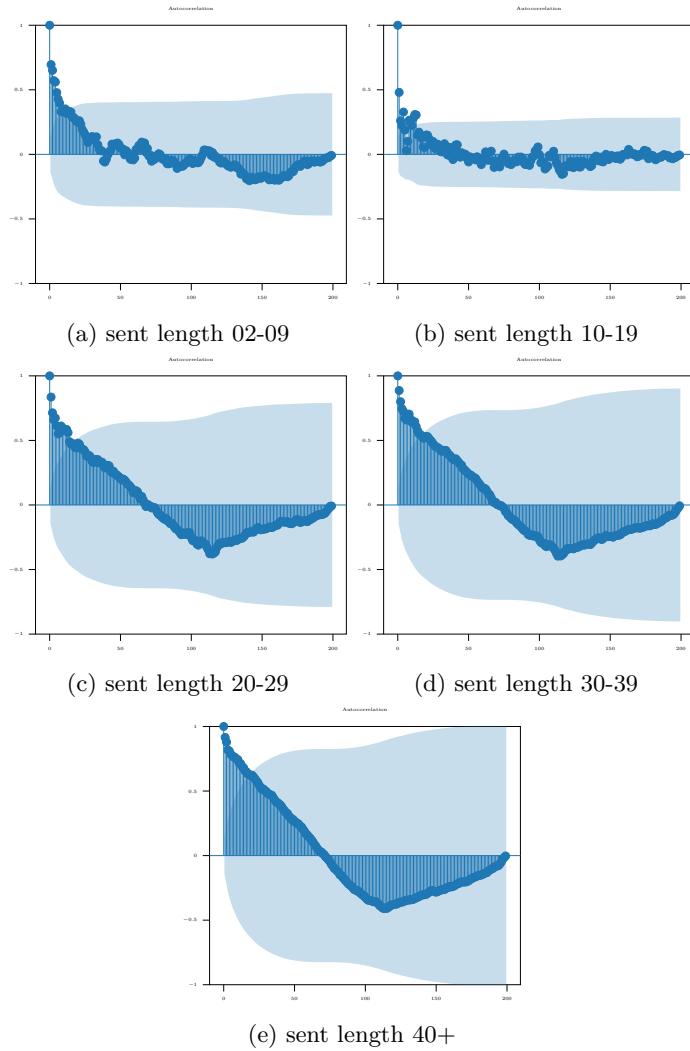


1.21.3 Statistics-cor

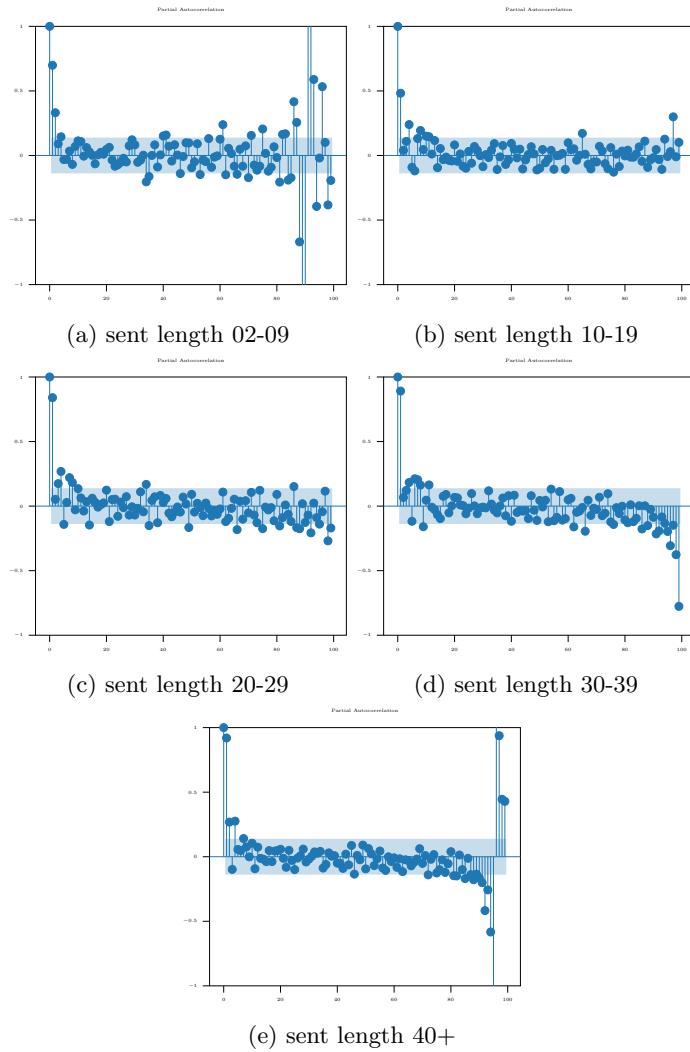
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sent length 20-29 - Correlation: -0.41200250687179013
sent length 30-39 - Correlation: -0.6565949240551231
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1.22 ratio vertices contributing h index23

1.22.1 Statistics-acf



1.22.2 Statistics-pacf

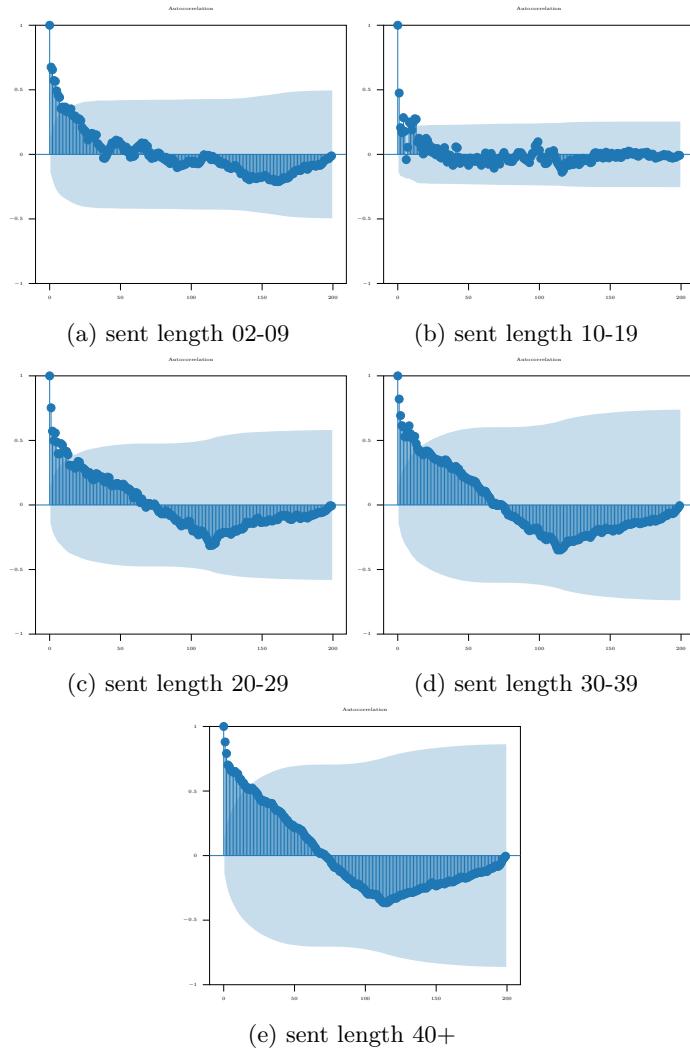


1.22.3 Statistics-cor

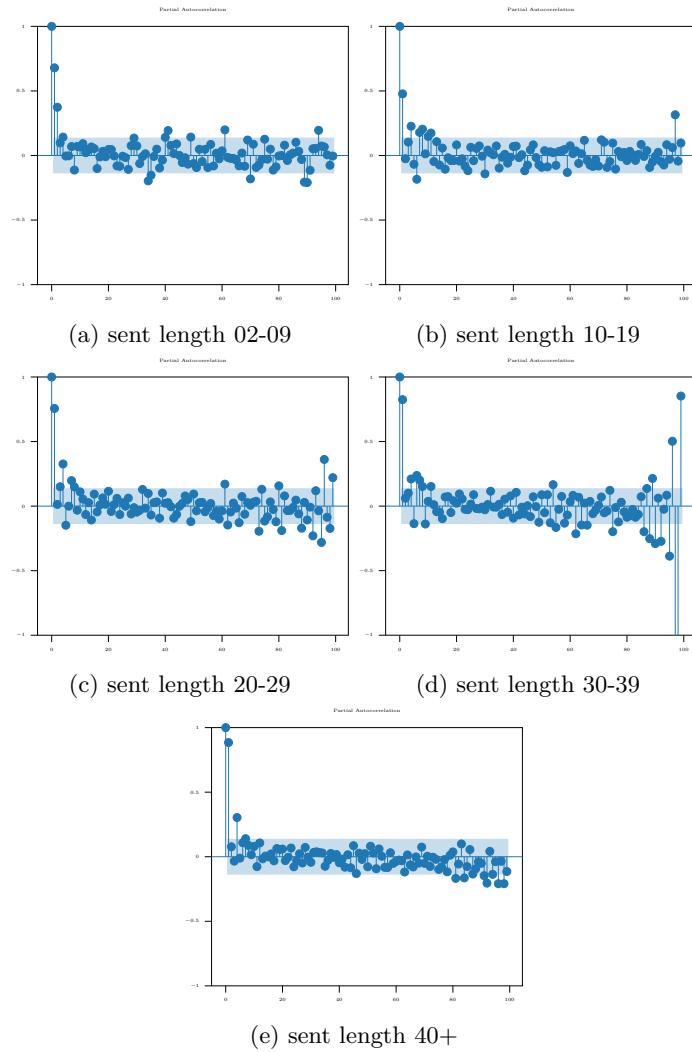
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sent length 10-19 - Correlation: -0.3369814025105603
sent length 20-29 - Correlation: -0.7694385493066273
sent length 30-39 - Correlation: -0.8436067100805856
sent length 40+ - Correlation: -0.8881230770868436

1.23 relative h index24

1.23.1 Statistics-acf



1.23.2 Statistics-pacf



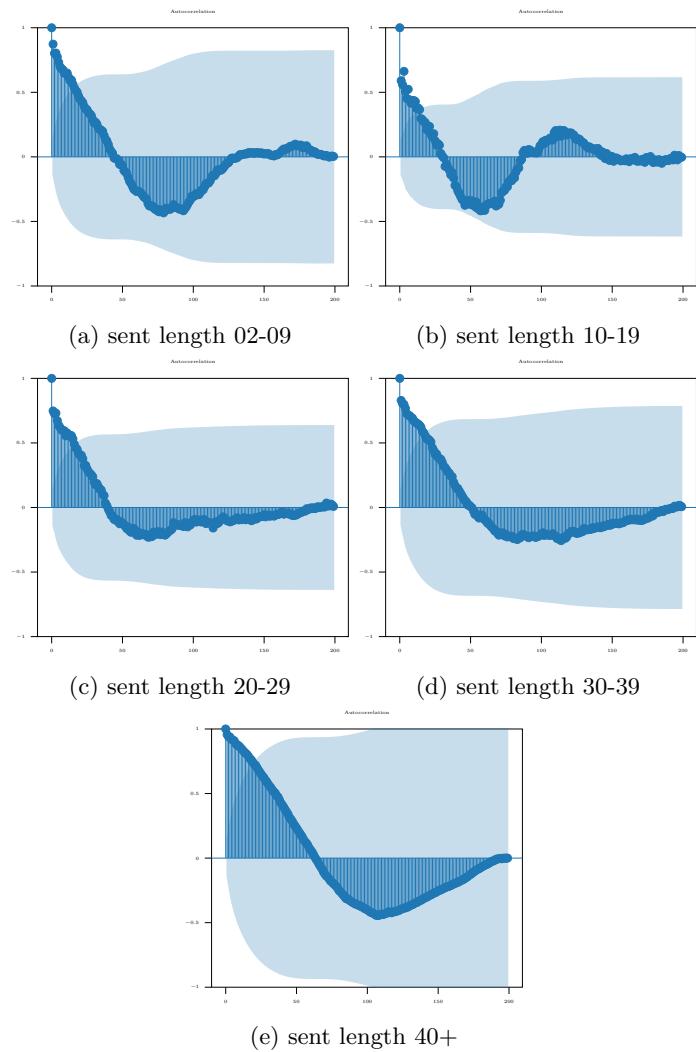
1.23.3 Statistics-cor

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sent length 10-19 - Correlation: -0.26354407829747367
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sent length 30-39 - Correlation: -0.7577227231649806
sent length 40+ - Correlation: -0.8203844771924516

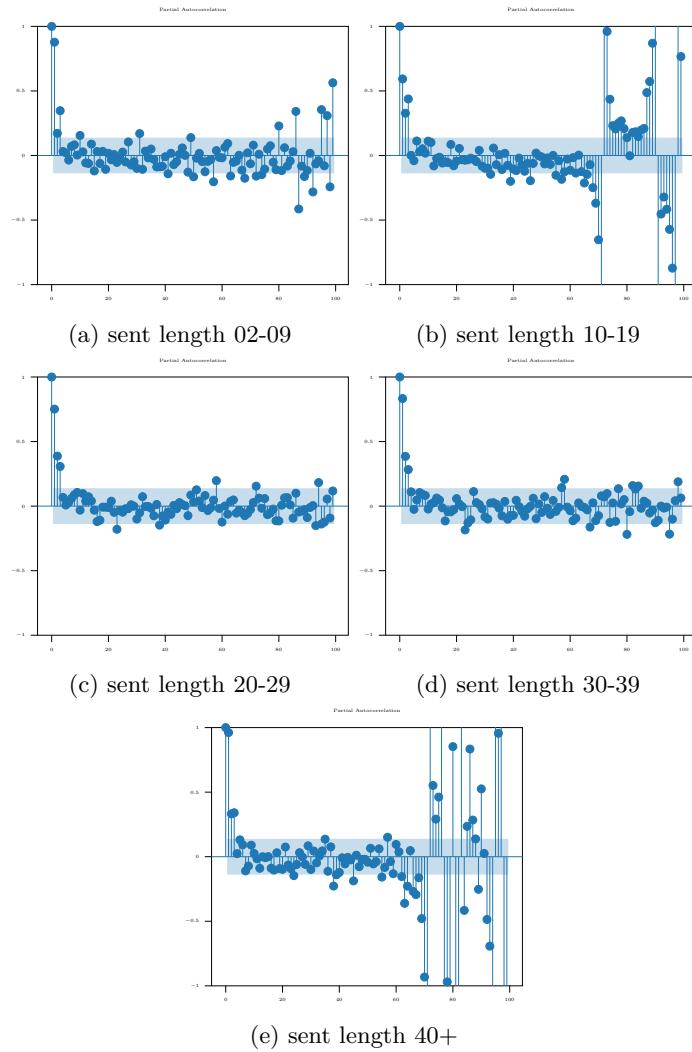
2 doc-Based:

