

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

- random seed: 696
- WMCFG grammar file used for sampling: japanesepronominal.N-ga-Vt-N.global.chart
- md5sum for this grammar file: 1184fe3885de70c0d5bbfdc1012d0e2f
- timestamp for generating this sample: 2012-07-29 23:01:55

## Surface strings

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2. 0.186415619425 “N ga Vt N ga N o Vt”
3. 0.0190518395456 “N ga Vt N ga Vi fact o Vt”
4. 0.0180507134729 “N ga Vt N ga N o Vt fact o Vt”
5. 0.0148724754769 “N ga Vt N ga Vi fact ga Vi”
6. 0.0148724754769 “N ga Vt N ga Vi fact ga Vi”
7. 0.0140909644354 “N ga Vt N ga N o Vt fact ga Vi”
8. 0.0140909644354 “N ga Vt N ga N o Vt fact ga Vi”
9. 0.0121952786672 “N ga Vt N o Vt fact ga Vi”
10. 0.00866194408282 “N ga Vt N ga Vi N ga Vi”
11. 0.00866194408282 “N ga Vt N ga Vi N ga Vi”
12. 0.00673441777855 “N ga Vt N ga Vi fact ga N o Vt”
13. 0.00673441777855 “N ga Vt N ga N ga Vi fact o Vt”
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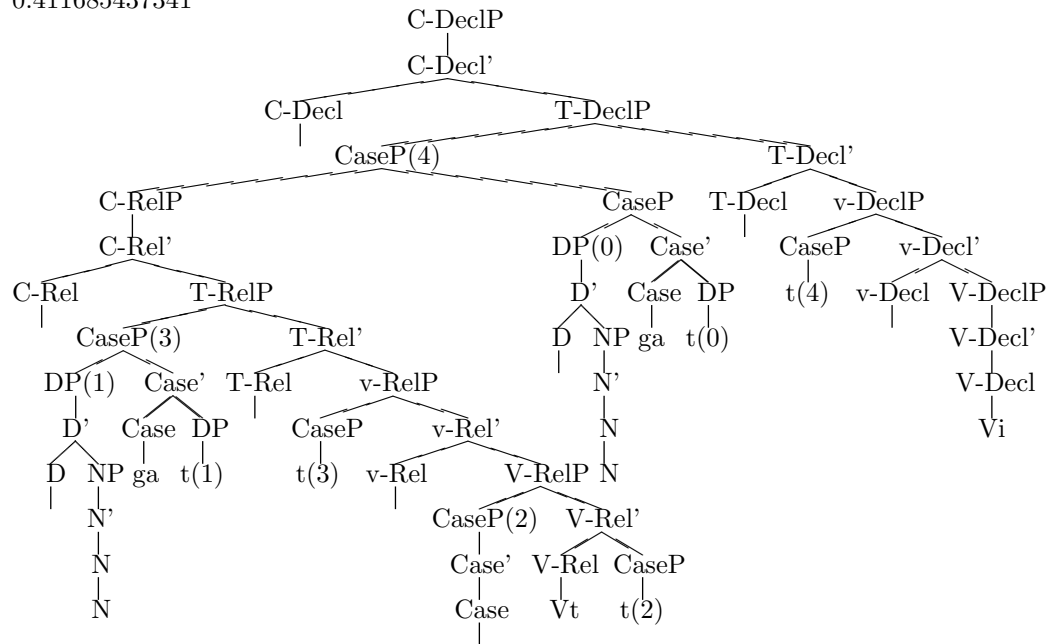
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22. 0.00392222198106 “N ga Vt N ga Vi N ga N o Vt”
23. 0.00392222198106 “N ga Vt N ga Vi N ga N o Vt”
24. 0.00343595820329 “N ga Vt N ga Vt N ga N o Vt”
25. 0.00208188516945 “N ga Vt N o Vt N ga N o Vt”
26. 0.00174789866233 “N ga Vt N ga Vi fact o Vt”
27. 0.00165605100012 “N ga Vt N ga N o Vt fact o Vt”
28. 0.00144010890447 “N ga Vt N ga Vi fact o Vt fact ga Vi”
29. 0.00106767141333 “N ga Vt N ga Vt fact ga Vi”
30. 0.000652096890287 “N ga Vt N ga Vi fact o Vt fact ga N o Vt”
31. 0.000652096890287 “N ga Vt N ga Vi fact ga N o Vt fact o Vt”
32. 0.000537280425168 “N ga Vt N ga Vi fact ga Vi fact ga Vi”
33. 0.000534712819491 “N ga Vt N ga N o Vt fact o Vt fact o Vt”
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35. 0.000509047695165 “N ga Vt N ga N o Vt fact ga Vi fact ga Vi”
36. 0.00048229852385 “N ga Vt N ga N ga N o Vt fact o Vt fact ga Vi”
37. 0.000440564485552 “N ga Vt N ga Vi fact o Vt fact ga Vi”

38. 0.000379790627931 “N ga Vt N ga Vi N ga N o Vt fact o Vt”
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41. 0.000312919863734 “N ga Vt N ga Vi fact ga Vi N ga Vi”
42. 0.000259720537333 “N ga Vt N ga N o Vt fact ga Vt N ga Vi”
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44. 0.000242932054732 “N ga Vt N ga Vi fact ga Vt”
45. 0.000233463450809 “N ga Vt N ga Vi Vi N ga N o Vt”
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47. 0.00021055658168 “N ga Vt N ga Vi fact ga Vi fact o Vt”
48. 0.000189009544689 “N ga Vt N ga N o Vt fact o Vt fact ga N o Vt”
49. 0.000141693499301 “N ga Vt N ga N ga Vi N ga Vi fact o Vt”
50. 0.000141693499301 “N ga Vt N ga Vi N ga N ga Vi fact o Vt”
51. 0.000141487130188 “N ga Vt N ga Vi N ga Vt”
52. 0.000134247863611 “N ga Vt N ga Vi N ga N o Vt fact ga N o Vt”
53. 0.000124126819856 “N ga Vt N ga Vt N ga Vi fact ga N o Vt”
54. 0.000123946035685 “N ga Vt N ga Vt N ga Vt”
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56. 0.000117604268824 “N ga Vt N ga Vt N ga N o Vt fact ga N o Vt”
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58. 0.000101782730156 “N ga Vt N ga Vt N o Vt fact ga N o Vt”
59. 6.33305771866e-5 “N ga Vt N ga Vt N ga Vt N ga N o Vt”

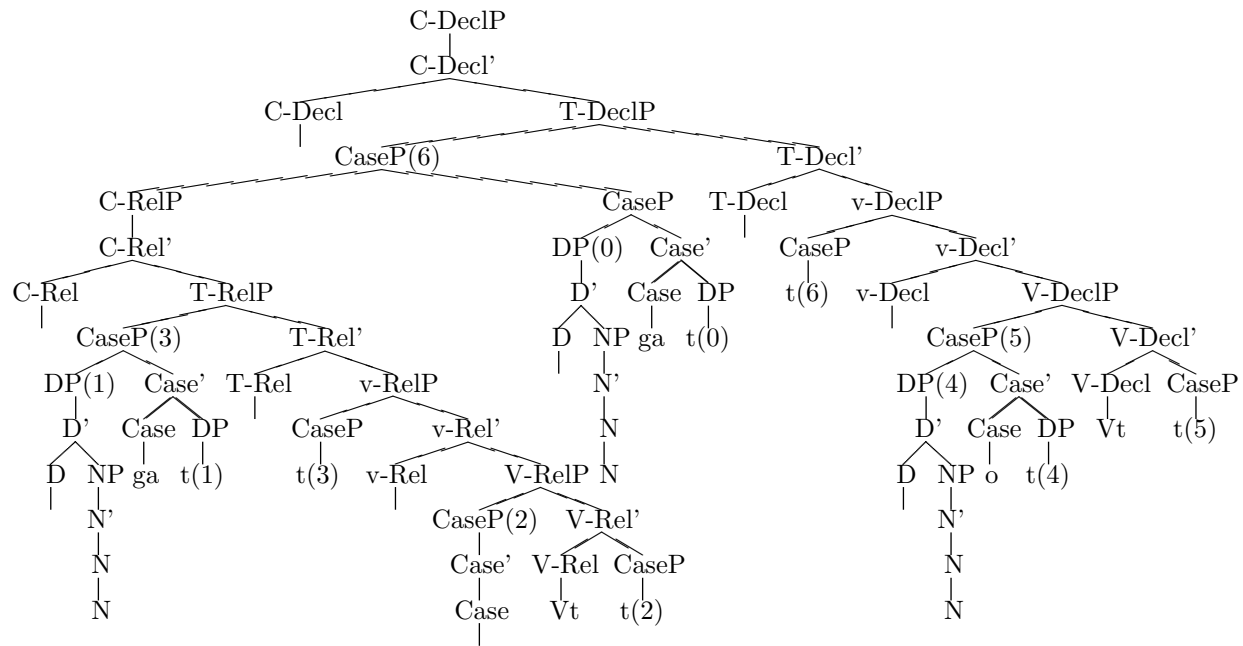
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62. 1.29992847589e-5 “N ga Vt N ga Vi N ga N ga N o Vt fact o Vt fact o Vt”
63. 8.8895854037e-6 “N ga Vt N ga N ga N o Vt fact o Vt fact ga Vt N ga Vi”
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65. 4.84981463585e-6 “N ga Vt N ga Vi N ga N ga Vi fact o Vt fact ga N o Vt”
66. 4.72941226667e-6 “N ga Vt N ga Vt N ga Vi N o Vt fact ga Vi”
67. 4.29482840893e-6 “N ga Vt N ga Vt fact ga N o Vt fact o Vt”
68. 3.63268013817e-6 “N ga Vt N ga Vi Vi fact ga N o Vt fact o Vt”
69. 1.64780021563e-6 “N ga Vt N o Vt fact ga N o Vt N ga N o Vt fact ga Vi”
70. 1.49694242935e-6 “N ga Vt N ga Vt Vi N ga N o Vt fact o Vt fact ga Vi”
71. 7.86377182285e-7 “N ga Vt N ga N o Vt N o Vt fact ga Vt”
72. 4.89193993059e-7 “N ga Vt N o Vt N ga Vi N o Vt N ga N o Vt”
73. 4.0838393147e-7 “N ga Vt N ga Vi fact ga Vi fact ga Vi N ga Vi fact ga Vi”
74. 2.96439029531e-7 “N ga Vt N ga Vi fact o Vt Vt N ga N o Vt fact ga Vi”
75. 2.77939500742e-7 “N ga Vt N o Vt fact ga Vt N ga N o Vt fact ga Vi fact ga Vi”
76. 2.43330281886e-8 “N ga Vt N ga Vt fact ga Vt N ga N ga Vi fact o Vt fact ga Vi”
77. 2.79021297569e-9 “N ga Vt N o Vt N ga Vi Vi fact ga Vi N ga N o Vt fact o Vt”
78. 3.2561222421e-10 “N ga Vt N ga Vi fact ga N o Vt fact ga Vt N ga N o Vt fact ga N o Vt fact o Vt fact ga Vi”
79. 1.9446917938e-10 “N ga Vt N ga Vi N ga N o Vt fact ga N ga N o Vt fact o Vt fact ga N ga Vi fact ga N o Vt fact o Vt”
80. 6.57011123349e-12 “N ga Vt N ga N ga Vt N ga N o Vt fact ga Vt N ga N o Vt fact ga N ga N o Vt fact o Vt fact o Vt fact ga Vi”
81. 2.38178992201e-16 “N ga Vt N ga Vt N ga Vt N o Vt N ga Vi N ga Vt N ga N o Vt fact o Vt fact ga Vi N ga Vt N ga Vi”

## X-bar structures

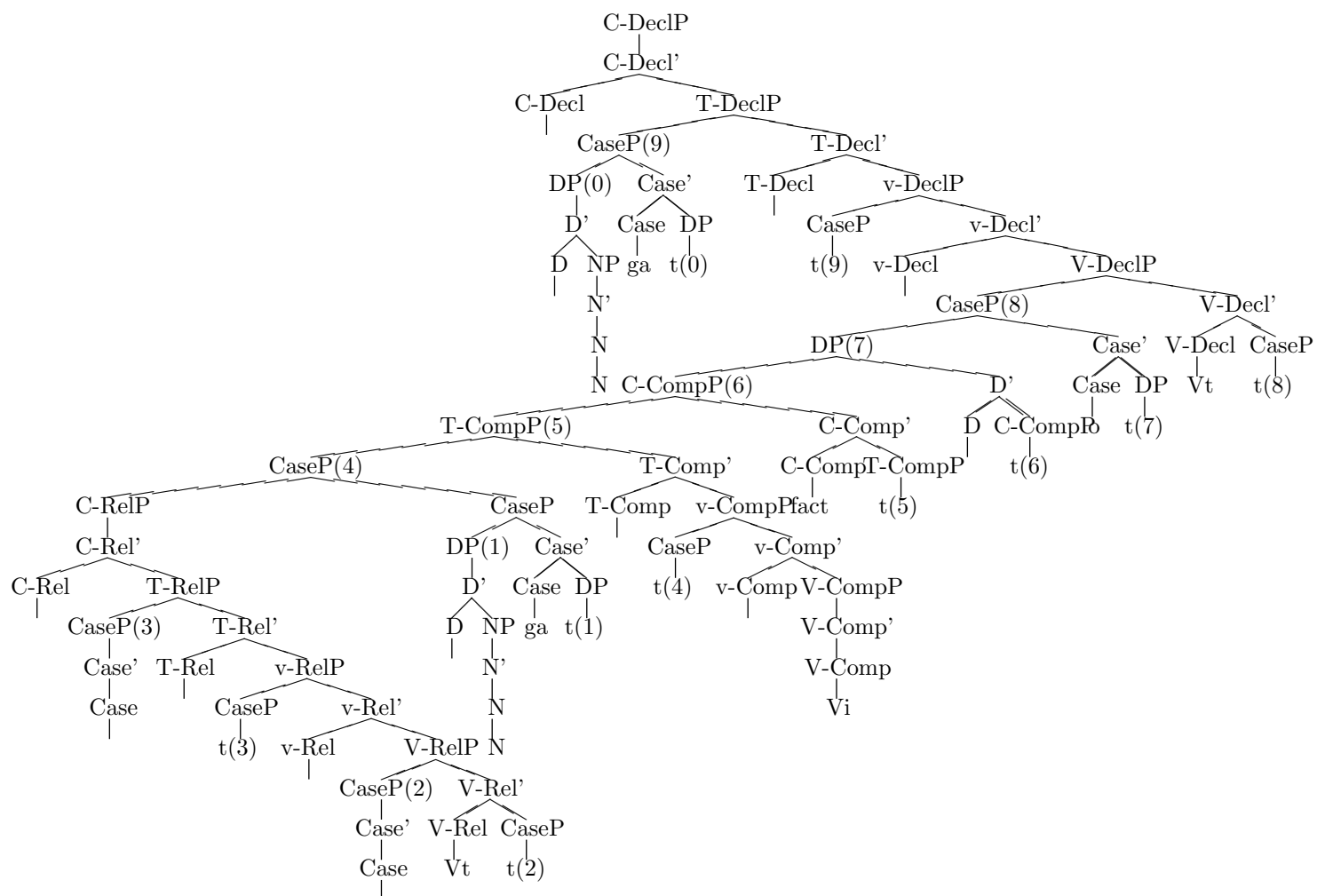
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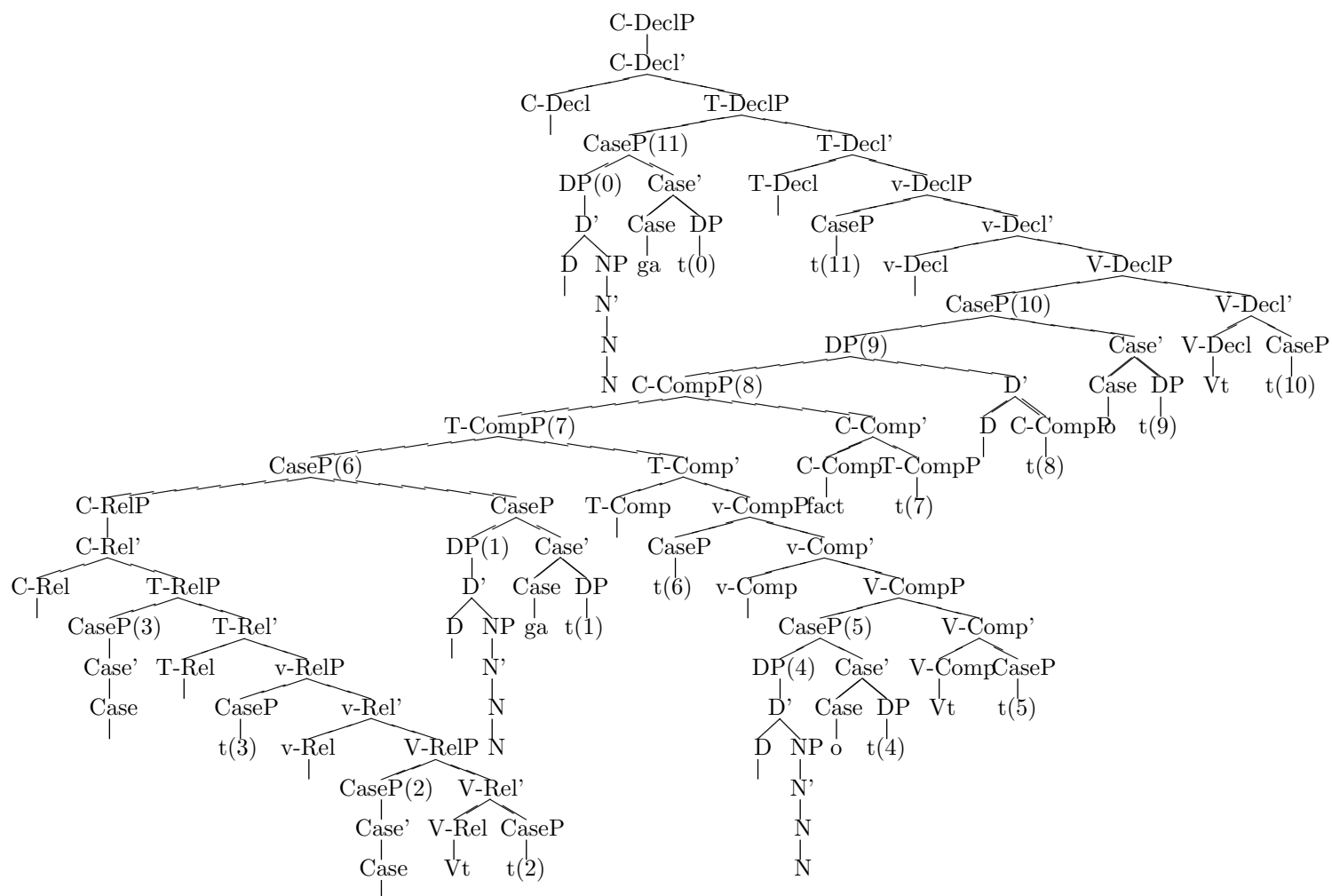


