

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

- random seed: 114
- WMCFG grammar file used for sampling: japanesepromotion.N-o-Vt-N.global.chart
- md5sum for this grammar file: d6f49b7ffeae557d7eb317a831e12faa
- timestamp for generating this sample: 2012-07-29 23:00:12

## Surface strings

1. 0.421575834656 “N o Vt N ga Vi”
2. 0.163440231996 “N o Vt N ga N o Vt”
3. 0.0392021347429 “N o Vt N o Vt”
4. 0.0158001563312 “N o Vt N ga Vi fact ga Vi”
5. 0.0158001563312 “N o Vt N ga Vi fact ga Vi”
6. 0.014014101986 “N o Vt N ga Vt N ga Vi”
7. 0.014014101986 “N o Vt N ga Vt N ga Vi”
8. 0.0128342631241 “N o Vt N ga N o Vt fact ga Vi”
9. 0.0128342631241 “N o Vt N ga N o Vt fact ga Vi”
10. 0.0105031867282 “N o Vt N ga Vi N o Vt”
11. 0.0105021029069 “N o Vt N o Vt fact ga Vi”
12. 0.0105021029069 “N o Vt N o Vt fact ga Vi”
13. 0.00674910473019 “N o Vt N ga Vt”
14. 0.00612554374338 “N o Vt N ga Vi fact ga N o Vt”
15. 0.00612554374338 “N o Vt N ga Vi fact ga N o Vt”

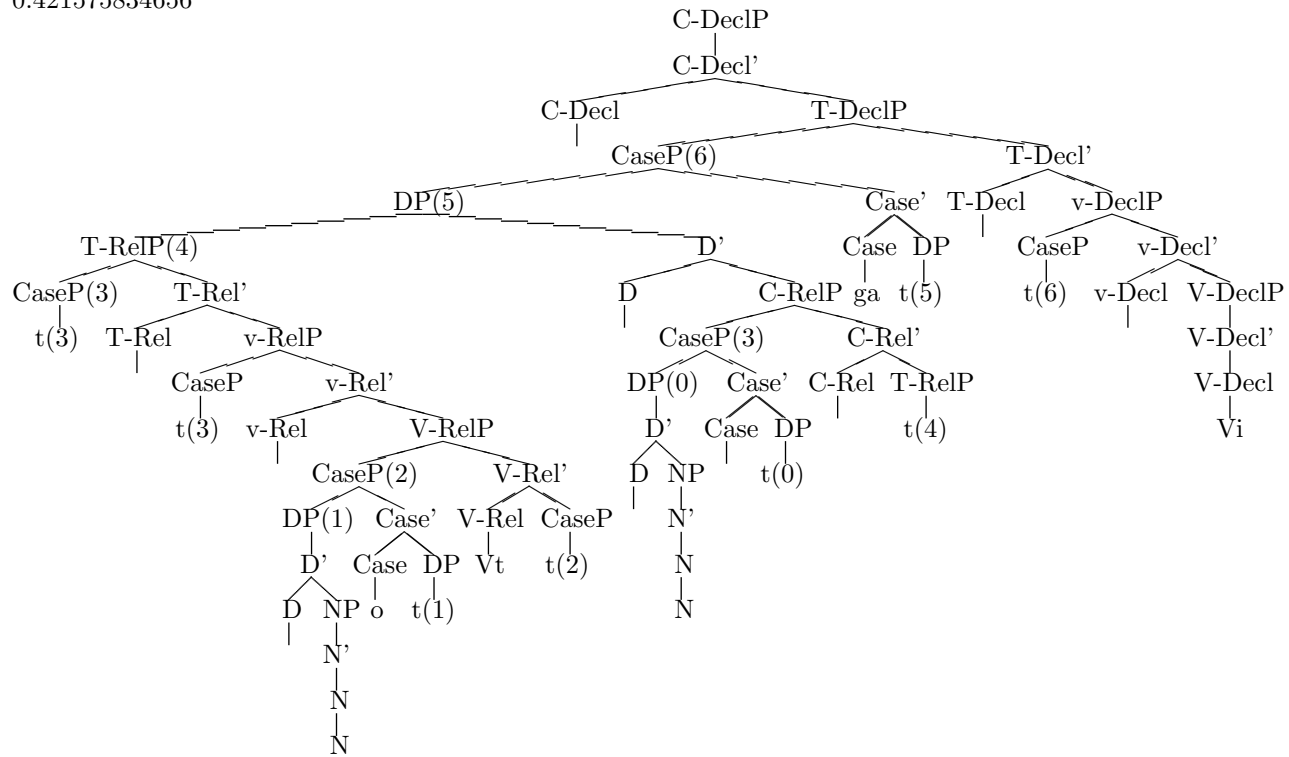
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17. 0.00543311046677 “N o Vt N ga Vt N ga N o Vt”
18. 0.00543311046677 “N o Vt N ga N ga Vt N o Vt”
19. 0.00497570014706 “N o Vt N ga N ga N o Vt fact o Vt”
20. 0.00407154773695 “N o Vt N o Vt fact ga N o Vt”
21. 0.00407154773695 “N o Vt N ga N o Vt fact o Vt”
22. 0.00119345197461 “N o Vt N ga N o Vt fact o Vt”
23. 0.00113426814972 “N o Vt N ga Vt fact ga Vi”
24. 0.000976585514146 “N o Vt N o Vt fact o Vt”
25. 0.000976585514146 “N o Vt N o Vt fact o Vt”
26. 0.000525231723495 “N o Vt N ga Vt N ga Vi fact ga Vi”
27. 0.000481012778926 “N o Vt N ga N o Vt fact ga Vi fact ga Vi”
28. 0.000465859374114 “N o Vt N ga Vt N ga Vt N ga Vi”
29. 0.000393606212914 “N o Vt N ga Vi fact o Vt fact ga Vi”
30. 0.000390720473987 “N o Vt N ga N o Vt fact ga N o Vt fact ga Vi”
31. 0.000349148878771 “N o Vt N ga Vt N ga Vi N o Vt”
32. 0.000349112850182 “N o Vt N ga Vt N o Vt fact ga Vi”
33. 0.000261650547308 “N o Vt N o Vt fact ga Vi N o Vt”
34. 0.000205466677259 “N o Vt N ga N o Vt fact ga Vt”
35. 0.00020362645978 “N o Vt N ga N ga Vi fact ga Vt N o Vt”
36. 0.000180608464536 “N o Vt N ga Vt N ga Vt N ga N o Vt”
37. 0.000166624761741 “N o Vt N ga Vt N ga Vi fact o Vt”

