Here are some lines of latex code that go at the top of the file. Other useful info can be added here.

- random seed: 869
- WMCFG grammar file used for sampling: koreanpronominal.N-nom-Vtn.global.chart
- md5sum for this grammar file: 132b2555acda18316e6a479e1843c4ad
- timestamp for generating this sample: 2012-07-29 23:04:04

Surface strings

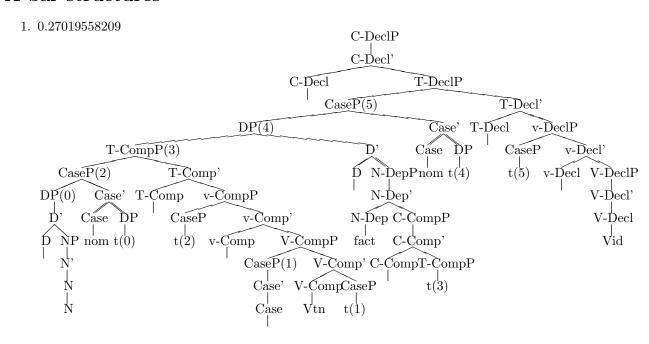
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- 2. 0.134997665739 "N nom Vtn N nom Vid"
- 3. 0.0936261047129 "N nom Vtn fact acc Vtd"
- 4. 0.0460982092679 "N nom Vtn fact nom N acc Vtd"
- 5. 0.0347818560795 "N nom Vtn Vin N nom Vid"
- 6. 0.0243283902627 "N nom Vtn N nom Vin fact acc Vtd"
- 7. 0.0230617068214 "N nom Vtn N nom N acc Vtn fact acc Vtd"
- 8. 0.0230320222032 "N nom Vtn N nom N acc Vtd"
- 9. 0.0135203472124 "N nom Vtn fact acc Vtn N nom Vid"
- 10. 0.0129021424241 "N nom Vtn fact acc Vtn fact nom Vid"
- 11. 0.0129021424241 "N nom Vtn fact acc Vtn fact nom Vid"
- 12. 0.00896146985738 "N nom Vtn Vin Vin N nom Vid"
- 13. 0.00680035796608 "N nom Vtn Vin fact nom Vid"
- 14. 0.00675516342469 "N nom Vtn N acc Vtn N nom Vid"
- 15. 0.00670148205319 "N nom Vtn fact nom Vin fact nom Vid"

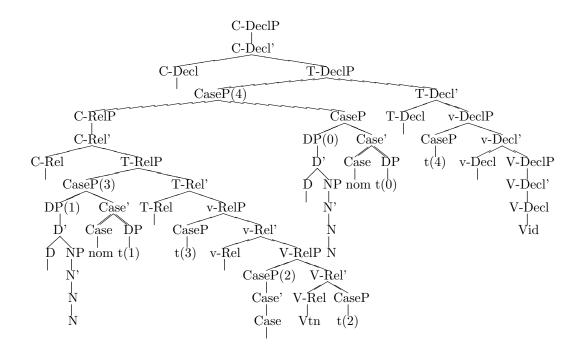
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- 17. 0.00635256228263 "N nom Vtn fact nom N acc Vtn fact nom Vid"
- 18. 0.0059341506174 "N nom Vtn Vin N nom N acc Vtd"
- 19. 0.0044707516247 "N nom Vtn fact acc Vtn fact acc Vtd"
- 20. 0.00348348816486 "N nom Vtn fact acc Vtn Vin N nom Vid"
- 21. 0.00335257305726 "N nom Vtn N nom Vin fact acc Vtn fact nom Vid"
- 22. 0.00317801778537 "N nom Vtn N nom N acc Vtn fact acc Vtn fact nom Vid"
- 23. 0.00317392709748 "N nom Vtn N nom N acc Vtn fact nom Vid"
- 24. 0.00317392709748 "N nom Vtn N nom N acc Vtn fact nom Vid"
- 25. 0.00232214626009 "N nom Vtn fact nom Vin fact acc Vtd"
- 26. 0.00230890329202 "N nom Vtn Vin Vin Vin N nom Vid"
- 27. 0.00220124125223 "N nom Vtn fact nom N acc Vtn fact acc Vtd"
- 28. 0.00220124125223 "N nom Vtn fact acc Vtn fact nom N acc Vtd"
- 29. 0.00209202855692 "N nom Vtn Vtn N nom Vid"
- 30. 0.00175209749569 "N nom Vtn Vin Vin fact nom Vid"
- 31. 0.00169718615655 "N nom Vtn fact acc Vtd"
- 32. 0.00166087268134 "N nom Vtn Vin N acc Vtn fact nom Vid"
- 33. 0.00152892104911 "N nom Vtn Vin Vin N nom N acc Vtd"
- 34. 0.00121737106478 "N nom Vtn N acc Vtn N nom Vin fact acc Vtd"
- 35. 0.00116170795129 "N nom Vtn N nom Vin fact acc Vtn fact acc Vtd"
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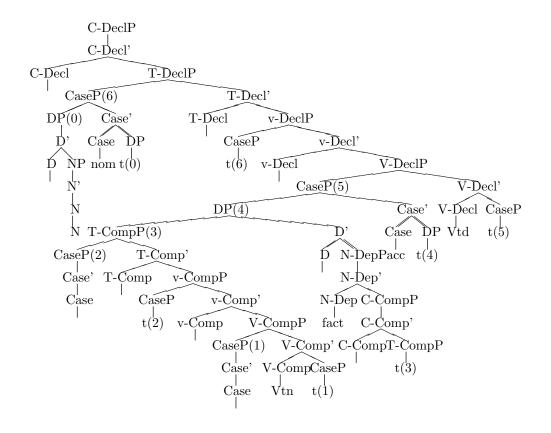
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- 42. 0.000714373612933 "N nom Vtn N nom Vtn fact acc Vtd"
- 43. 0.000603400949293 "N nom Vtn N nom Vin fact nom Vin fact acc Vtd"
- 44. 0.000542203272879 "N nom Vtn N nom N acc Vtn fact nom N acc Vtn fact acc Vtd"
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- 48. 0.000416095345498 "N nom Vtn Vin Vin Vin N nom Vin fact acc Vtd"
- 49. 0.000394430900032 "N nom Vtn Vin Vin Vin N nom N acc Vtn fact acc Vtd"
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- 57. 0.000147180807161 "N nom Vtn Vin N nom N nom Vin fact acc Vtd"
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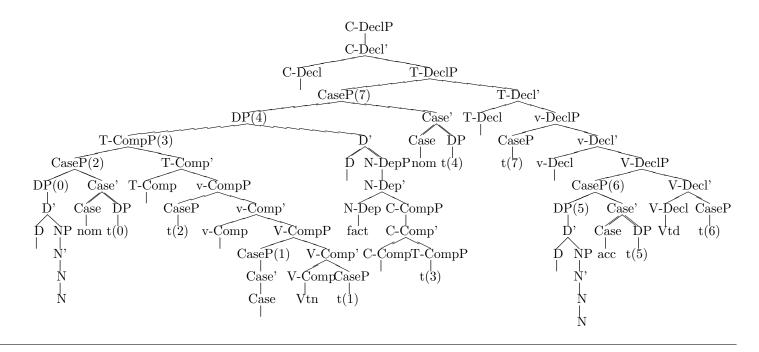
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- 61. 5.42146994815e-5 "N nom Vtn Vin N nom Vin Vin N nom Vid"
- 62. 5.25169198474e-5 "N nom Vtn N acc Vtn fact nom N acc Vtn fact acc Vtd"
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- 64. 3.84314471366e-5 "N nom Vtn fact nom Vin N nom N acc Vtn fact nom Vid"
- 65. 2.86215838552e-5 "N nom Vtn N acc Vtn N nom Vin fact nom N acc Vtn fact acc Vtd"
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- 67. 2.02822465156e-5 "N nom Vtn Vin N nom Vin fact nom N acc Vtn fact nom Vid"
- 68. 1.92014821792e-5 "N nom Vtn N nom Vin N nom N acc Vtn fact nom Vid"
- 69. 1.47405186965e-5 "N nom Vtn fact nom Vin N acc Vtn N nom Vin fact acc Vtd"
- 70. 8.39158712468e-6 "N nom Vtn N nom Vtn N nom N acc Vtn fact acc Vtd"
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- 73. 3.75900713722e-6 "N nom Vtn N nom N nom Vin fact acc Vtn fact acc Vtn fact nom Vid"
- 74. 2.49531937975e-7 "N nom Vtn Vin Vin N nom N acc Vtn fact nom Vin fact acc Vtn fact nom Vid"
- 75. 1.71116648665e-7 "N nom Vtn fact acc Vtn Vtn Vin Vin Vin N acc Vtn fact nom Vid"
- 76. 1.65236297991e-7 "N nom Vtn Vin Vin fact nom N acc Vtn fact nom N nom N acc Vtn fact acc Vtd"
- 77. 1.10378676134e-7 "N nom Vtn N nom N acc Vtn fact nom Vtn fact acc Vtn fact nom Vid"
- 78. 8.4143387042e-8 "N nom Vtn fact acc Vtn Vtn Vin N nom Vin Vin N nom Vid"
- 79. 8.32359559091e-9 "N nom Vtn Vin Vin fact nom N acc Vtn fact nom Vin fact nom N acc Vtn fact acc Vtd"
- 80. 4.35805316485e-9 "N nom Vtn fact nom N acc Vtn fact nom N nom Vin fact acc Vtn N nom N acc Vtn fact acc Vtn fact nom Vid"
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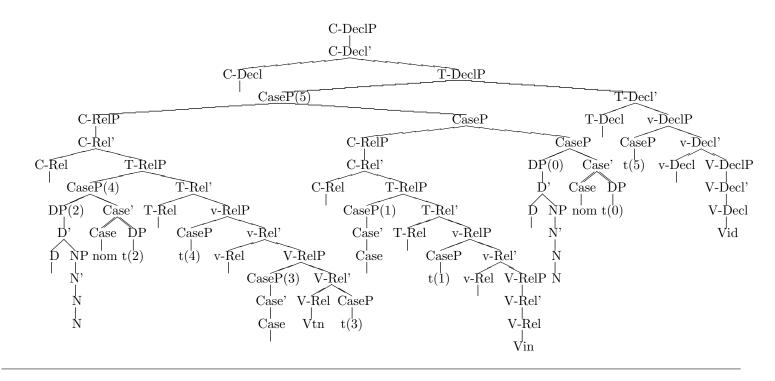
X-bar structures