2.1 n verbs0

2.1.1 Statistics-acf



2.1.2 Statistics-pacf

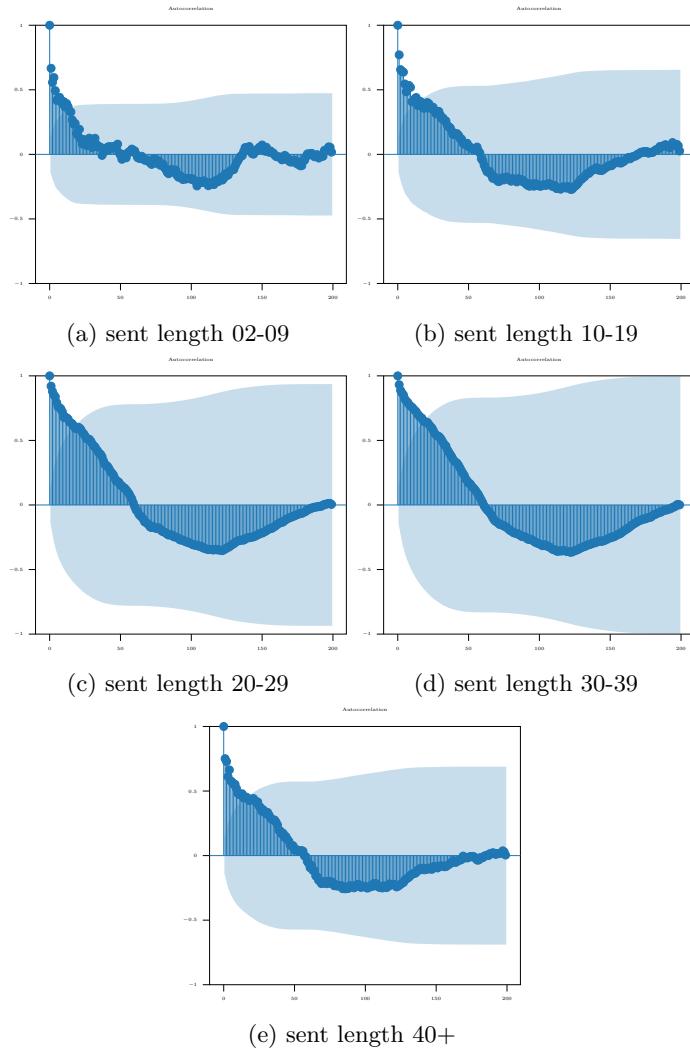


2.1.3 Statistics-cor

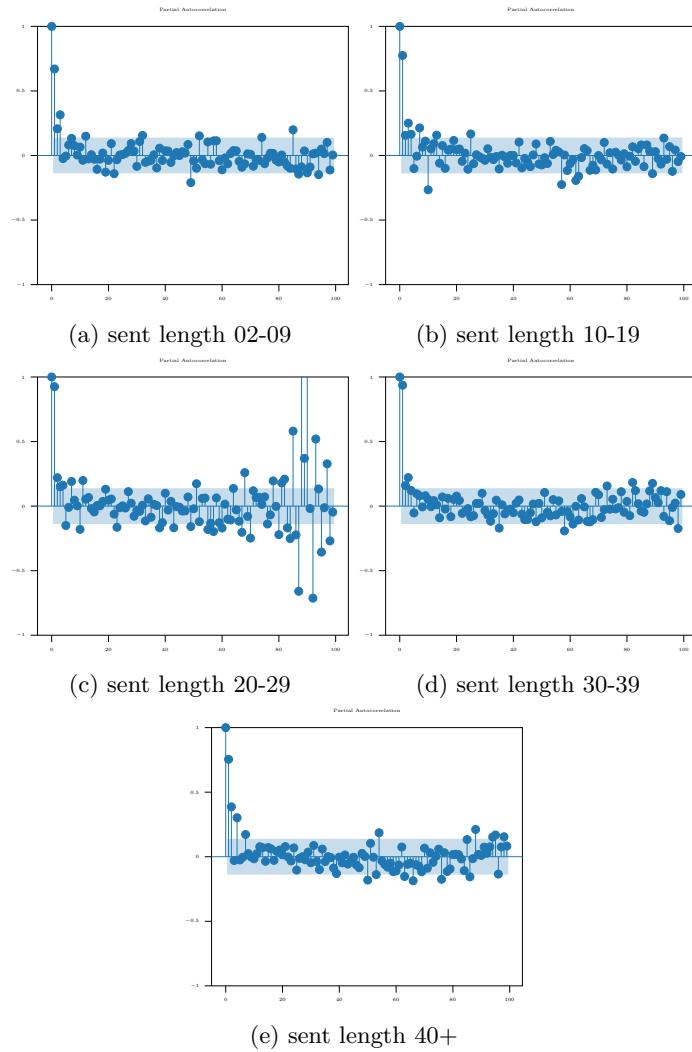
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sent length 30-39 - Correlation: -0.646144519074819
sent length 40+ - Correlation: -0.8527863419709437

2.2 complexity ratio1

2.2.1 Statistics-acf



2.2.2 Statistics-pacf

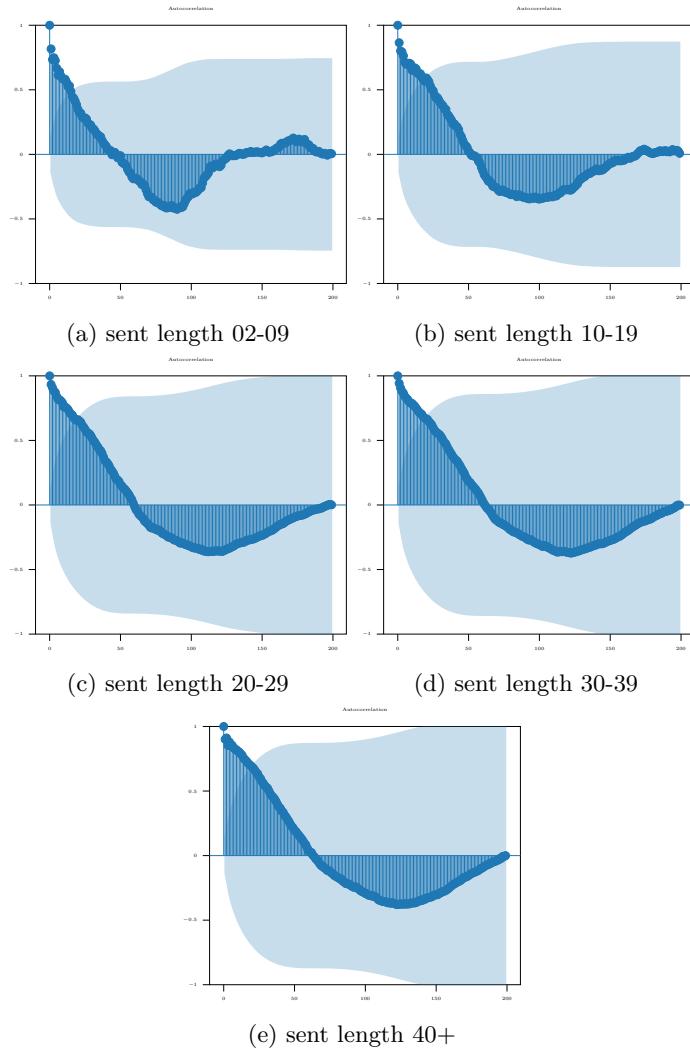


2.2.3 Statistics-cor

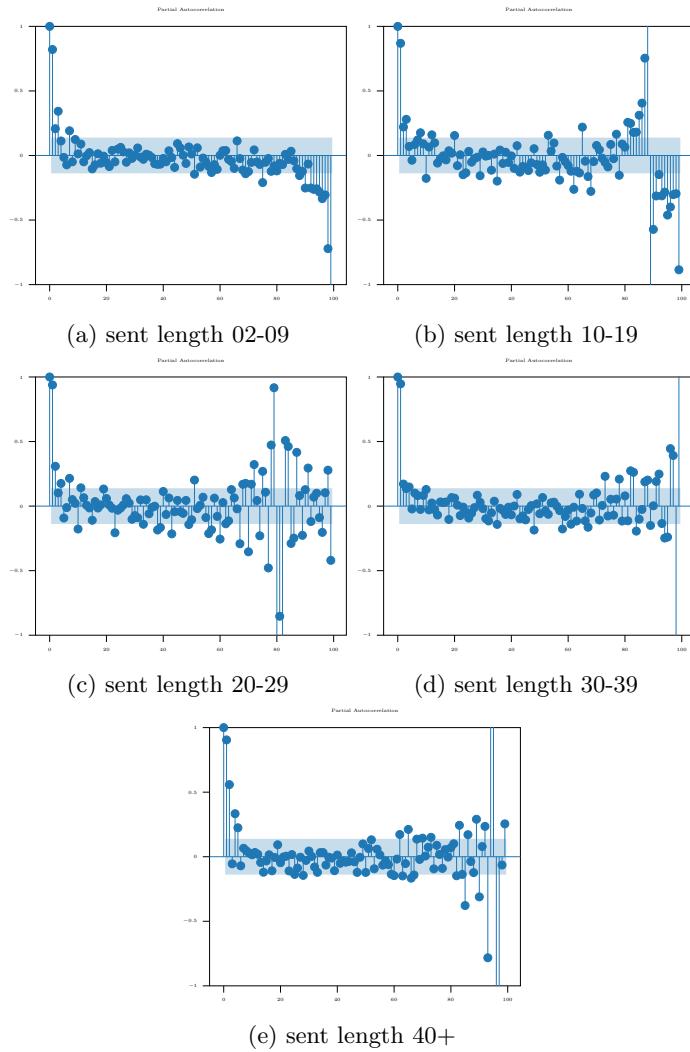
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sent length 10-19 - Correlation: -0.5008423002645679
sent length 20-29 - Correlation: -0.7571390624986848
sent length 30-39 - Correlation: -0.8137910958233531
sent length 40+ - Correlation: -0.5636185022002148

2.3 absolute complexity2

2.3.1 Statistics-acf



2.3.2 Statistics-pacf

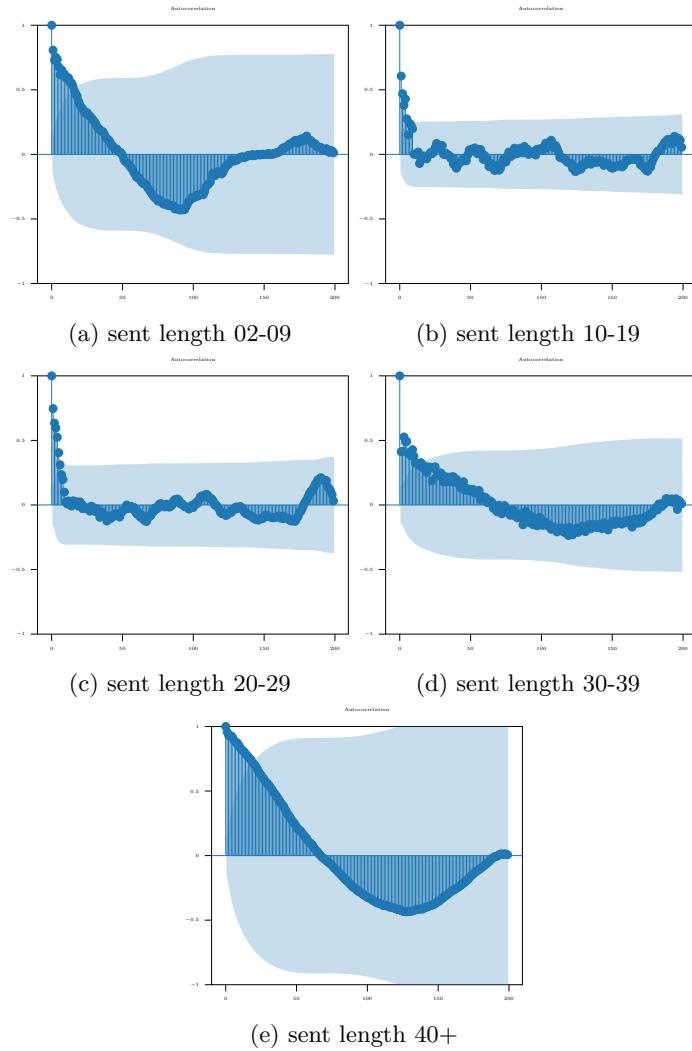


2.3.3 Statistics-cor

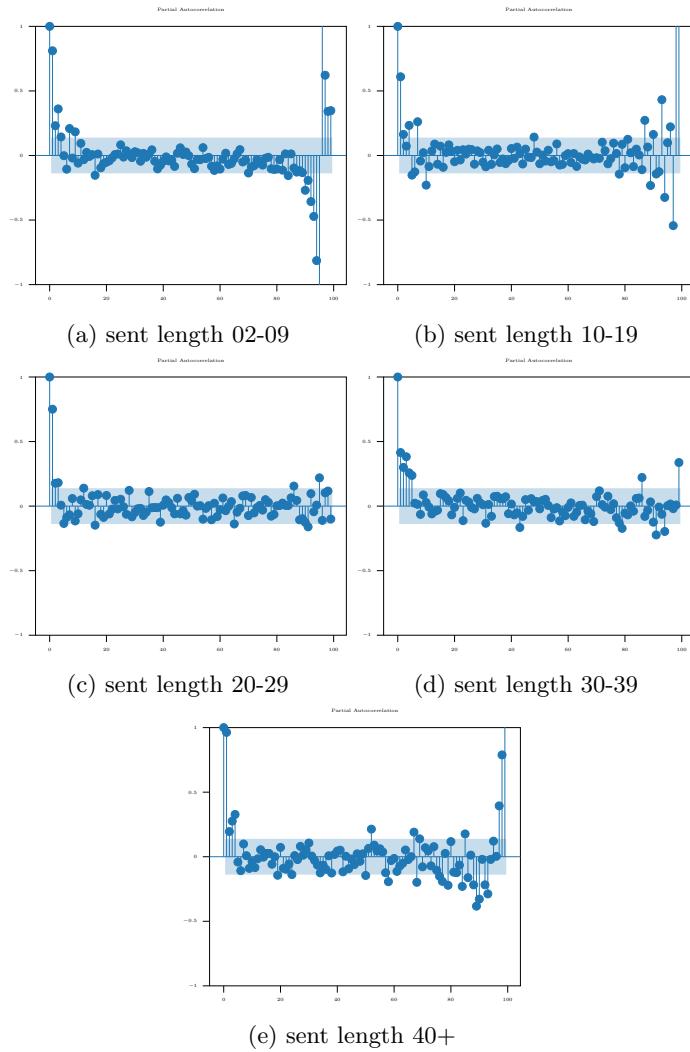
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sent length 20-29 - Correlation: -0.7944287991942394
sent length 30-39 - Correlation: -0.841144607892579
sent length 40+ - Correlation: -0.868190647105517