38. 0.00016540314596 “N o Vt N ga Vt N ga N o Vt fact ga N o Vt”
39. 0.000152596722737 “N o Vt N ga Vi fact o Vt fact ga N o Vt”
40. 0.000145358476279 “N o Vt N ga Vt Vt N ga Vi”
41. 0.000144866253816 “N o Vt N ga Vt N o Vt N ga Vi”
42. 0.000133120833125 “N o Vt N ga Vt N o Vt fact ga Vi”
43. 0.000132670050577 “N o Vt N ga N o Vt fact o Vt N ga Vi”
44. 0.000132670050577 “N o Vt N o Vt N ga N o Vt fact ga Vi”
45. 0.000132670050577 “N o Vt N ga N o Vt N o Vt fact ga Vi”
46. 0.000123952348979 “N o Vt N o Vt fact ga N ga N o Vt fact o Vt”
47. 6.35359801012e-5 “N o Vt N ga Vt N ga Vi fact o Vt”
48. 5.16094568544e-5 “N o Vt N ga N ga Vt N o Vt fact o Vt”
49. 4.4729147694e-5 “N o Vt N ga Vi fact ga N o Vt fact o Vt”
50. 4.25110089663e-5 “N o Vt N ga Vt fact ga Vi fact ga Vi”
51. 2.82563654107e-5 “N o Vt N o Vt fact ga Vt fact ga Vi”
52. 1.59899158972e-5 “N o Vt N ga N o Vt fact ga Vt N ga Vi fact ga Vi”
53. 1.59899158972e-5 “N o Vt N ga Vt N ga N o Vt fact ga Vi fact ga Vi”
54. 1.54861836075e-5 “N o Vt N ga Vt N ga Vt N ga Vt N ga Vi”
55. 1.41824110746e-5 “N o Vt N ga Vt N ga N o Vt fact ga Vt N ga Vi”
56. 1.3516815018e-5 “N o Vt N ga Vt Vt N o Vt”
57. 1.30856809474e-5 “N o Vt N ga Vt N ga Vi fact ga Vi N o Vt”
58. 1.30856809474e-5 “N o Vt N ga Vi N ga Vi fact ga Vt N o Vt”
59. 1.19827686706e-5 “N o Vt N ga Vi fact ga N o Vt fact o Vt fact ga Vi”