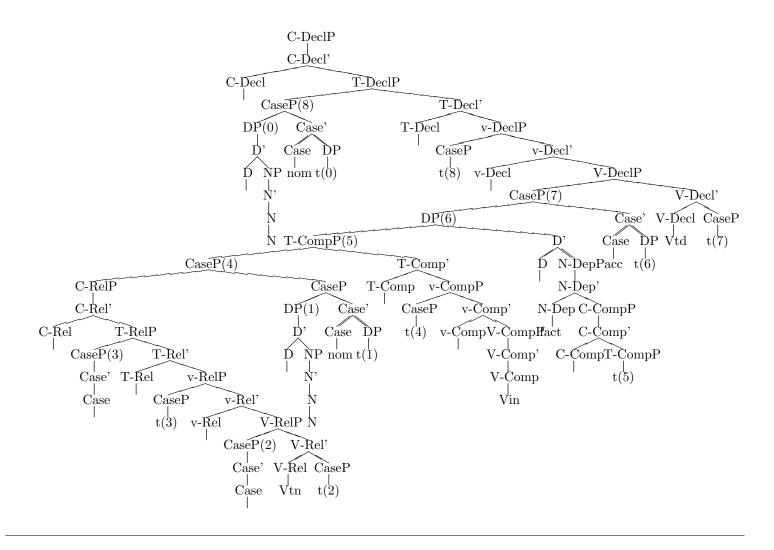


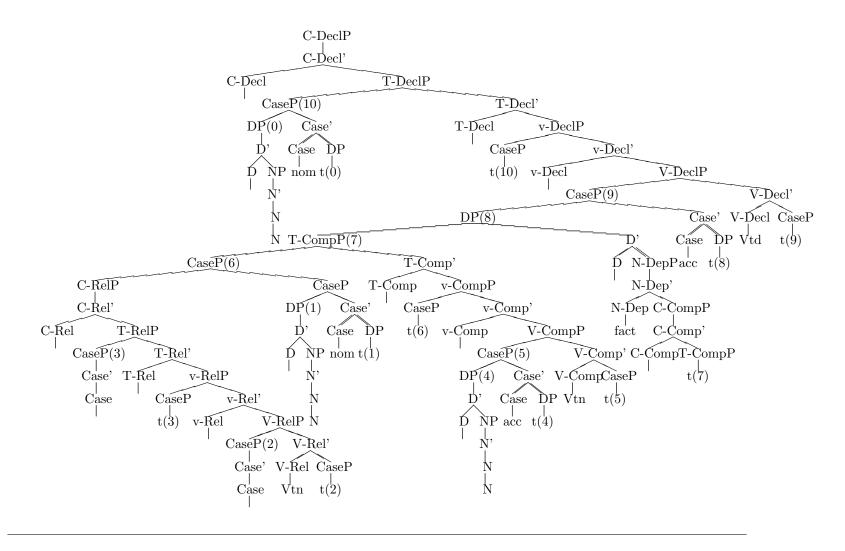


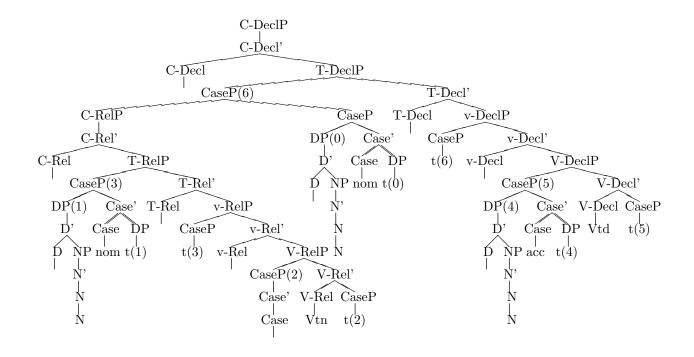


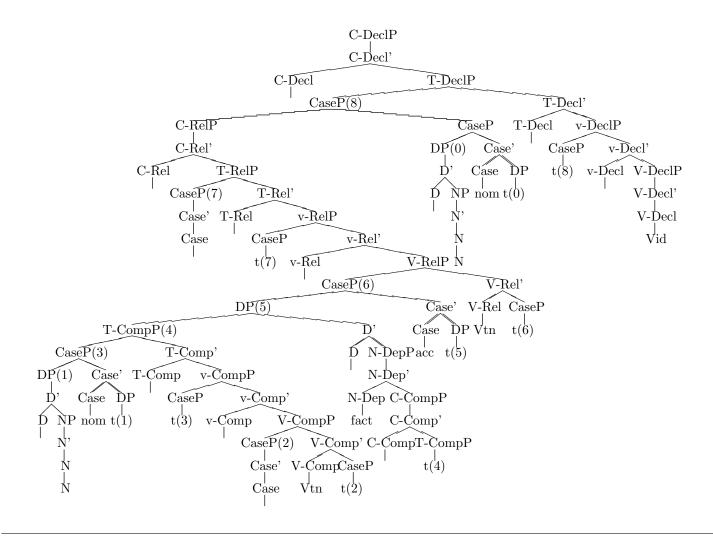


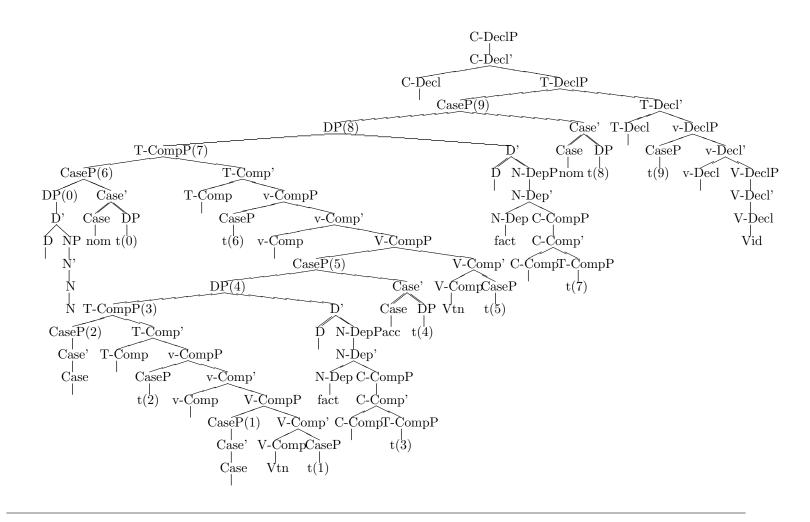


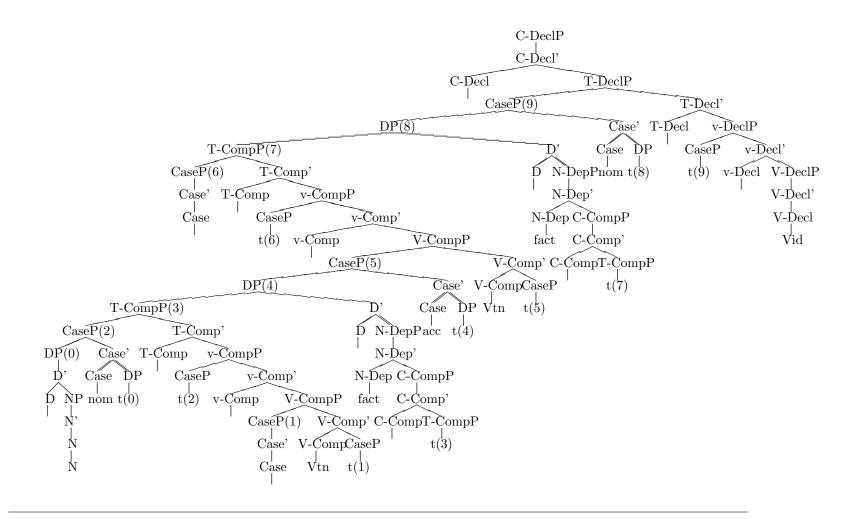


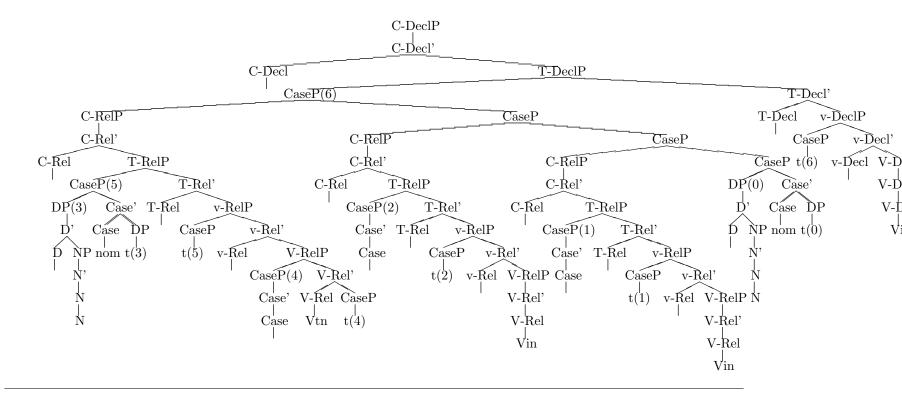


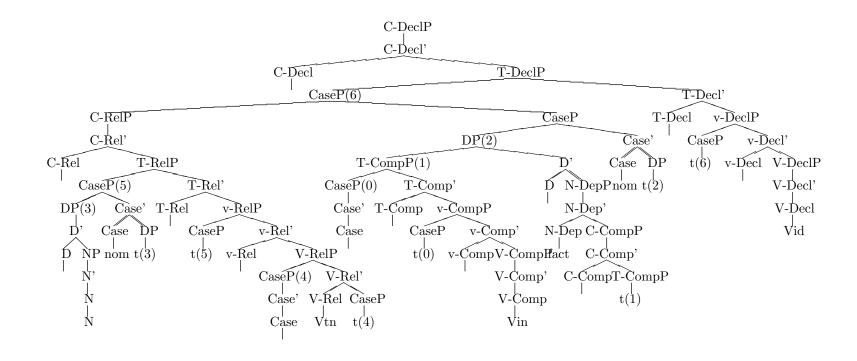


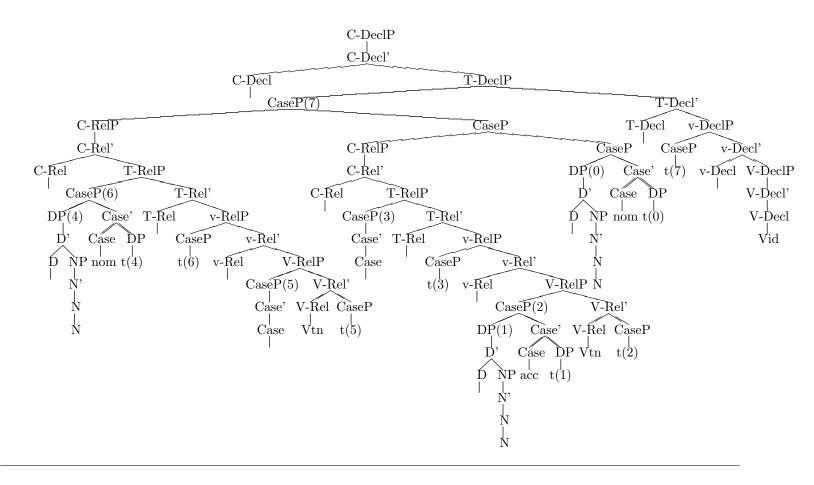


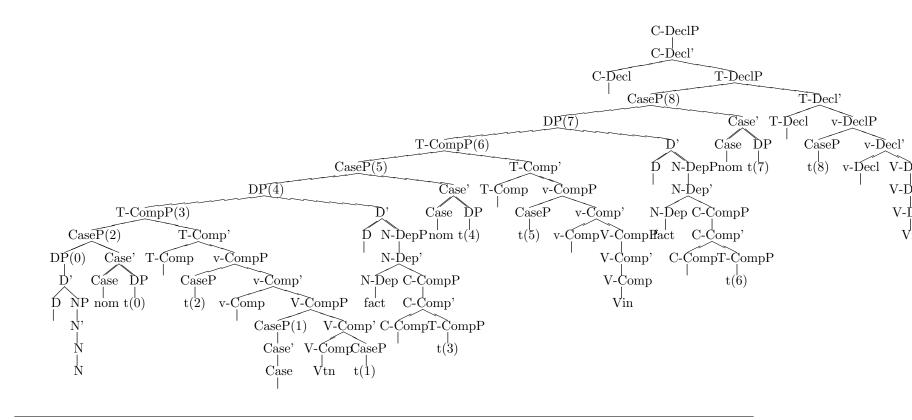




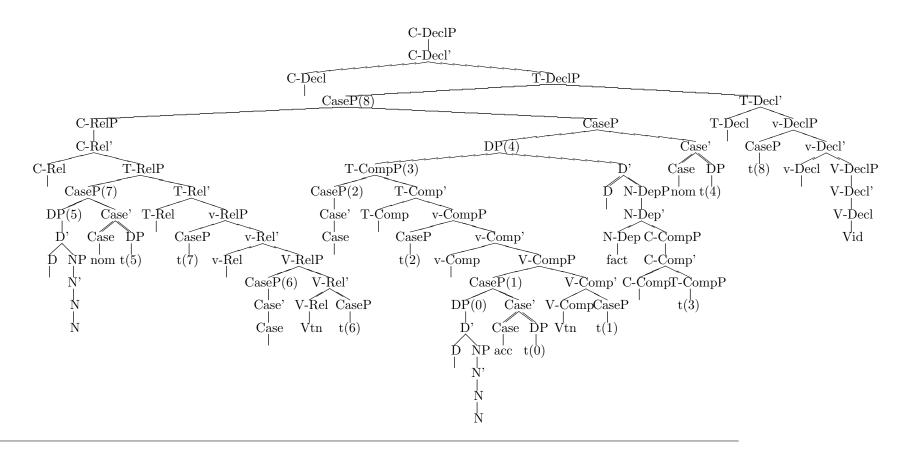


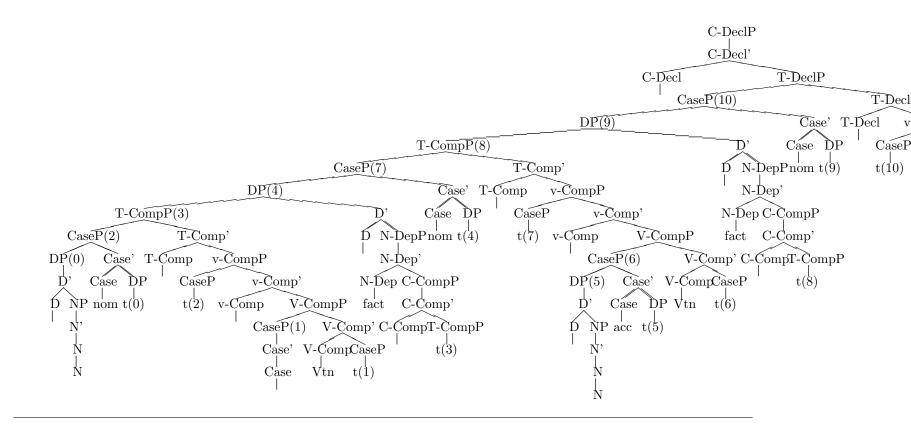




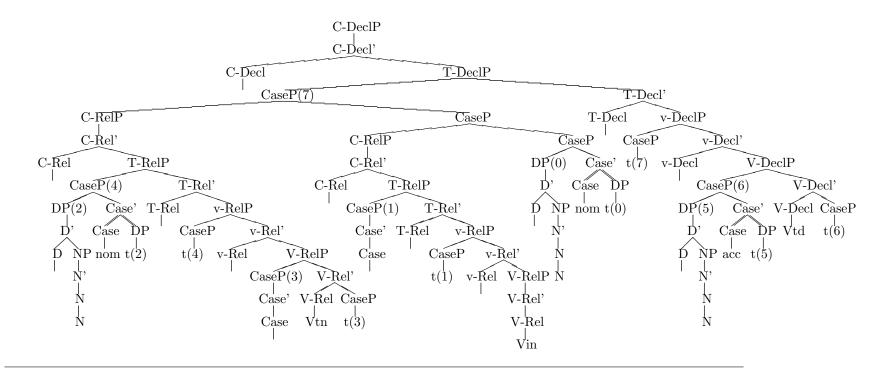


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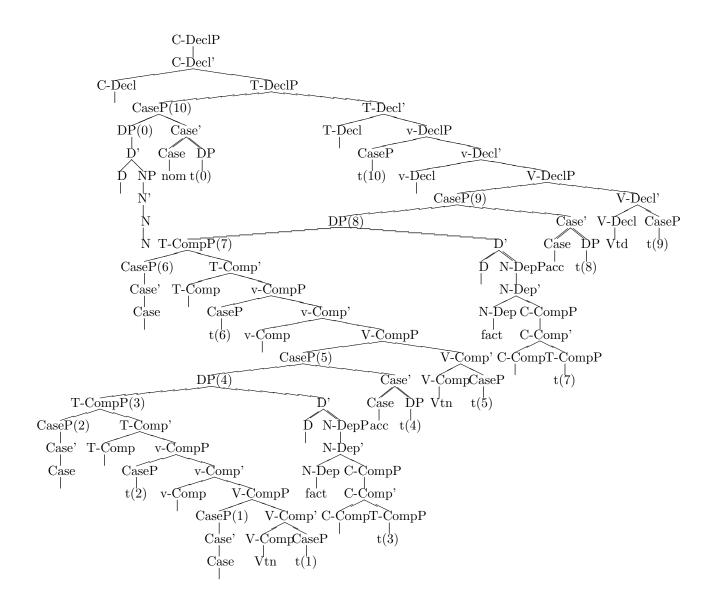