2.4 order of tree3

2.4.1 Statistics-acf



2.4.2 Statistics-pacf

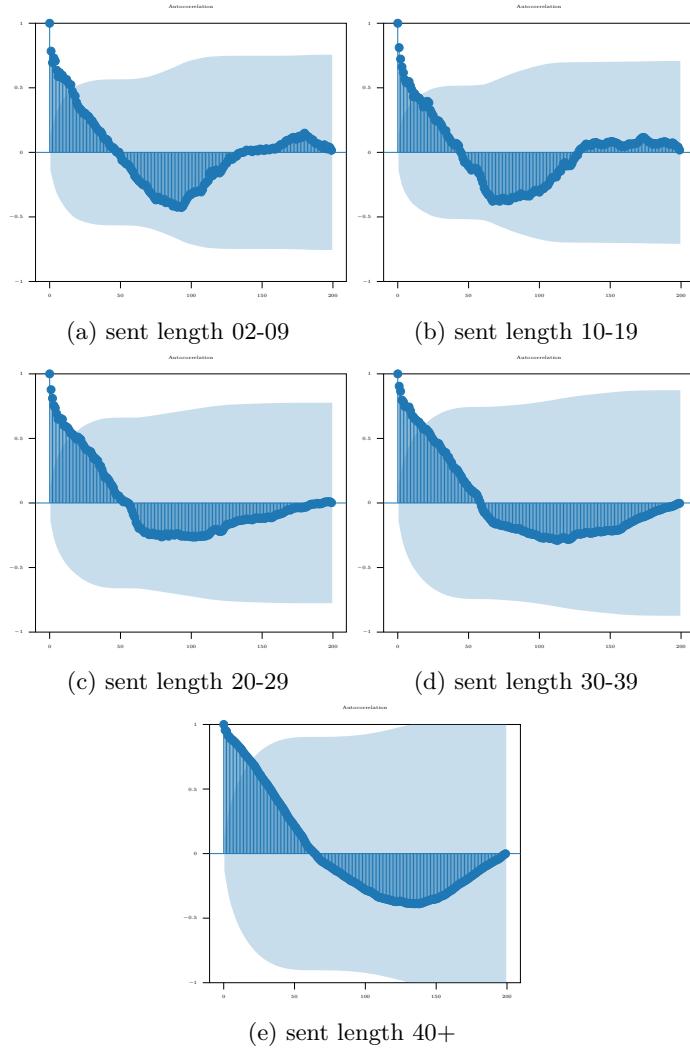


2.4.3 Statistics-cor

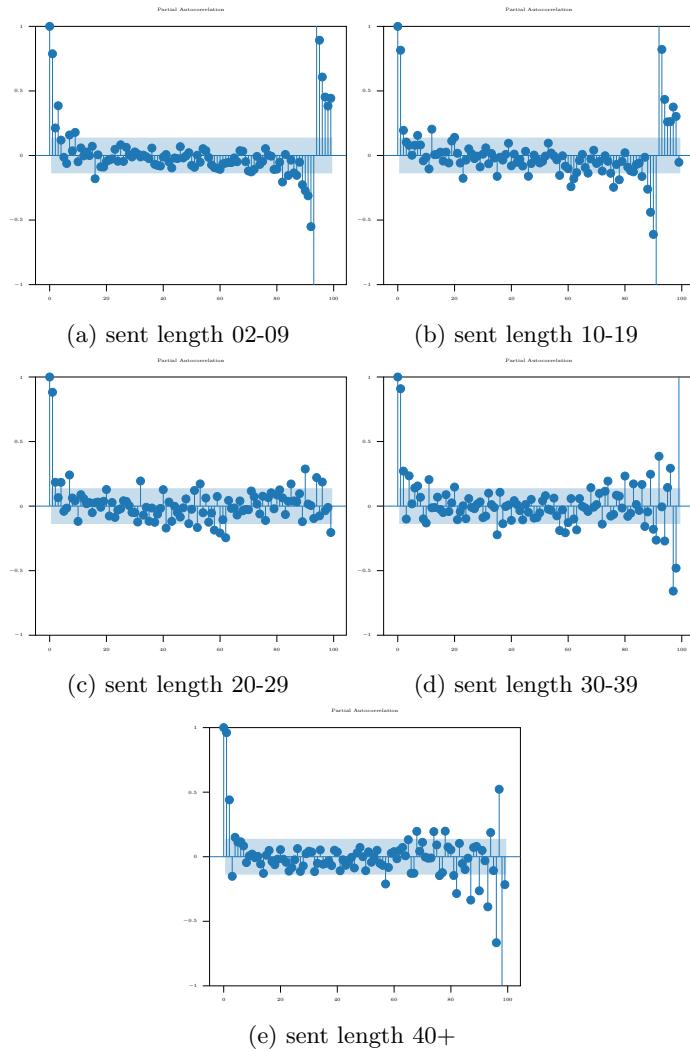
sent length 02-09 - Correlation: -0.3326914379714299
sent length 10-19 - Correlation: 0.249662798772946
sent length 20-29 - Correlation: -0.12214442183973166
sent length 30-39 - Correlation: -0.5900337867553991
sent length 40+ - Correlation: -0.8953478698489072

2.5 dependency index4

2.5.1 Statistics-acf



2.5.2 Statistics-pacf

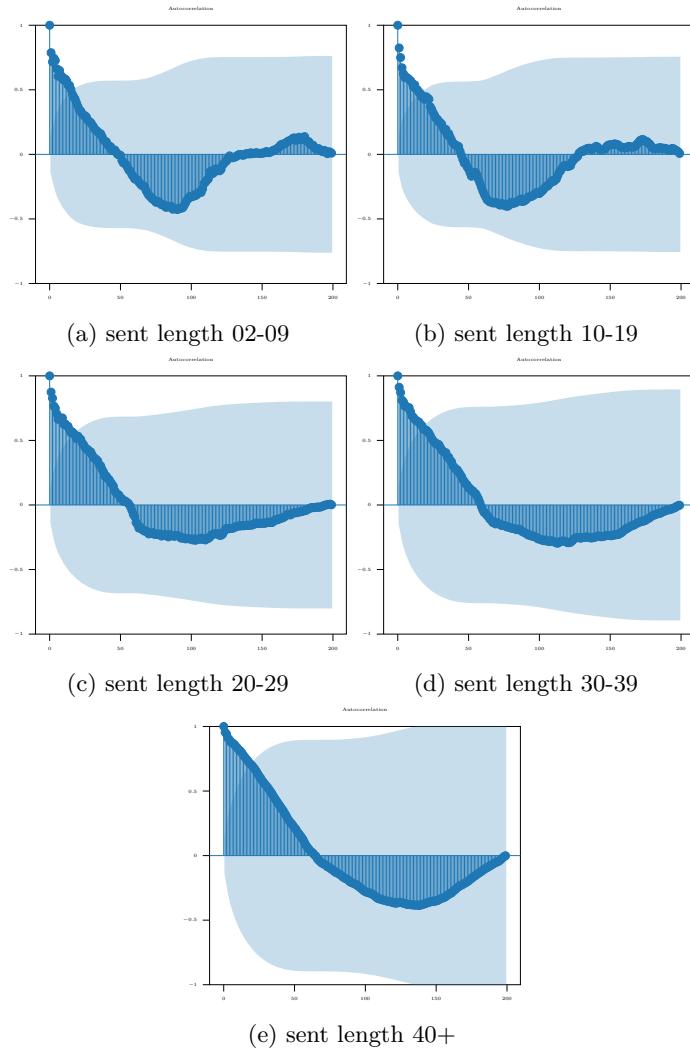


2.5.3 Statistics-cor

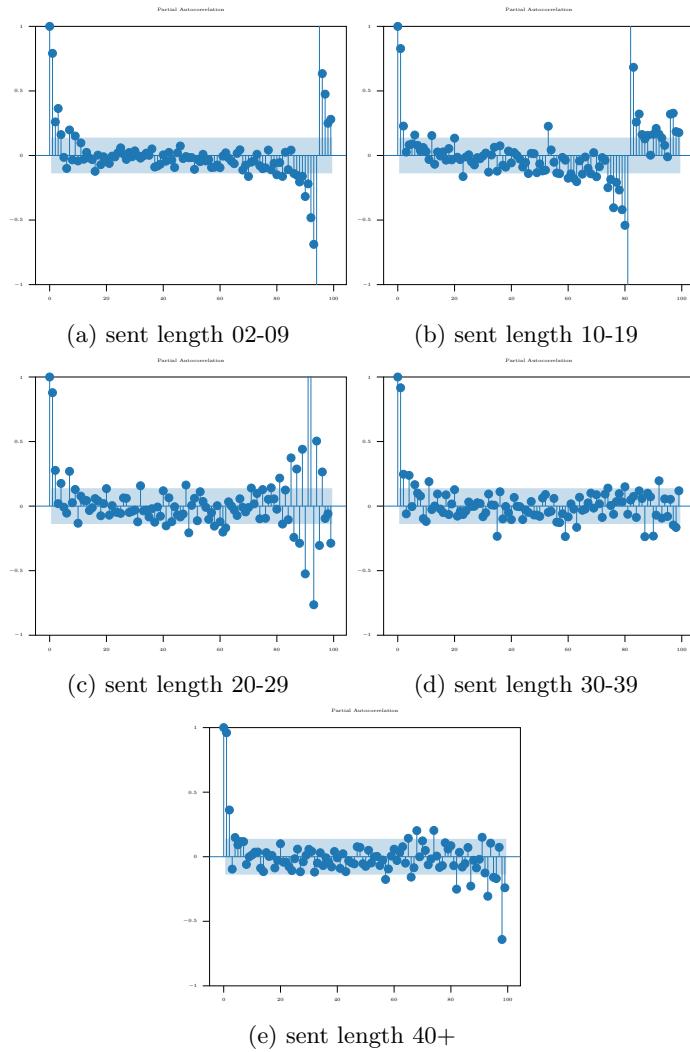
sent length 02-09 - Correlation: -0.2685673551092168
sent length 10-19 - Correlation: 0.1147742925250352
sent length 20-29 - Correlation: 0.6151716954076325
sent length 30-39 - Correlation: 0.752361171204223
sent length 40+ - Correlation: 0.9080593277853697

2.6 stratum of tree5

2.6.1 Statistics-acf



2.6.2 Statistics-pacf

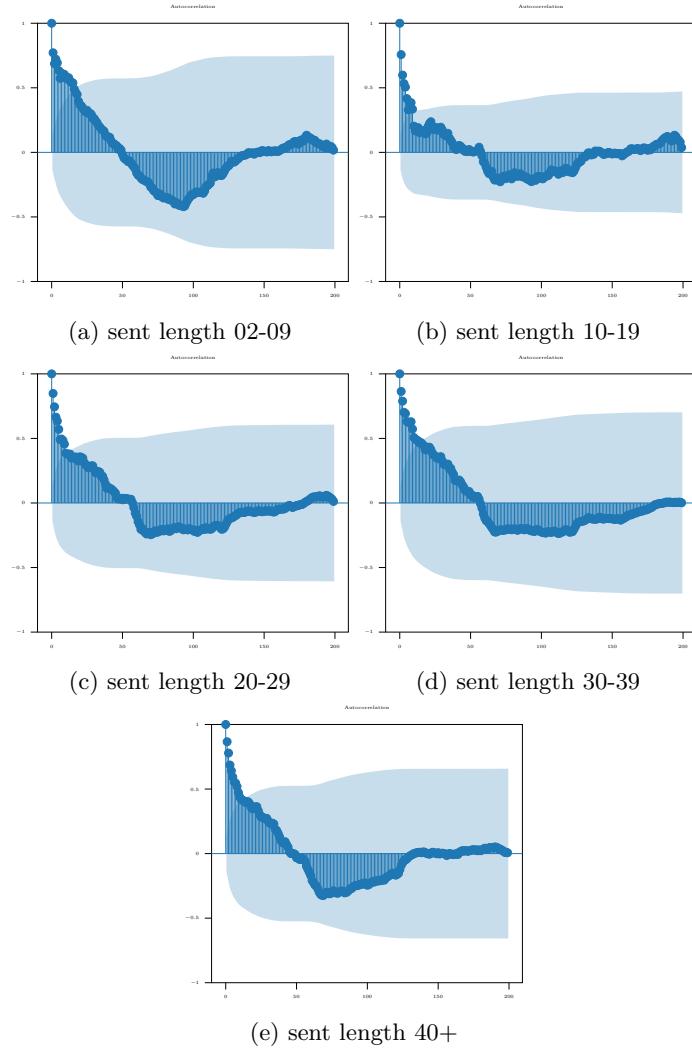


2.6.3 Statistics-cor

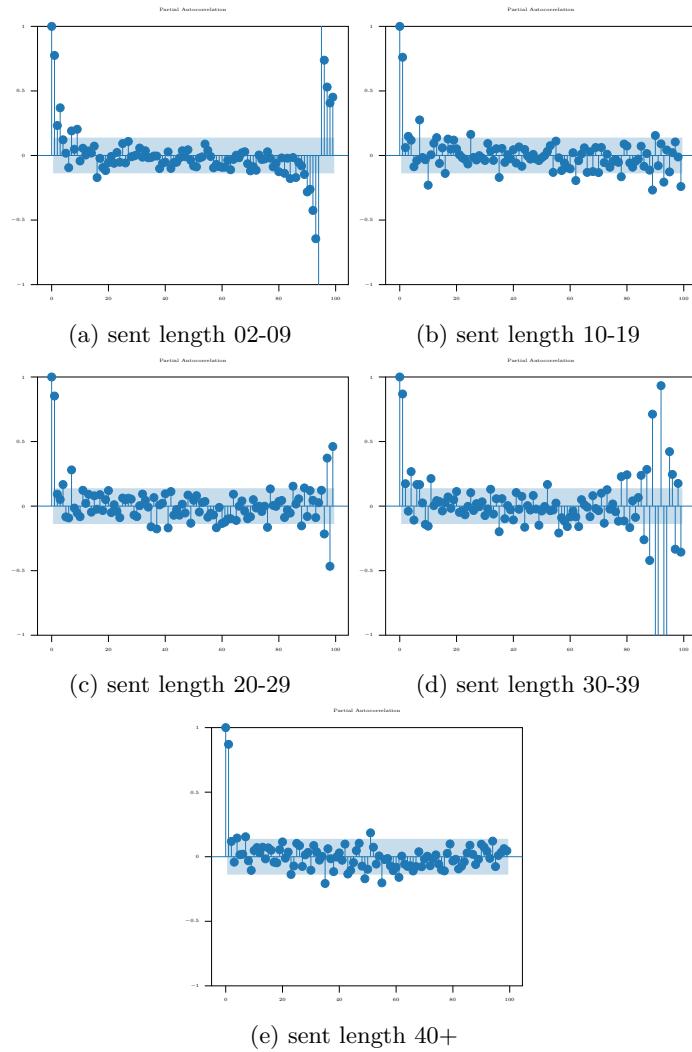
sent length 02-09 - Correlation: 0.2853913807138171
sent length 10-19 - Correlation: 0.22888138709926723
sent length 20-29 - Correlation: 0.6558395608830973
sent length 30-39 - Correlation: 0.776676207631244
sent length 40+ - Correlation: 0.9070541889464768