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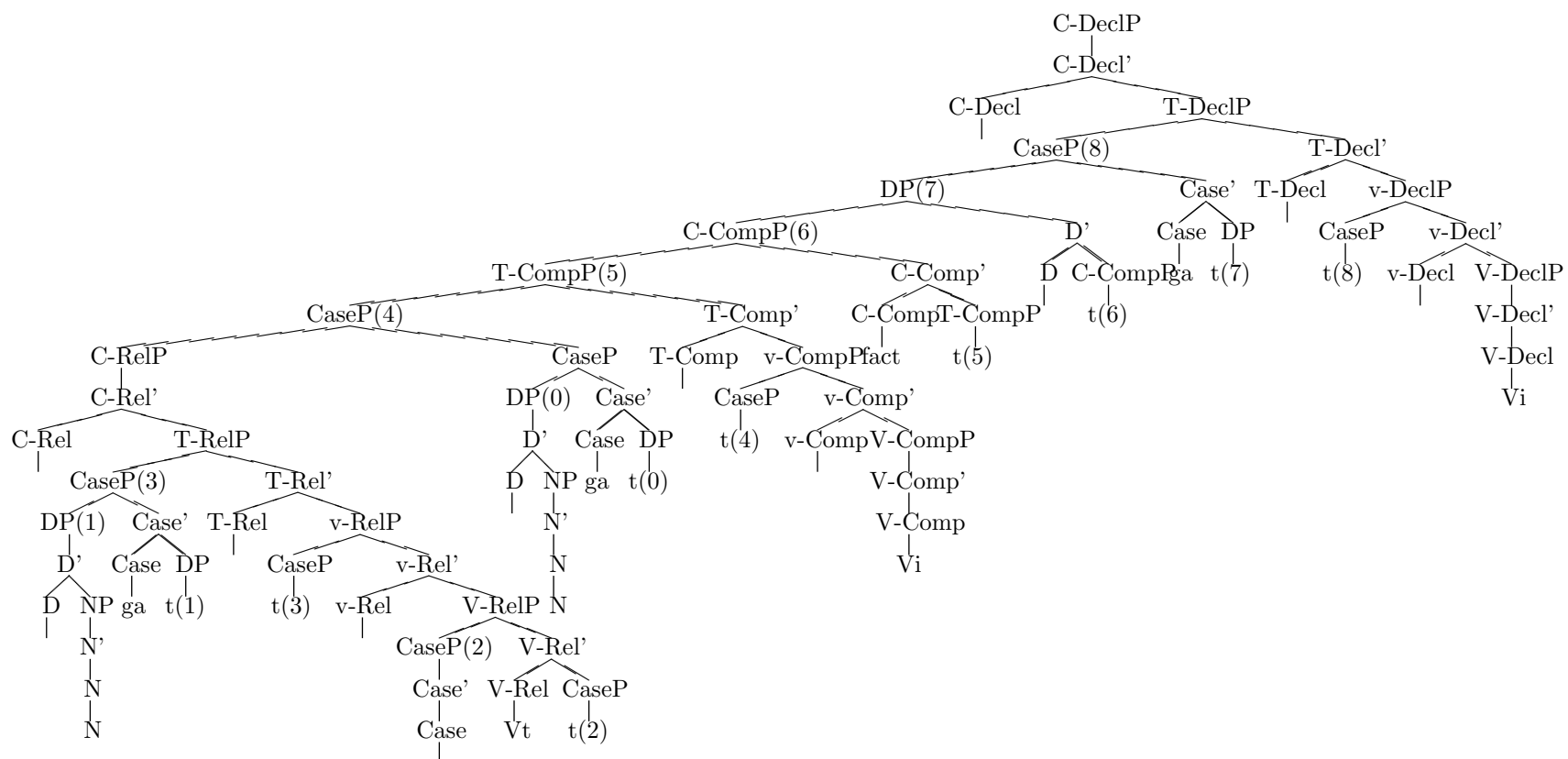

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5. 0.0148724754769



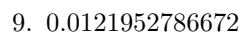


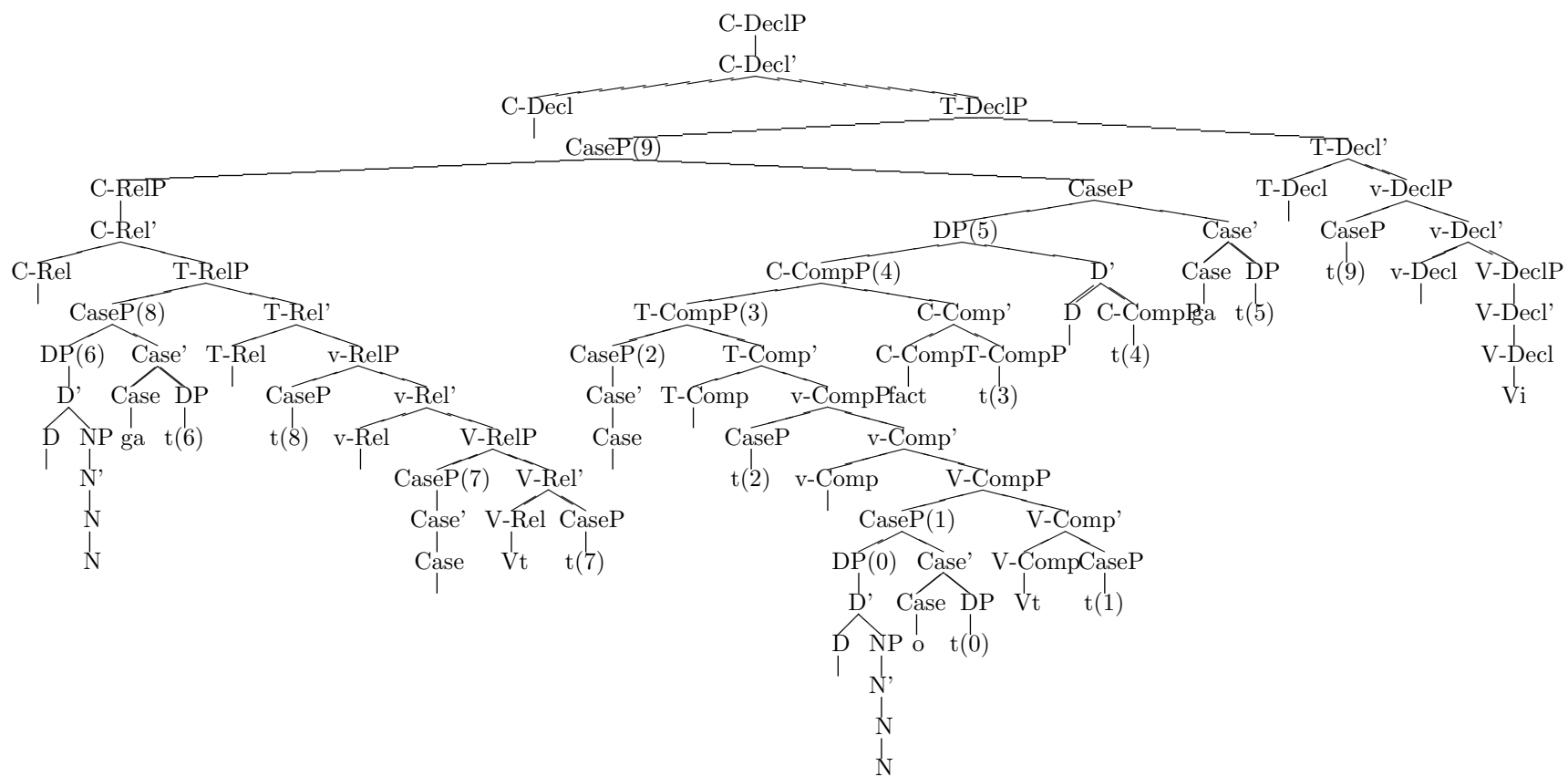

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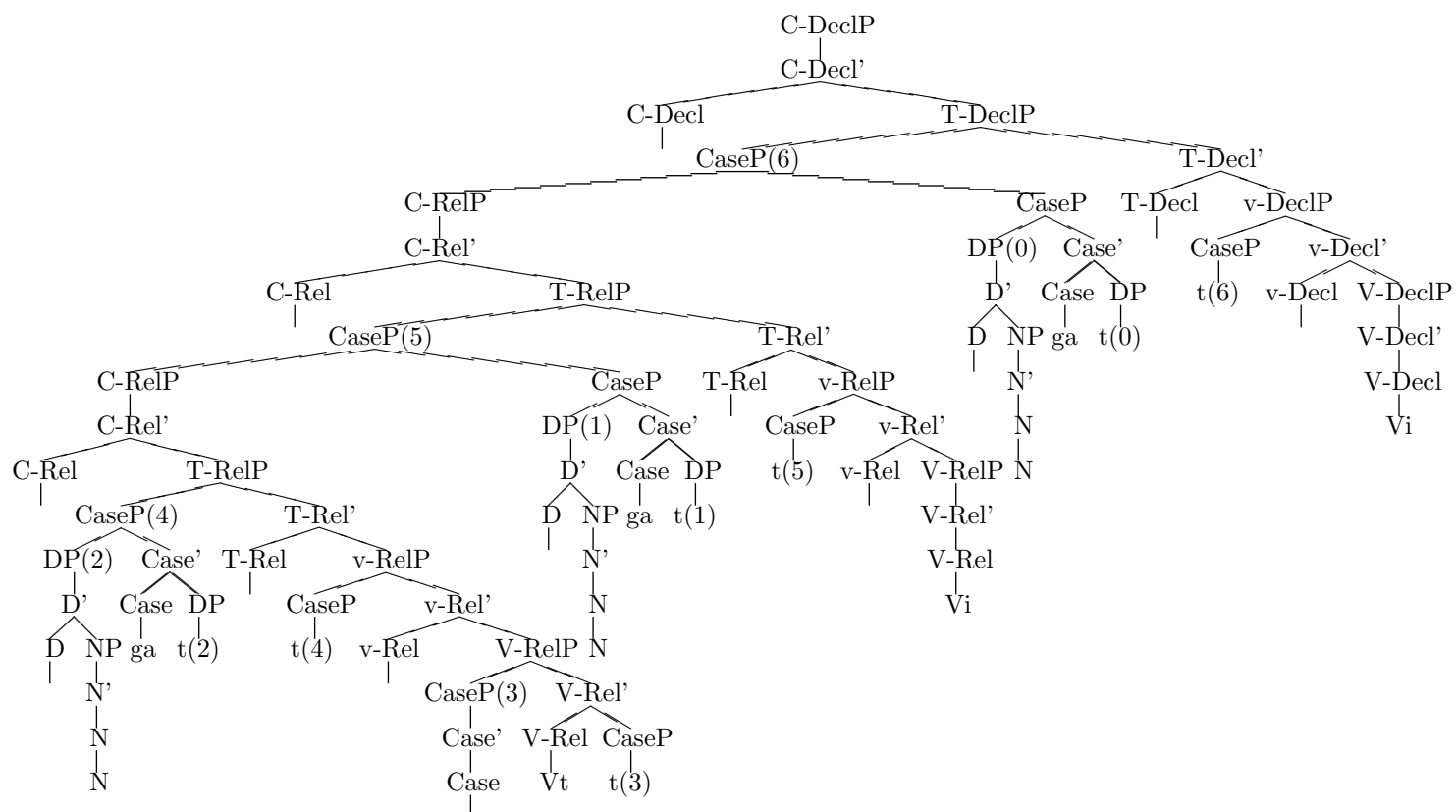







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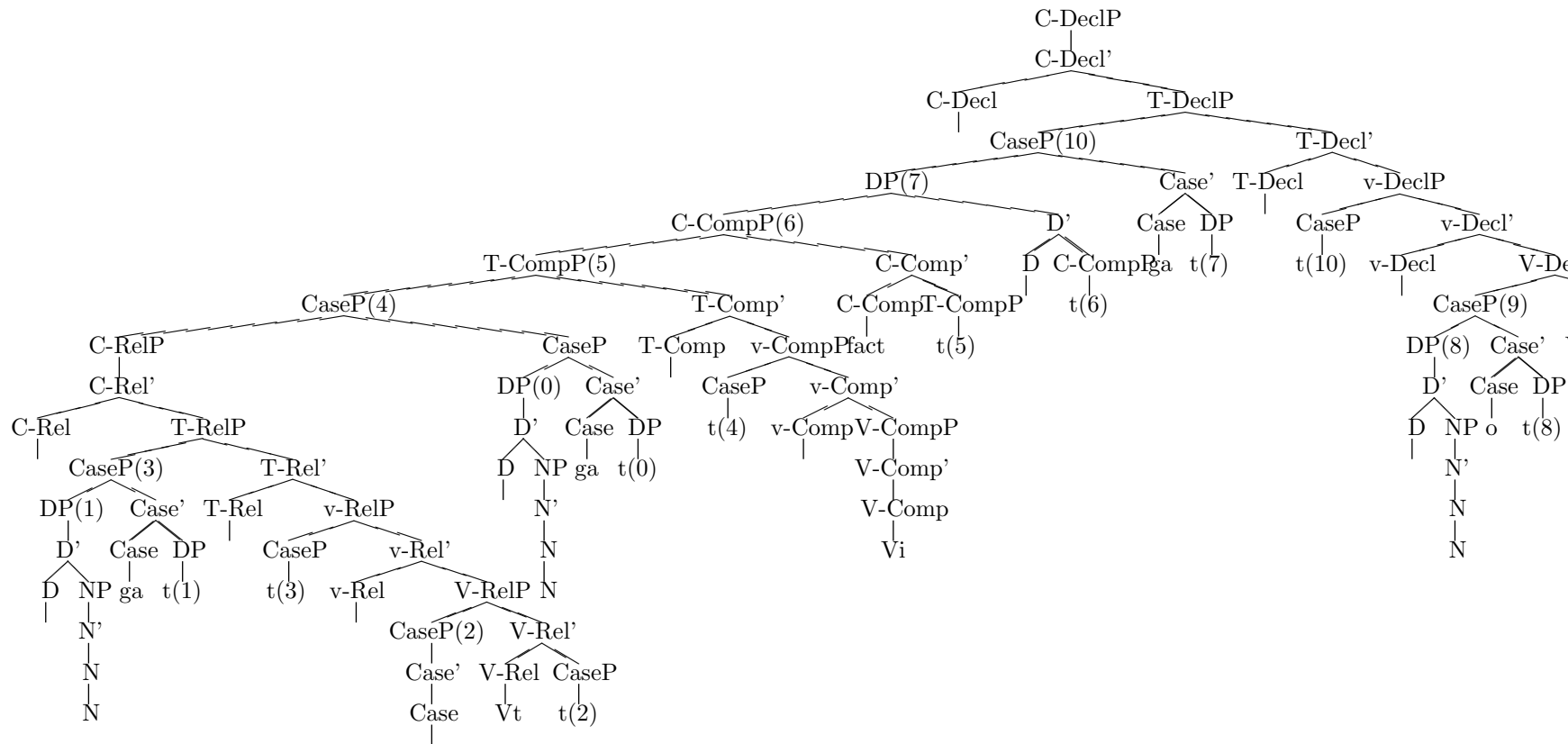
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11. 0.00866194408282



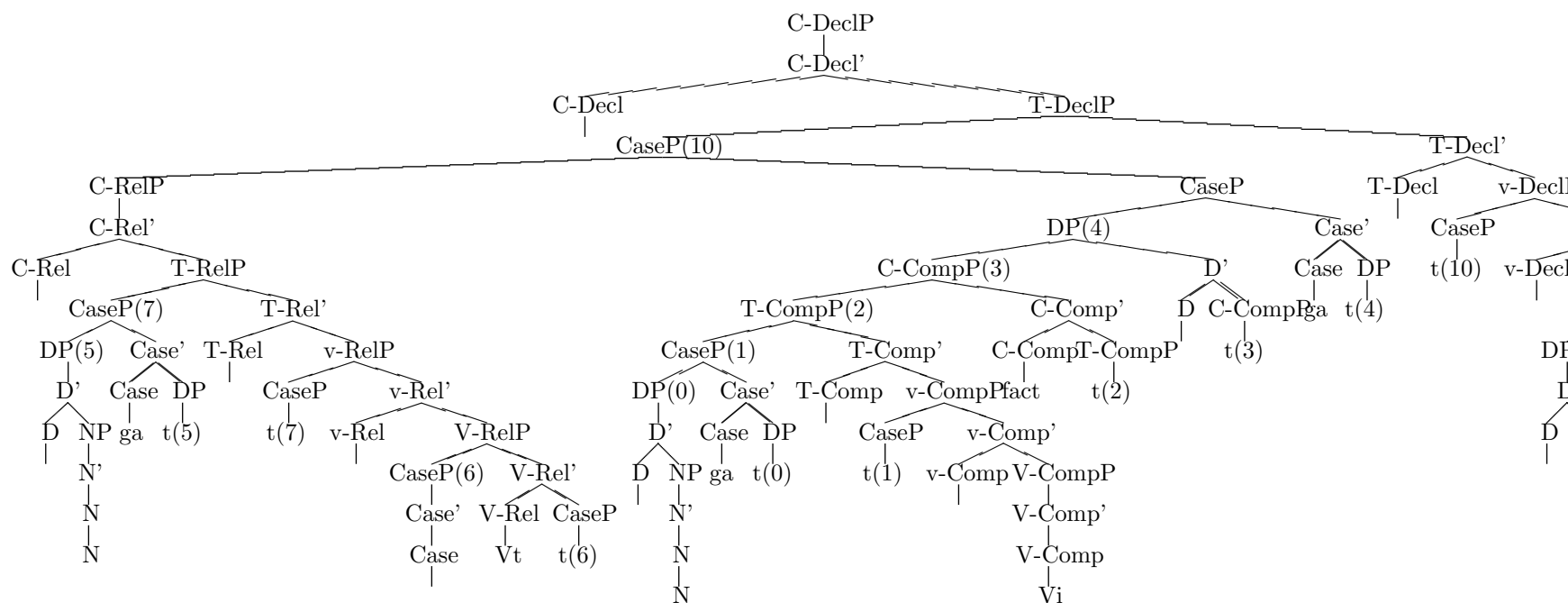



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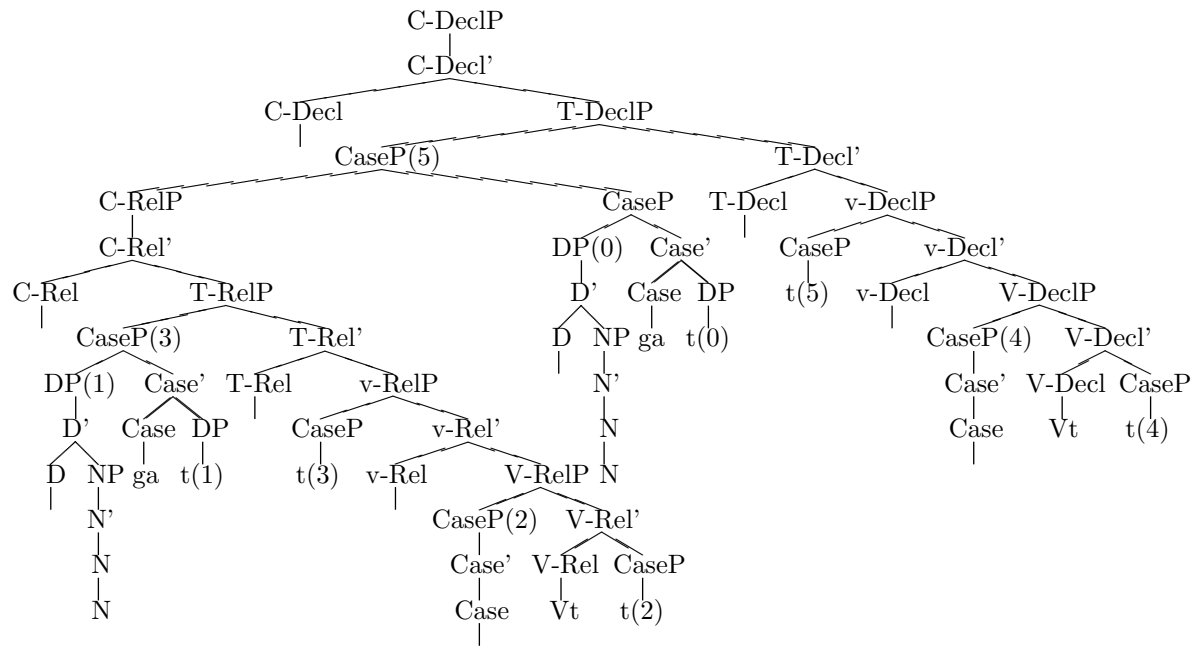
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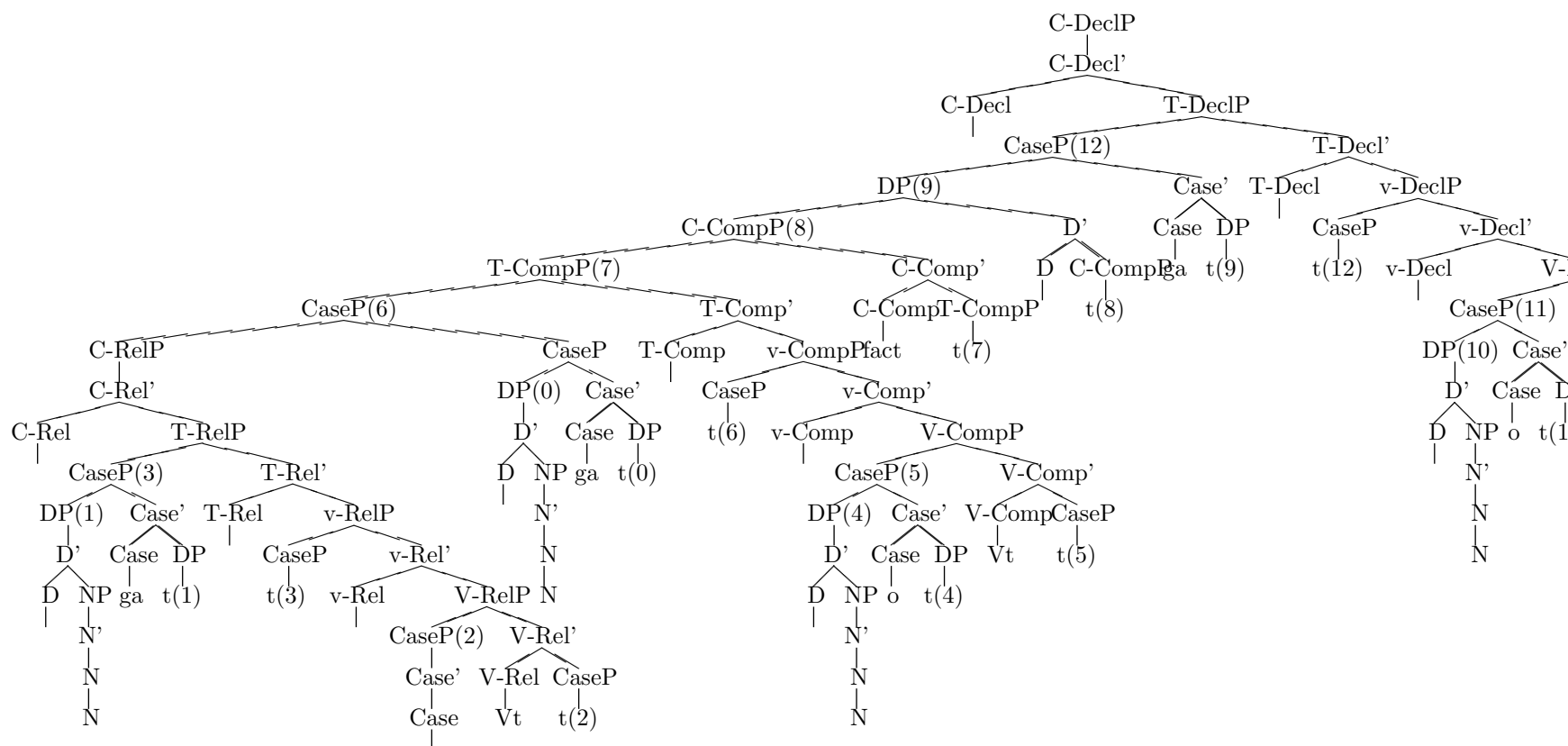