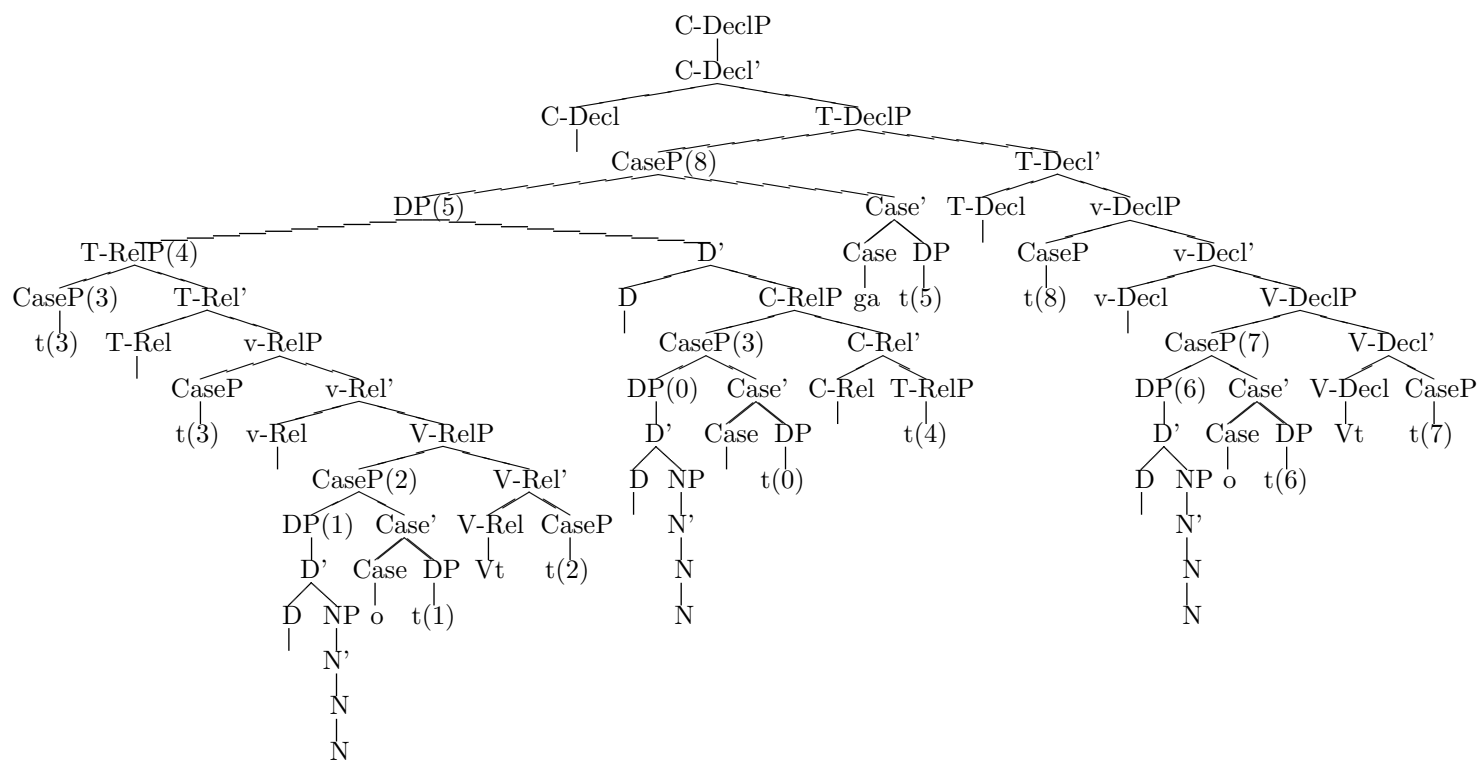
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61. 1.06282329558e-5 “N o Vt N ga Vt N ga N o Vt fact o Vt fact ga Vi”
62. 1.06282329558e-5 “N o Vt N o Vt fact ga N ga Vt N o Vt fact ga Vi”
63. 4.64558527905e-6 “N o Vt N ga Vi fact ga N o Vt fact o Vt fact ga N o Vt”
64. 4.120446945e-6 “N o Vt N ga N ga Vt N o Vt fact o Vt fact ga N o Vt”
65. 7.45791649445e-7 “N o Vt N ga Vt Vi N o Vt fact ga Vt N ga Vi”
66. 7.03909552974e-7 “N o Vt N ga Vt fact o Vt fact o Vt fact ga Vi”
67. 3.59590905451e-7 “N o Vt N o Vt Vi fact ga Vt fact ga Vi”
68. 3.2595081488e-7 “N o Vt N ga N o Vt fact ga Vt Vi fact o Vt fact ga Vi”
69. 2.09470065759e-7 “N o Vt N ga Vt N ga Vi fact o Vt fact ga Vt”
70. 1.54429406369e-7 “N o Vt N o Vt fact ga N ga N ga Vt N ga Vi fact o Vt fact o Vt”
71. 9.92412254688e-9 “N o Vt N ga Vi fact ga N o Vt fact ga Vi N ga Vt N o Vt fact o Vt”
72. 1.42636811953e-9 “N o Vt N ga Vt N o Vt N ga Vt N o Vt fact ga Vi fact o Vt”
73. 1.36860848844e-14 “N o Vt N ga Vt N ga Vt N ga Vi Vi Vi Vt N o Vt fact ga Vt N ga Vt N o Vt”