2.7 depth of tree6

2.7.1 Statistics-acf



2.7.2 Statistics-pacf

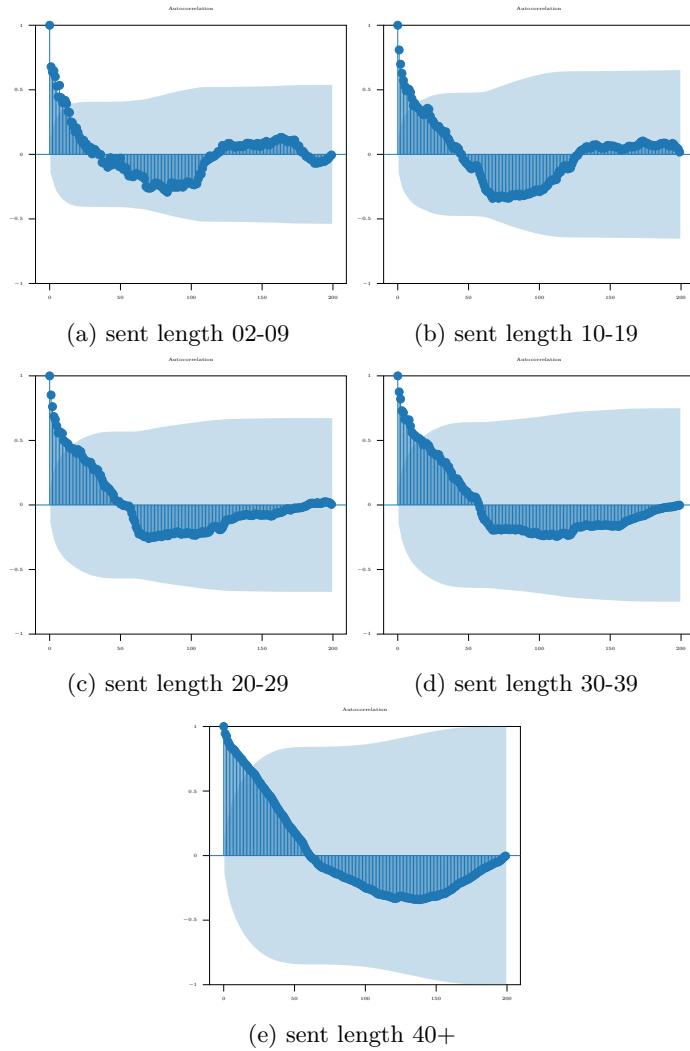


2.7.3 Statistics-cor

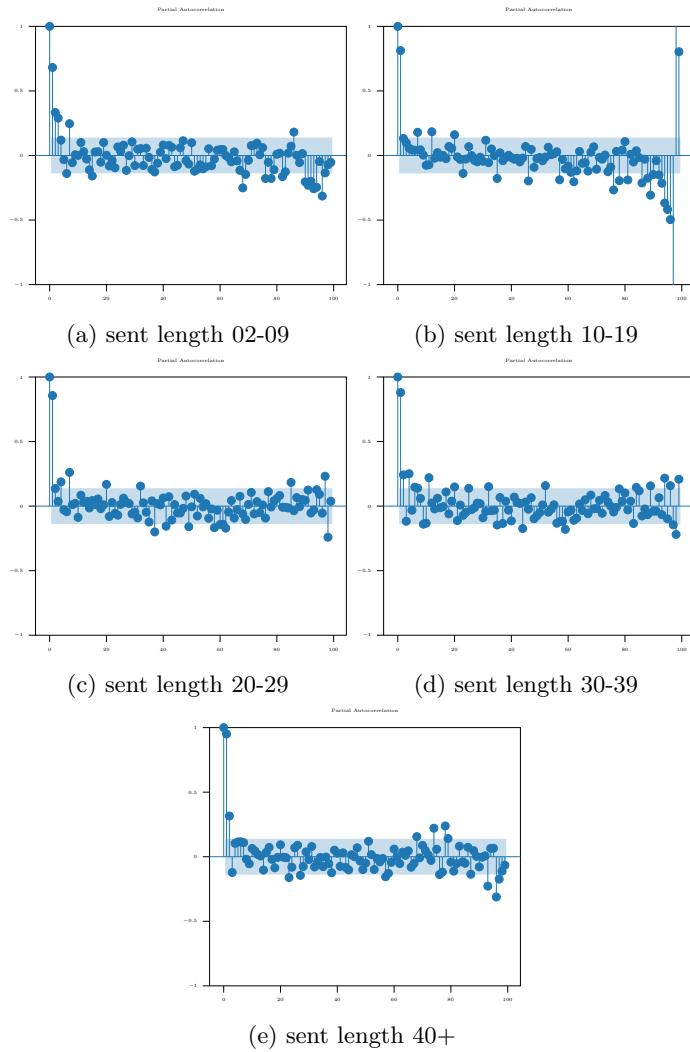
sent length 02-09 - Correlation: -0.3424637534840002
sent length 10-19 - Correlation: 0.19945521818060272
sent length 20-29 - Correlation: 0.4655701463345263
sent length 30-39 - Correlation: 0.5975096013909514
sent length 40+ - Correlation: 0.375726549359317

2.8 ratio vertices on lp from rt7

2.8.1 Statistics-acf



2.8.2 Statistics-pacf

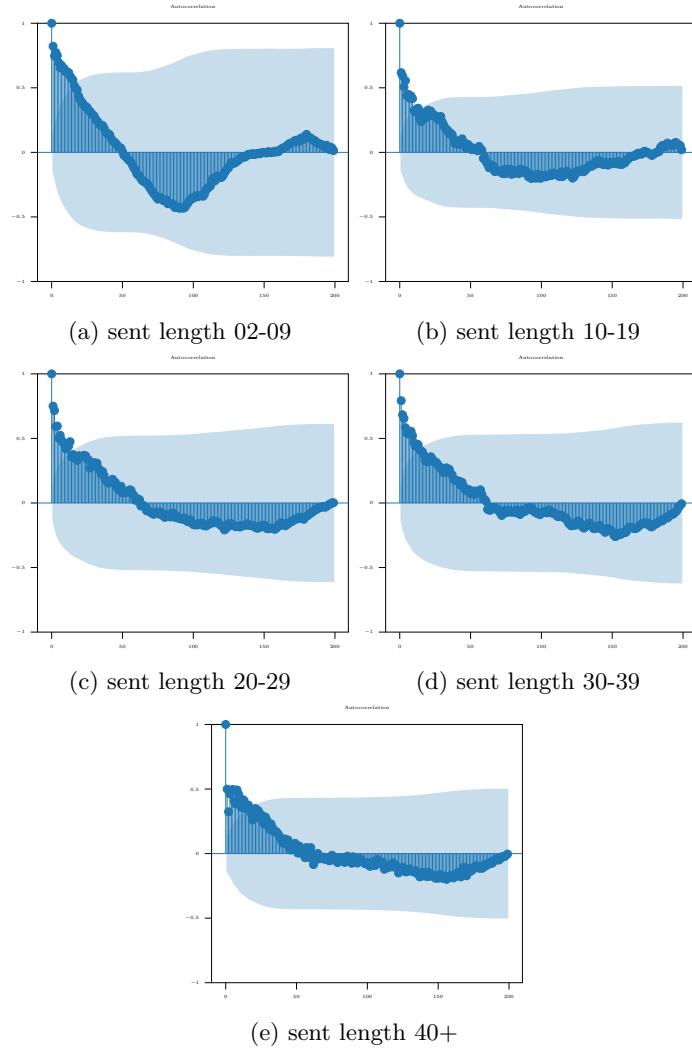


2.8.3 Statistics-cor

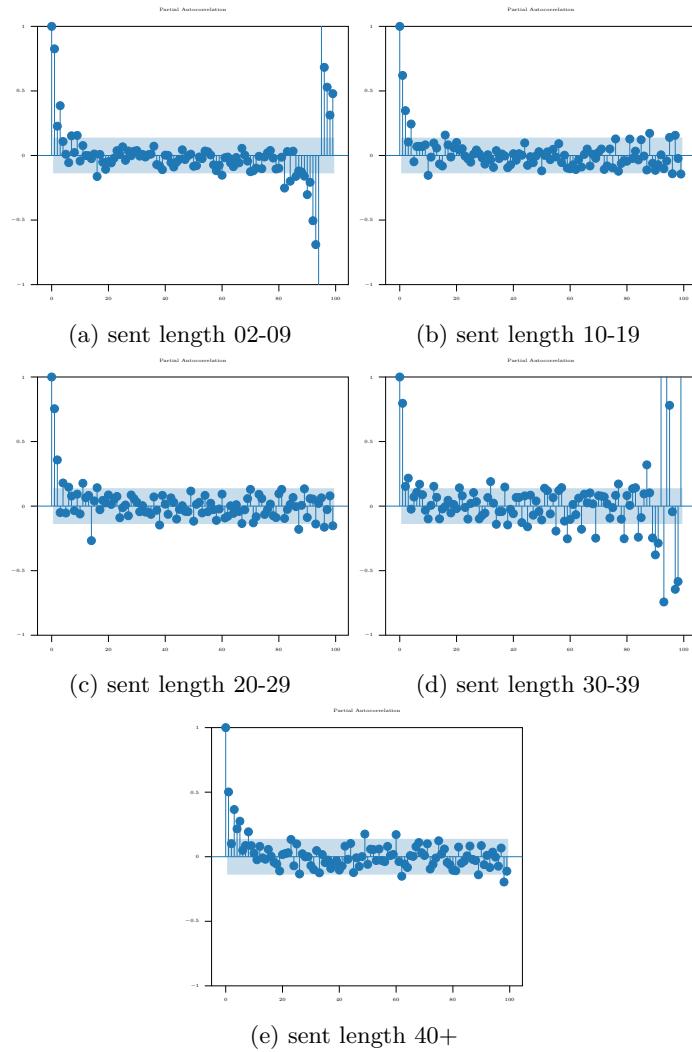
sent length 02-09 - Correlation: 0.08928350690954799
sent length 10-19 - Correlation: 0.09648744237537238
sent length 20-29 - Correlation: 0.5258471652118105
sent length 30-39 - Correlation: 0.6627657929538363
sent length 40+ - Correlation: 0.8672148943399277

2.9 leaf distance entropy8

2.9.1 Statistics-acf



2.9.2 Statistics-pacf

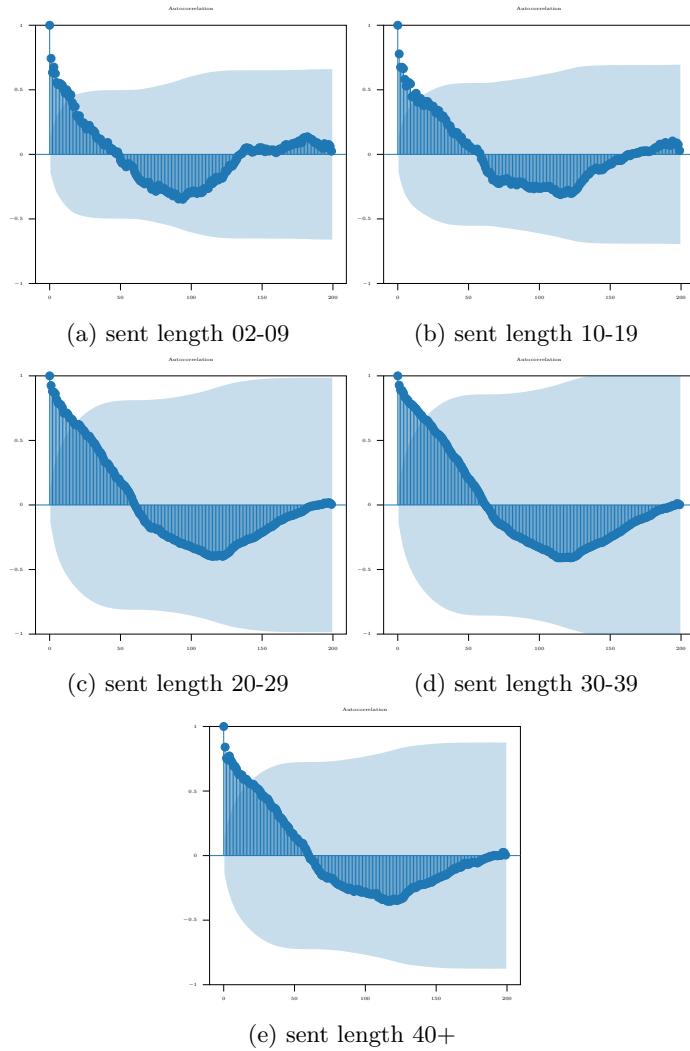


2.9.3 Statistics-cor

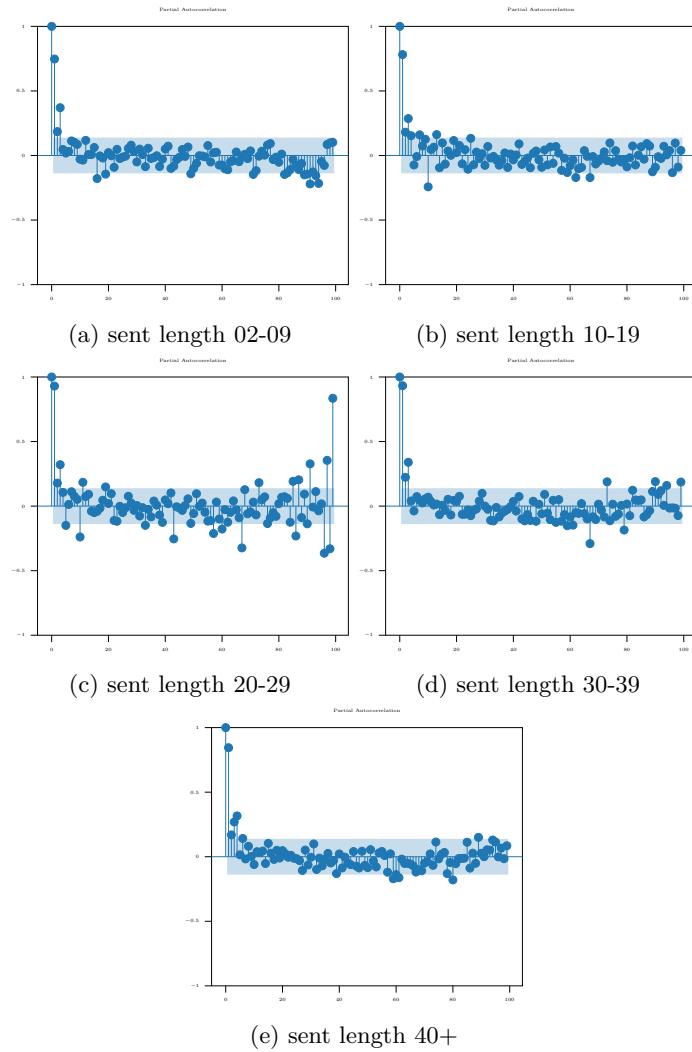
sent length 02-09 - Correlation: -0.3741912302184512
sent length 10-19 - Correlation: 0.45036174545395585
sent length 20-29 - Correlation: 0.6782249701712038
sent length 30-39 - Correlation: 0.732852131065027
sent length 40+ - Correlation: 0.63645022546297

2.10 ratio of leafs at d1 to rt9

2.10.1 Statistics-acf



2.10.2 Statistics-pacf

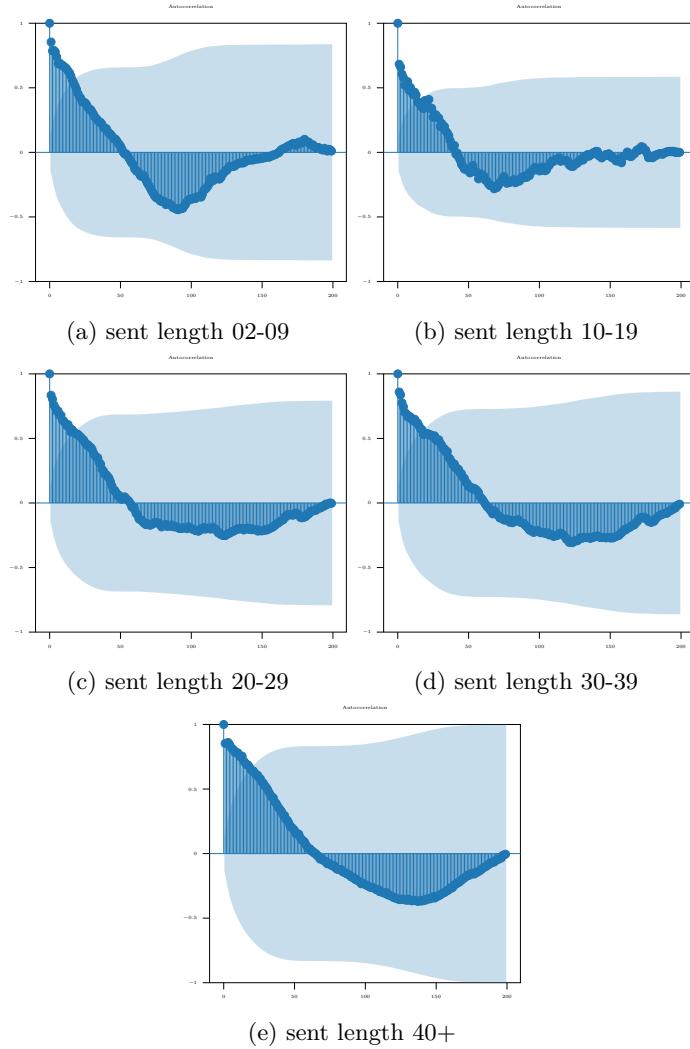


2.10.3 Statistics-cor

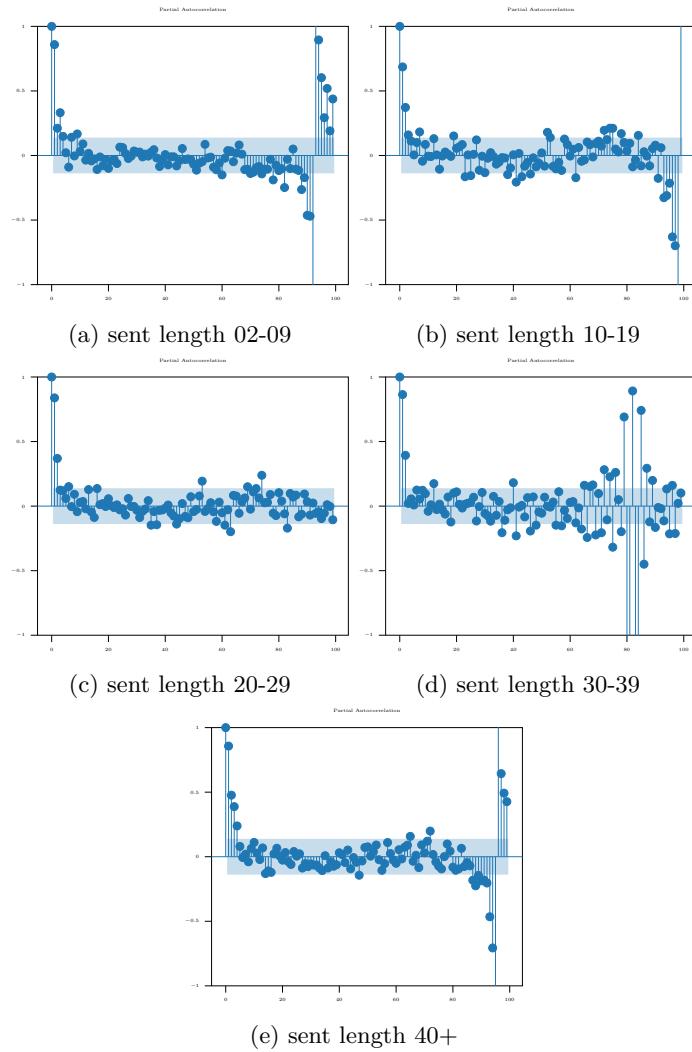
sent length 02-09 - Correlation: 0.22993520406632043
sent length 10-19 - Correlation: -0.49158489172480885
sent length 20-29 - Correlation: -0.7623079047760167
sent length 30-39 - Correlation: -0.818444398399799
sent length 40+ - Correlation: -0.7183506846472623