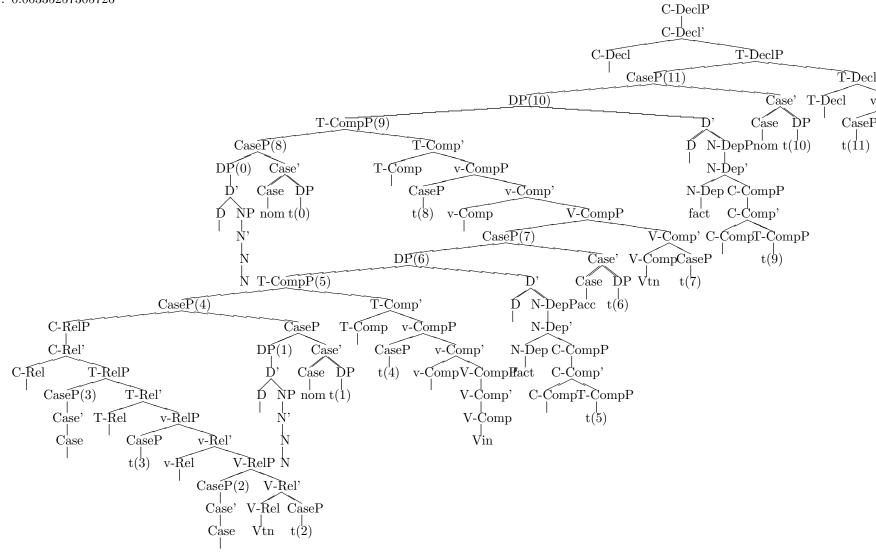
18. 0.0059341506174



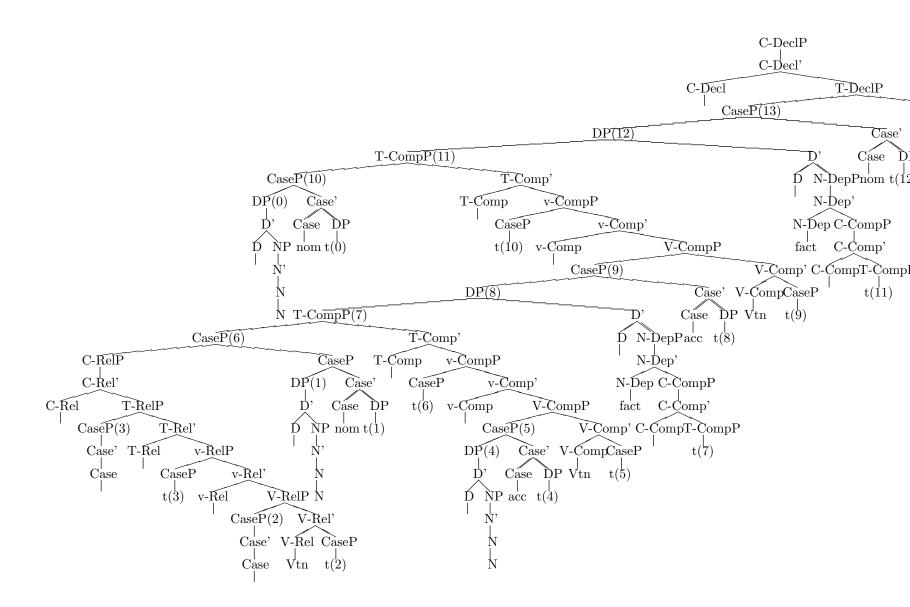
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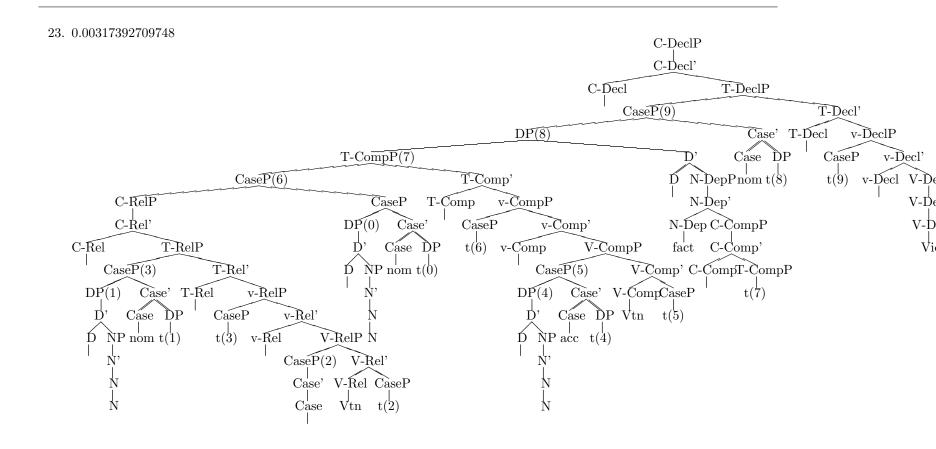


20. 0.00348348816486 C-DeclP C-Decl' C-Decl T-DeclP $Case\overline{P(9)}$ T-Decl' C-RelP CaseP T-Decl v-DeclP C-Rel' CaseP $\widehat{\text{C-RelP}}$ v-Decl' DP(0) Case' t(9) v-Decl V-L C-Rel T-RelP C-Rel' D', Case DP $\widehat{\text{CaseP(8)}}$ C-Rel T-Rel' T-RelP Case' T-Rel $\widehat{\text{CaseP}(1)}$ NP nom t(0)v-RelP T-Rel' Case' T-Rel Case CaseP v-Rel' v-RelP t(8) v-Rel V-RelP Case CaseP v-Rel' $\widehat{\text{CaseP(7)}}$ V-Rel' t(1) v-Rel V-RelP N Case' V-Rel CaseP DP(6)V-Rel' Case DP Vtn t(7) $T-\widetilde{\mathrm{CompP}(5)}$ V-Rel $\widehat{\text{CaseP}(4)}$ T-Comp' D N-DepPace t(6) Vin DP(2) Case' T-Comp v-CompP N-Dep' N-Dep C-CompP Case DP CaseP v-Comp' V-CompP fact C-Comp' D NP nom t(2)t(4) v-Comp CaseP(3) V-Comp' C-CompT-CompP Ŋ, Case' V-CompCaseP t(5)Case Vtn t(3)

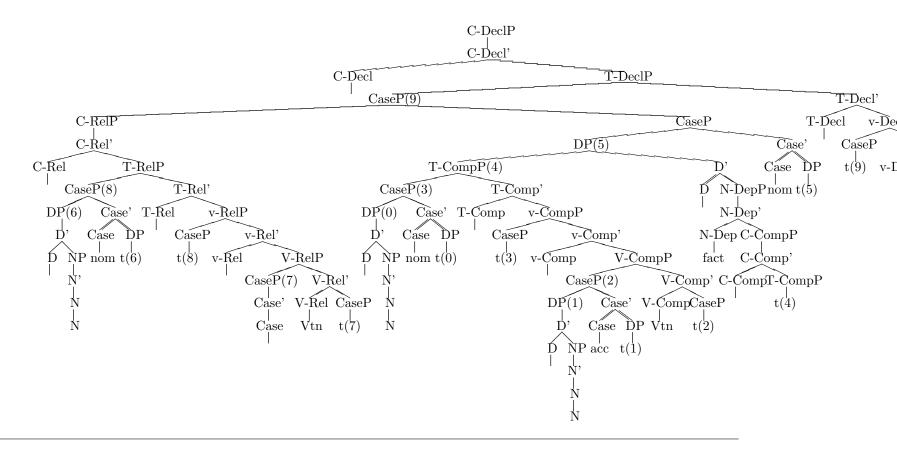


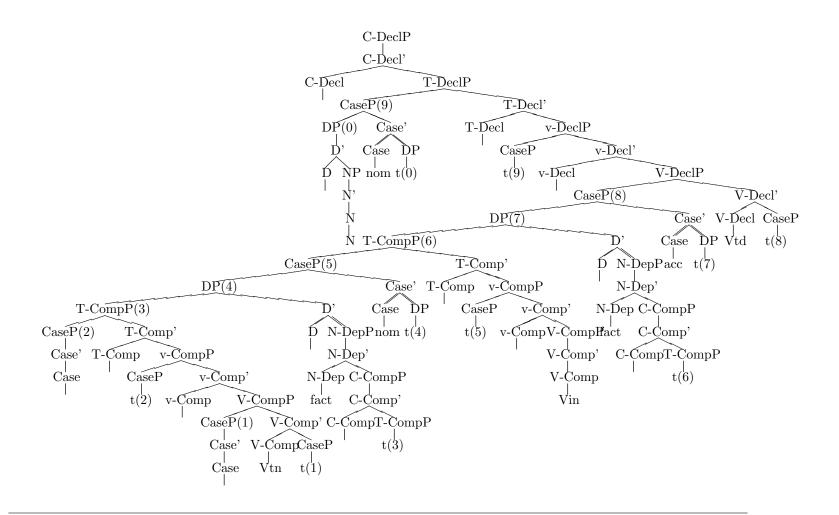
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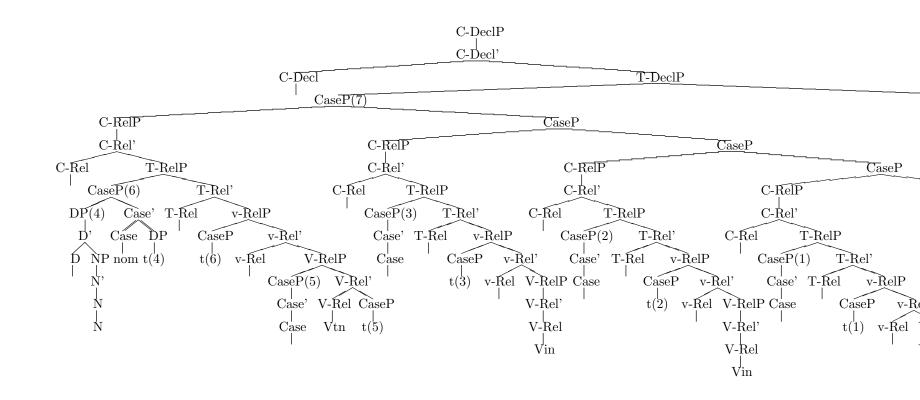


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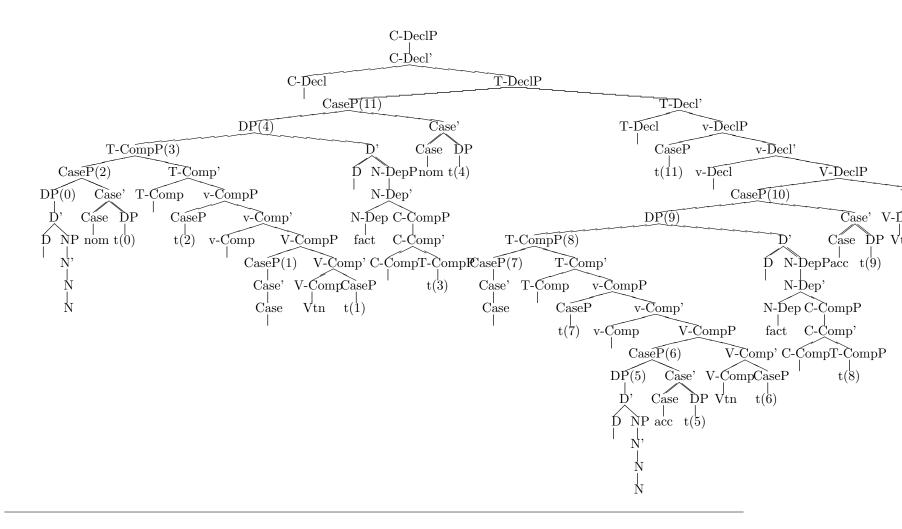


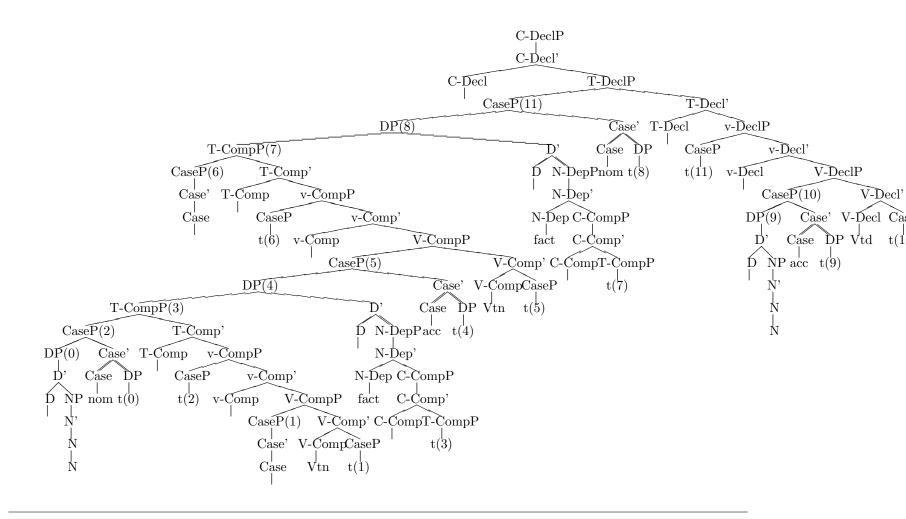


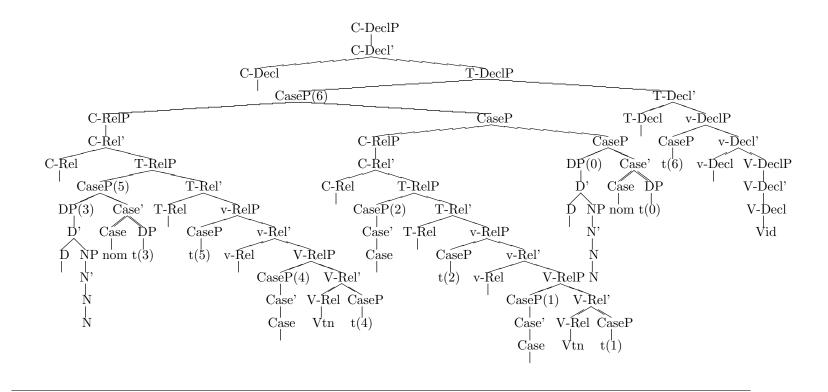
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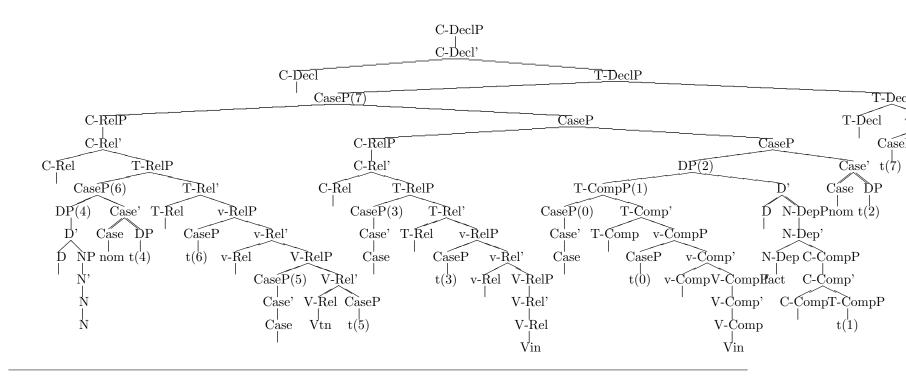