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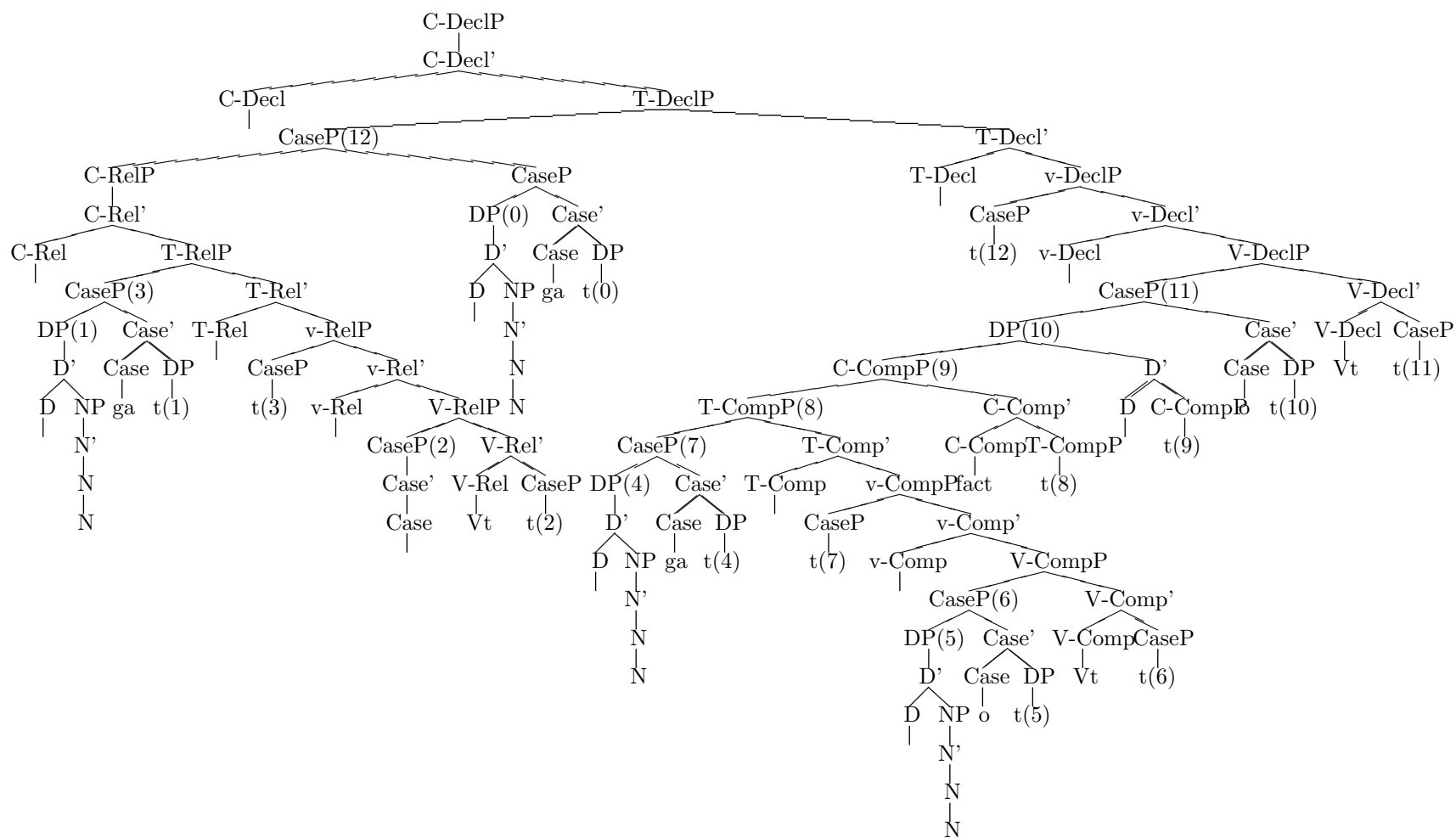

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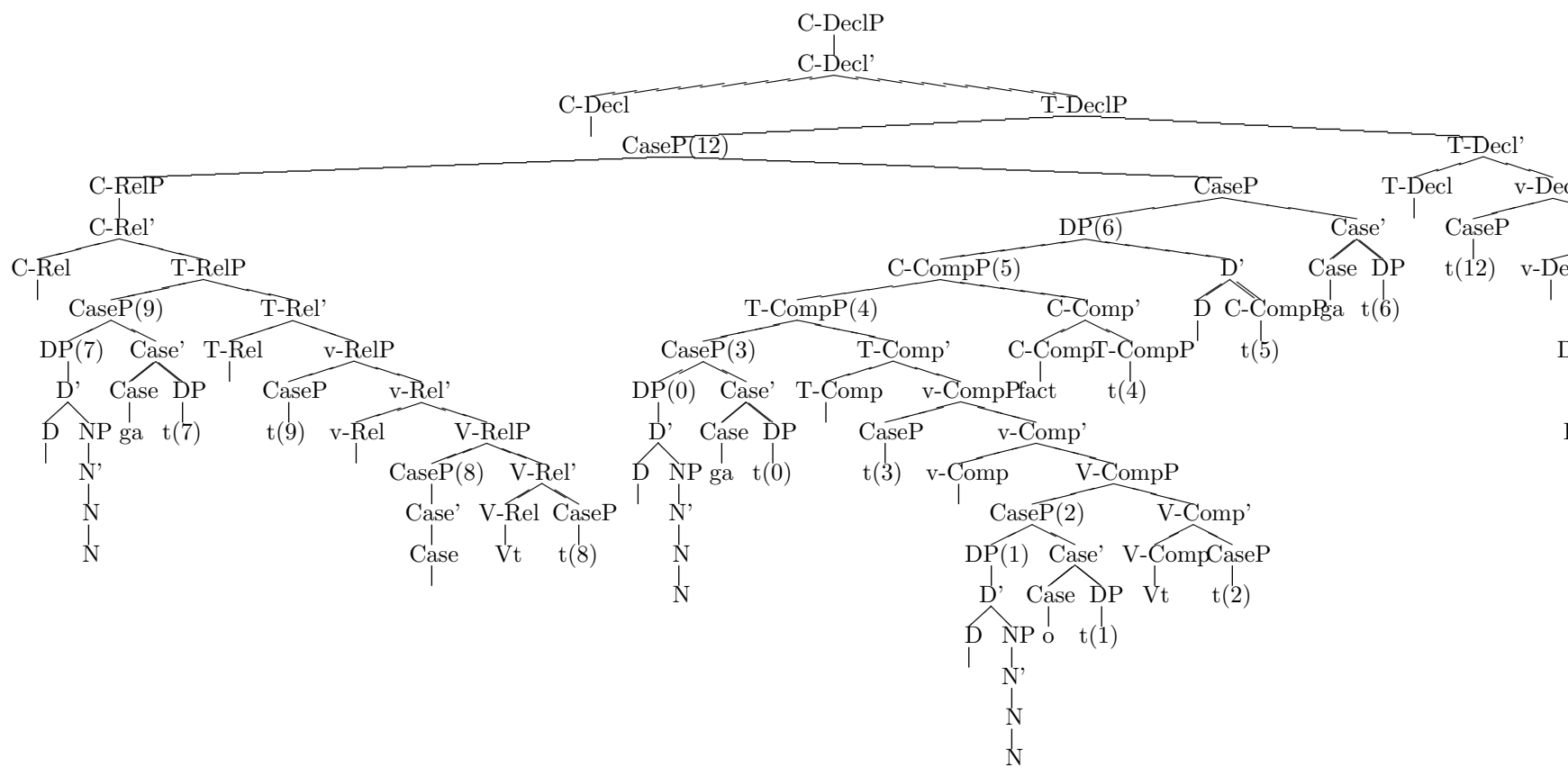



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18. 0.00638054112501

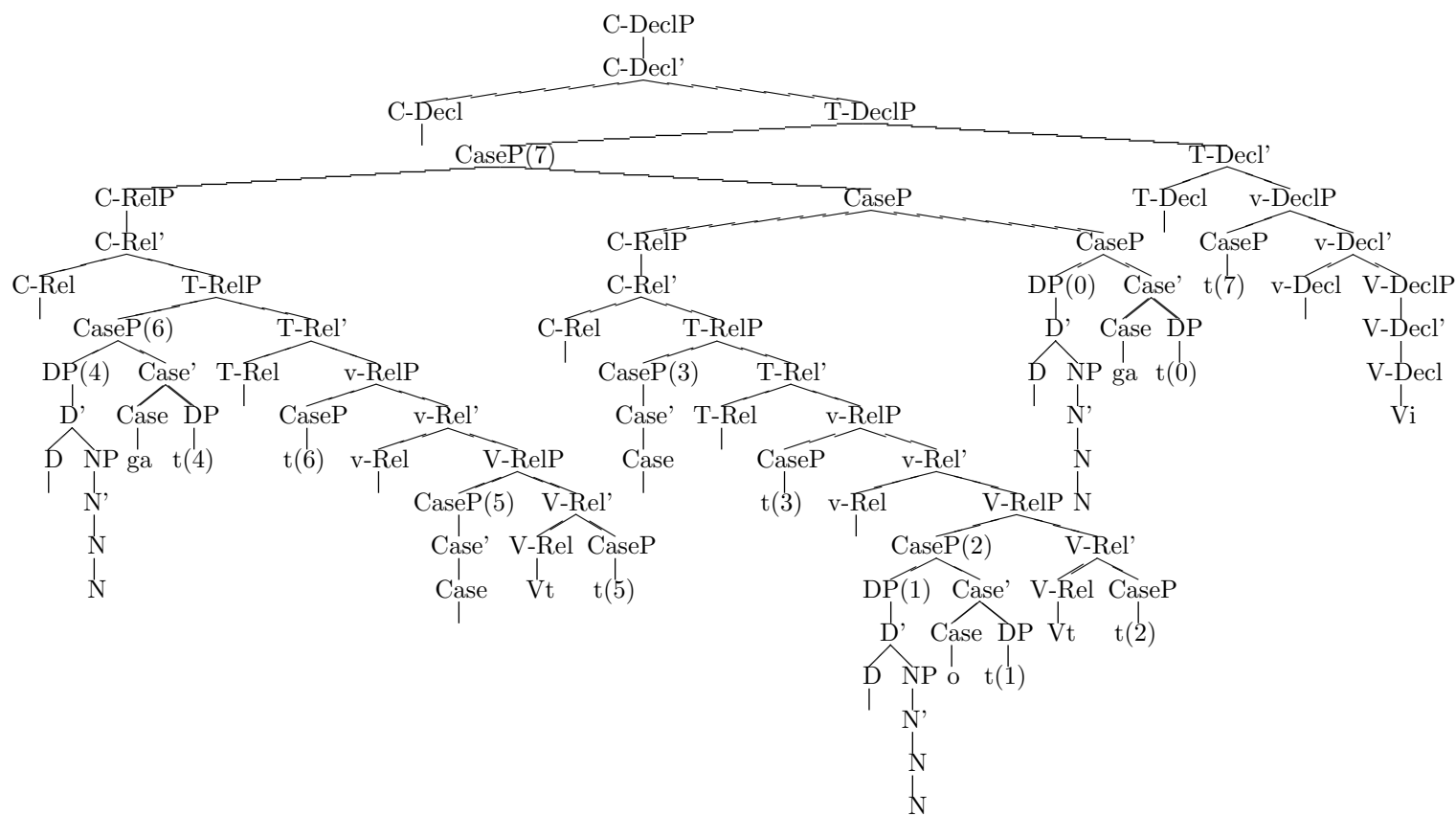


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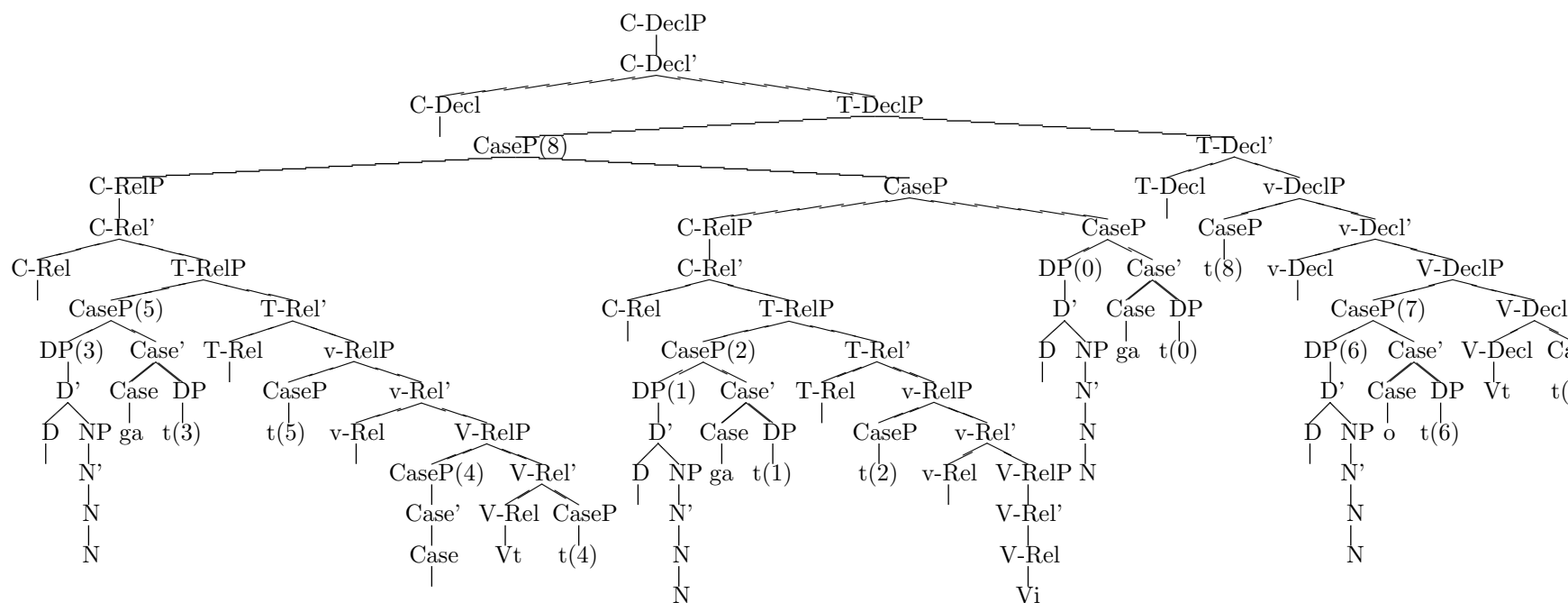