## X-bar structures

1. 0.421575834656

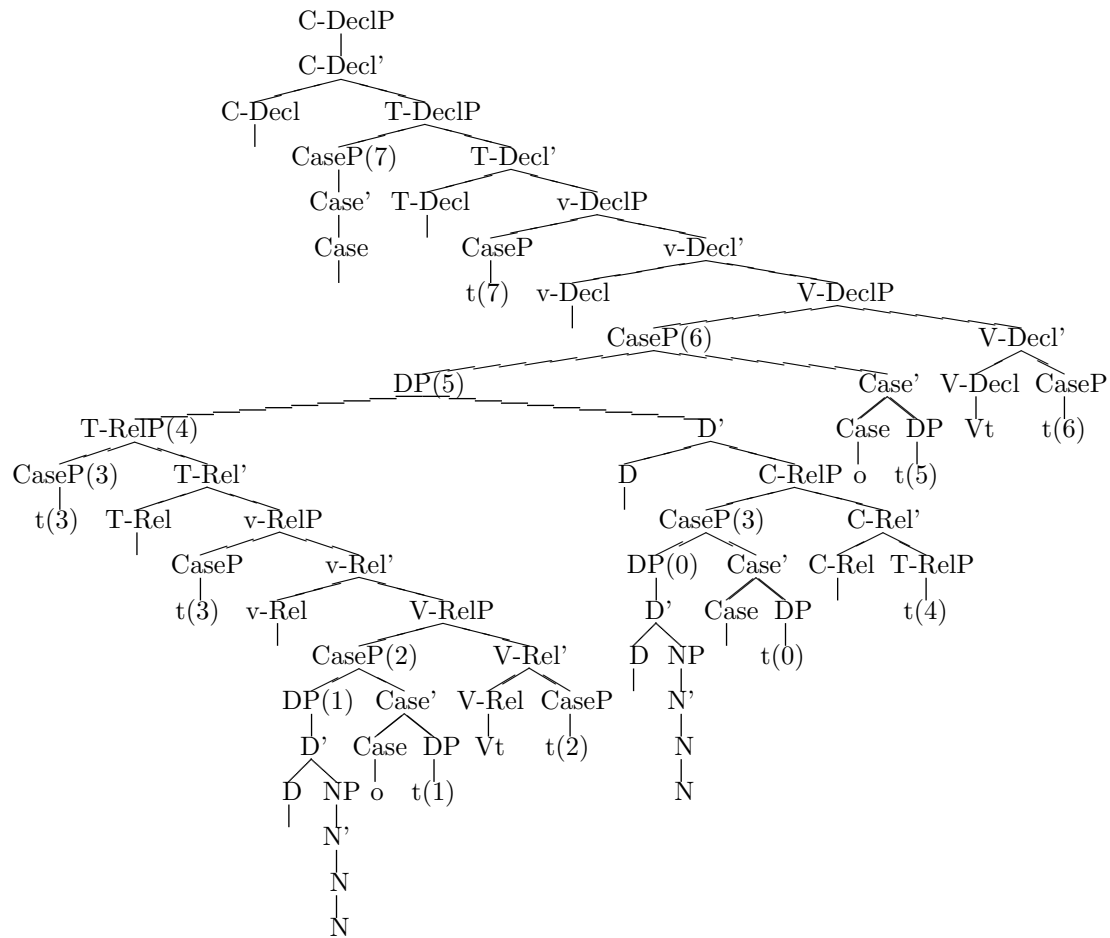


2. 0.163440231996




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3. 0.0392021347429