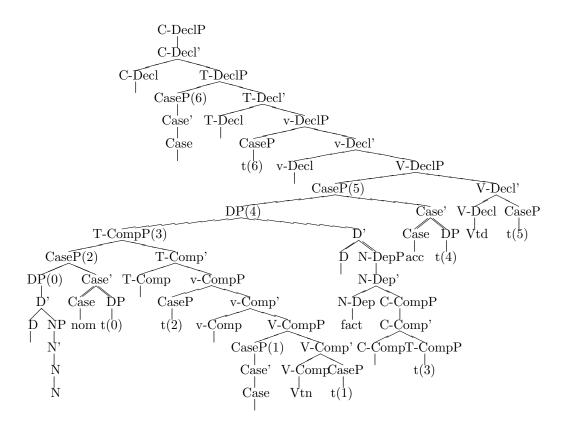
 $27. \ 0.00220124125223$



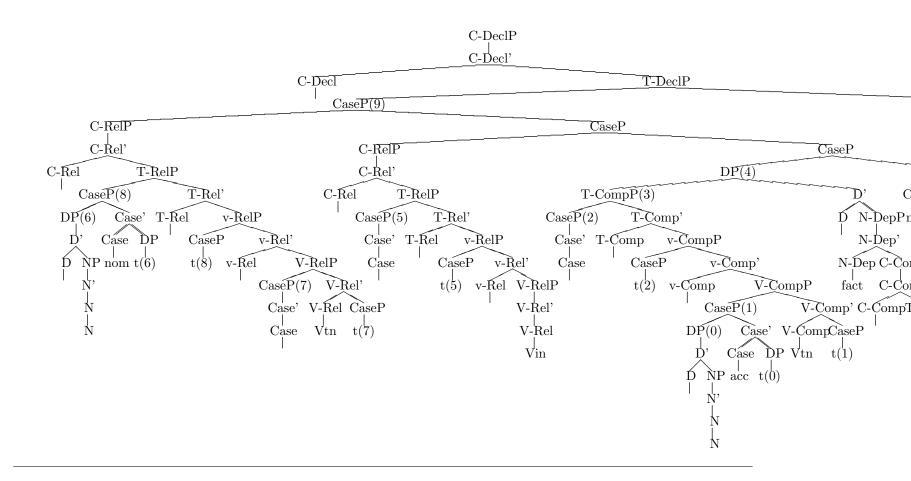


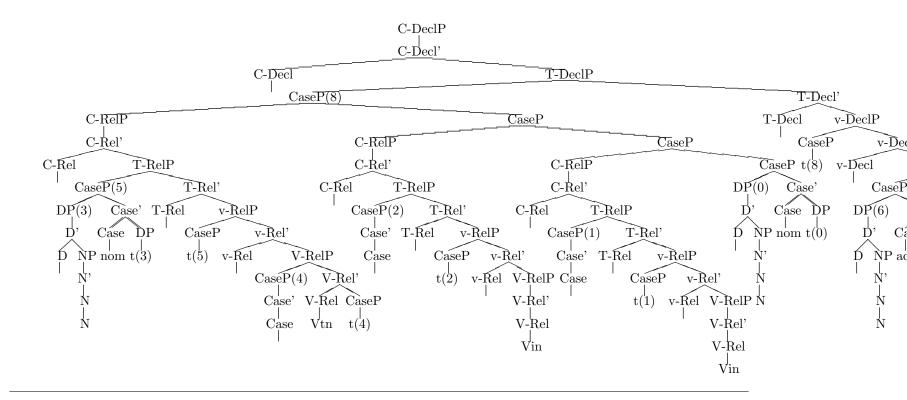


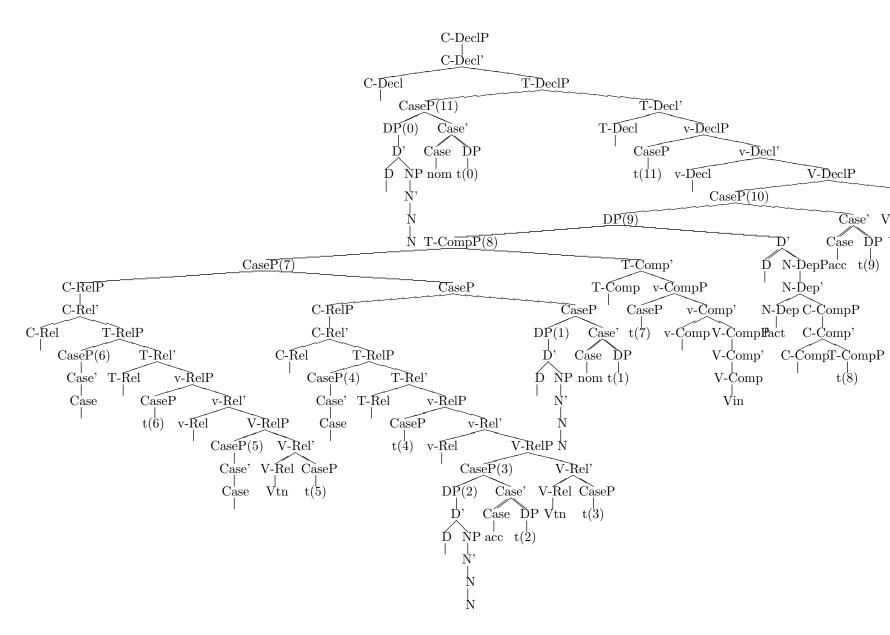




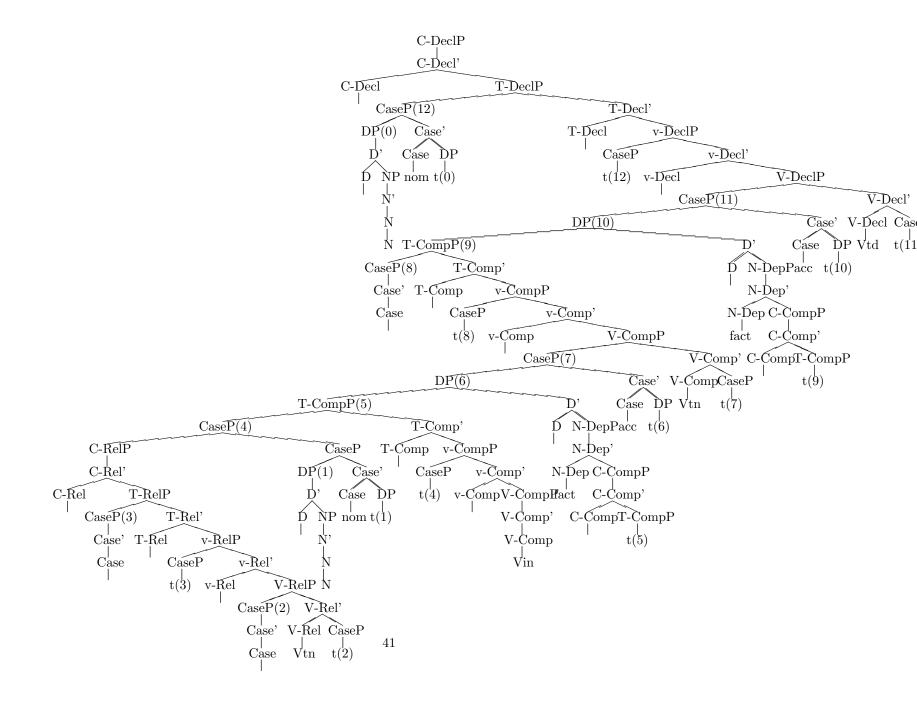
 $32.\ 0.00166087268134$







 $35.\ \ 0.00116170795129$



36. 0.00116021262151 C-DeclP C-Decl' C-Decl T-DeclP $Case\overline{P(8)}$ T-Decl' C-RelP CaseP v-DeclP T-Decl C-Rel' CaseP $\widetilde{\mathrm{DP}(2)}$ Case' v-Decl' T-RelP $T-\widehat{\mathrm{CompP}(1)}$ $\widehat{\text{C-Rel}}$ Case DP t(8) v-Decl V-DeclP D N-DepPnom t(2) $\widehat{\text{CaseP}(5)}$ T-Rel' $\widehat{\text{CaseP}(0)}$ T-Comp' $\widehat{\text{CaseP}(7)}$ V-Decl' DP(6) Case' V-Decl Case DP(3) Case' T-Rel Case' T-Comp v-CompP N-Dep' v-RelP Case DP CaseP CaseP N-Dep C-CompP Case DP Vtd v-Rel' Case v-Comp' t(5) v-Rel t(0) v-CompV-CompFact C-Comp' NP acc t(6) NP nom t(3)V-RelP CaseP(4) V-Rel' V-Comp' C-CompT-CompP

V-Comp

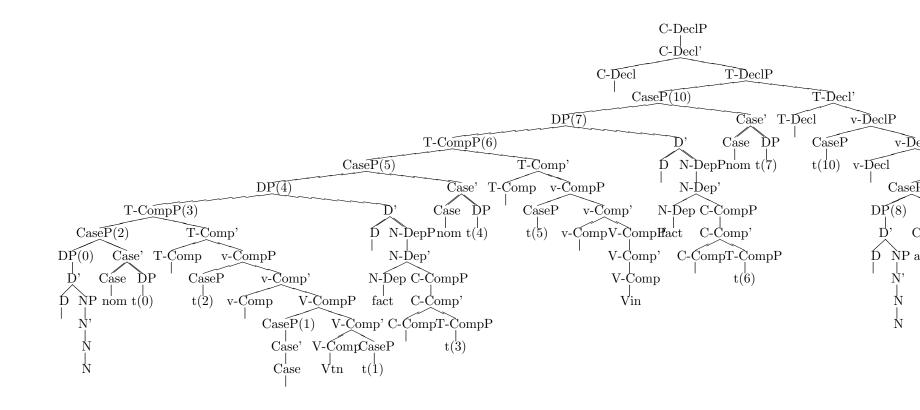
Vin

t(1)

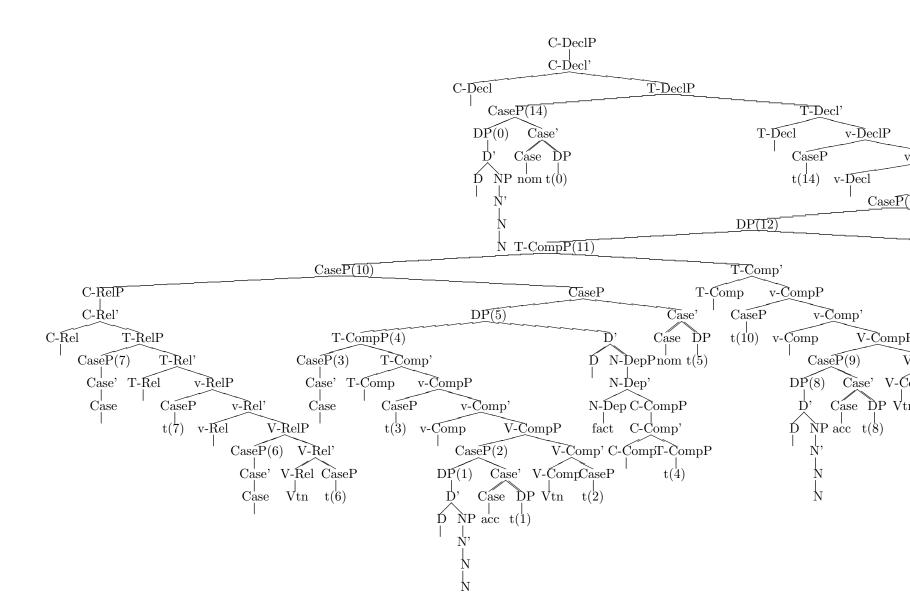
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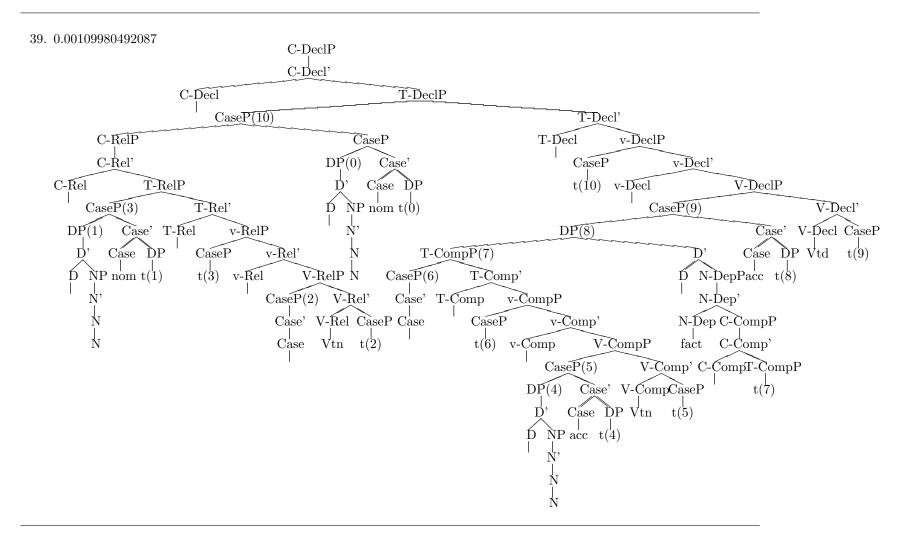
Case' V-Rel CaseP

Case Vtn t(4)

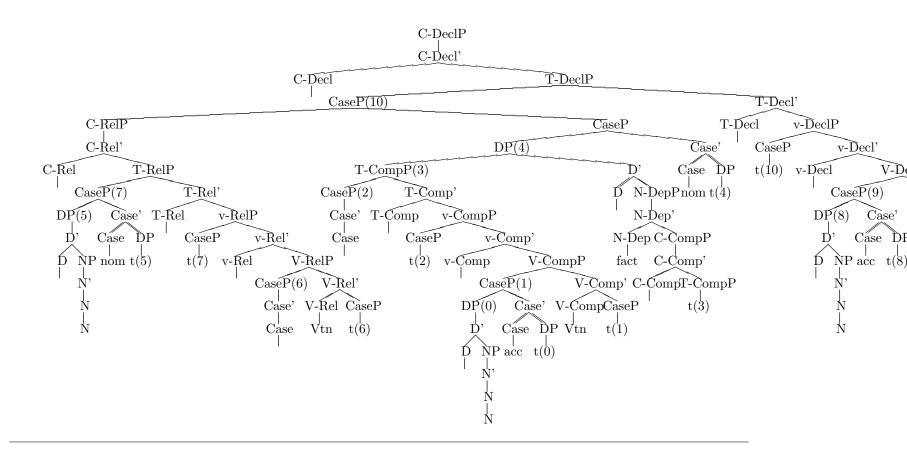


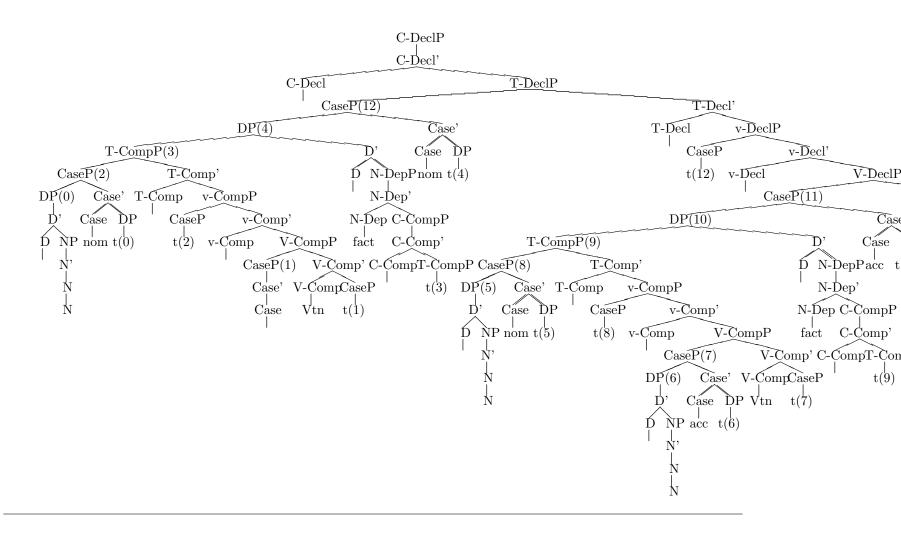
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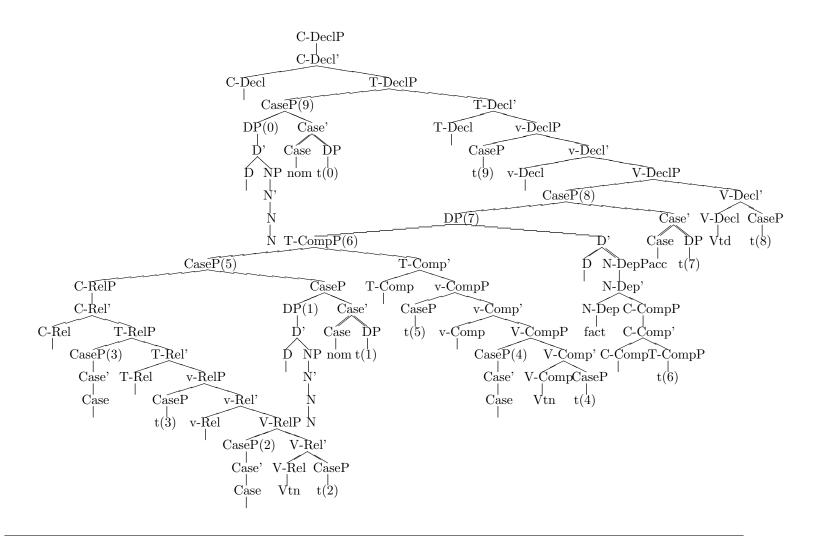