2.11 mean dependency distance10

2.11.1 Statistics-acf



2.11.2 Statistics-pacf

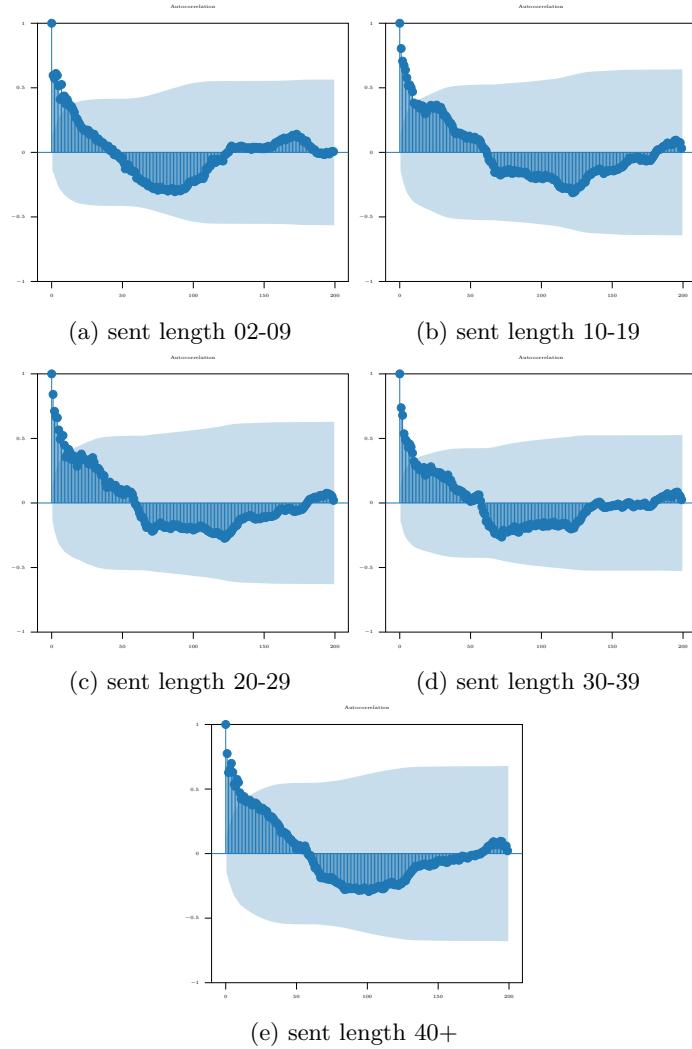


2.11.3 Statistics-cor

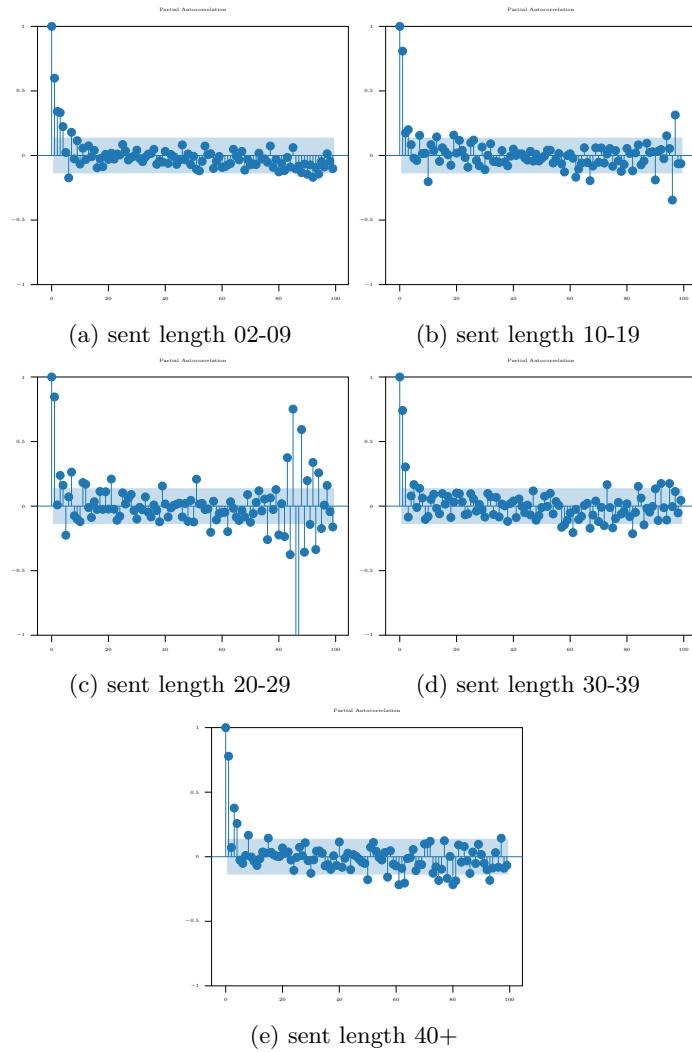
sent length 02-09 - Correlation: -0.4746774690472216
sent length 10-19 - Correlation: -0.41456876859319114
sent length 20-29 - Correlation: -0.7161475279028784
sent length 30-39 - Correlation: -0.8018375503820276
sent length 40+ - Correlation: -0.8763145978050128

2.12 dependency distance entropy11

2.12.1 Statistics-acf



2.12.2 Statistics-pacf

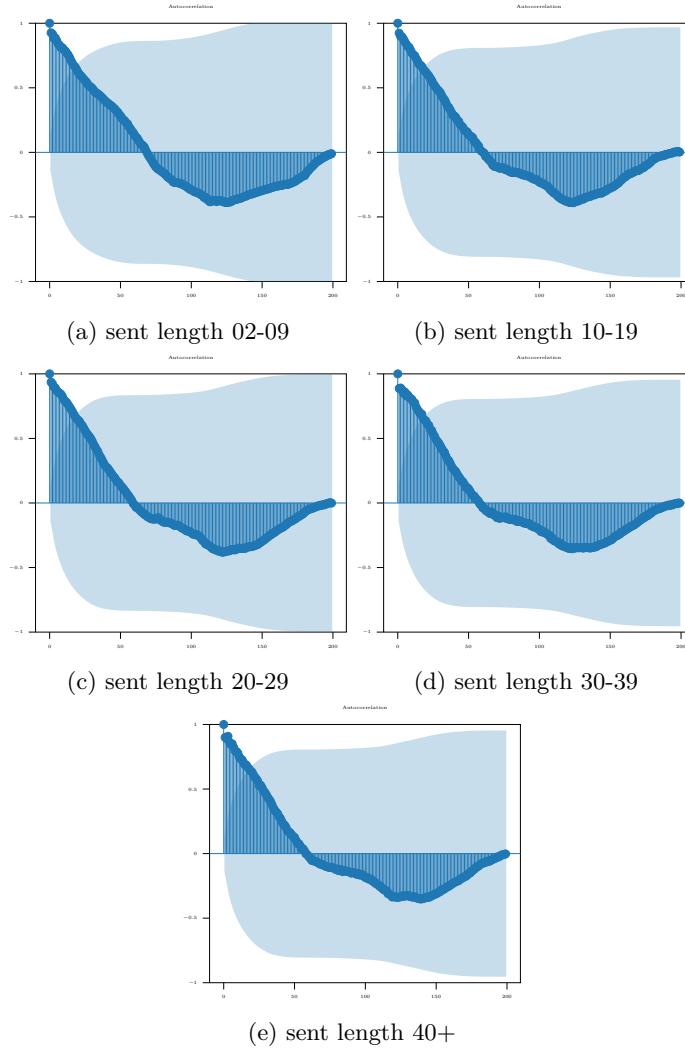


2.12.3 Statistics-cor

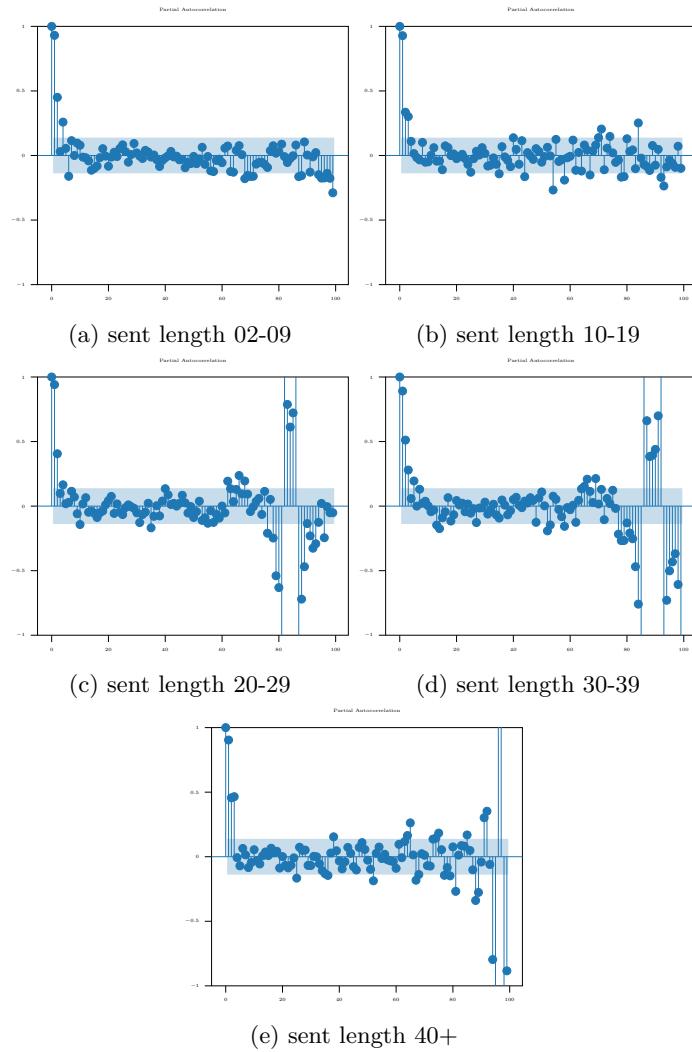
sent length 02-09 - Correlation: 0.09489770109820092
sent length 10-19 - Correlation: -0.5641343373821792
sent length 20-29 - Correlation: -0.5363303758439855
sent length 30-39 - Correlation: -0.38064227626108377
sent length 40+ - Correlation: 0.5065777530749118

2.13 ratio arcs adjacent tokens12

2.13.1 Statistics-acf



2.13.2 Statistics-pacf

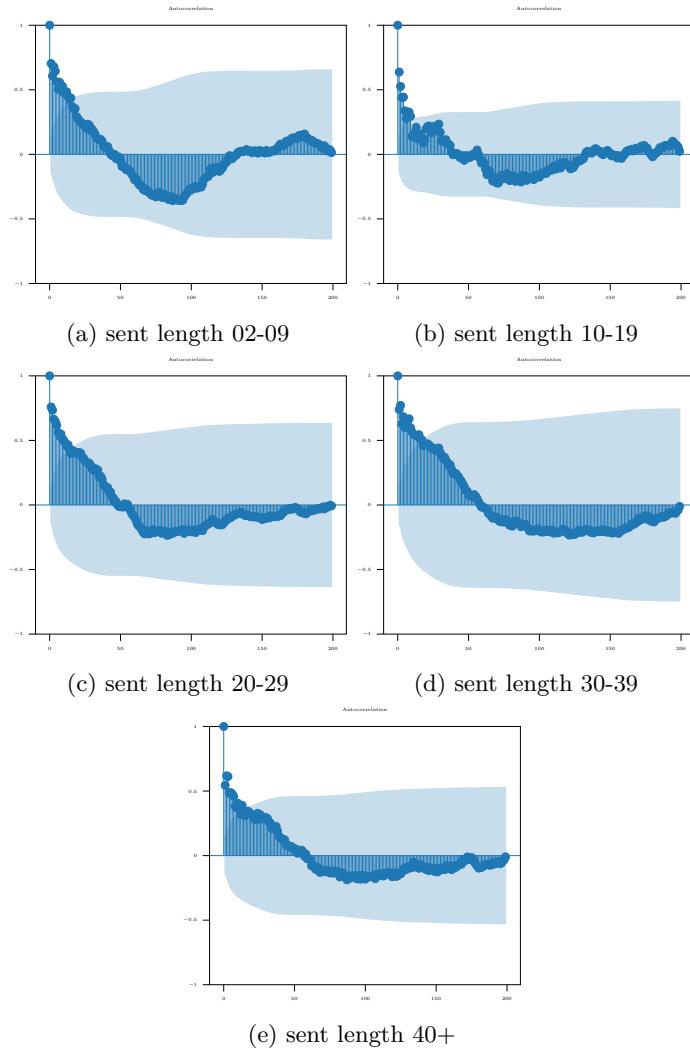


2.13.3 Statistics-cor

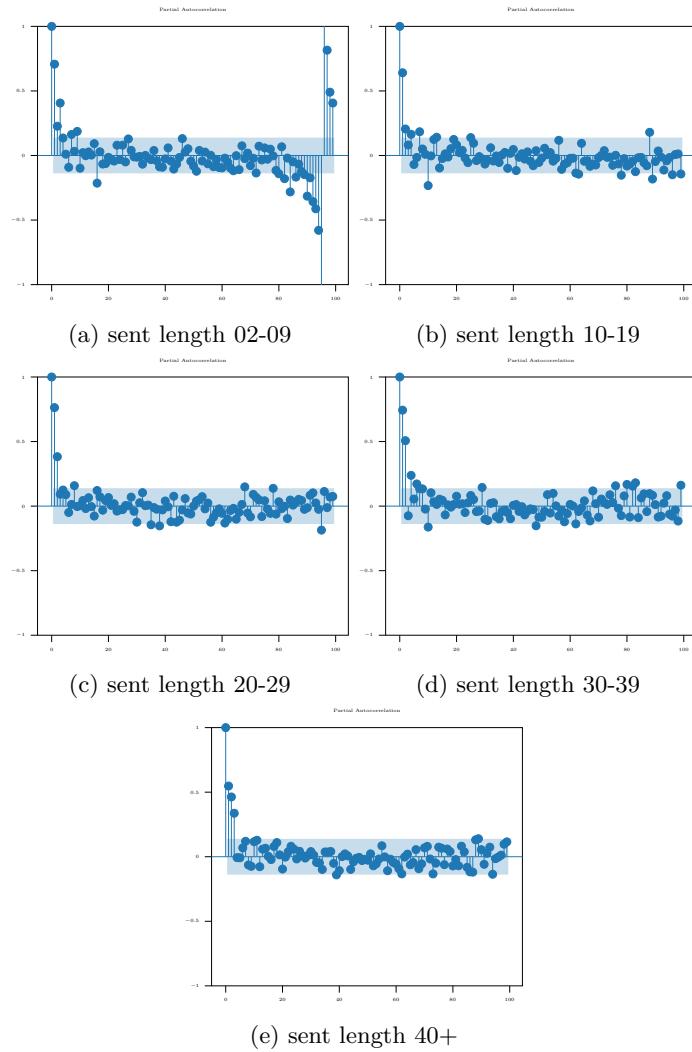
sent length 02-09 - Correlation: 0.9020758604261848
sent length 10-19 - Correlation: 0.803625038471031
sent length 20-29 - Correlation: 0.8233102548554796
sent length 30-39 - Correlation: 0.8058521689011797
sent length 40+ - Correlation: 0.8317004811365516