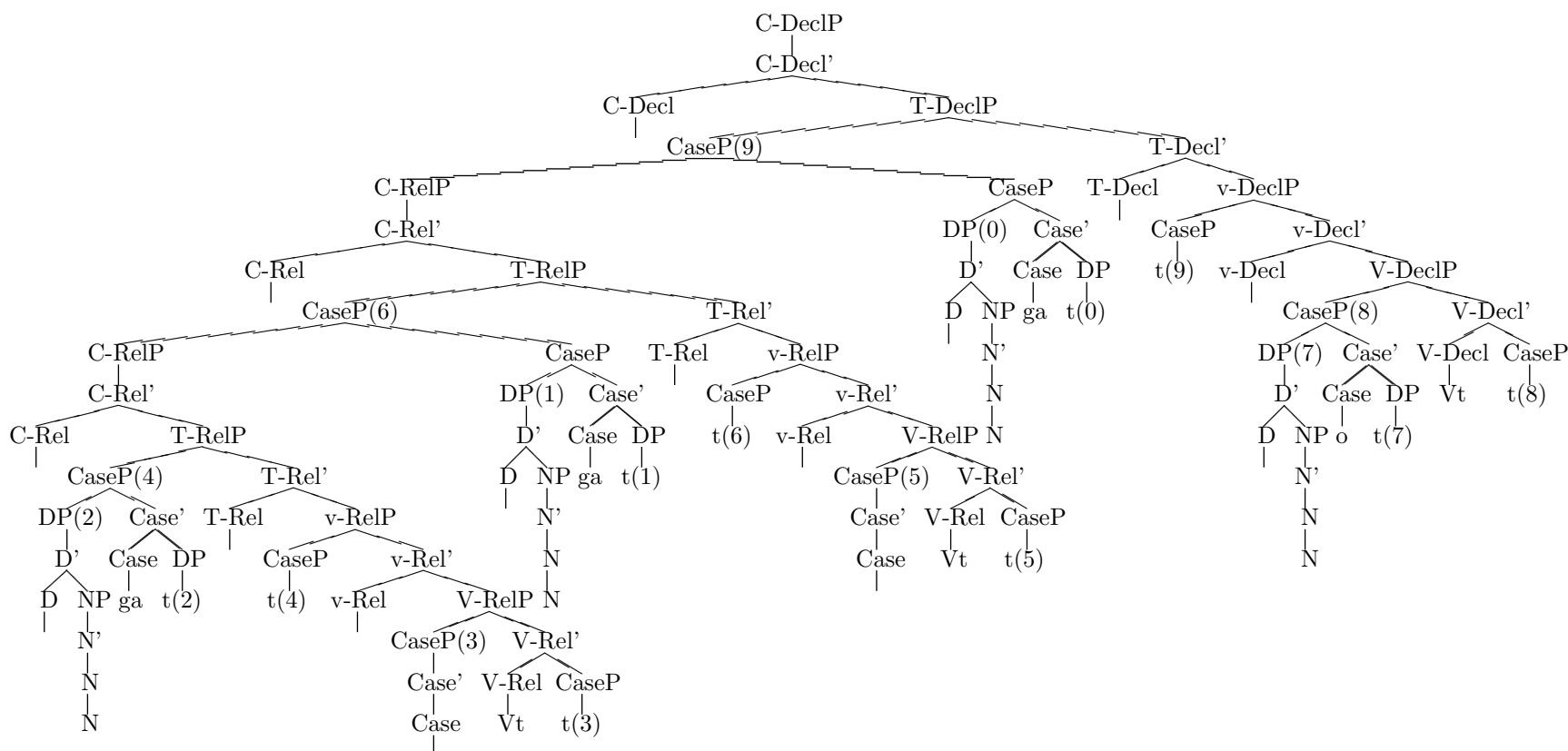


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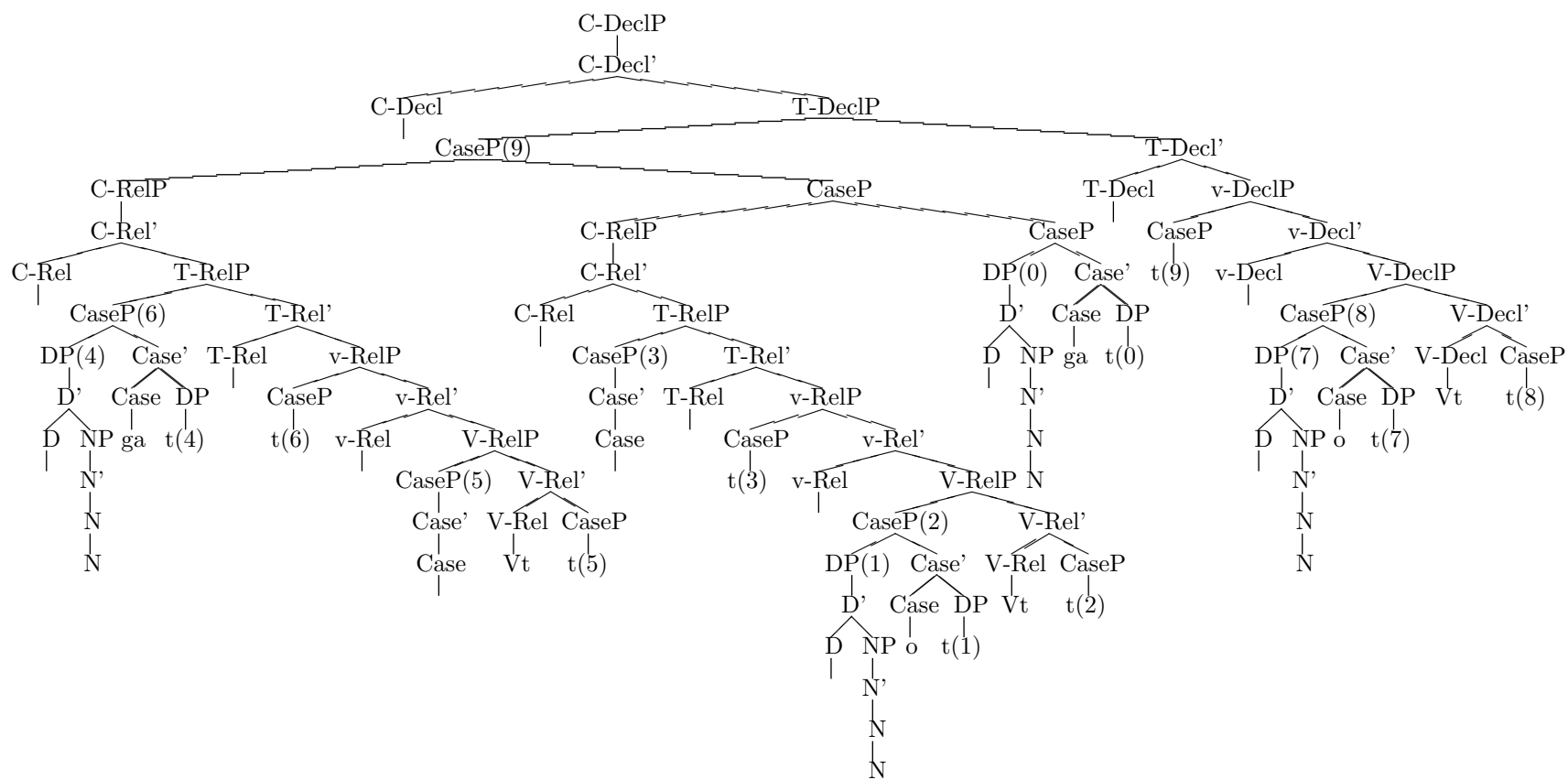


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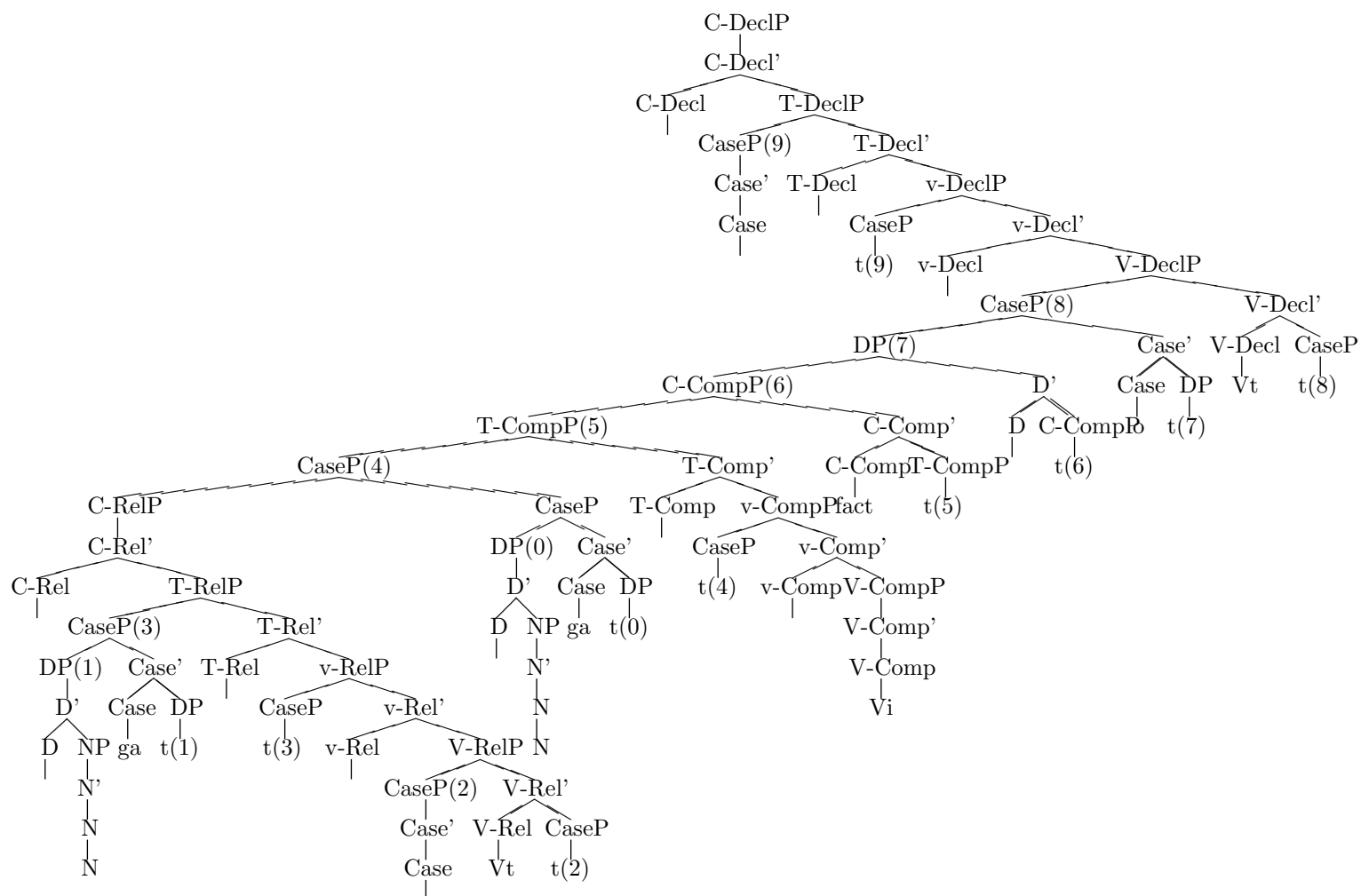



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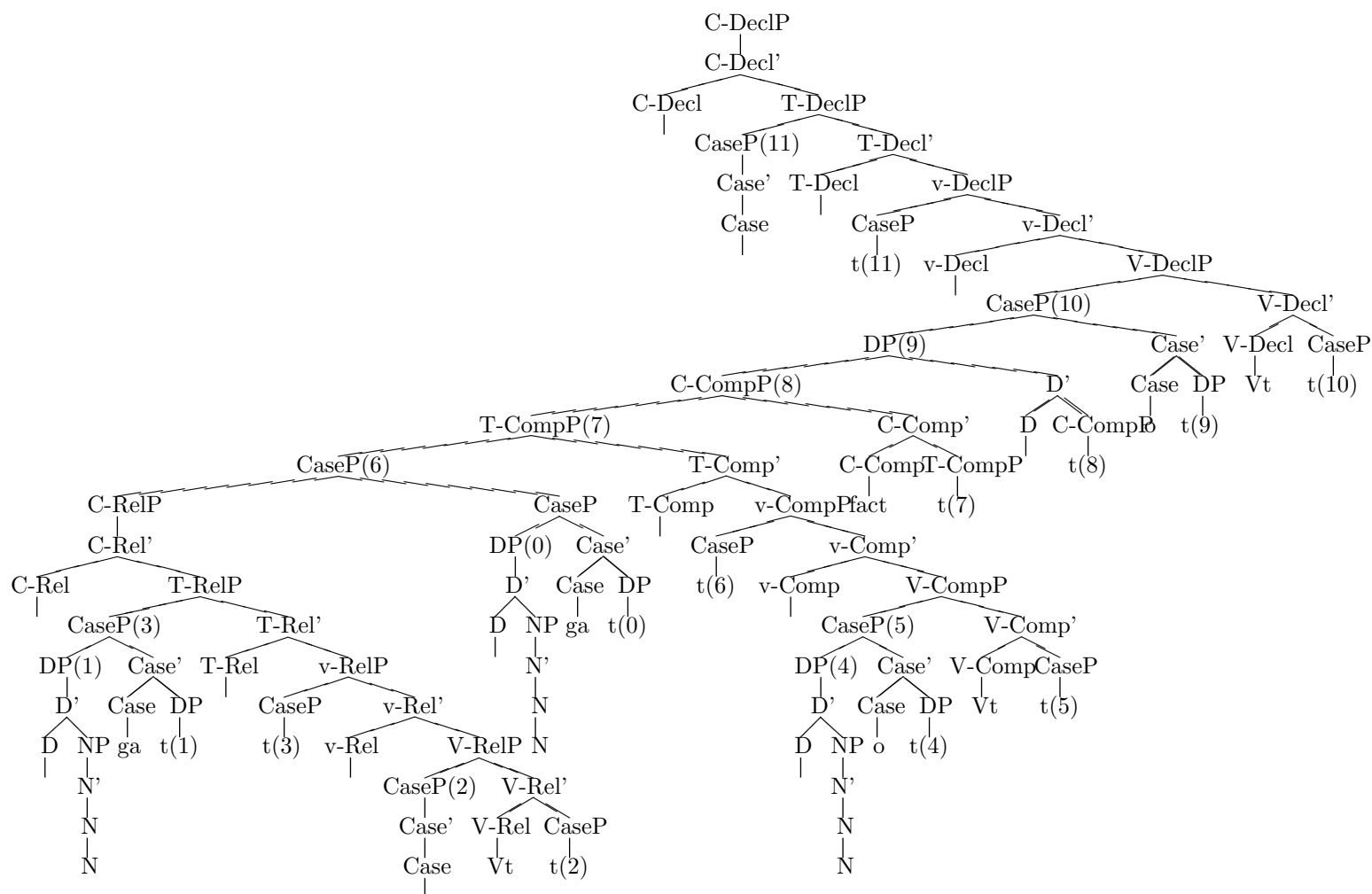
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26. 0.00174789866233



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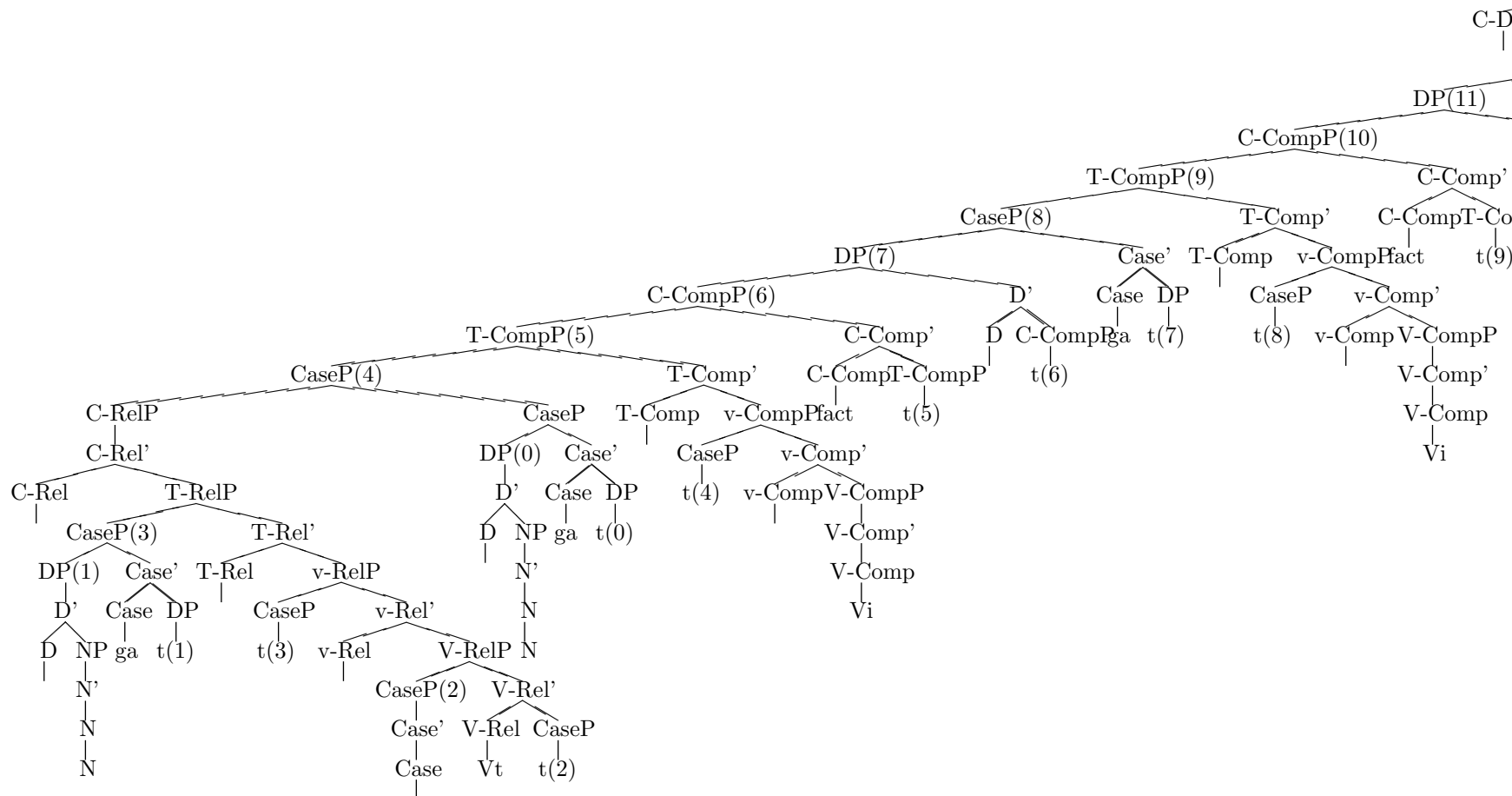