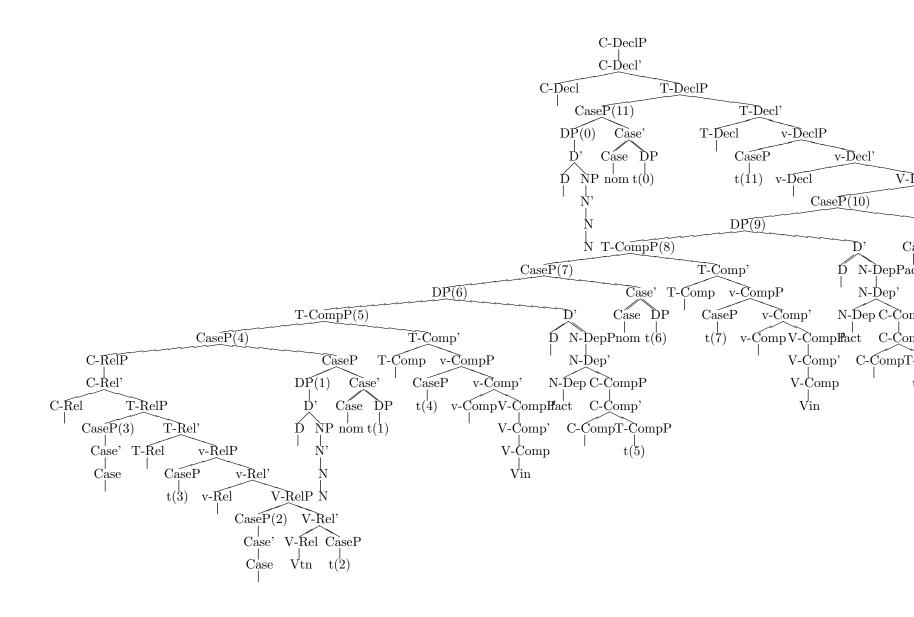


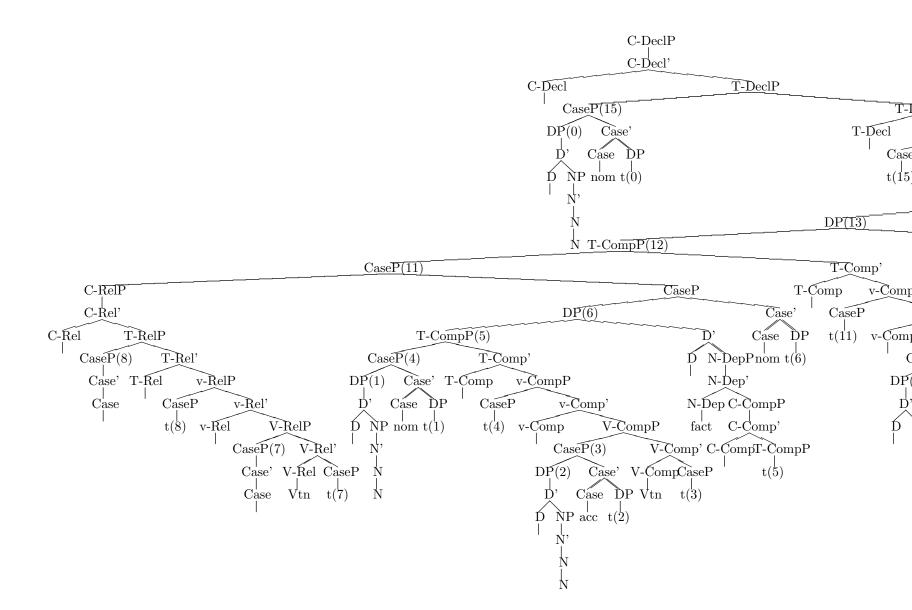
40. 0.00109980492087

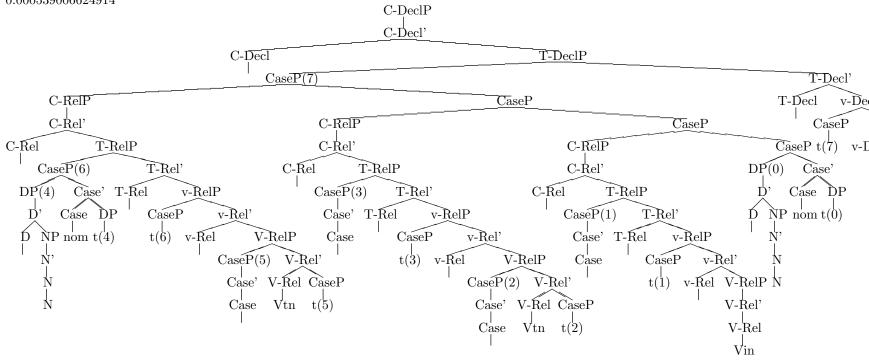


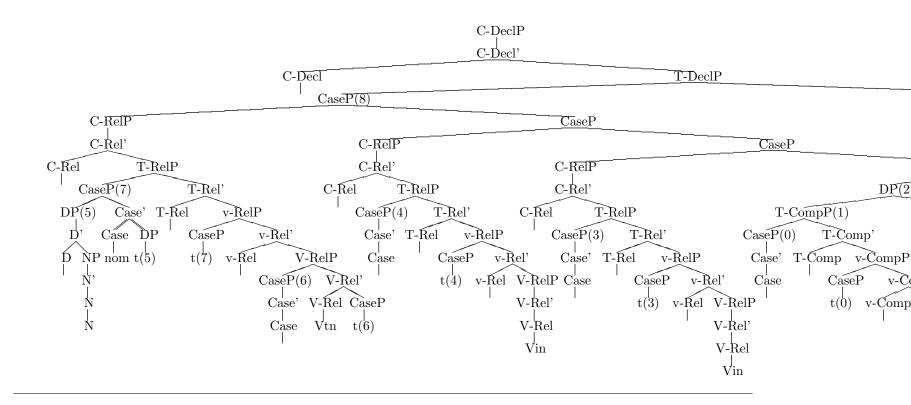


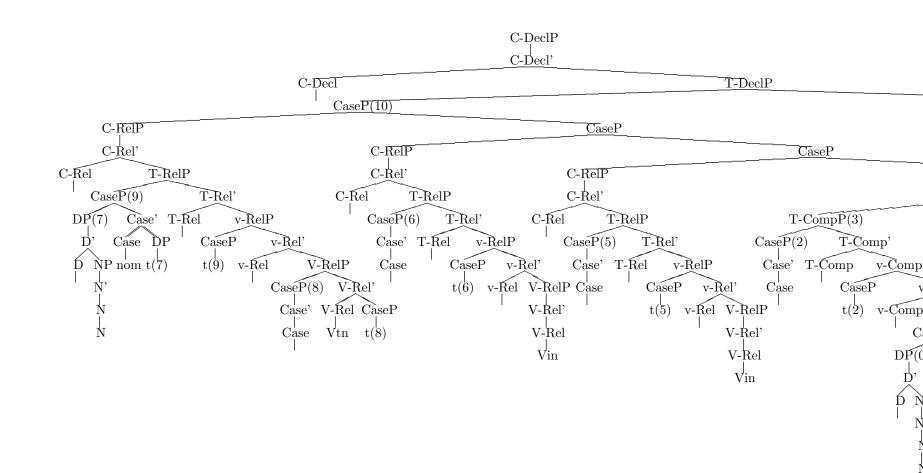


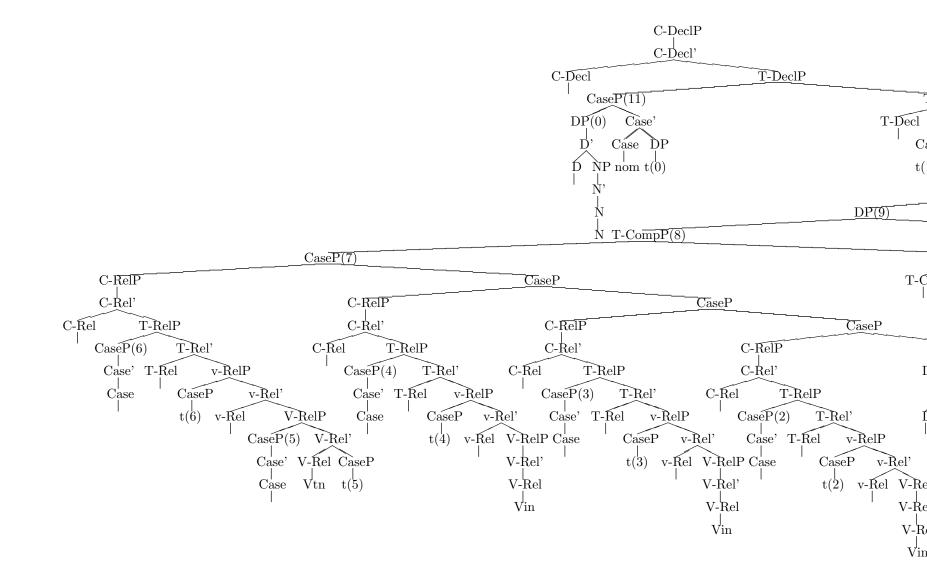


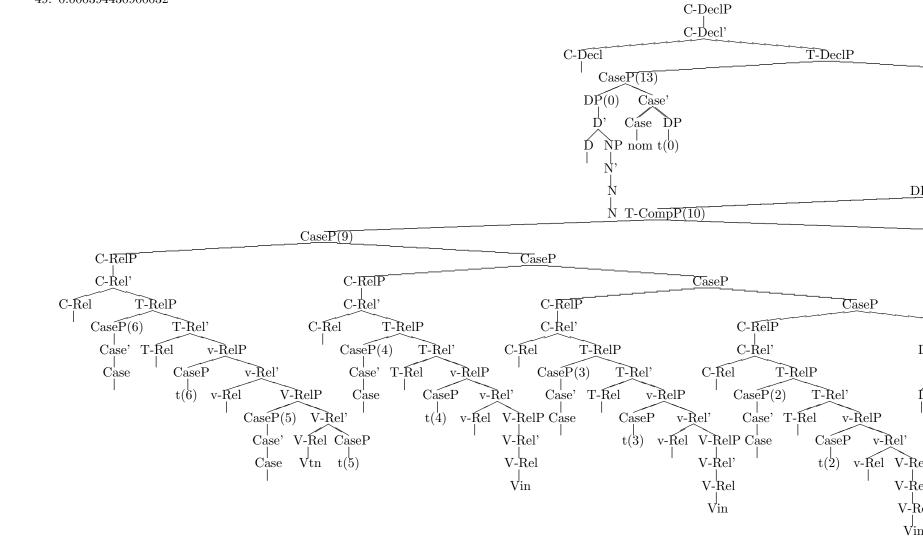


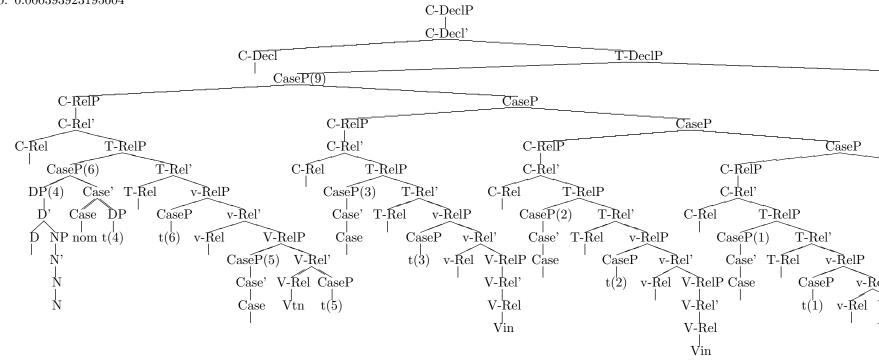


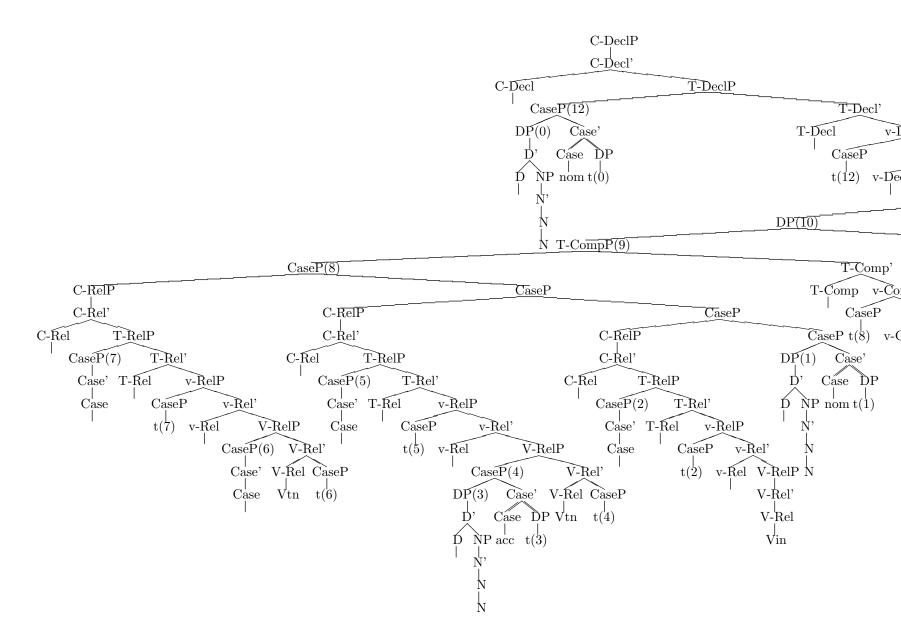




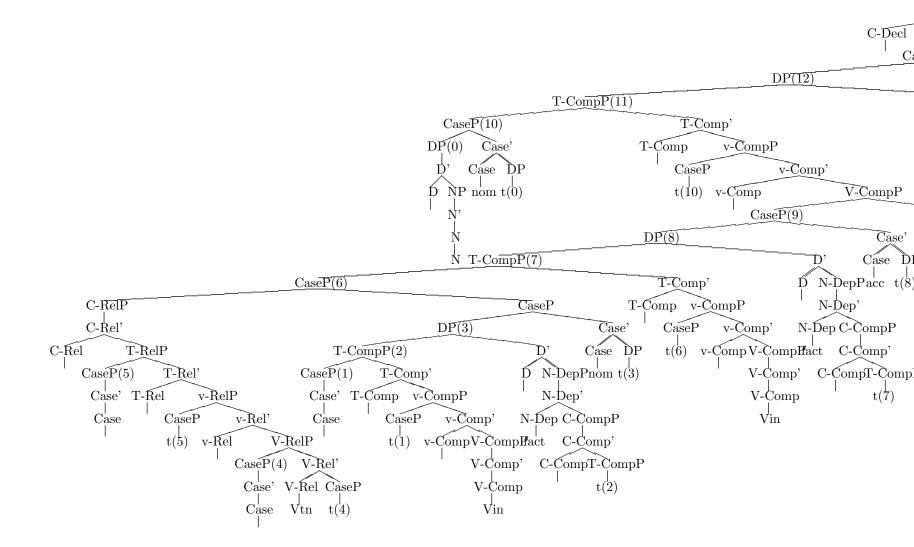


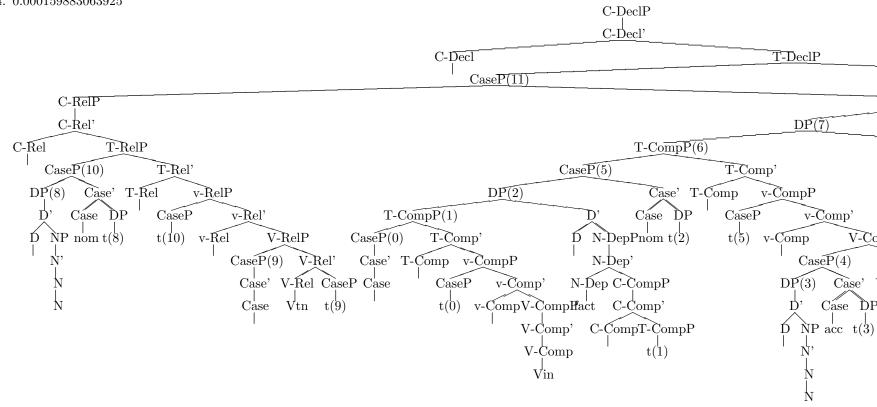


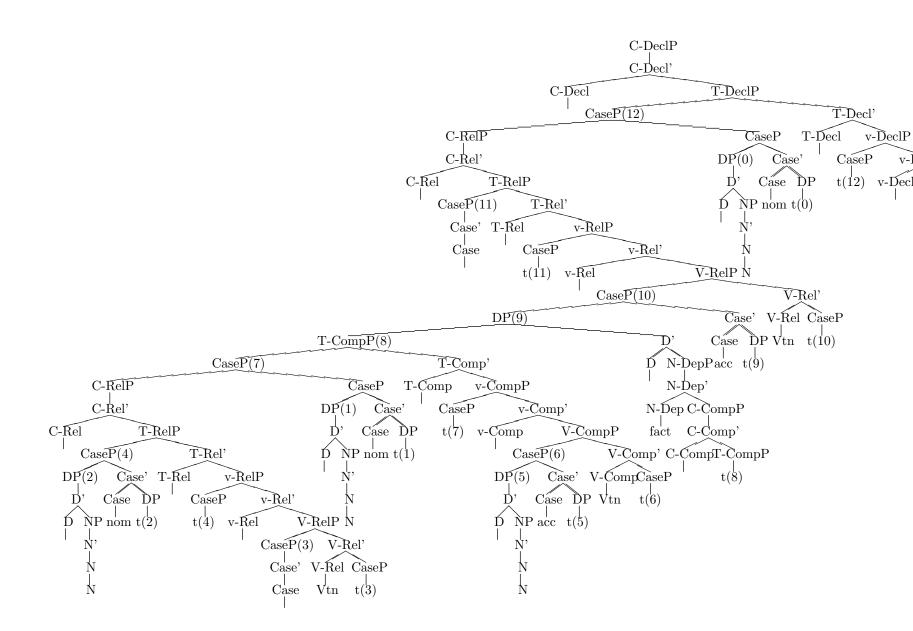


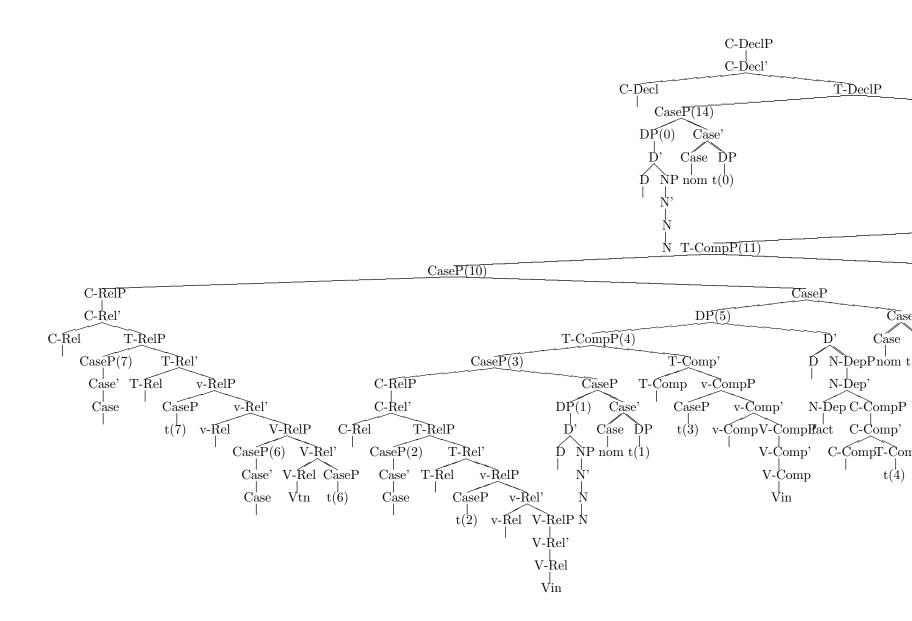


52. 0.00029892626811 C-DeclP C-Decl' $C-\overline{Decl}$ T-DeclP $Case\overline{P(9)}$ T-De C-RelP T-Decl CaseP C-Rel' C- $Rel\overline{P}$ CaseP Case T-RelP $\widehat{\text{Case}}$, t(9)C-Rel C-Rel' $\widetilde{\mathrm{DP}(2)}$ Case DP $\widehat{\text{CaseP}(6)}$ T-Rel' C-Rel T-RelP $T-\widehat{\mathrm{CompP}(1)}$ $\widehat{\text{CaseP}(0)}$ D N-DepPnom t(2)DP(4) Case' T-Rel $\widehat{\text{CaseP}(3)}$ T-Comp' v-RelP T-Rel' Case DP CaseP Case' T-Rel N-Dep' v-Rel' v-RelP Case' T-Comp v-CompP t(6) v-Rel Case CaseP v-Rel' Case CaseP