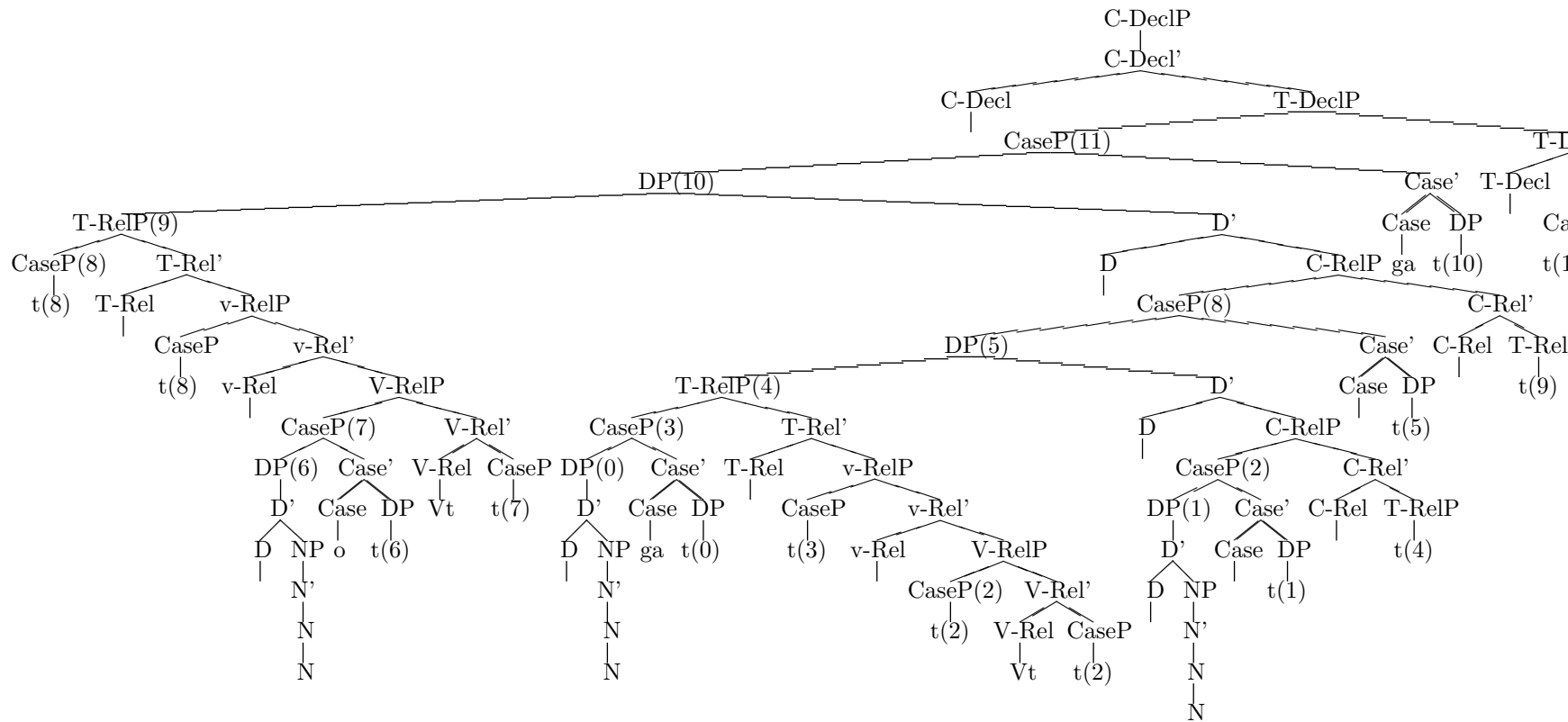

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4. 0.0158001563312







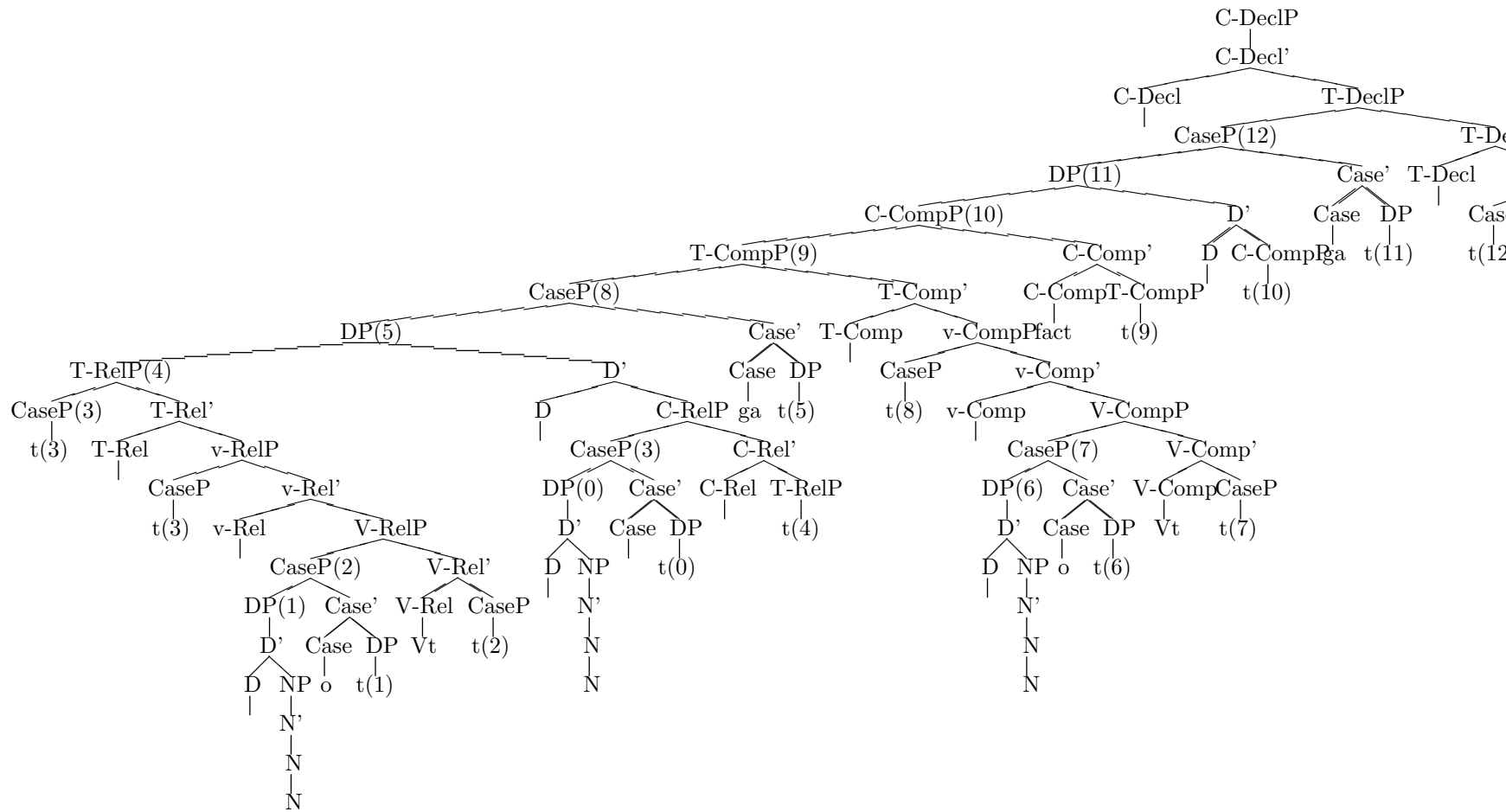