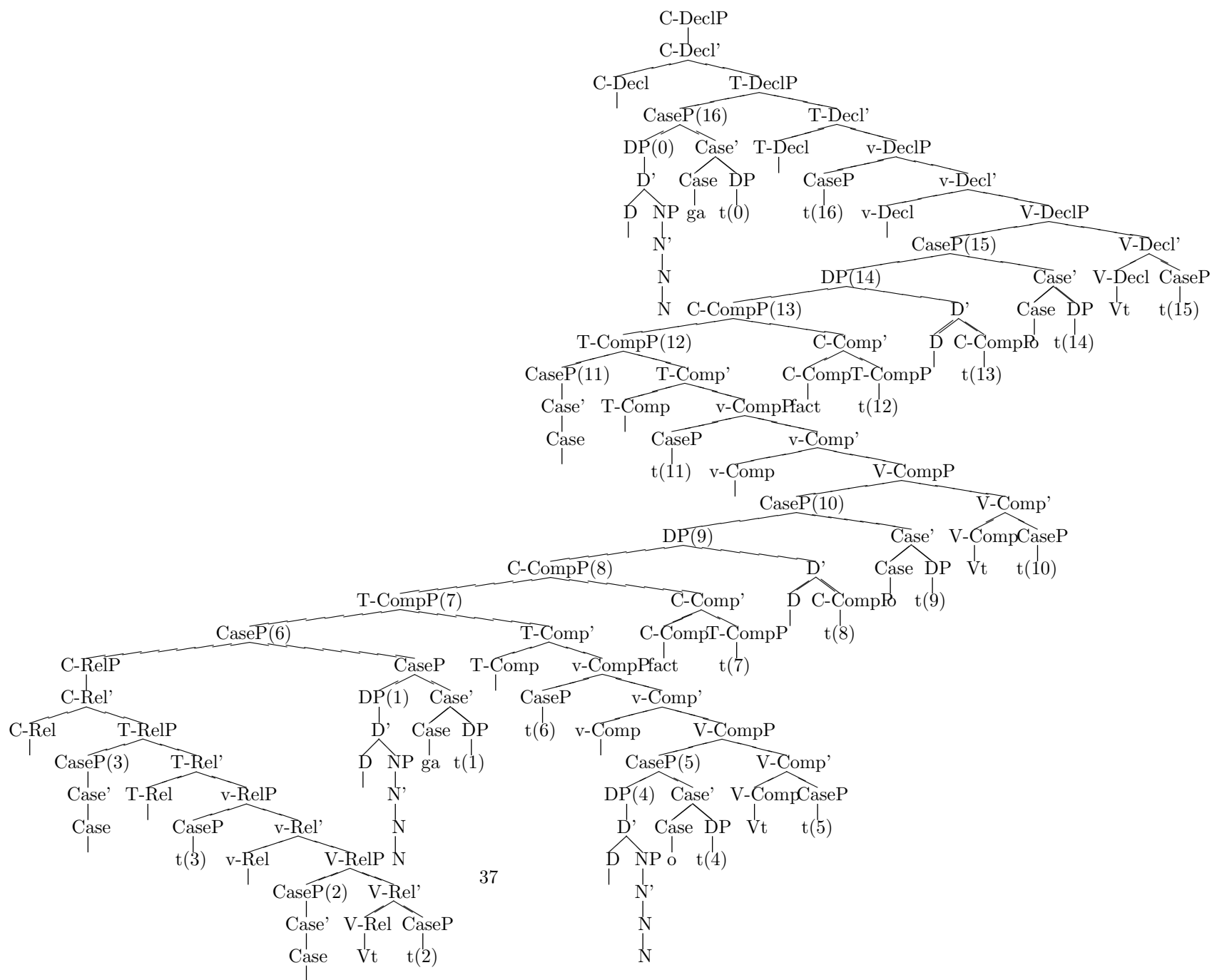




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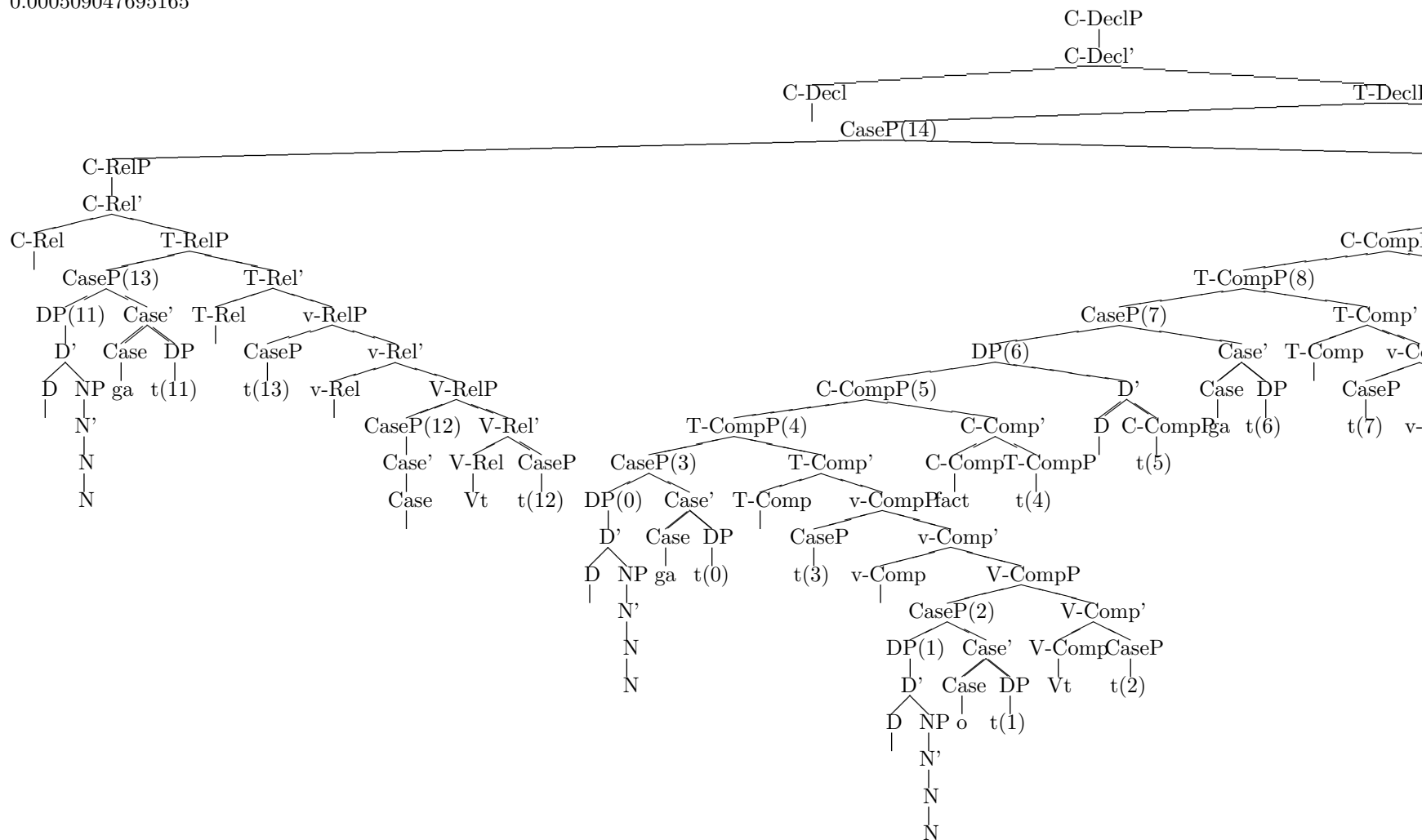


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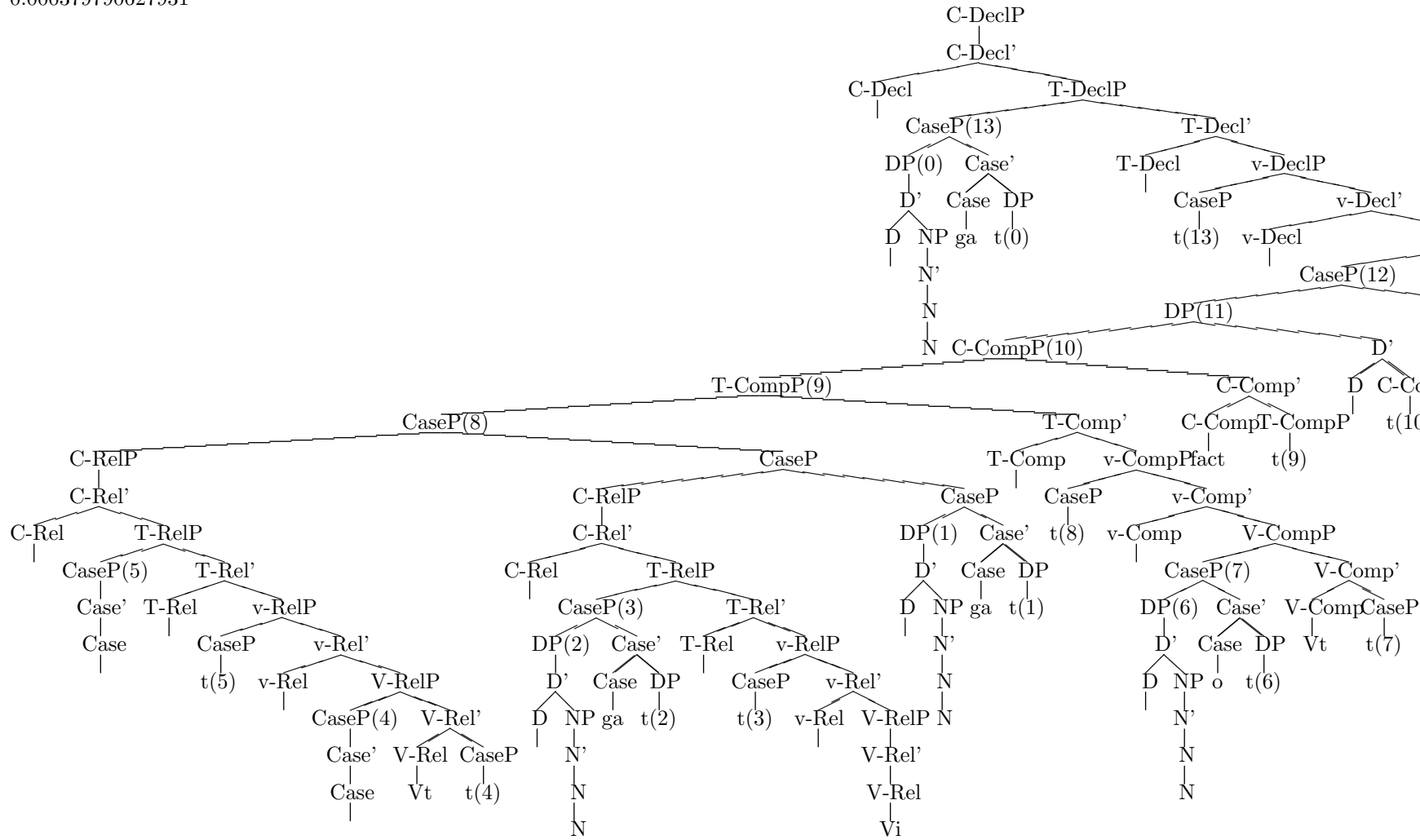
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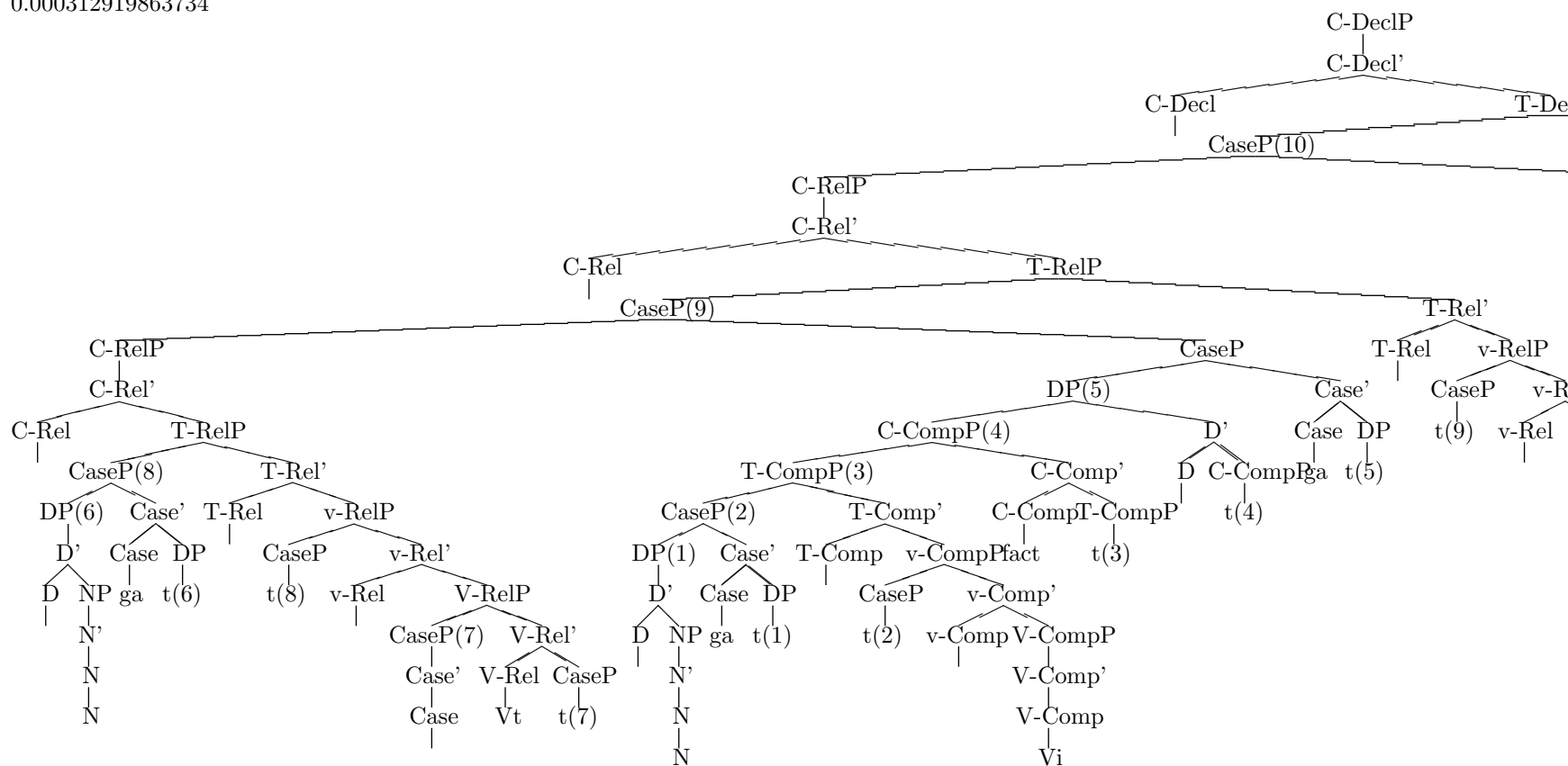


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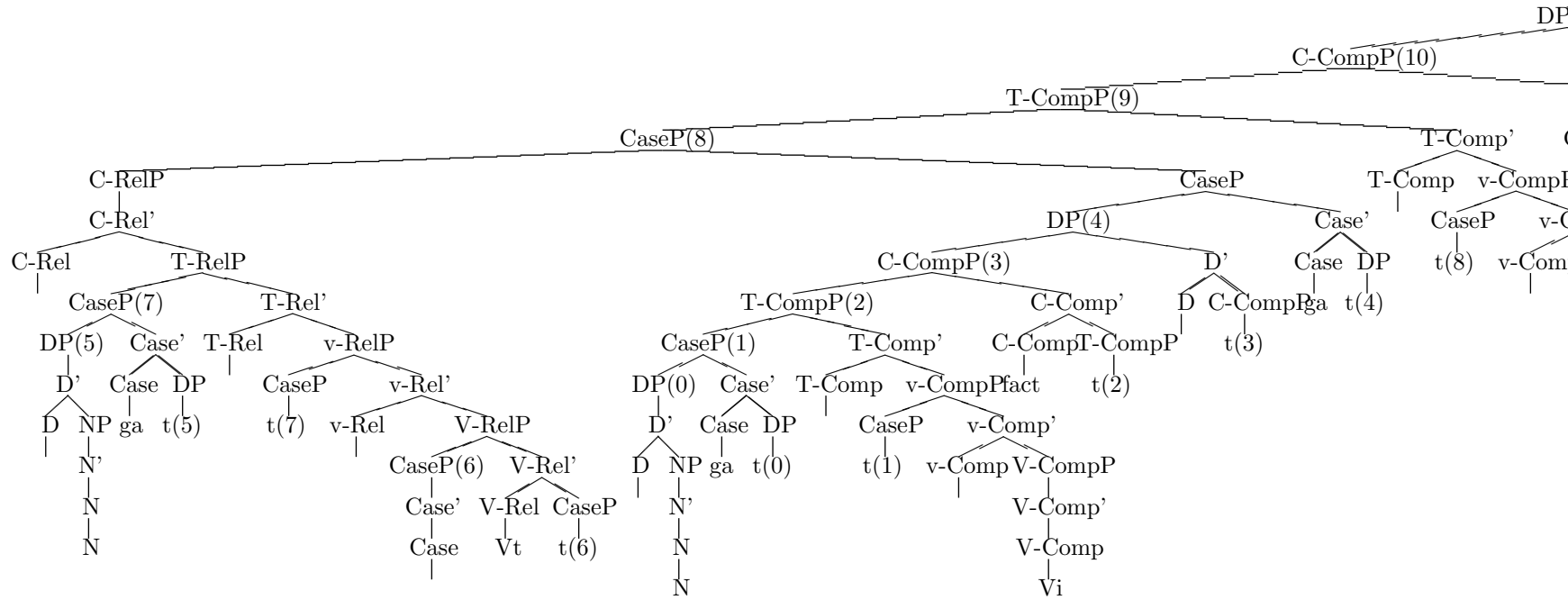


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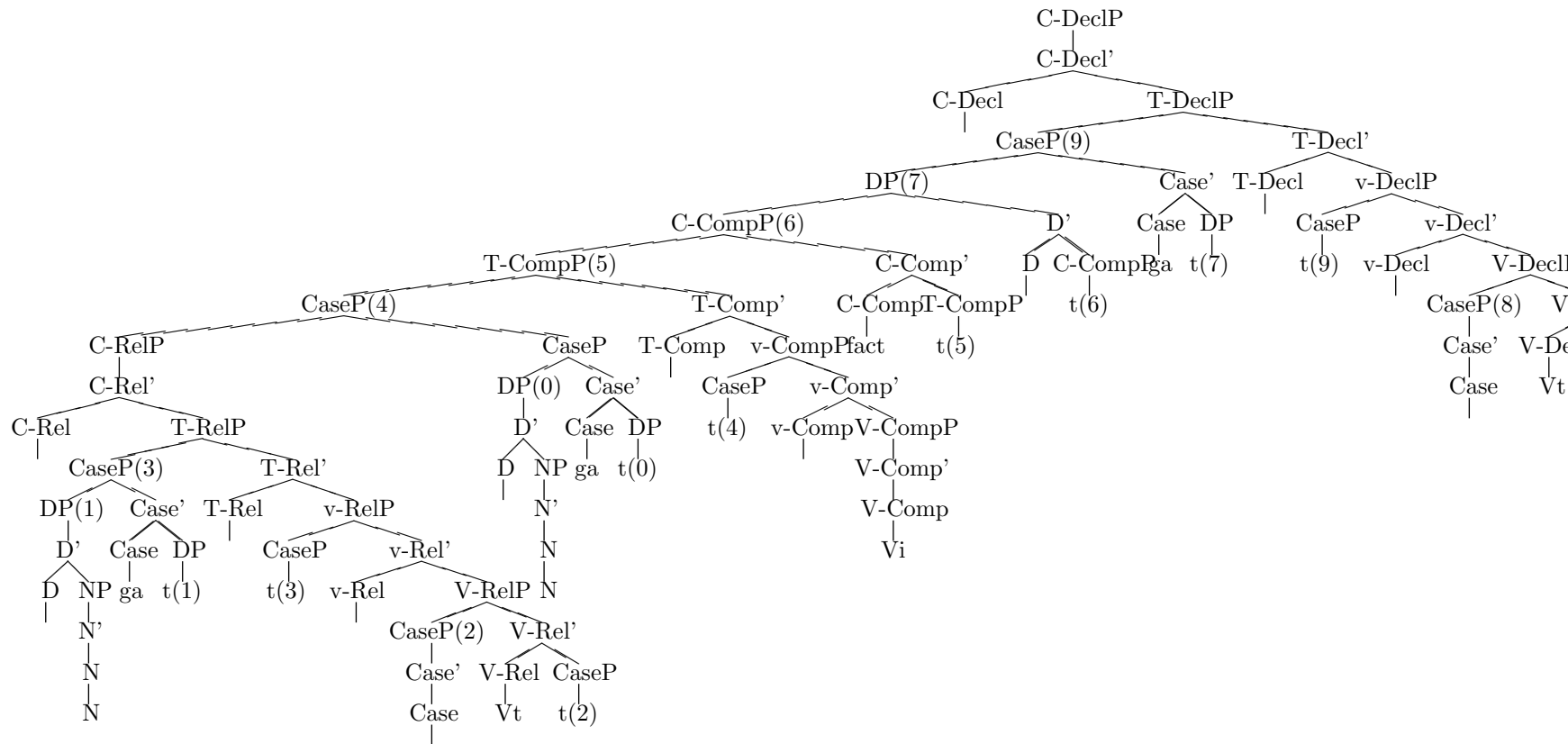


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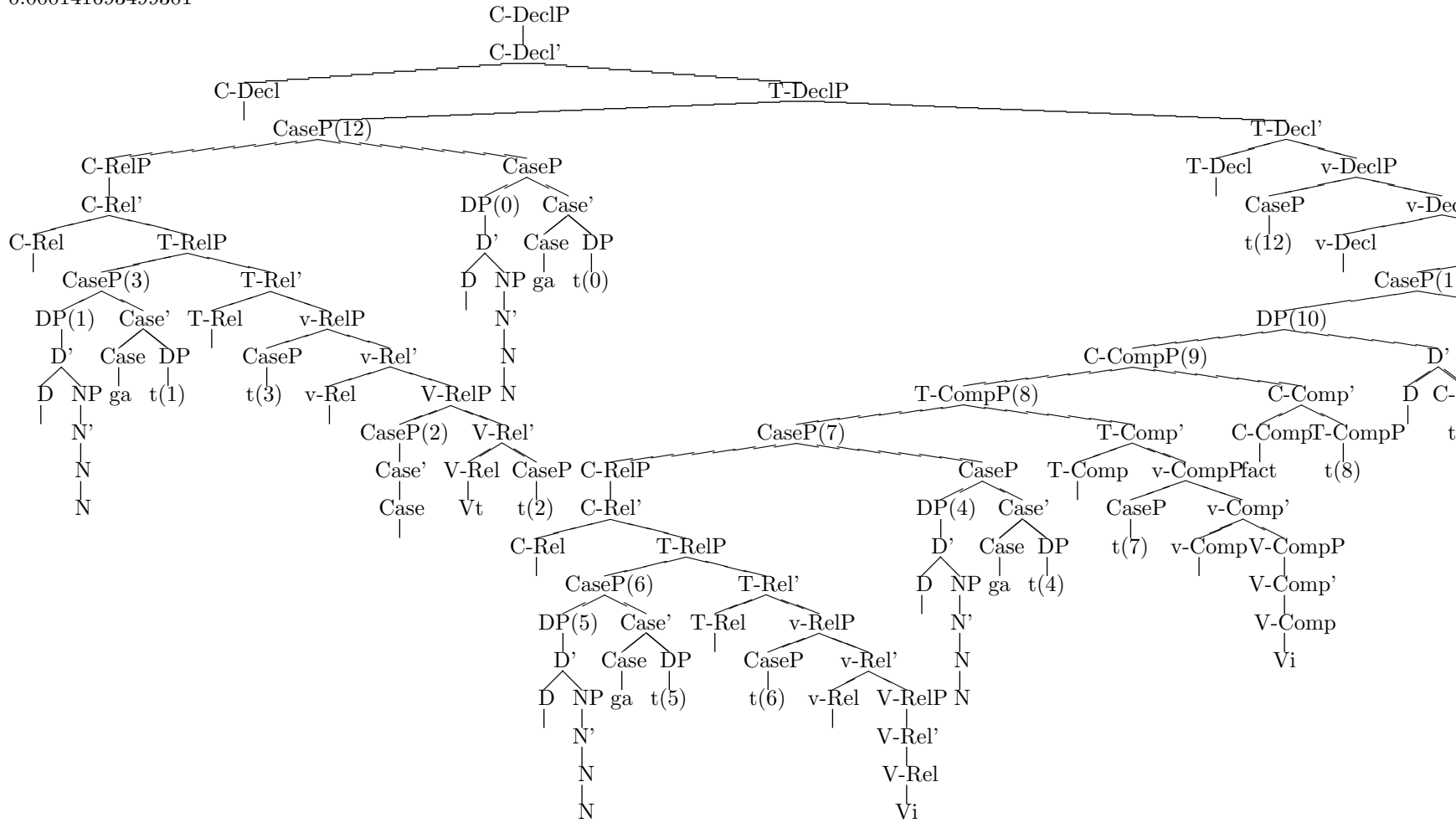