2.14 ratio arcs distances occ once13

2.14.1 Statistics-acf



2.14.2 Statistics-pacf

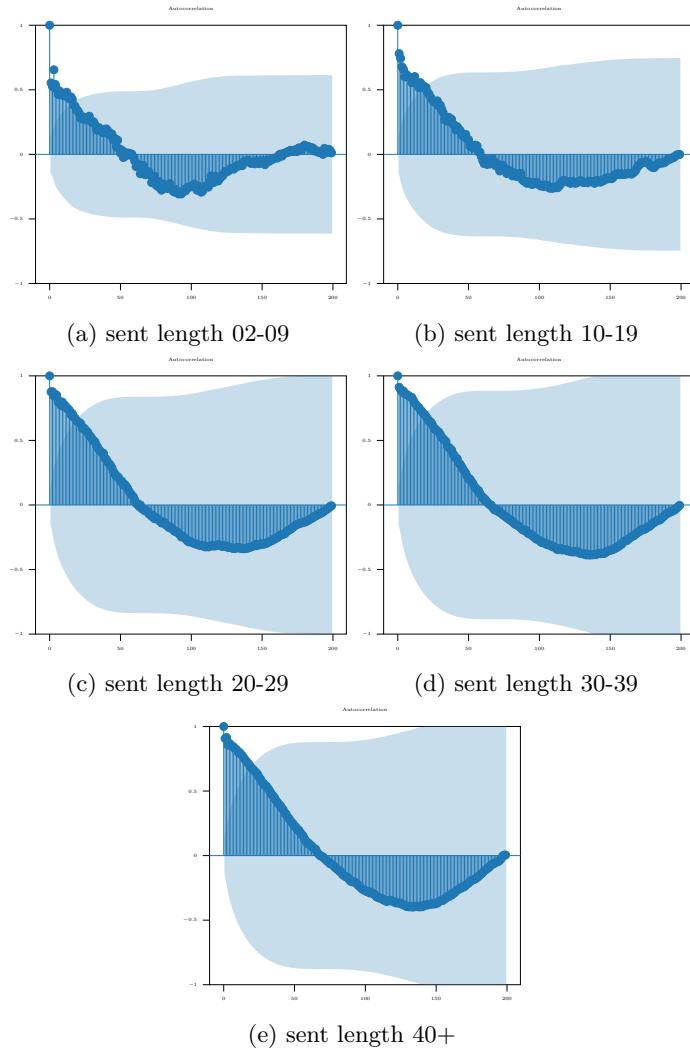


2.14.3 Statistics-cor

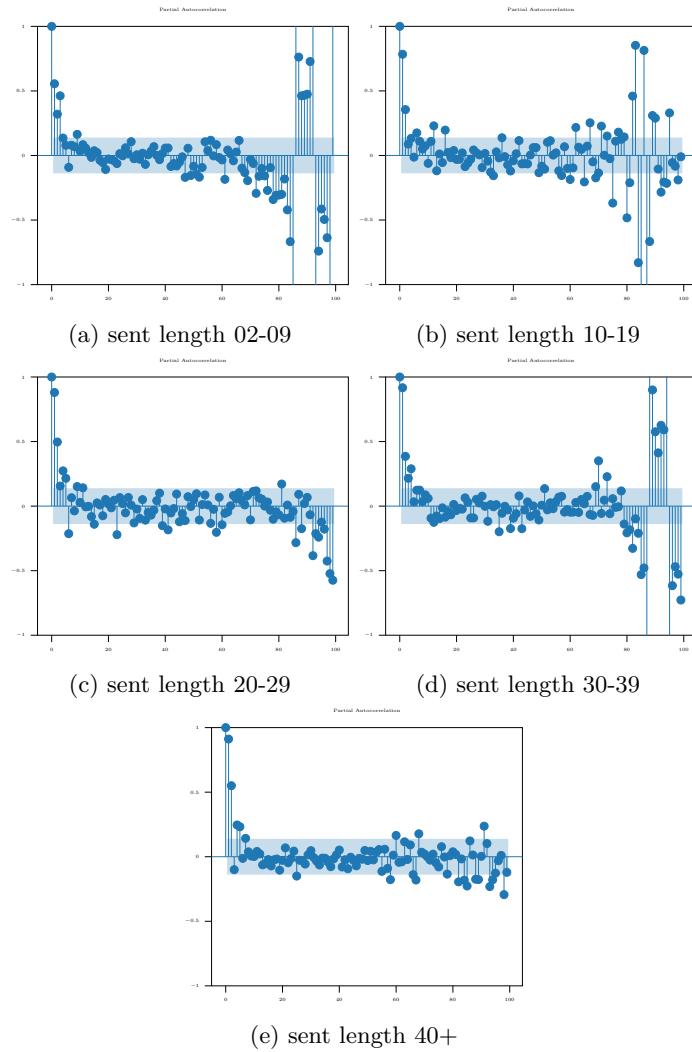
sent length 02-09 - Correlation: 0.09606332416117323
sent length 10-19 - Correlation: -0.18580477495427894
sent length 20-29 - Correlation: -0.5596410532881583
sent length 30-39 - Correlation: -0.740018331989433
sent length 40+ - Correlation: -0.5774925052176075

2.15 imbalance index14

2.15.1 Statistics-acf



2.15.2 Statistics-pacf

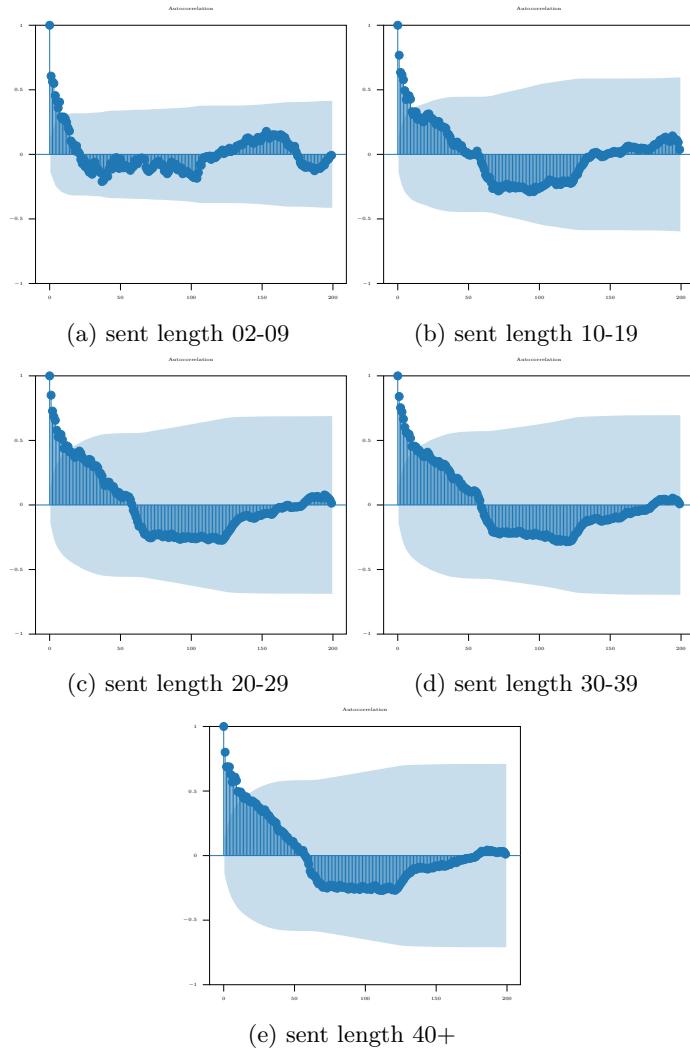


2.15.3 Statistics-cor

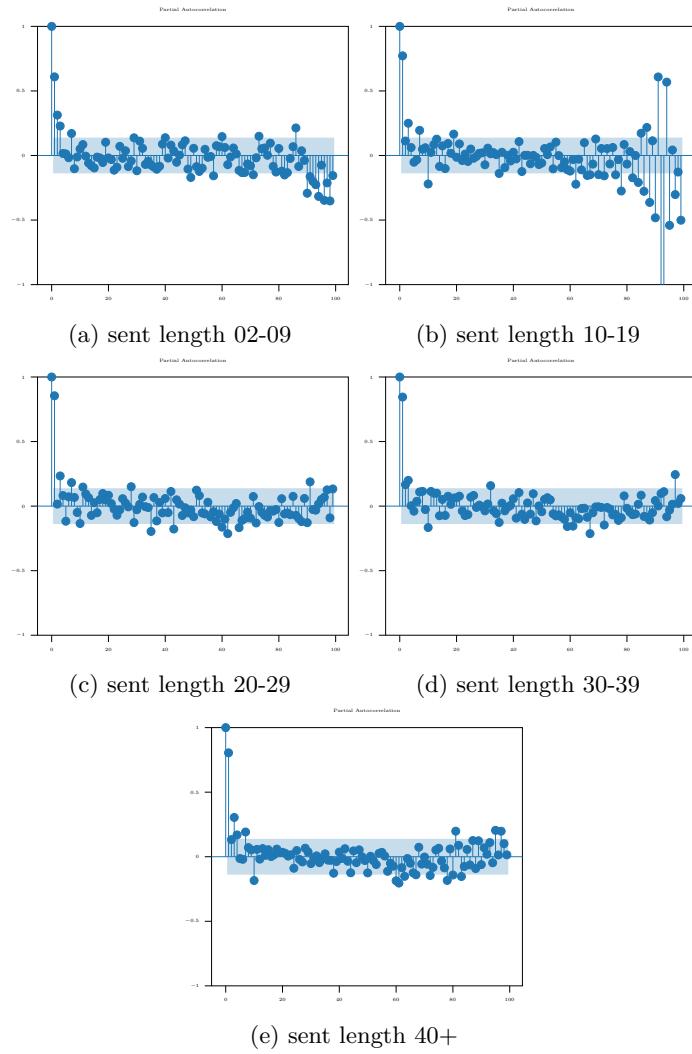
sent length 02-09 - Correlation: -0.449115219374631
sent length 10-19 - Correlation: 0.706007244727236
sent length 20-29 - Correlation: 0.8672640255823338
sent length 30-39 - Correlation: 0.9083017777646162
sent length 40+ - Correlation: 0.9201215429968455

2.16 ratio of leafs15

2.16.1 Statistics-acf



2.16.2 Statistics-pacf

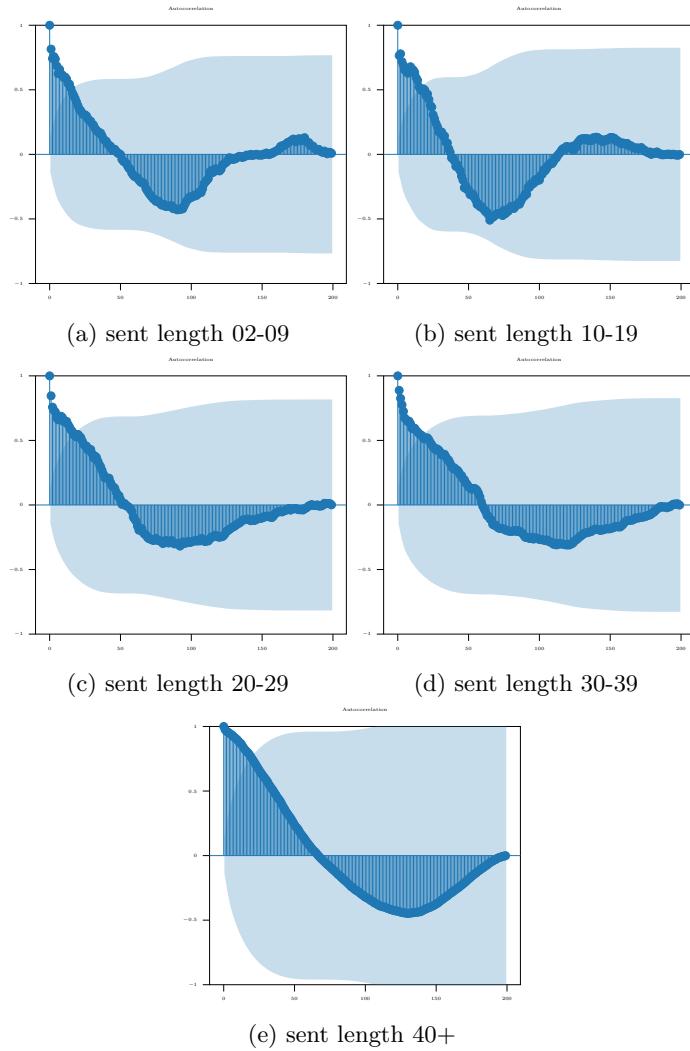


2.16.3 Statistics-cor

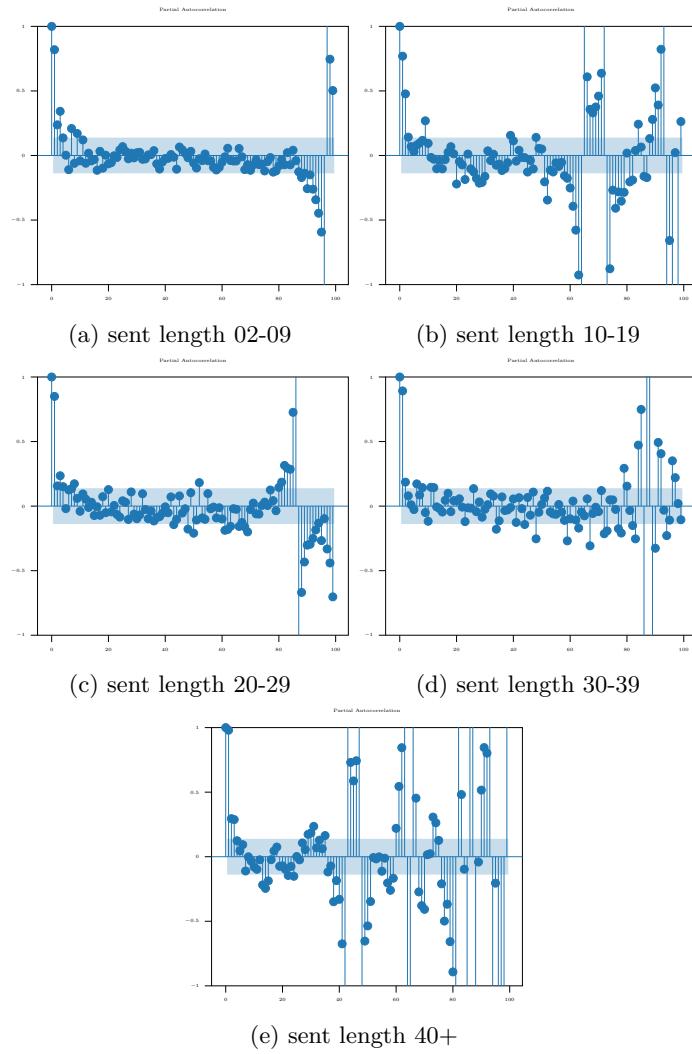
sent length 02-09 - Correlation: 0.004116015753544389
sent length 10-19 - Correlation: -0.2512544722604244
sent length 20-29 - Correlation: -0.5067683104233487
sent length 30-39 - Correlation: -0.5677821747534149
sent length 40+ - Correlation: -0.5479857350127625