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7. 0.014014101986







10. 0.0105031867282



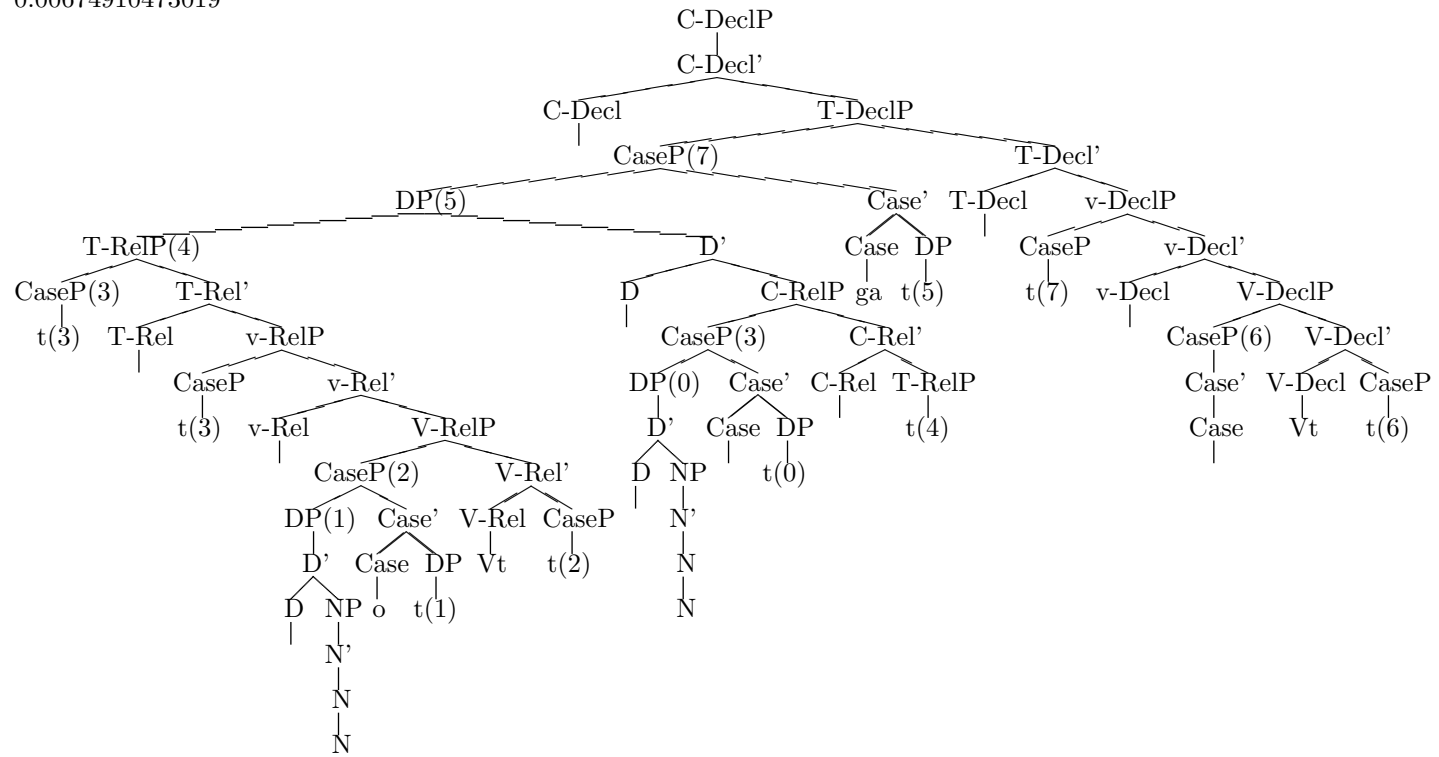