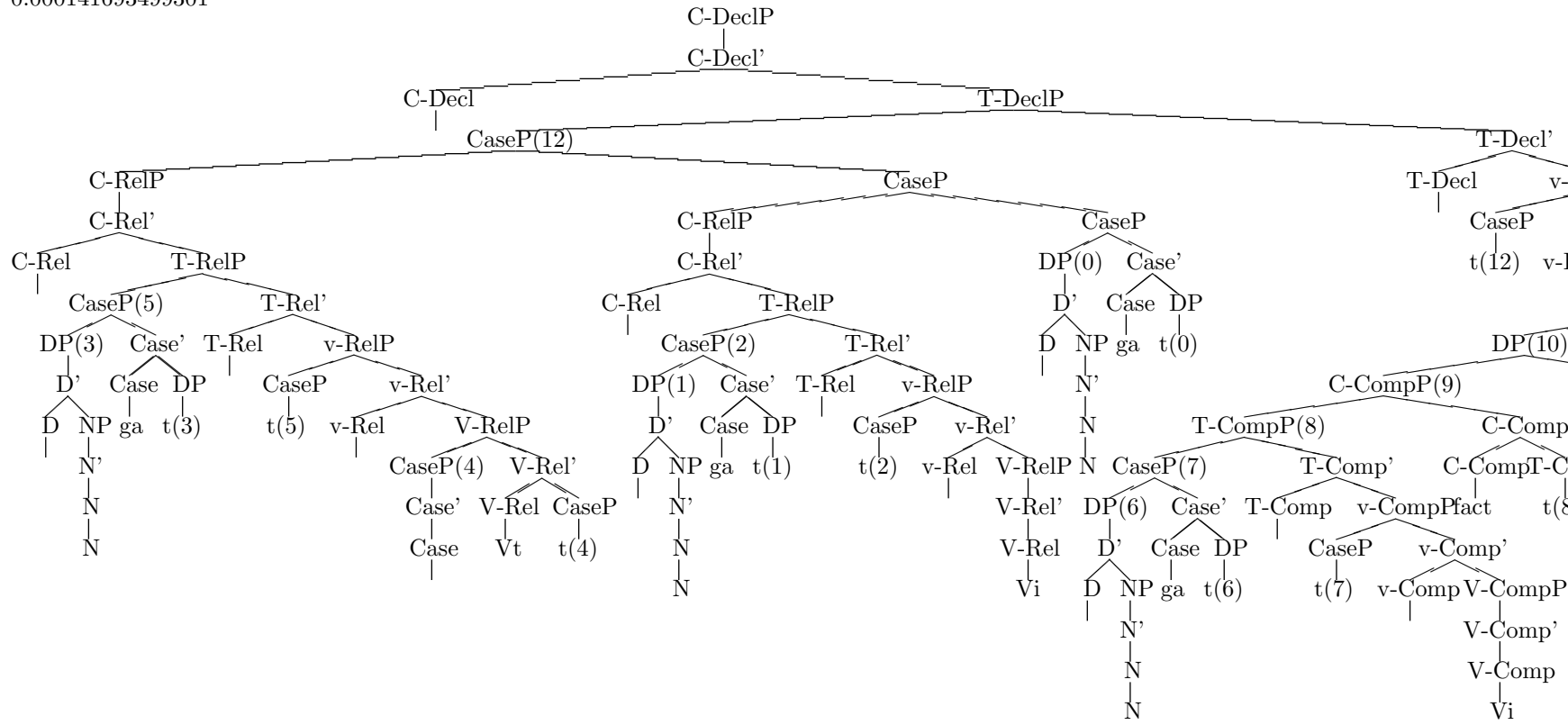




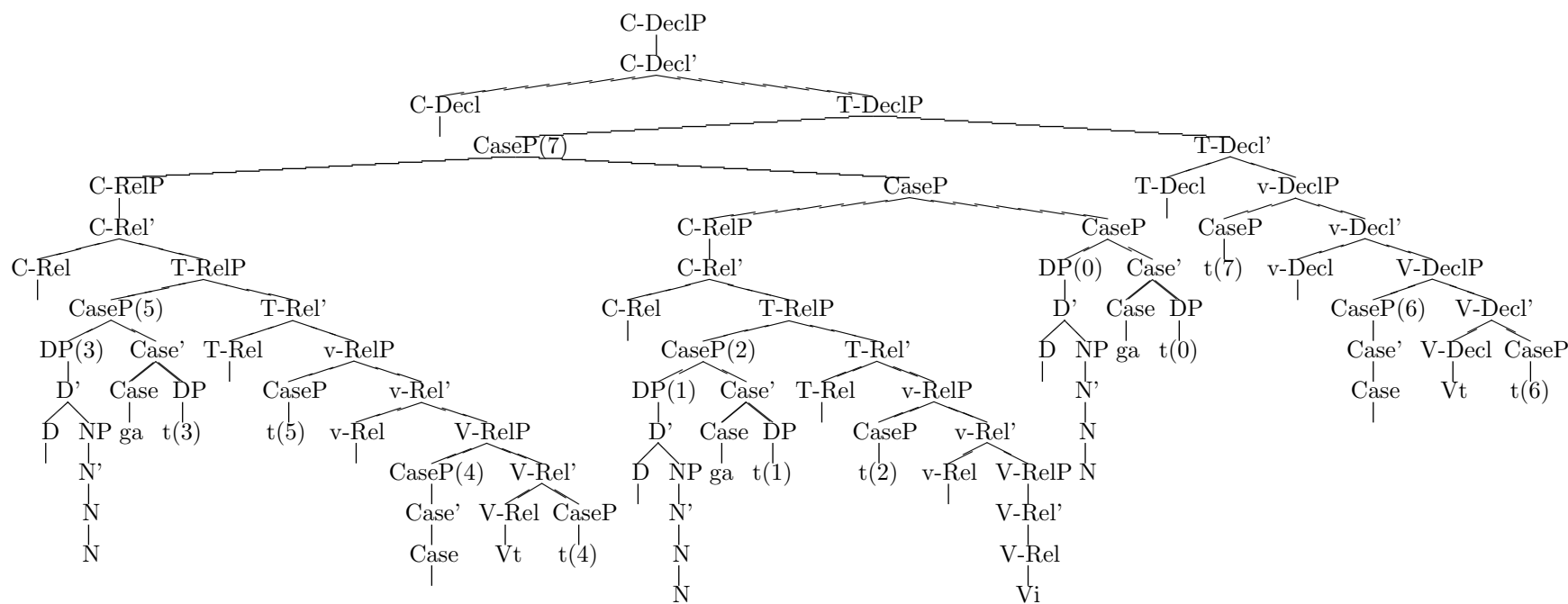




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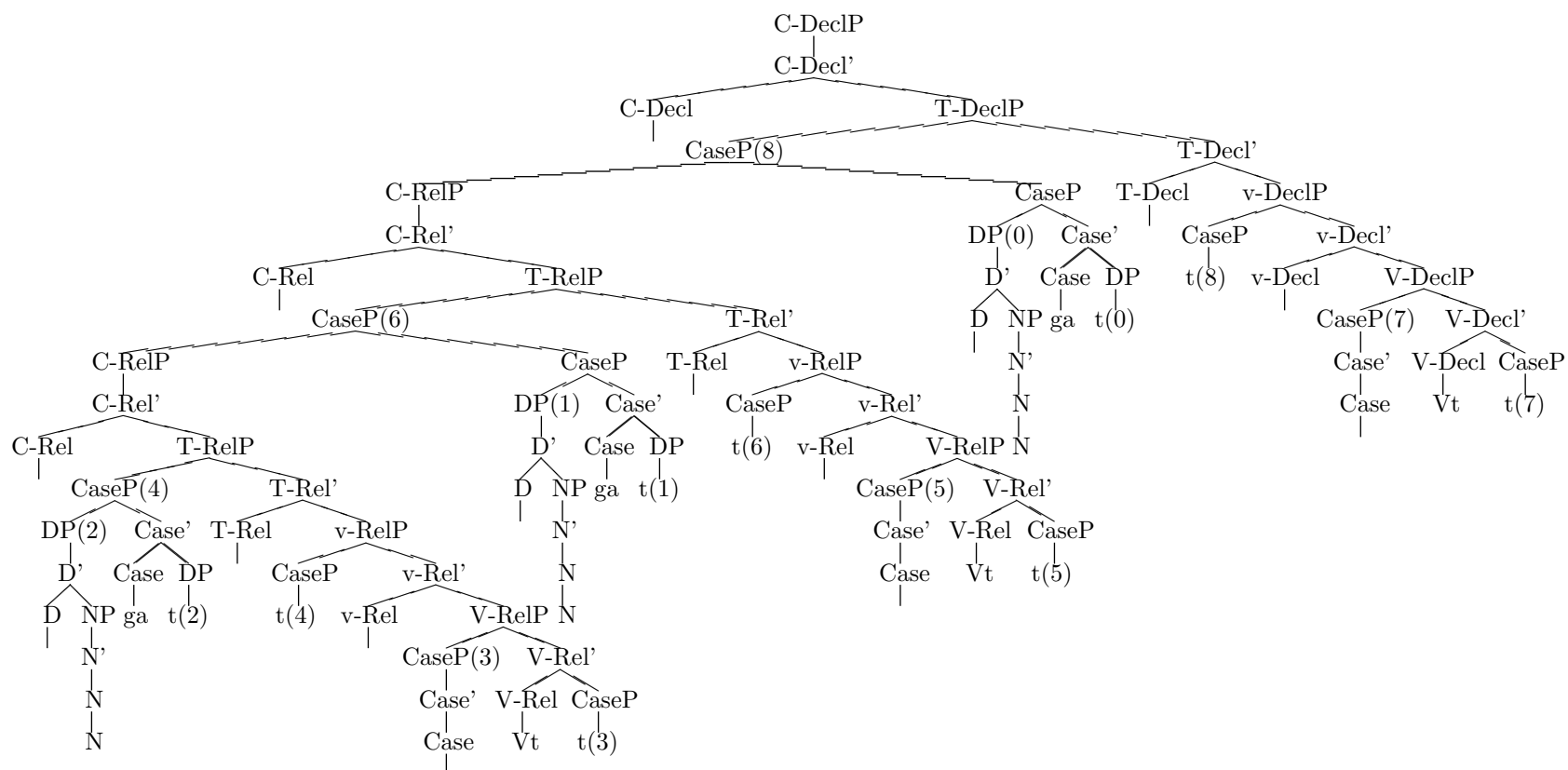


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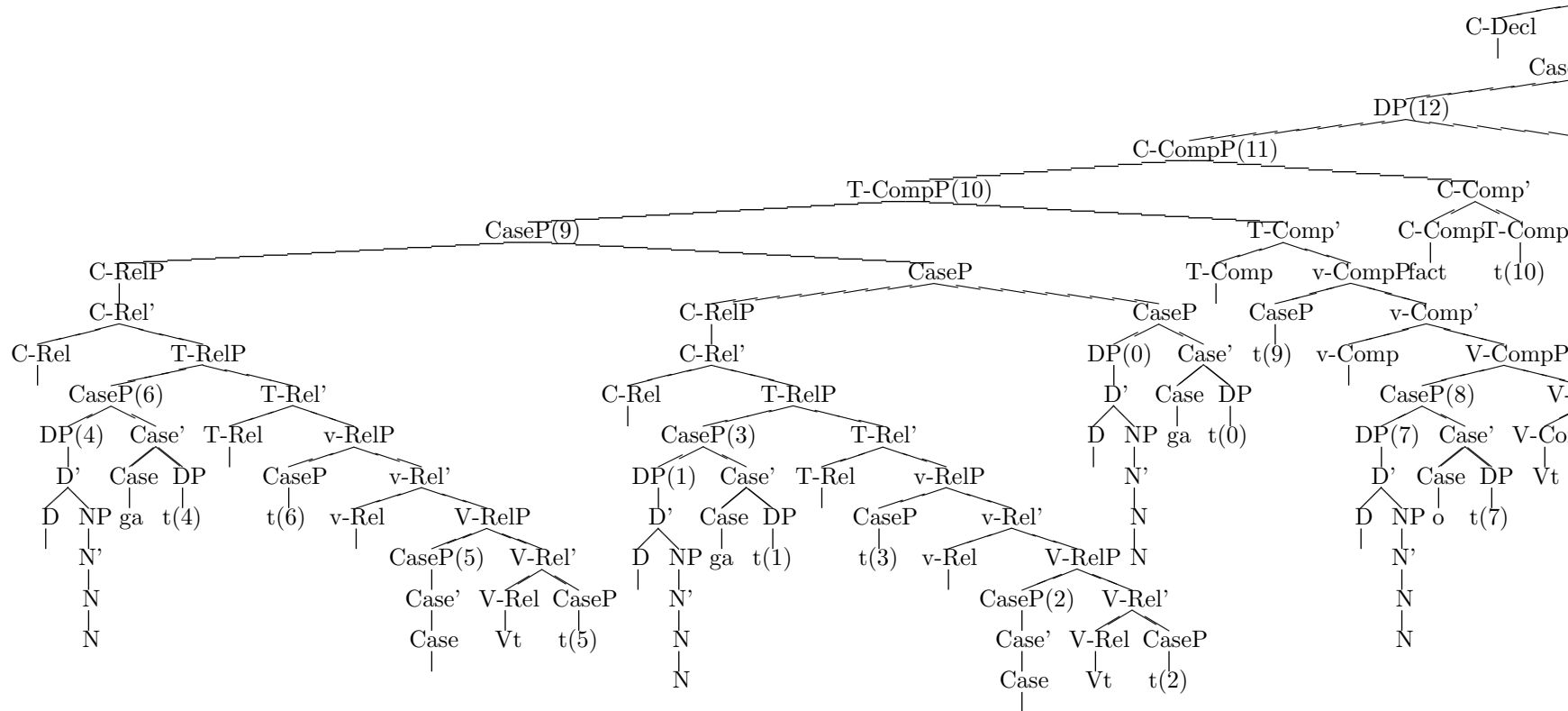





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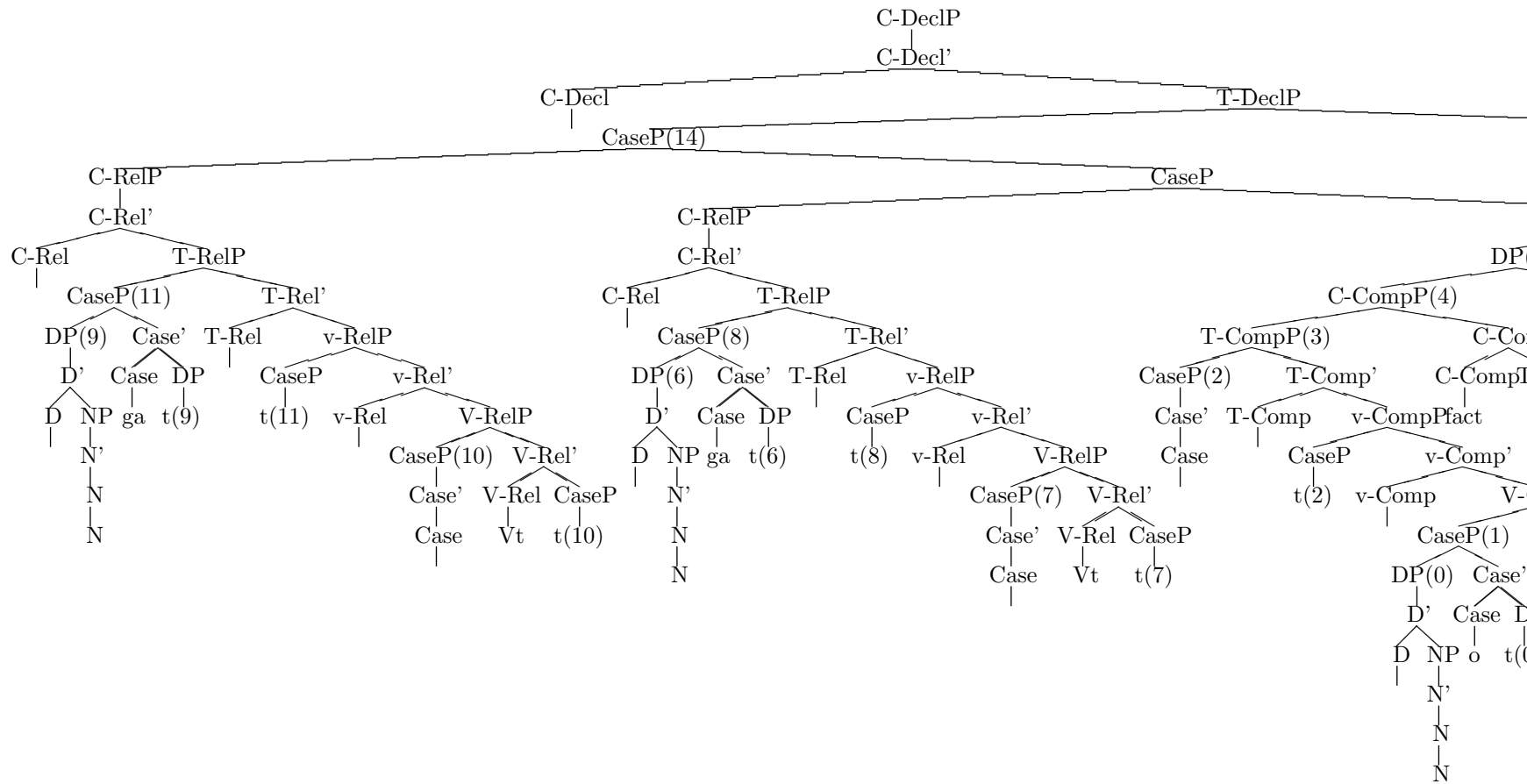
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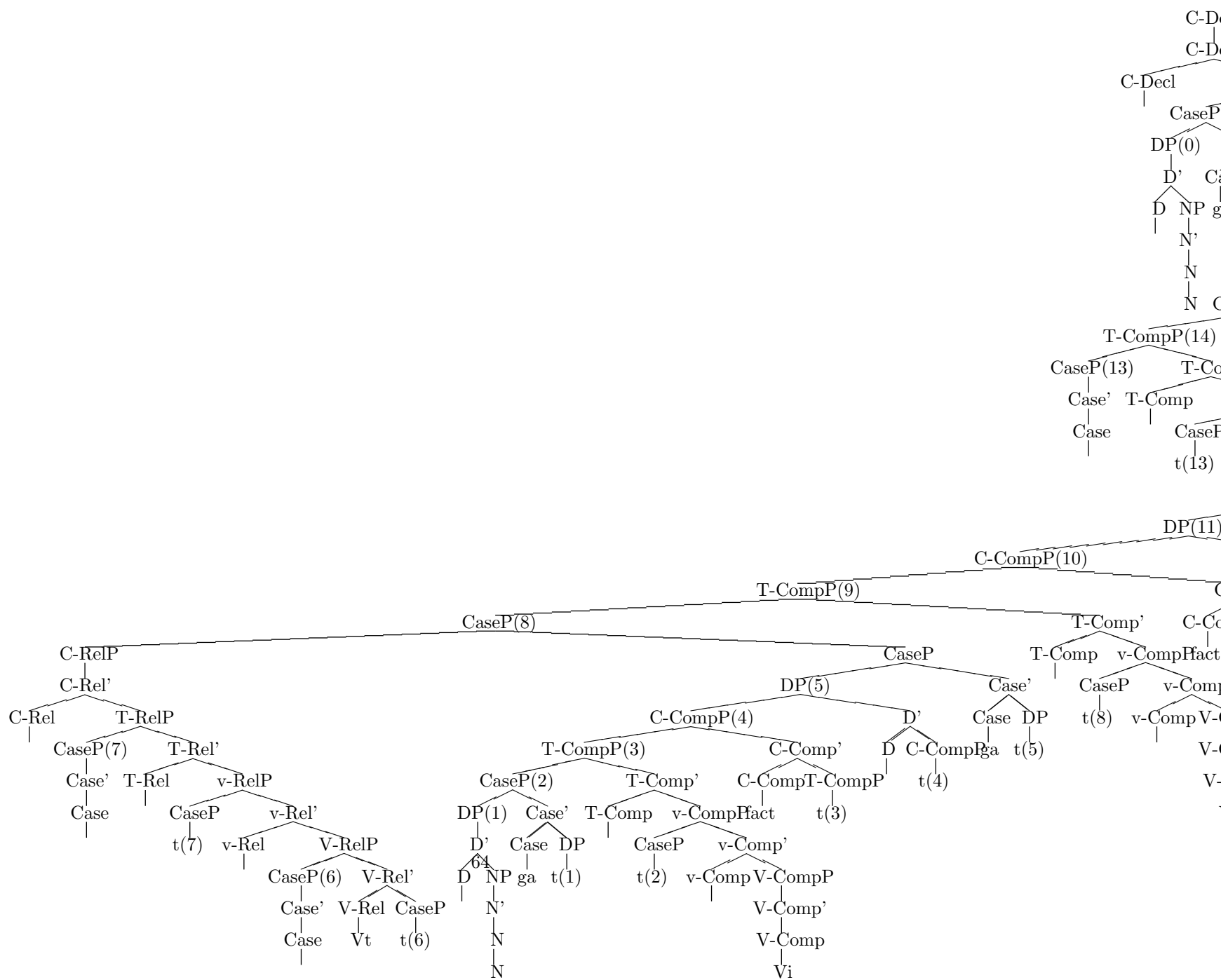
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59. 6.33305771866e-5