2.17 number of leafs16

2.17.1 Statistics-acf



2.17.2 Statistics-pacf

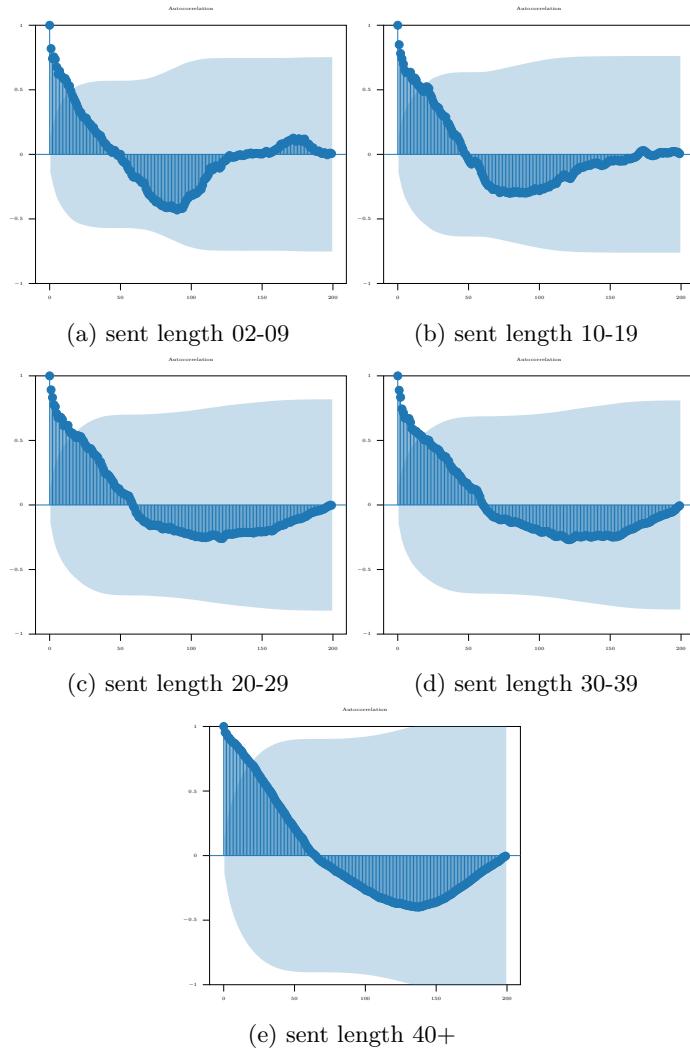


2.17.3 Statistics-cor

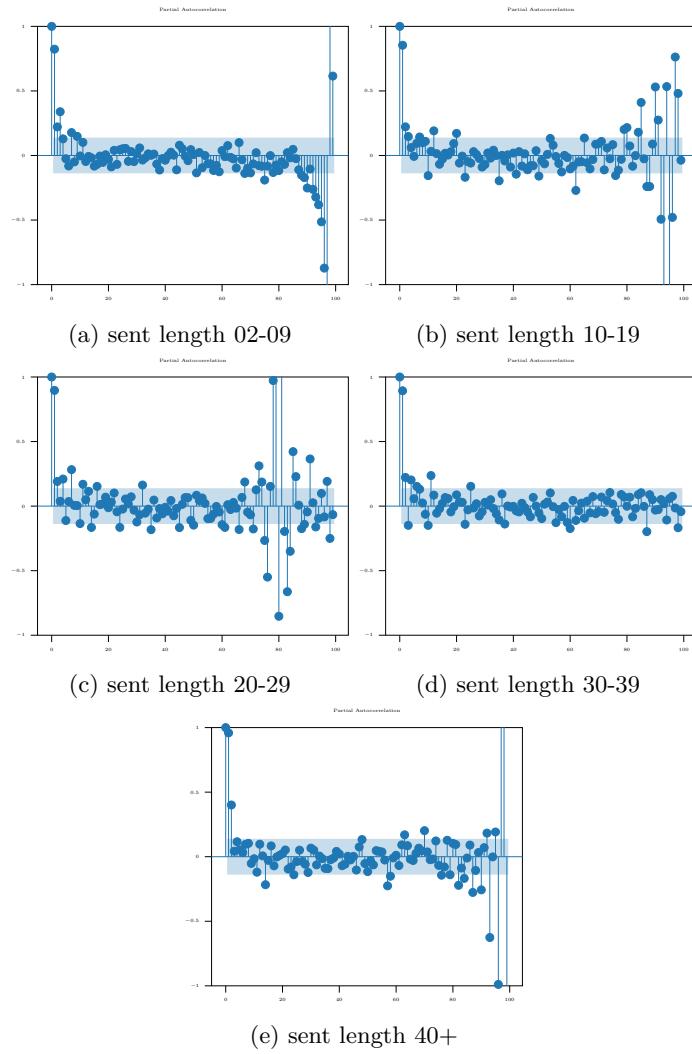
sent length 02-09 - Correlation: -0.32903028274096713
sent length 10-19 - Correlation: -0.08574012710924972
sent length 20-29 - Correlation: -0.6122903298035857
sent length 30-39 - Correlation: -0.7106069840275135
sent length 40+ - Correlation: -0.9304854762913095

2.18 width of tree19

2.18.1 Statistics-acf



2.18.2 Statistics-pacf

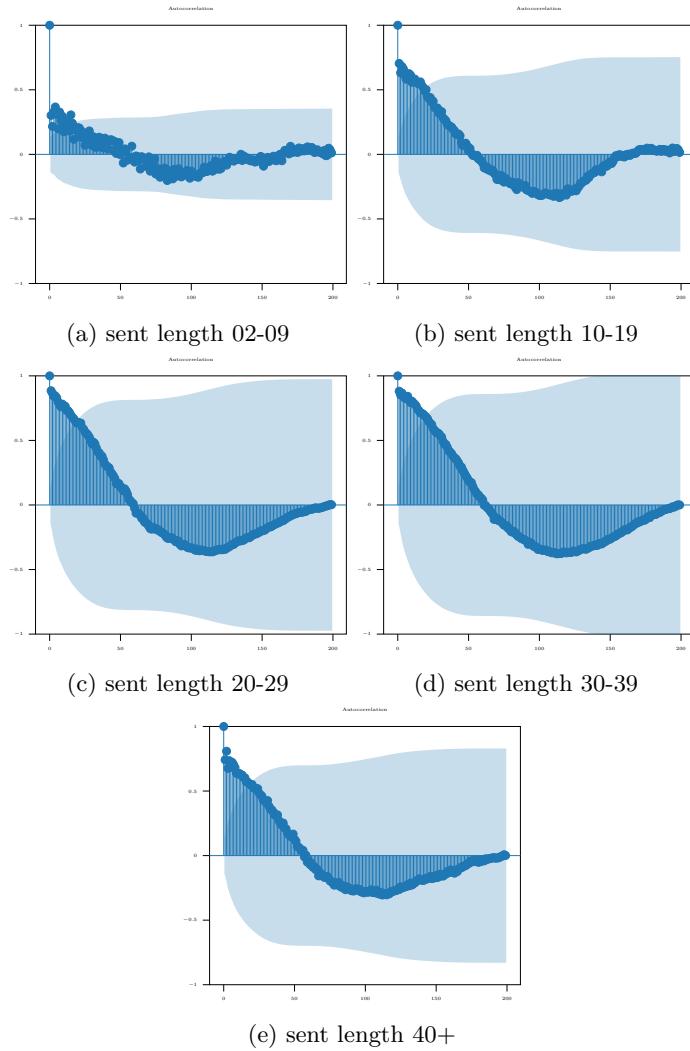


2.18.3 Statistics-cor

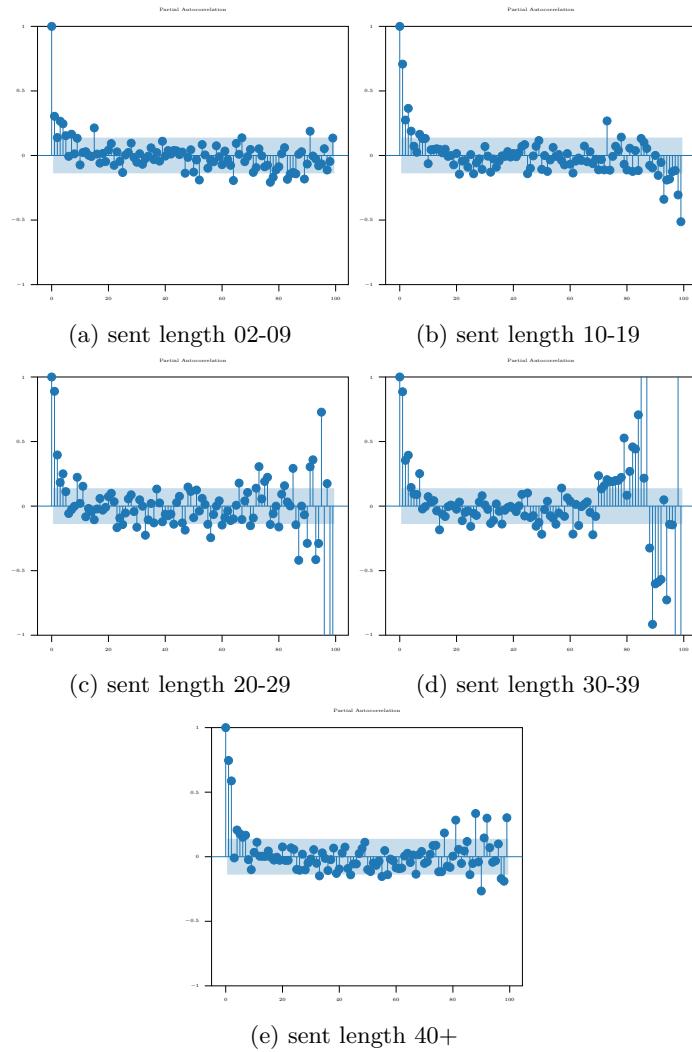
sent length 02-09 - Correlation: -0.3045336078171708
sent length 10-19 - Correlation: -0.5222152776653058
sent length 20-29 - Correlation: -0.7399464723506168
sent length 30-39 - Correlation: -0.7807236750134875
sent length 40+ - Correlation: -0.9180027032358686

2.19 lowest lv max width20

2.19.1 Statistics-acf



2.19.2 Statistics-pacf

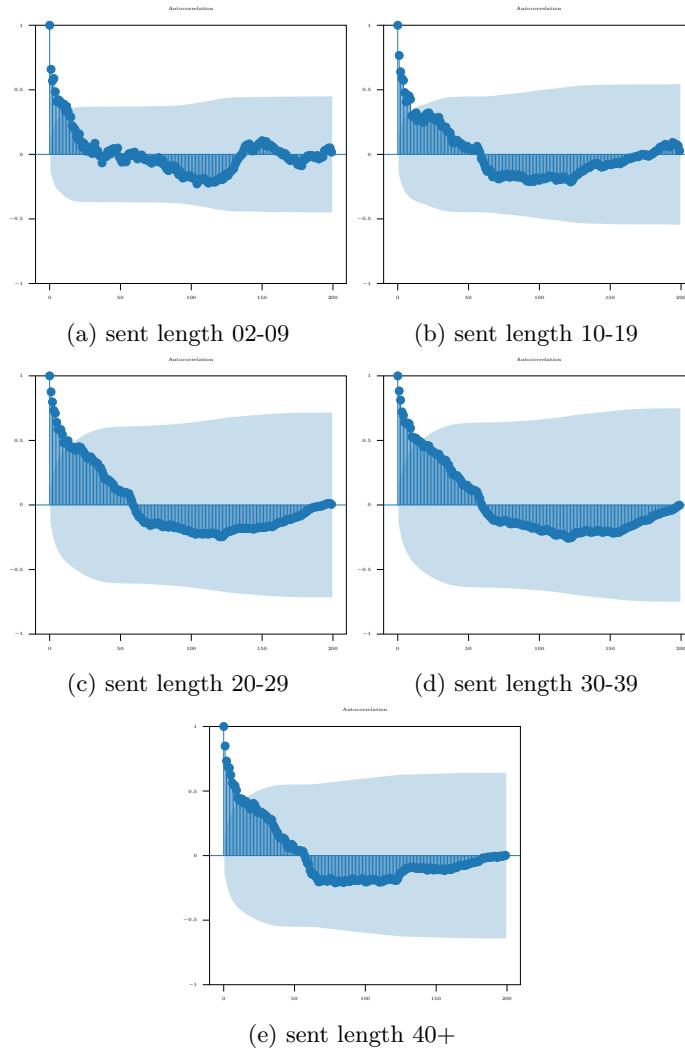


2.19.3 Statistics-cor

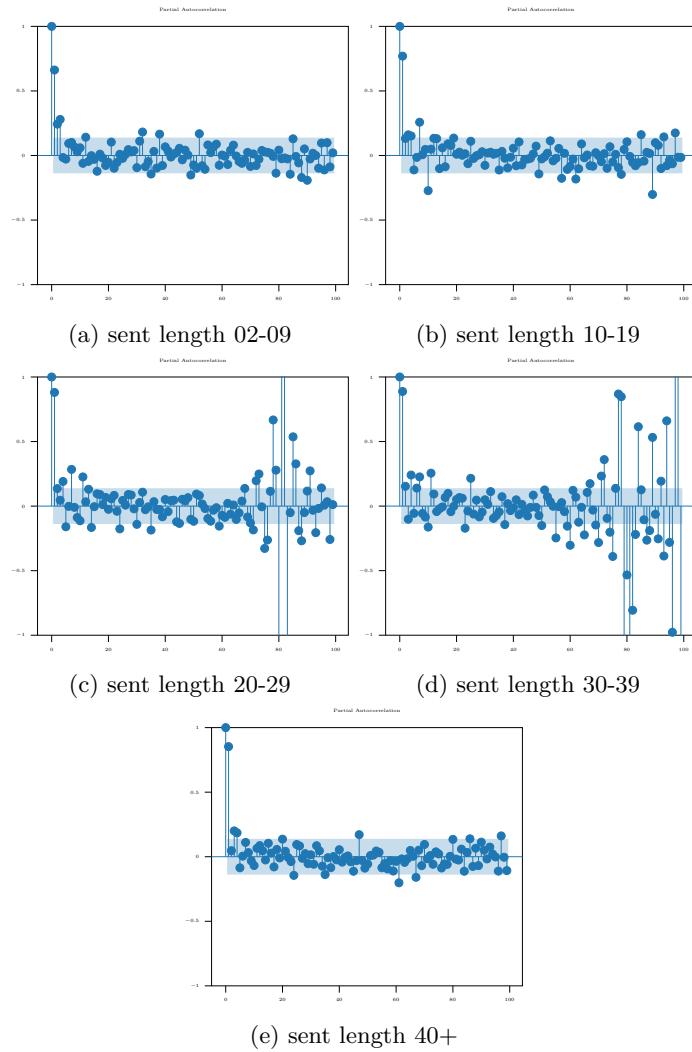
sent length 02-09 - Correlation: -0.3130508817606201
sent length 10-19 - Correlation: 0.5380575069805197
sent length 20-29 - Correlation: 0.7621244679722674
sent length 30-39 - Correlation: 0.8288648744753799
sent length 40+ - Correlation: 0.6944102834581053