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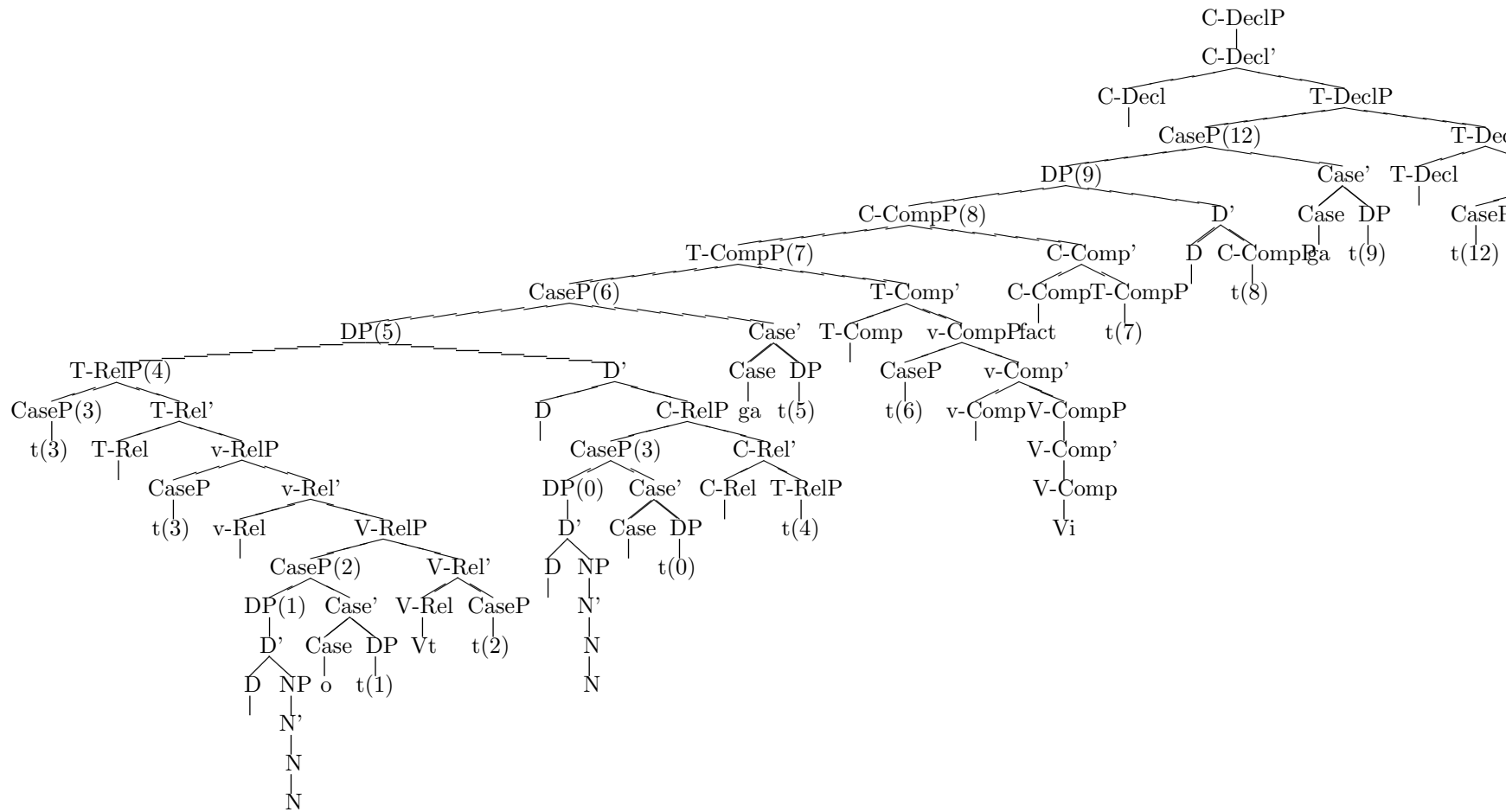
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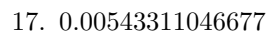