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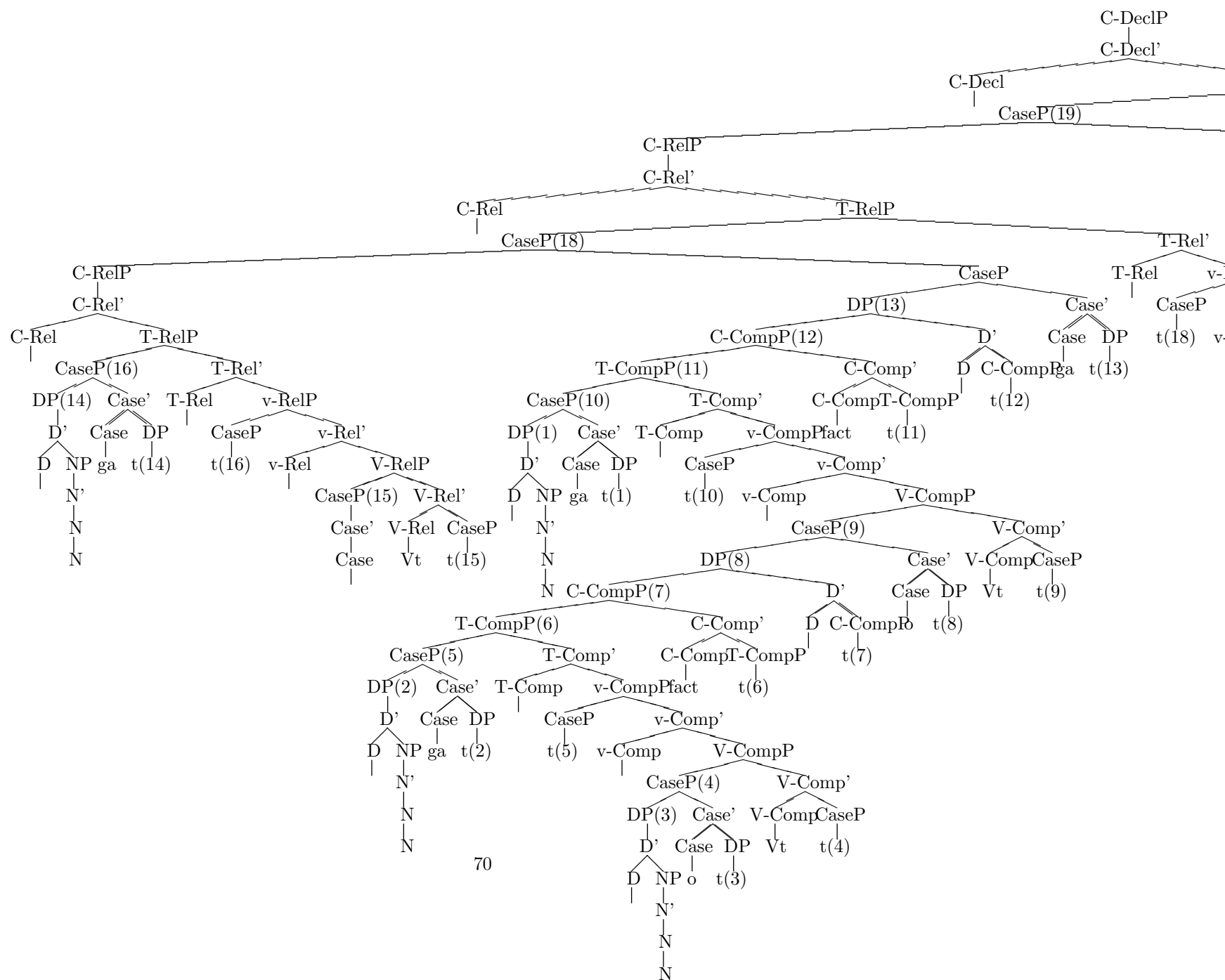
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62.  $1.29992847589\text{e-}5$



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63.  $8.8895854037\text{e-}6$



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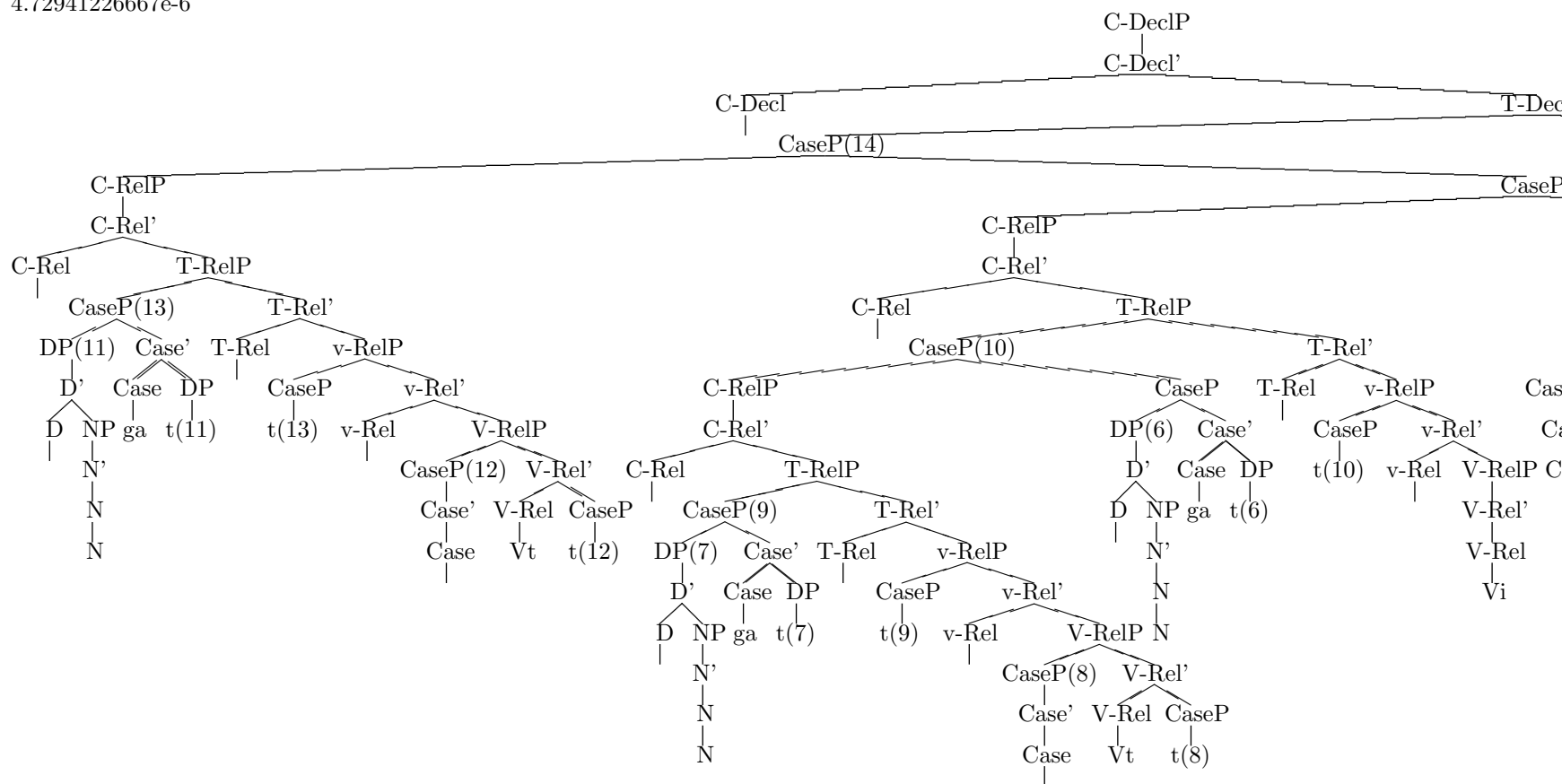
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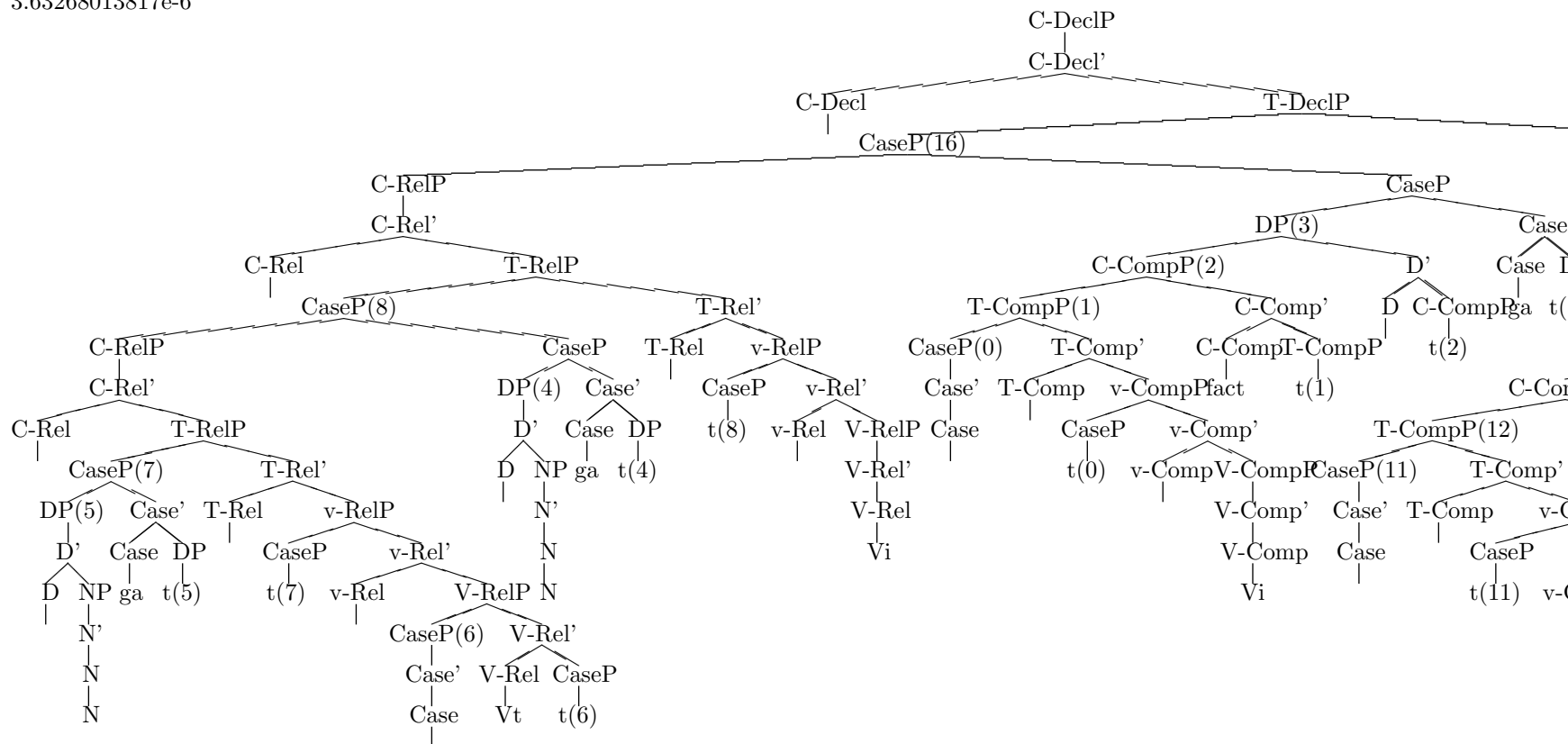
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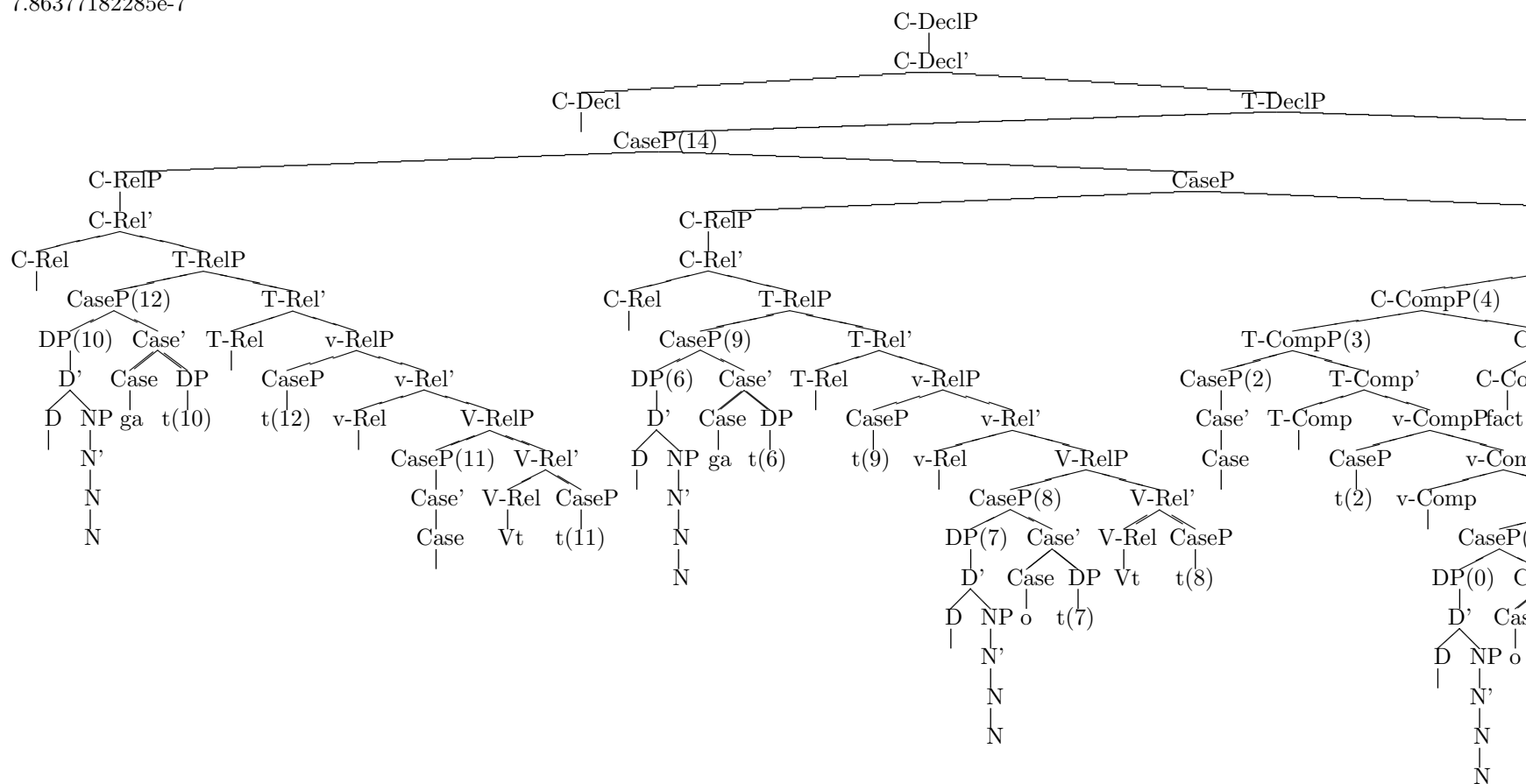