v-Comp' N-Dep C-CompP NP nom t(4)V-RelP CaseP(5) V-Rel' t(3) v-Rel V-RelP t(0) v-CompV-CompFact C-Comp' Case' V-Rel CaseP V-Rel' V-Comp' C-CompT-CompP Case Vtn t(5)V-Rel V-Comp t(1)Vin Vin



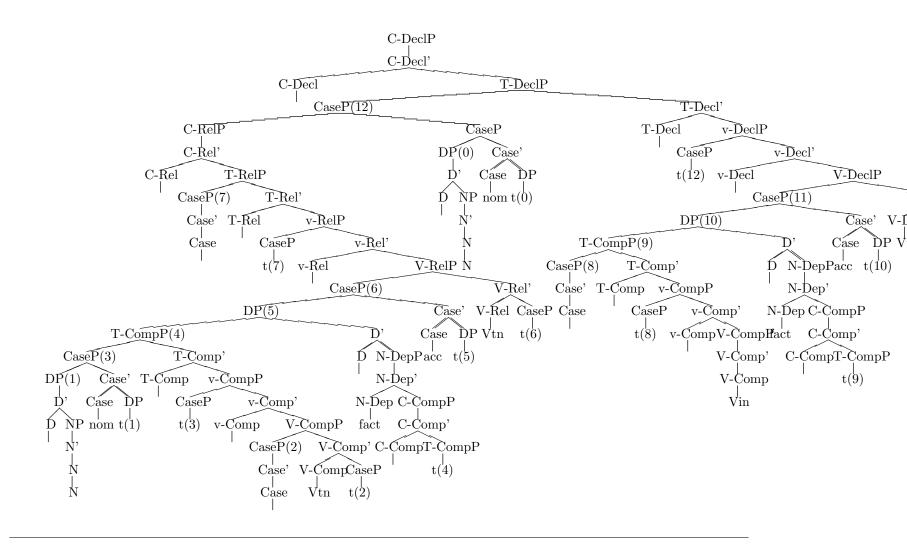


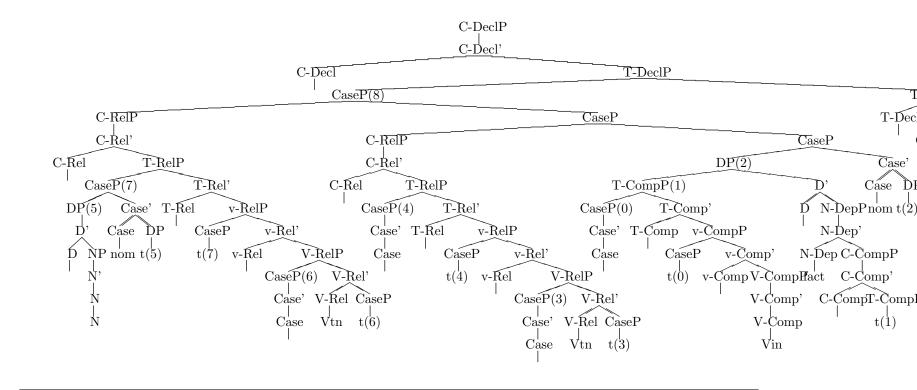




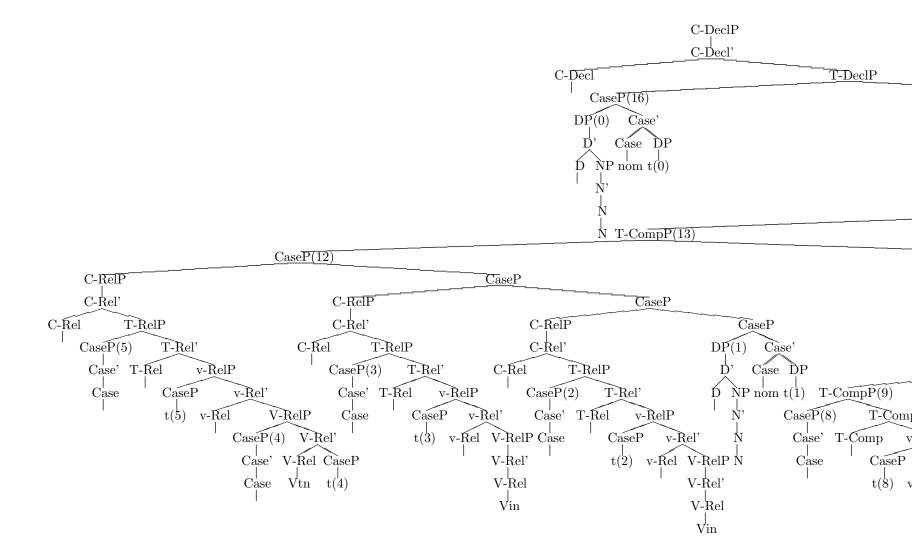
57. 0.000147180807161 C-DeclP C-Decl' $C\text{-}\overline{Decl}$ T-DeclP $Case\overline{P(10)}$ T-Decl' C-RelPT-Decl v-DeclP CaseP C-Rel' C-RelP CaseP $\widetilde{\text{CaseP}}$ v-Decl' T-RelP C-Rel DP(0) Case' t(10) v-Decl C-Rel' D' Case DP $\widehat{\text{CaseP}(4)}$ C-Rel T-RelP T-Rel' $\widetilde{\text{CaseP(9)}}$ DP(2) Case' T-Rel $\widehat{\text{CaseP}(1)}$ $D \text{ NP nom } \mathbf{t}(0)$ v-RelP T-Rel' DP(8)Case DP CaseP Case' T-Rel v-Rel' v-RelP $T-\widehat{\mathrm{CompP}(7)}$ CaseP v-Rel' t(4) v-Rel Case $\widehat{\text{CaseP}(6)}$ D N-DepF NP nom t(2)T-Comp' V-RelP t(1) v-Rel V-RelP N DP(5) Case' T-Comp v-CompP CaseP(3) V-Rel' N-Dep' Case' V-Rel CaseP D' Case DP CaseP v-Comp' N-Dep C-C V-Rel' Case Vtn t(3)V-Rel D NP nom t(5)t(6) v-CompV-CompHact C-C V-Comp' C-Comp N, Vin V-Comp Vin