2.20 ratio vertices belonging latter level21

2.20.1 Statistics-acf



2.20.2 Statistics-pacf

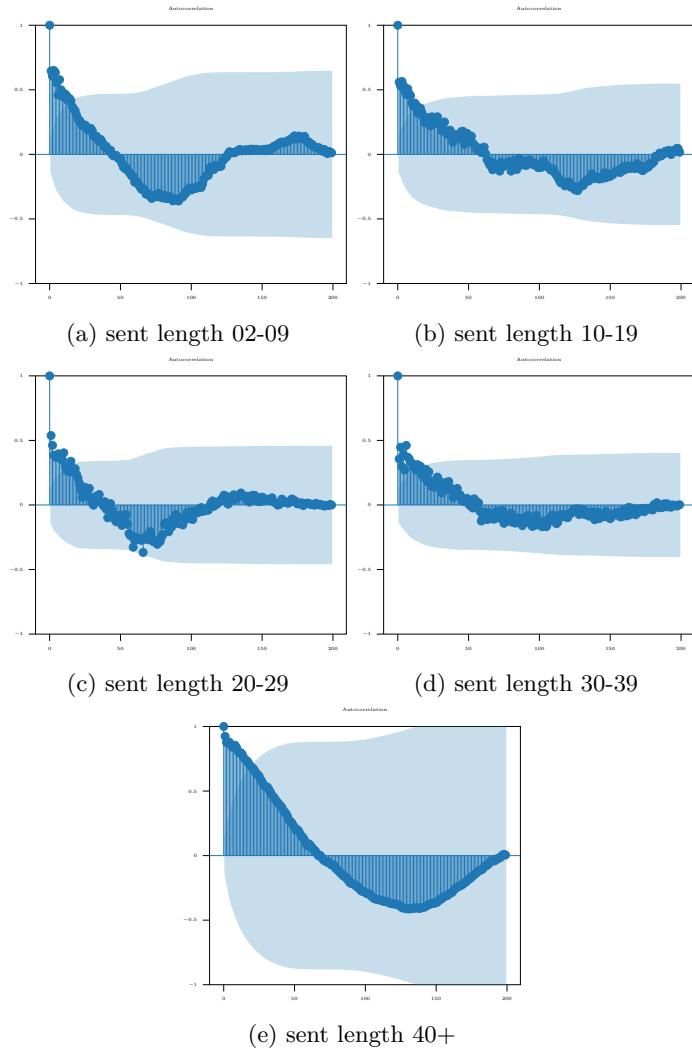


2.20.3 Statistics-cor

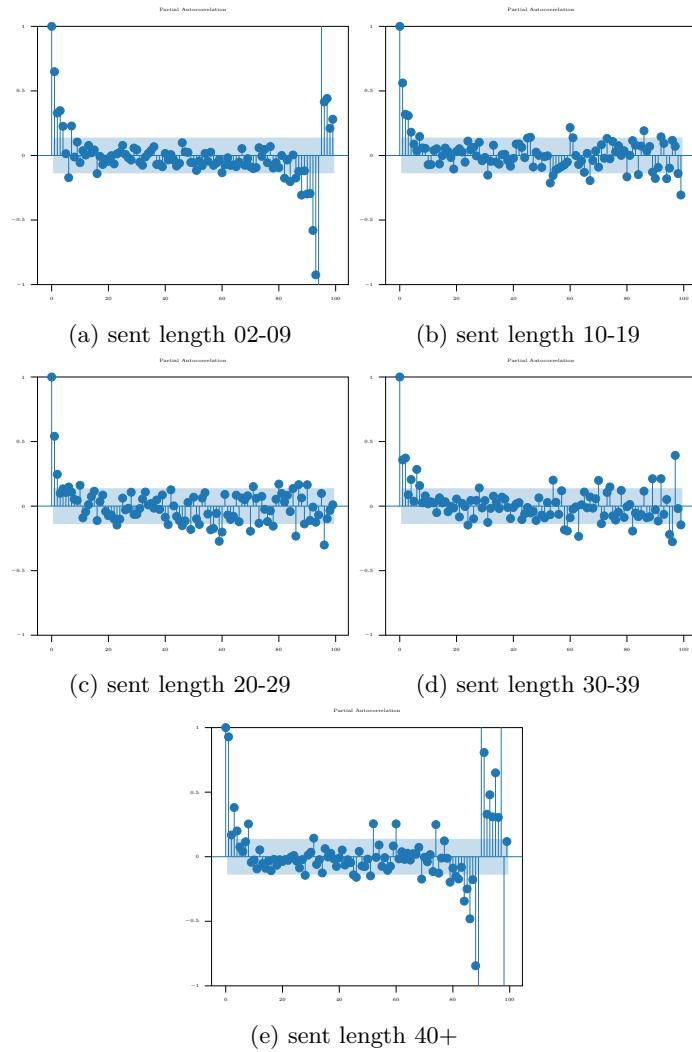
sent length 02-09 - Correlation: 0.36691380420108854
sent length 10-19 - Correlation: -0.4449620505395987
sent length 20-29 - Correlation: -0.6707870077451028
sent length 30-39 - Correlation: -0.7301981708552904
sent length 40+ - Correlation: -0.5802311986066744

2.21 Hirsch index22

2.21.1 Statistics-acf



2.21.2 Statistics-pacf

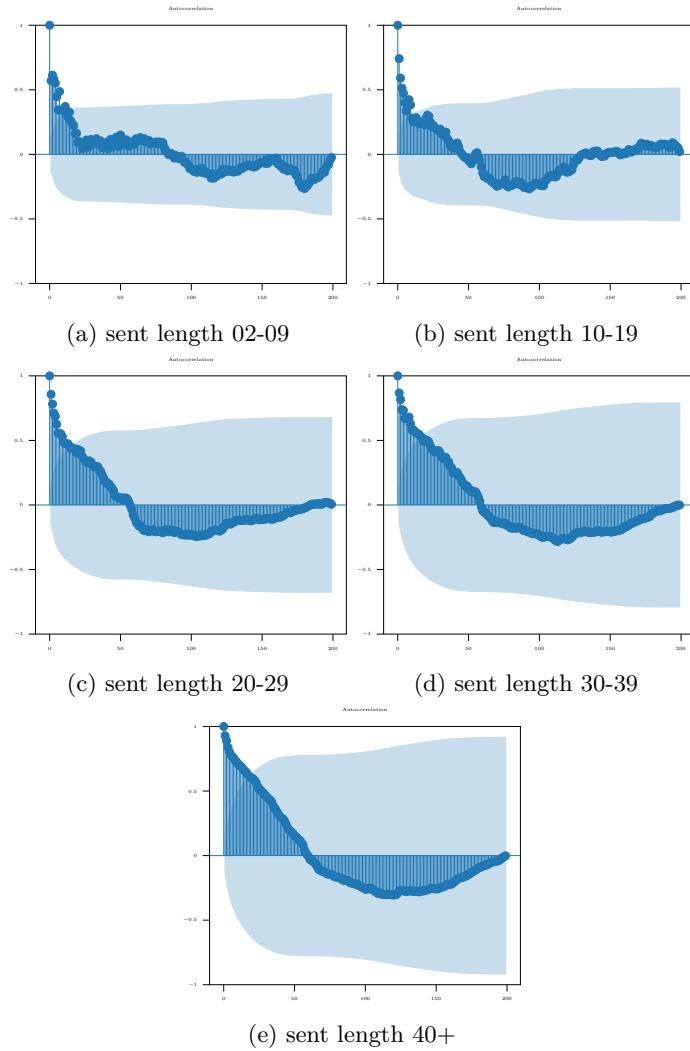


2.21.3 Statistics-cor

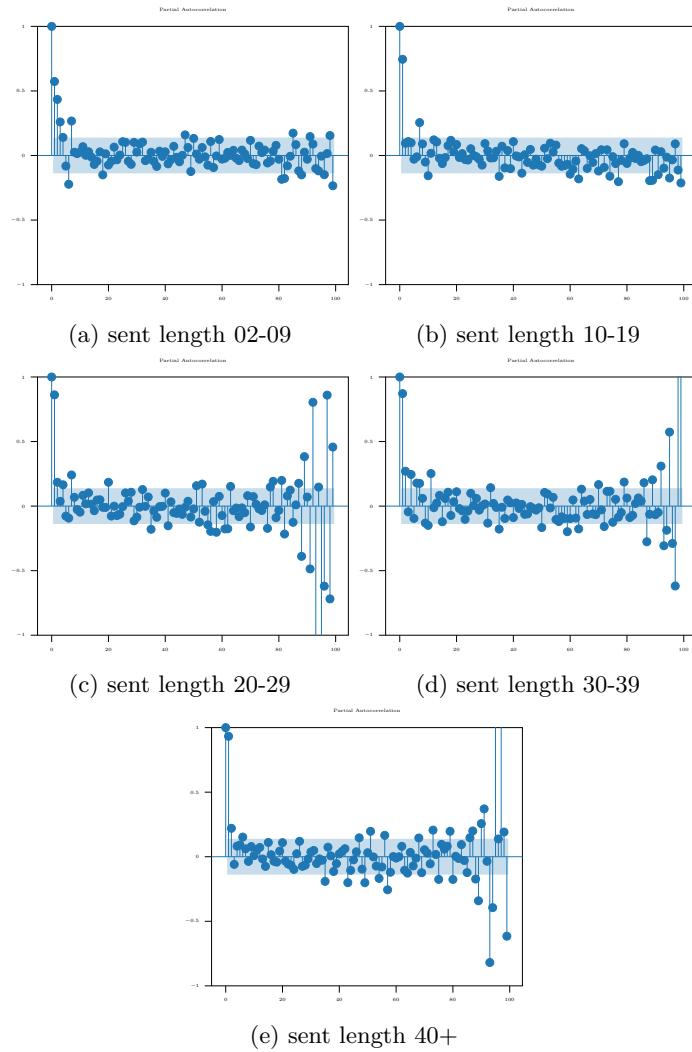
sent length 02-09 - Correlation: -0.06714190721669101
sent length 10-19 - Correlation: 0.5986042007447168
sent length 20-29 - Correlation: 0.0851453587851012
sent length 30-39 - Correlation: -0.4534279702118758
sent length 40+ - Correlation: -0.9019971850135259

2.22 ratio vertices contributing h index23

2.22.1 Statistics-acf



2.22.2 Statistics-pacf

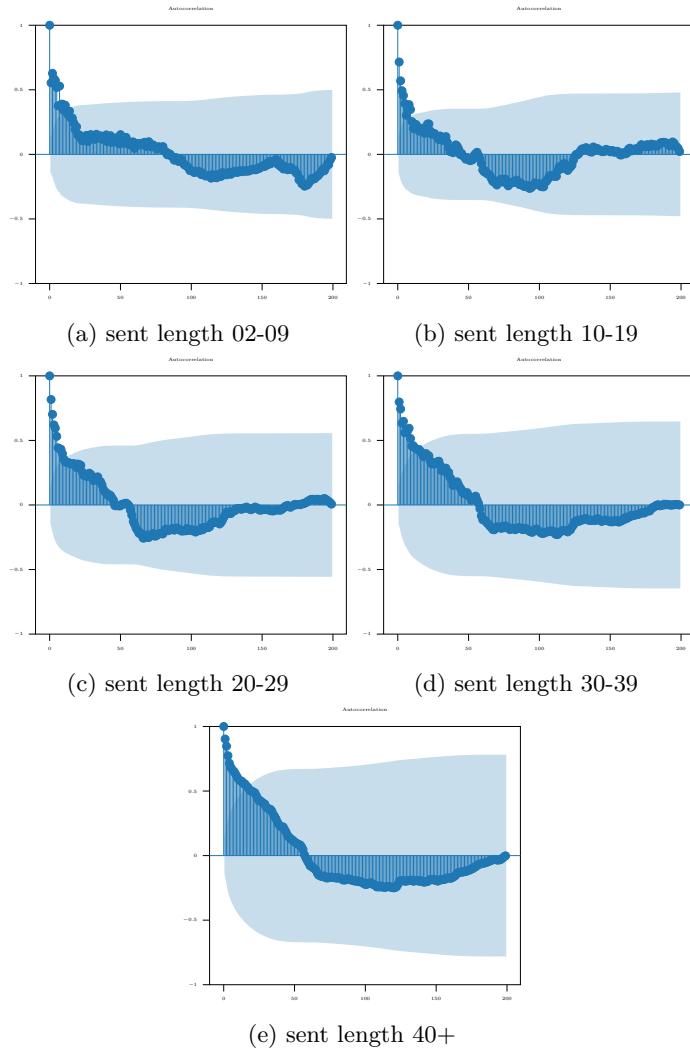


2.22.3 Statistics-cor

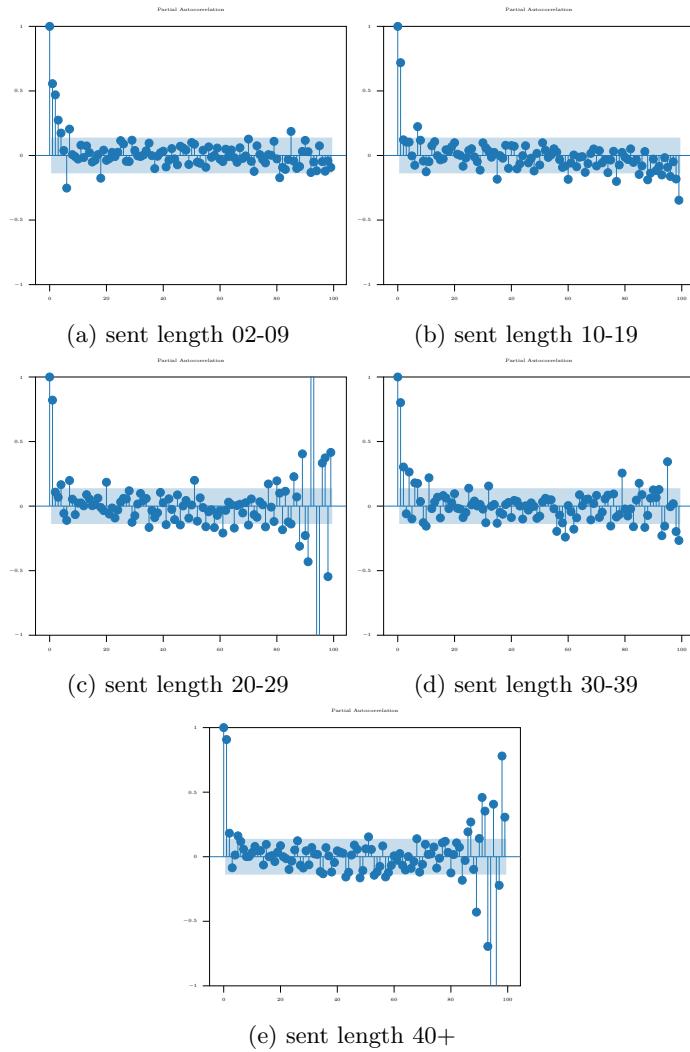
sent length 02-09 - Correlation: 0.6532806878694327
sent length 10-19 - Correlation: -0.2106630922916682
sent length 20-29 - Correlation: -0.5783426549337559
sent length 30-39 - Correlation: -0.7223636198431974
sent length 40+ - Correlation: -0.8049370375371522

2.23 relative h index24

2.23.1 Statistics-acf



2.23.2 Statistics-pacf



2.23.3 Statistics-cor

sent length 02-09 - Correlation: 0.6697029268918065
sent length 10-19 - Correlation: 0.05343206822373778
sent length 20-29 - Correlation: -0.39835556839968717
sent length 30-39 - Correlation: -0.5853089194621647
sent length 40+ - Correlation: -0.7142900310654208