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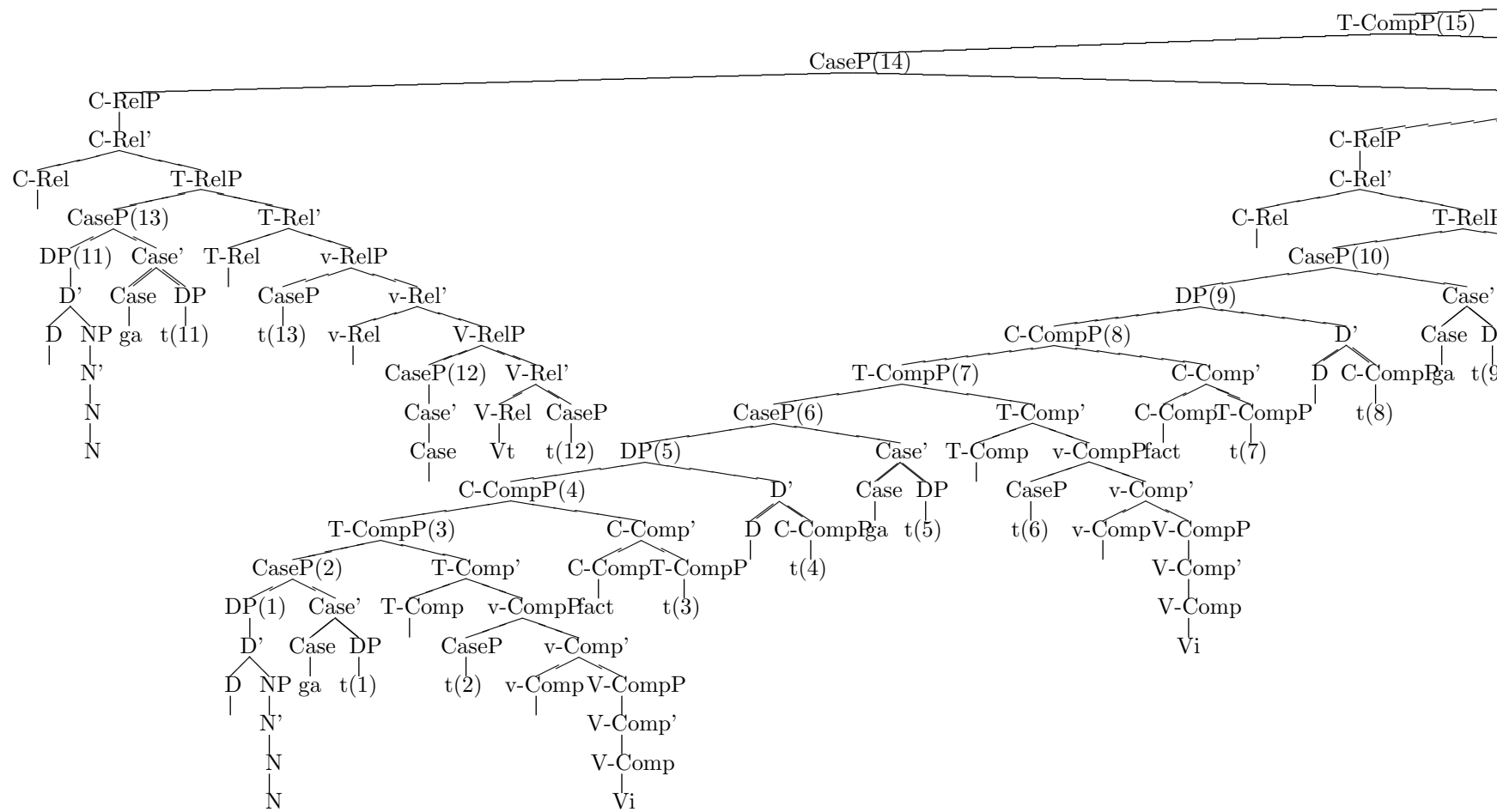
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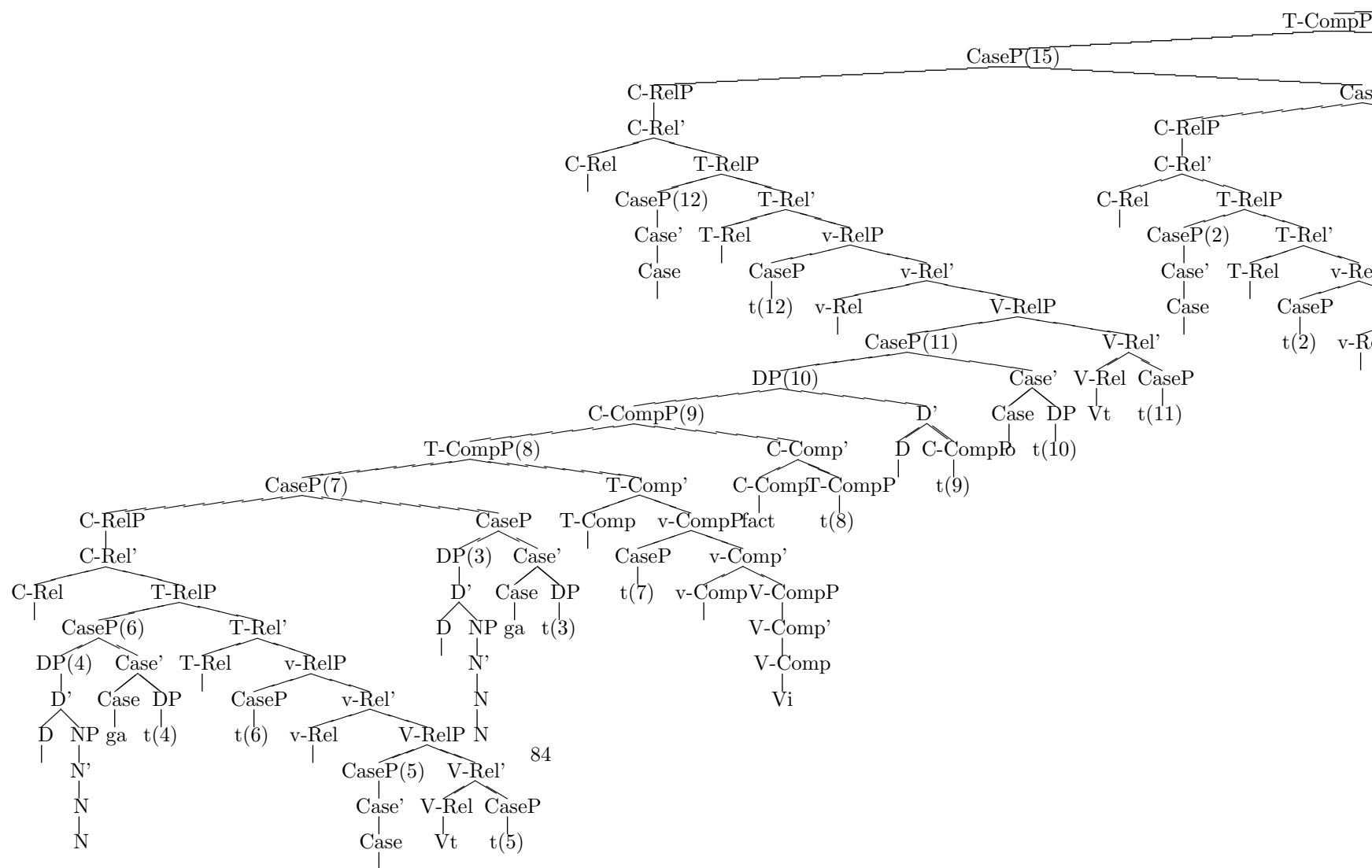






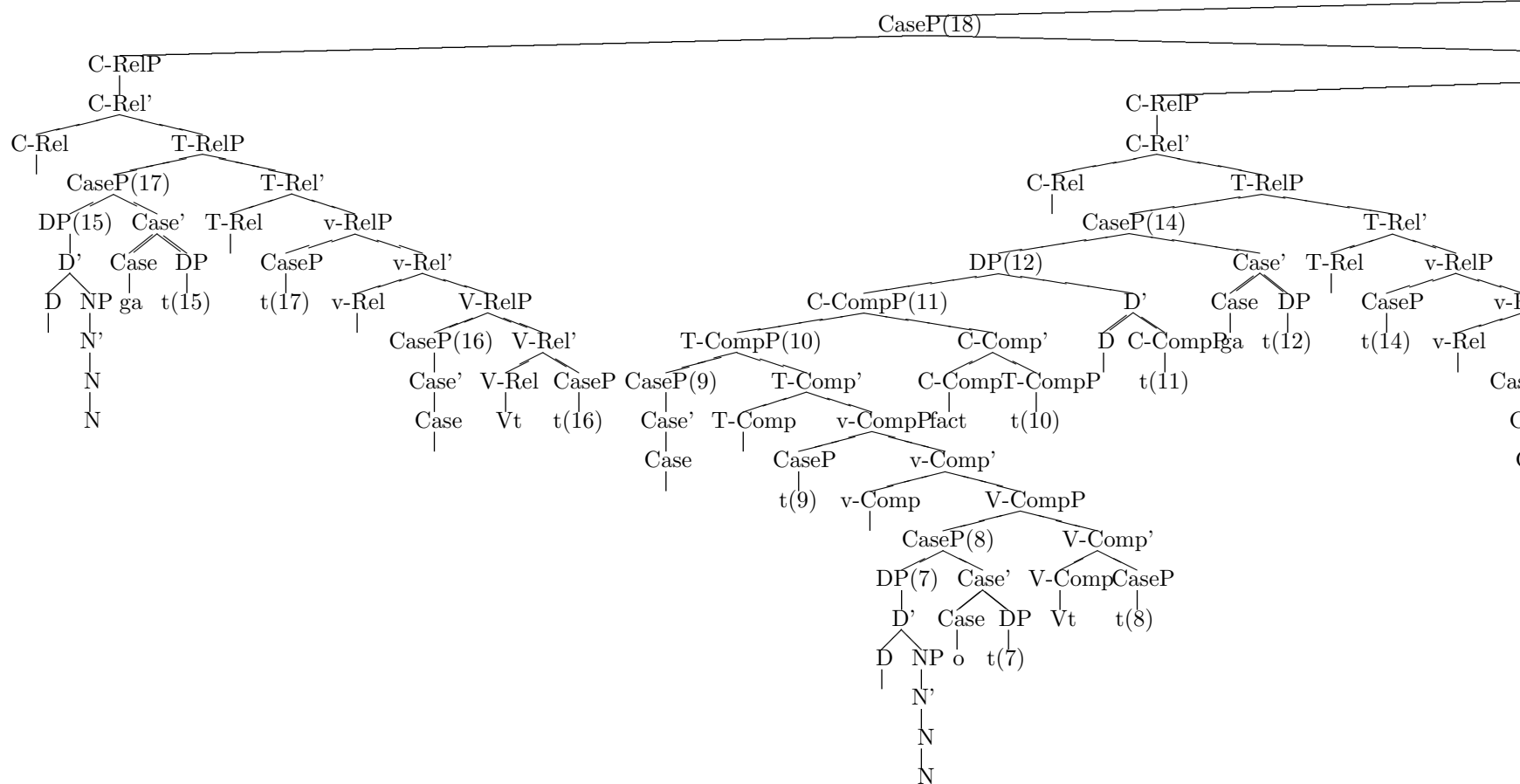
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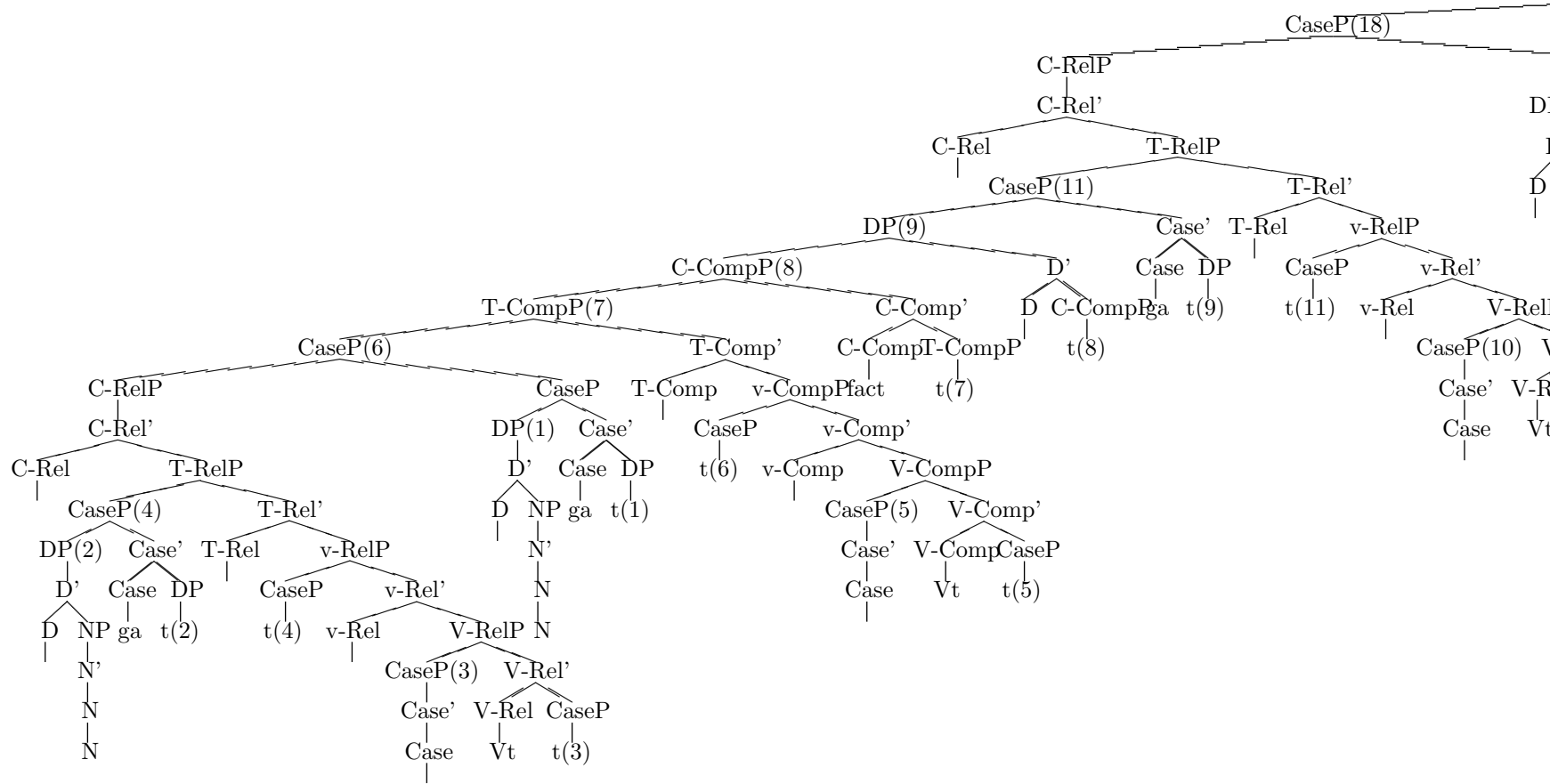
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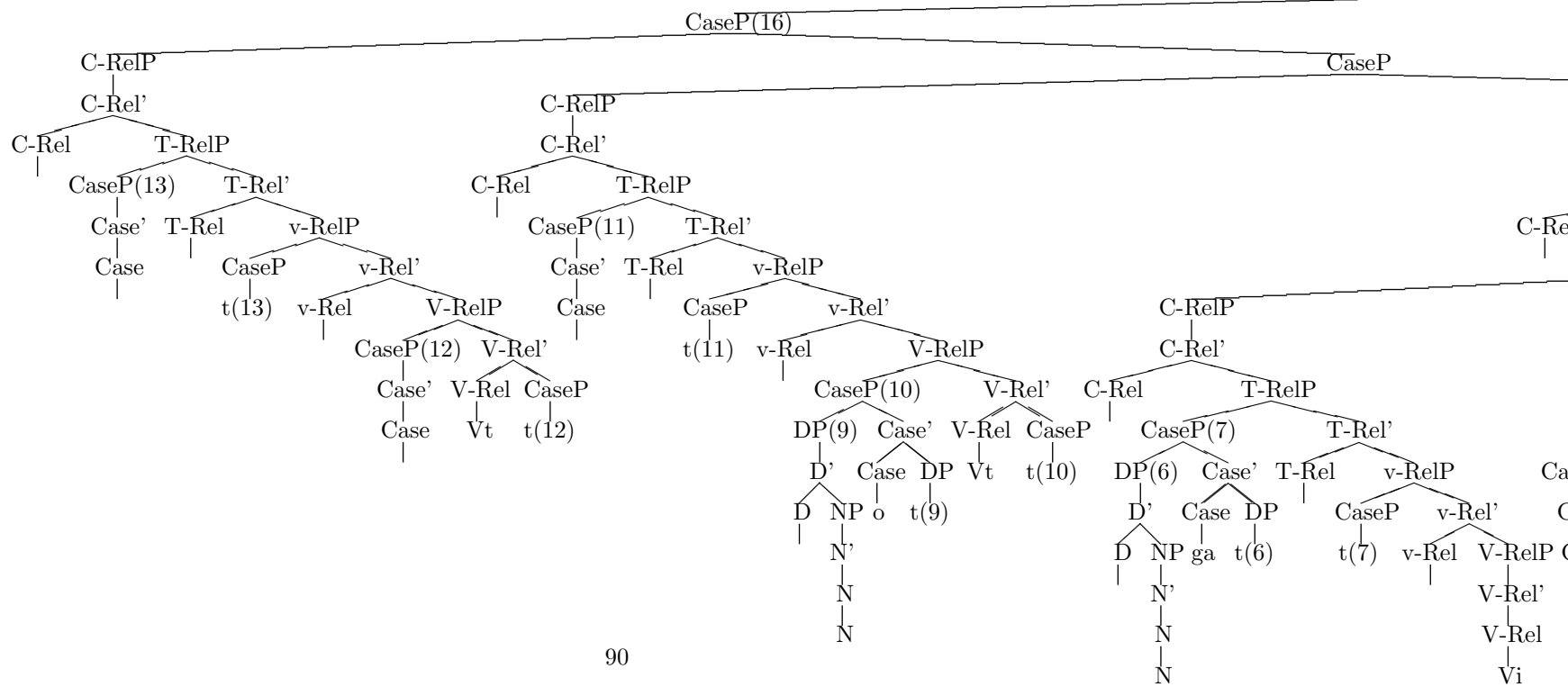
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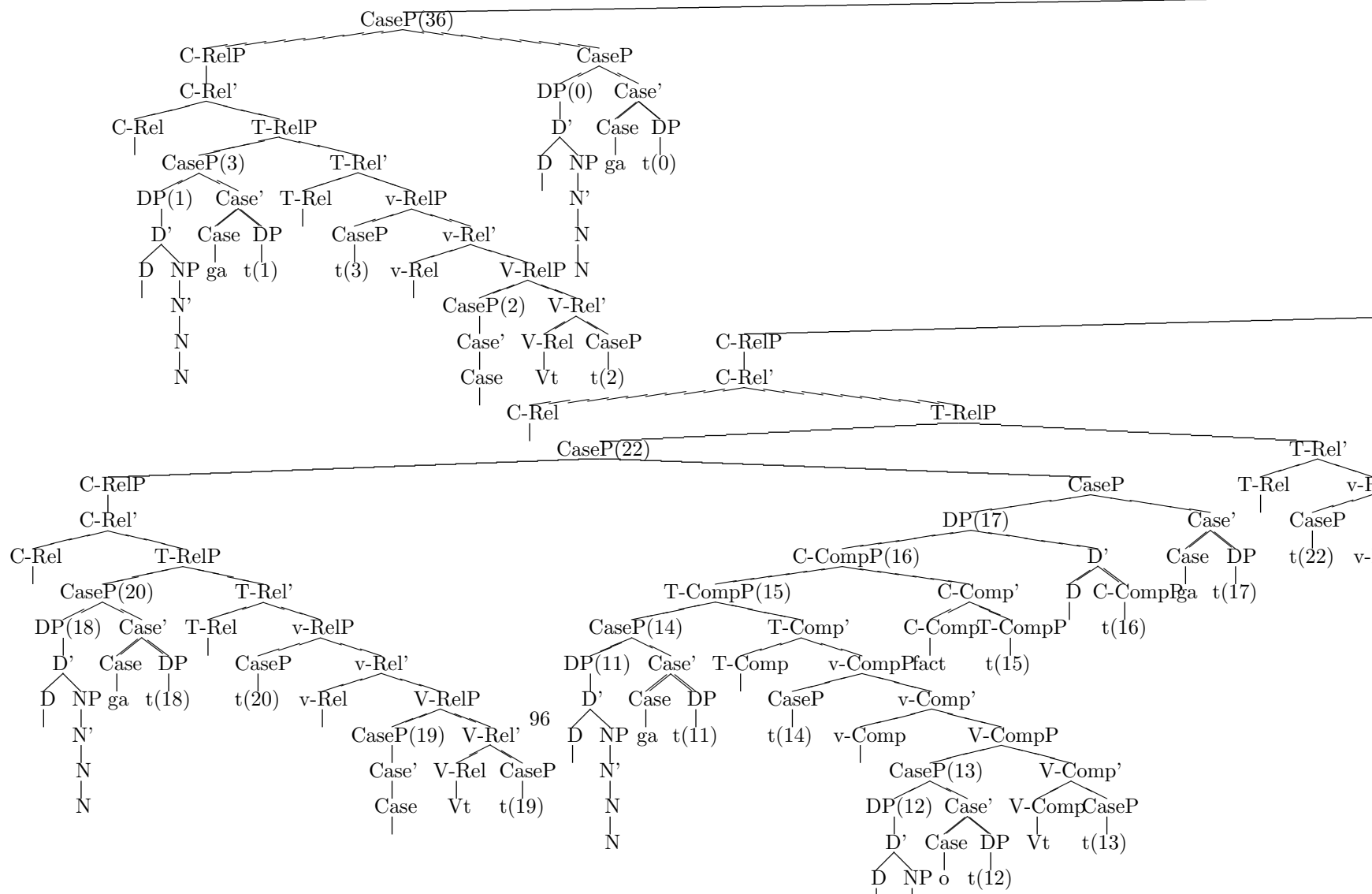
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