58. 0.000116198138665

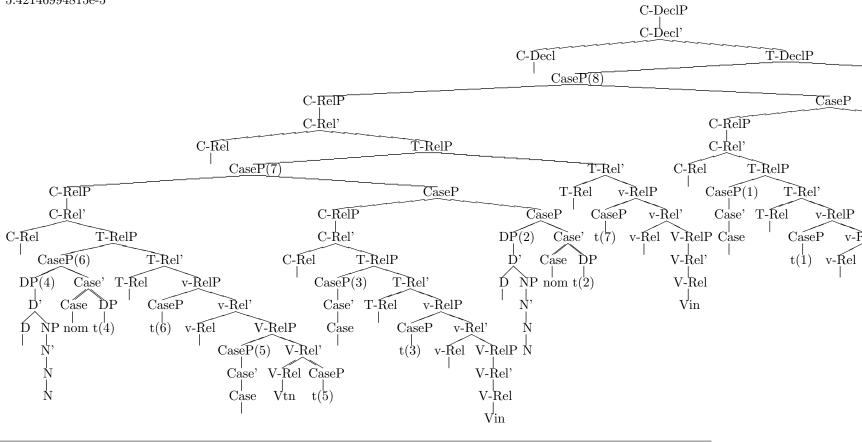




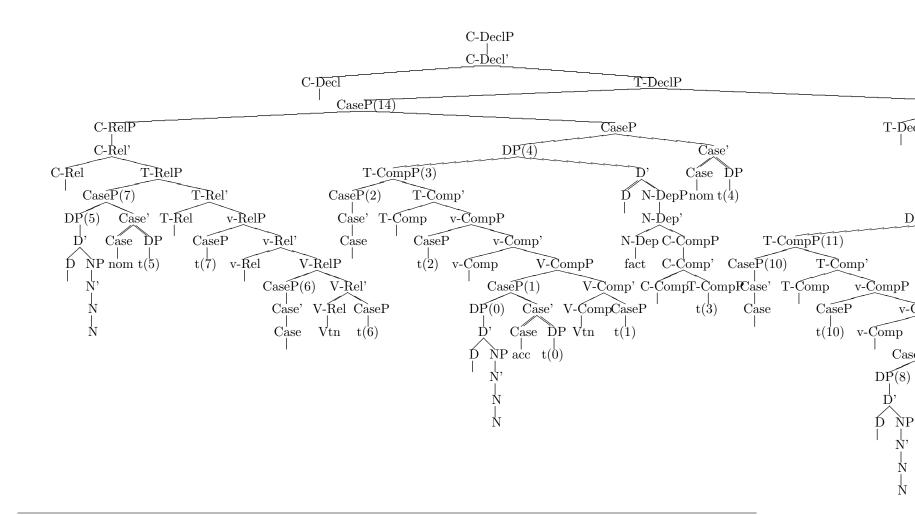
60. 7.31017921127e-5



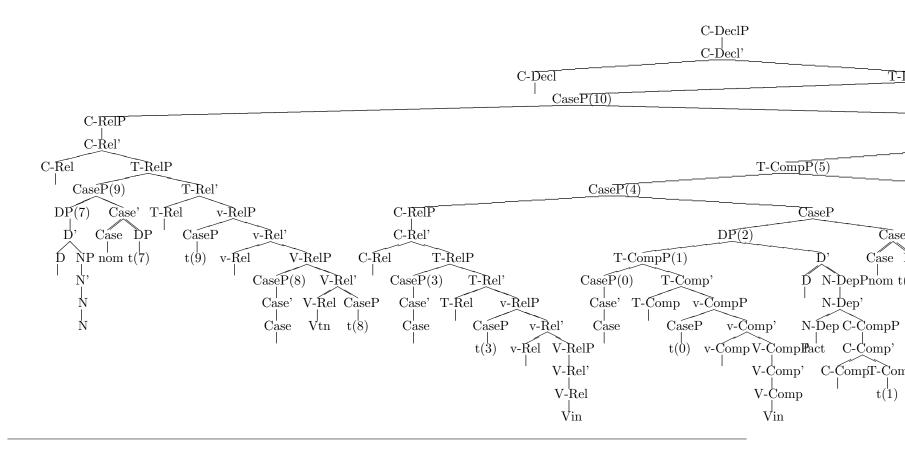
61. 5.42146994815e-5



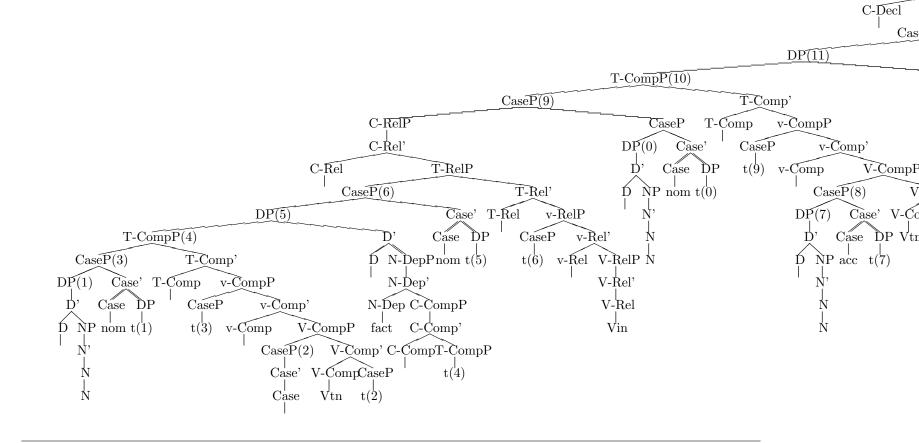
62. 5.25169198474e-5



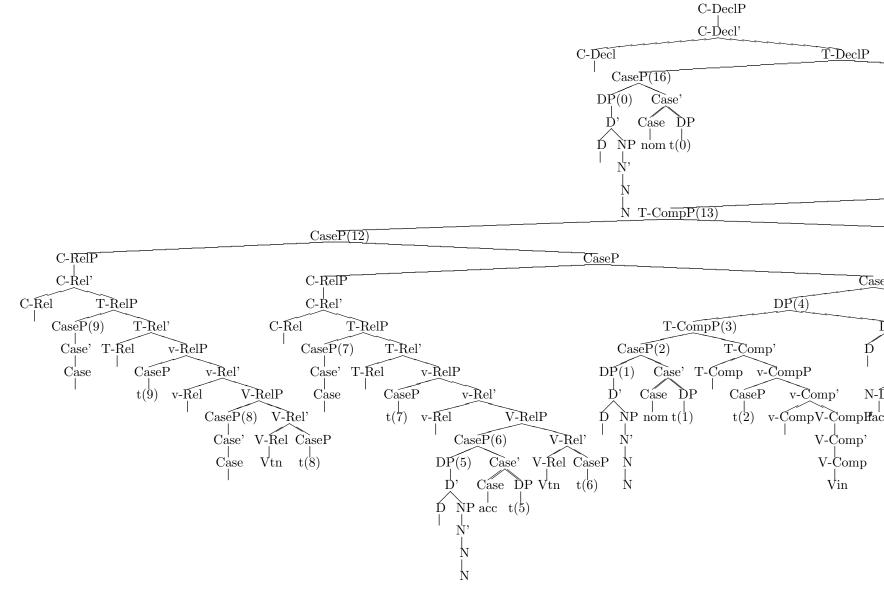
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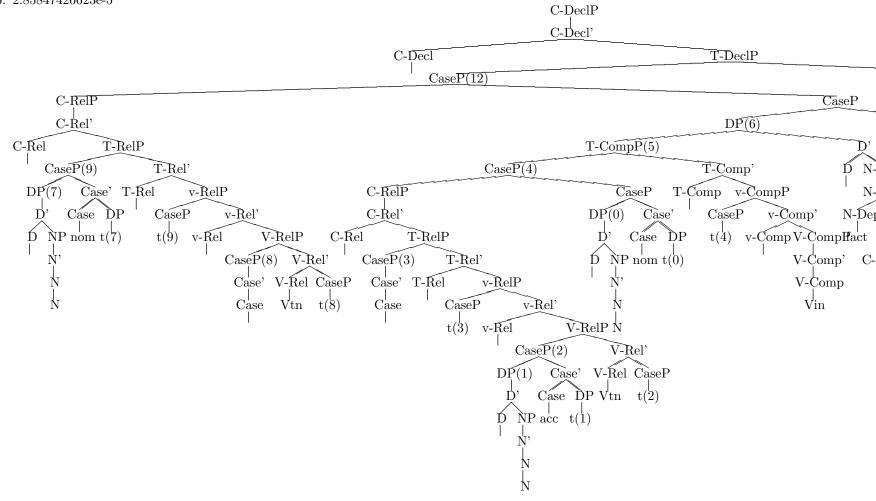


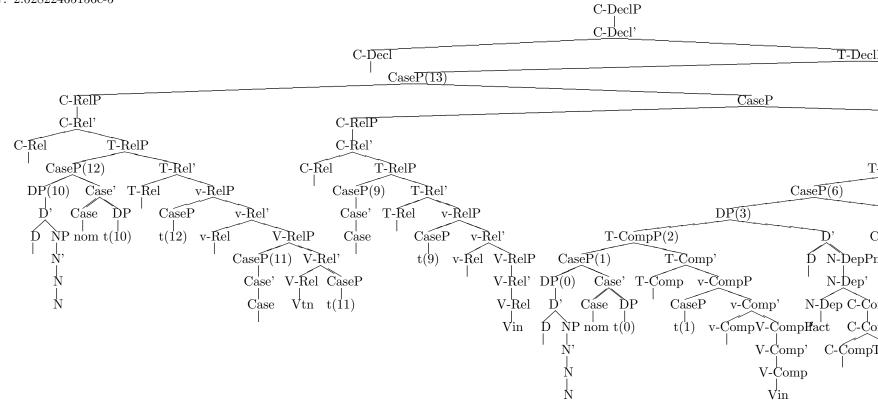
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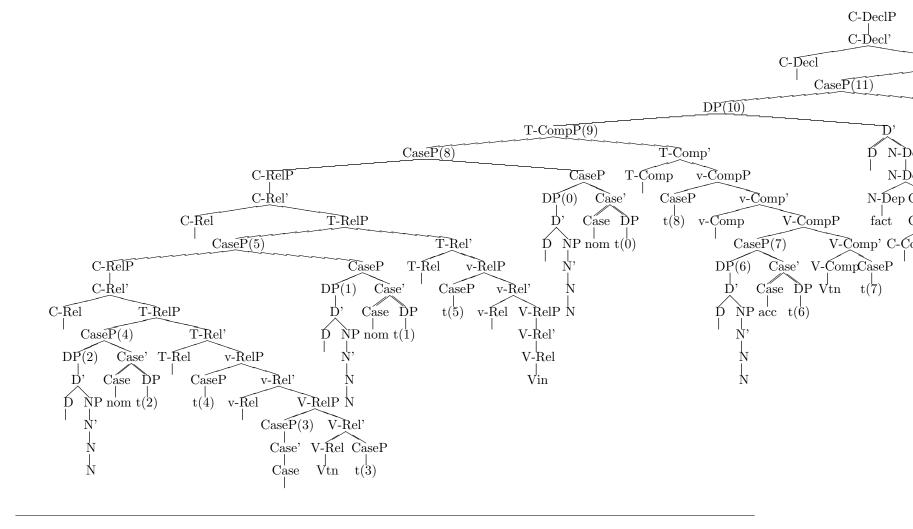
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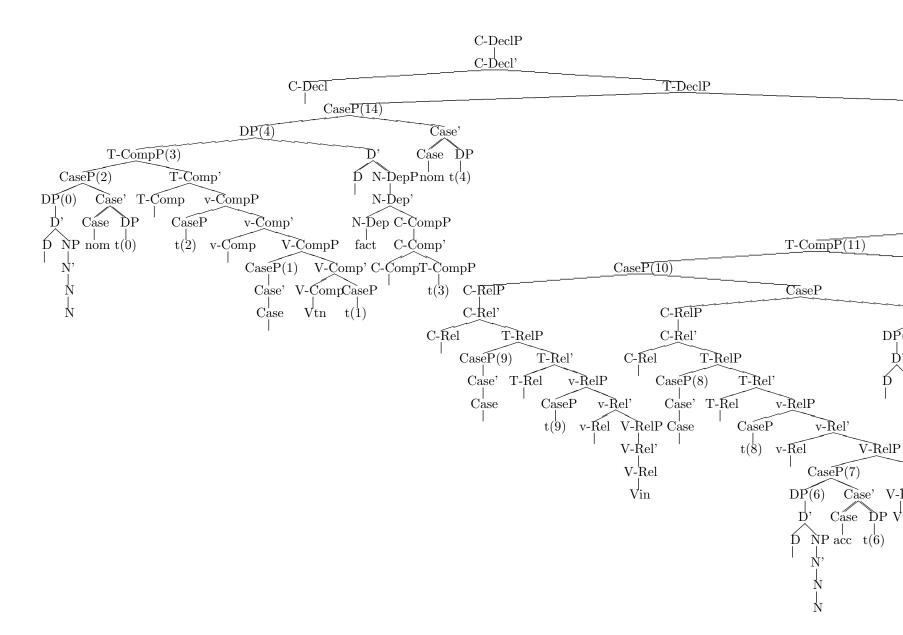


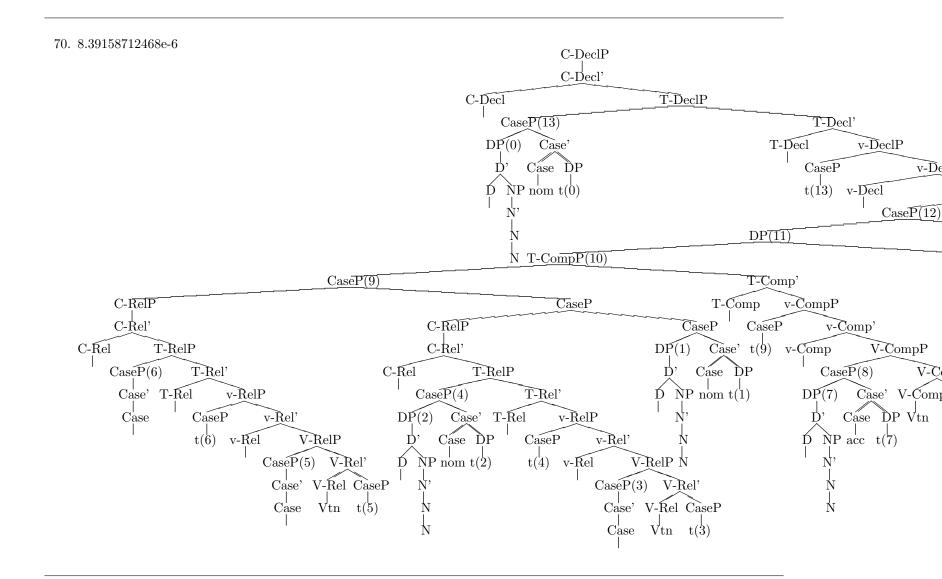


68. 1.92014821792e-5

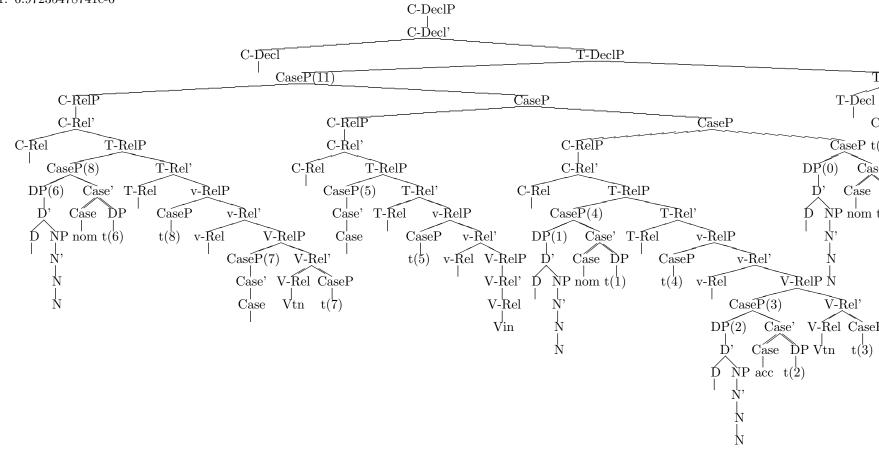


69. 1.47405186965e-5

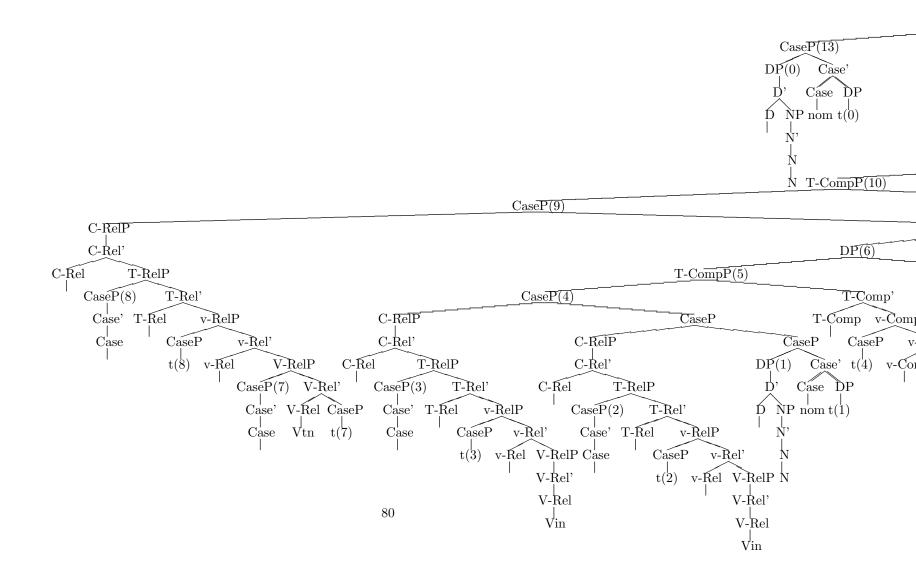




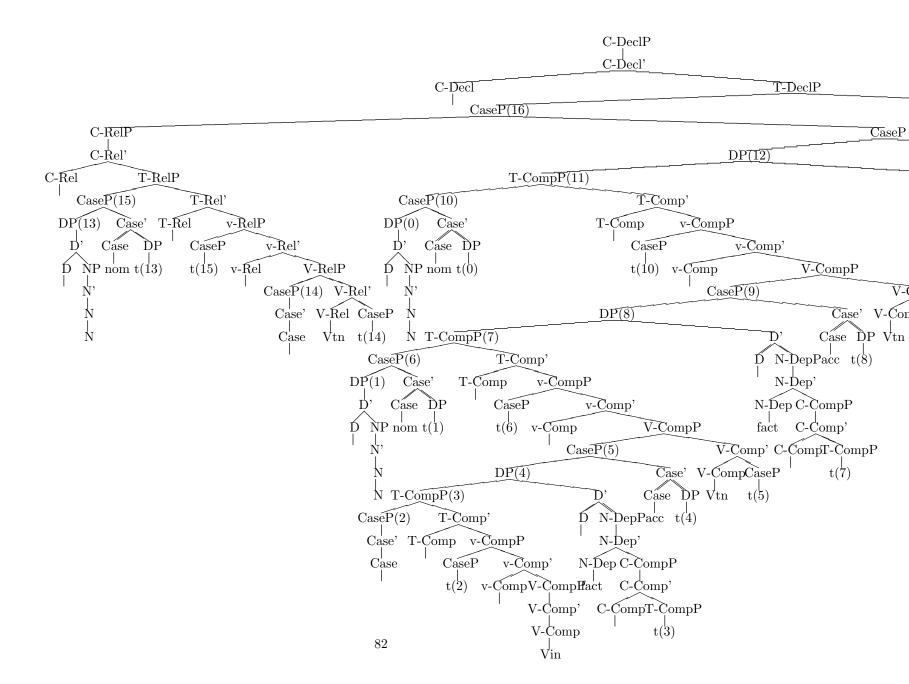
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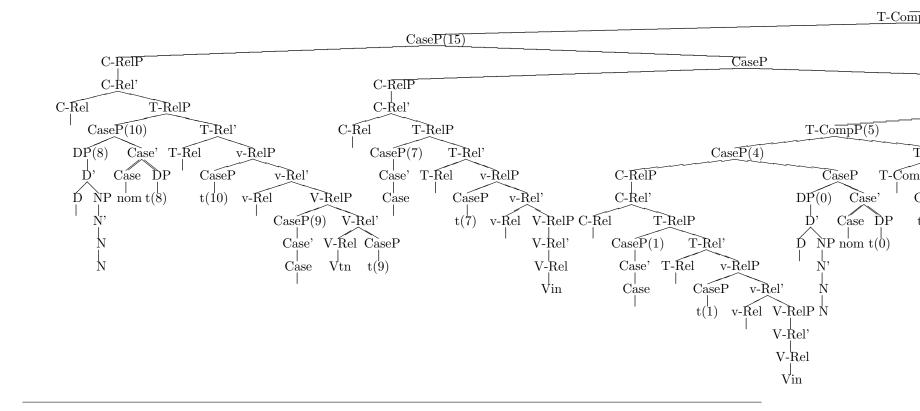
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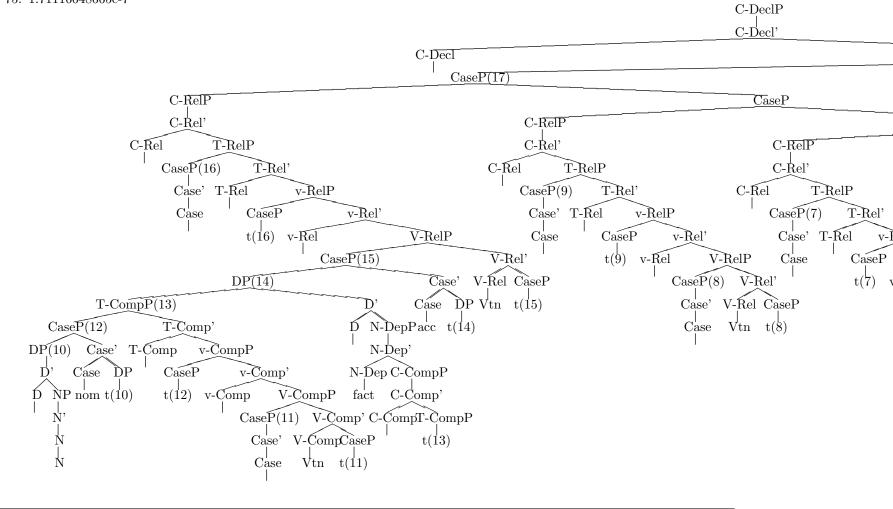


73. 3.75900713722e-6

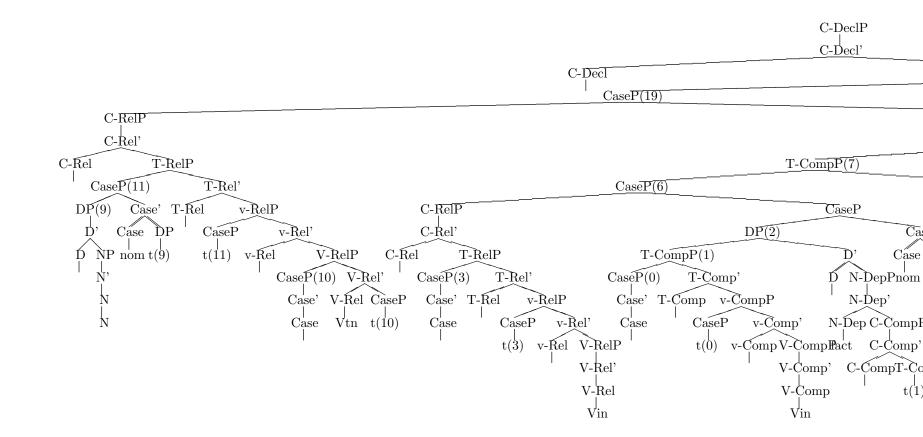


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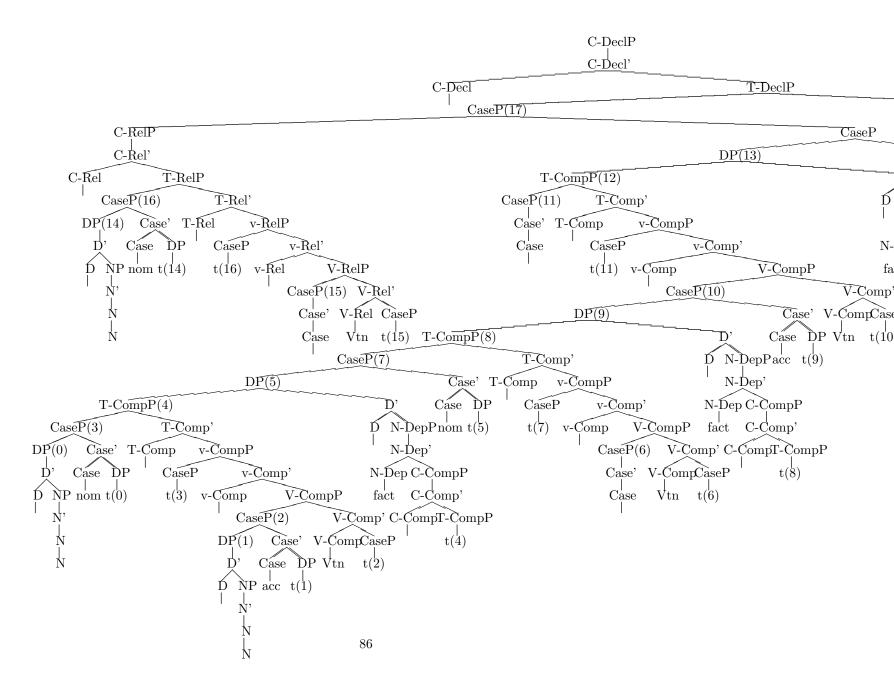


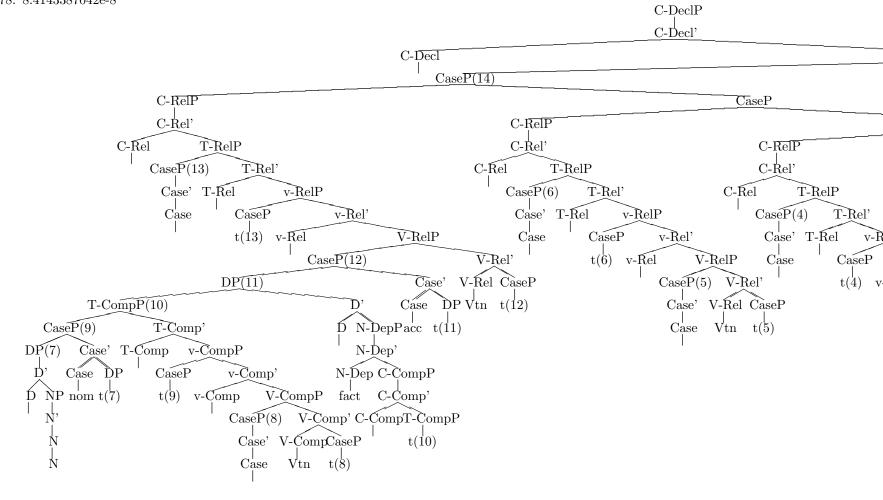


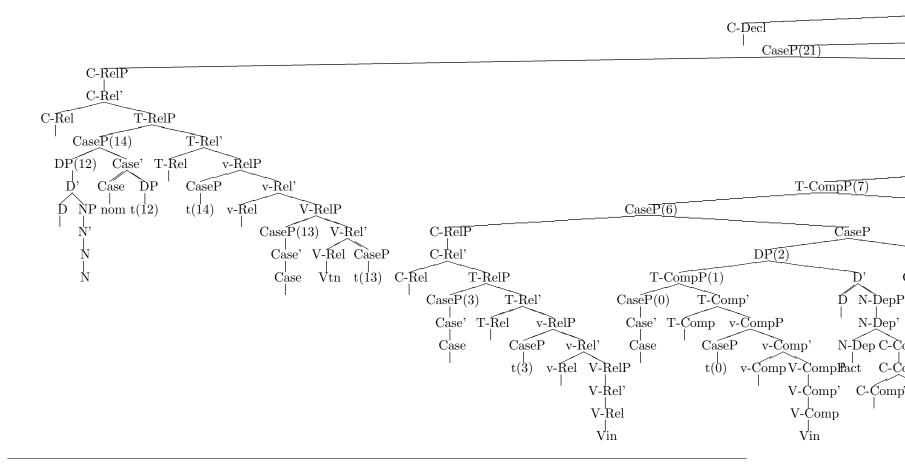
76. 1.65236297991e-7



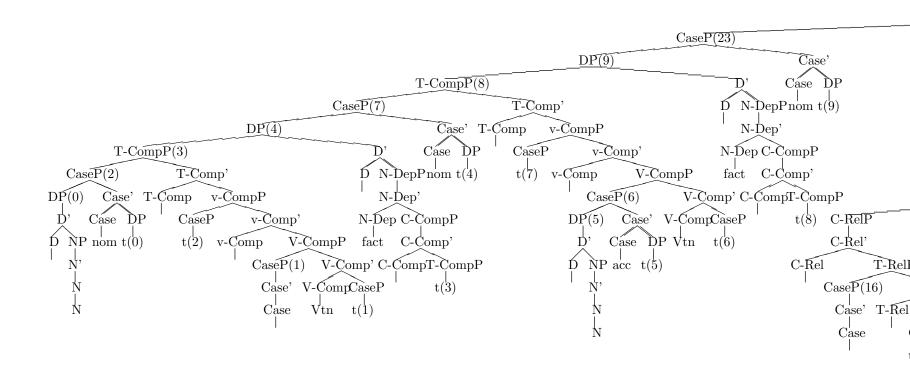
77. 1.10378676134e-7







80. 4.35805316485e-9



T-CompP(13)

CaseP(12) T-Comp'

DP(11) Case' T-Comp v-C

D' Case DP CaseP

D NP nom t(11) t(12) v

N'
N

81. 6.91865023258e-12