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14. 0.00612554374338





16. 0.00612554374338



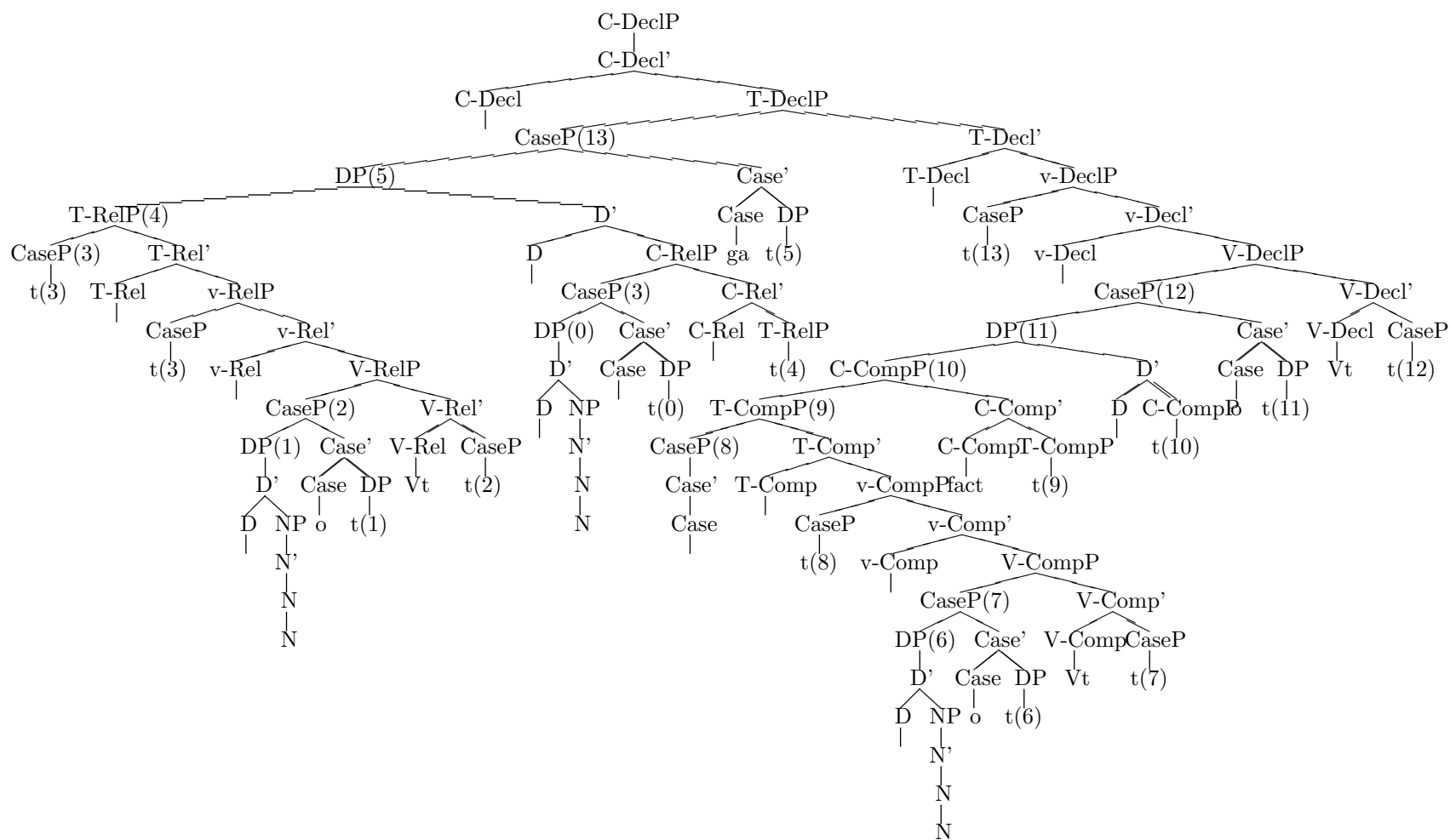






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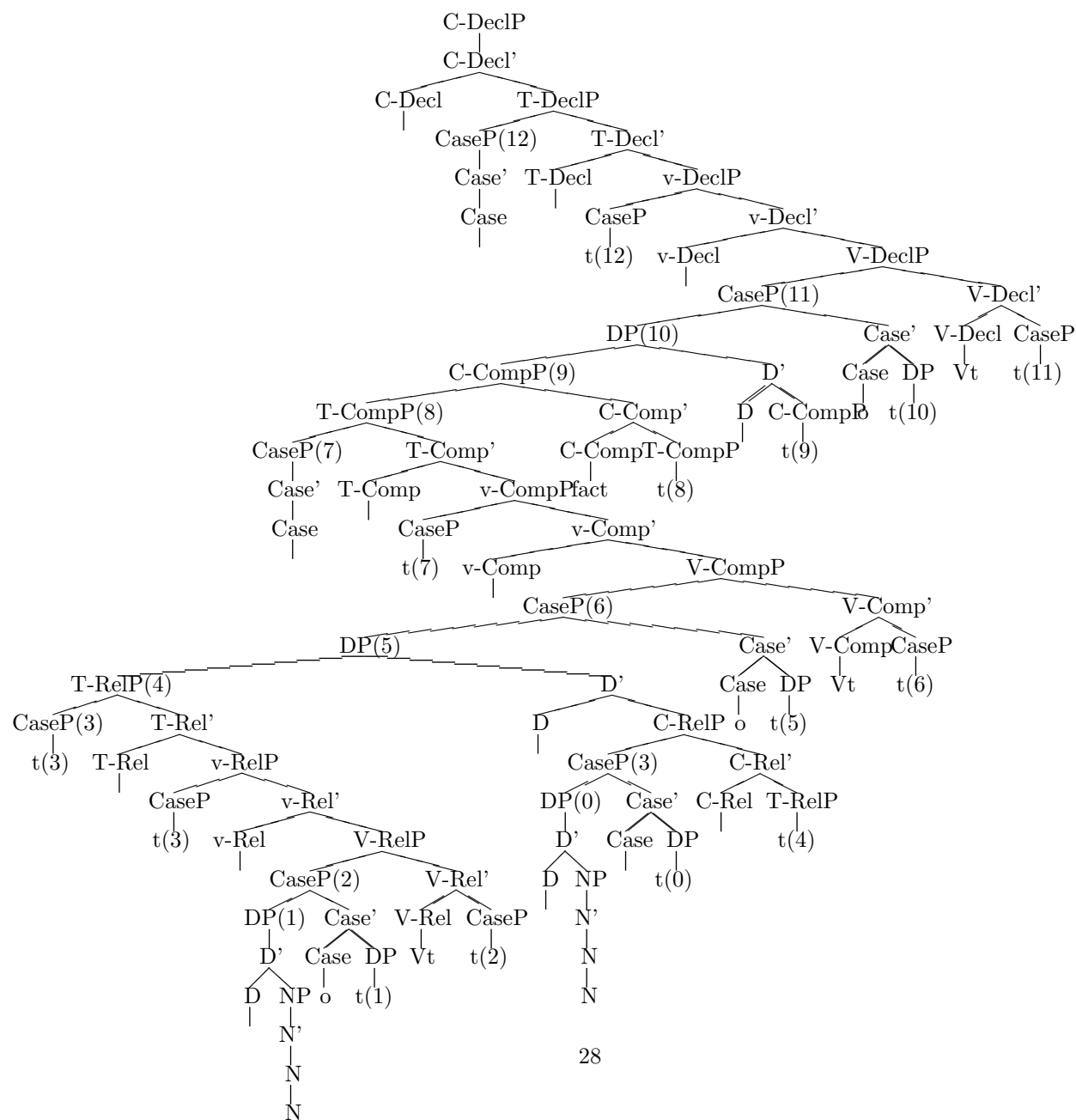




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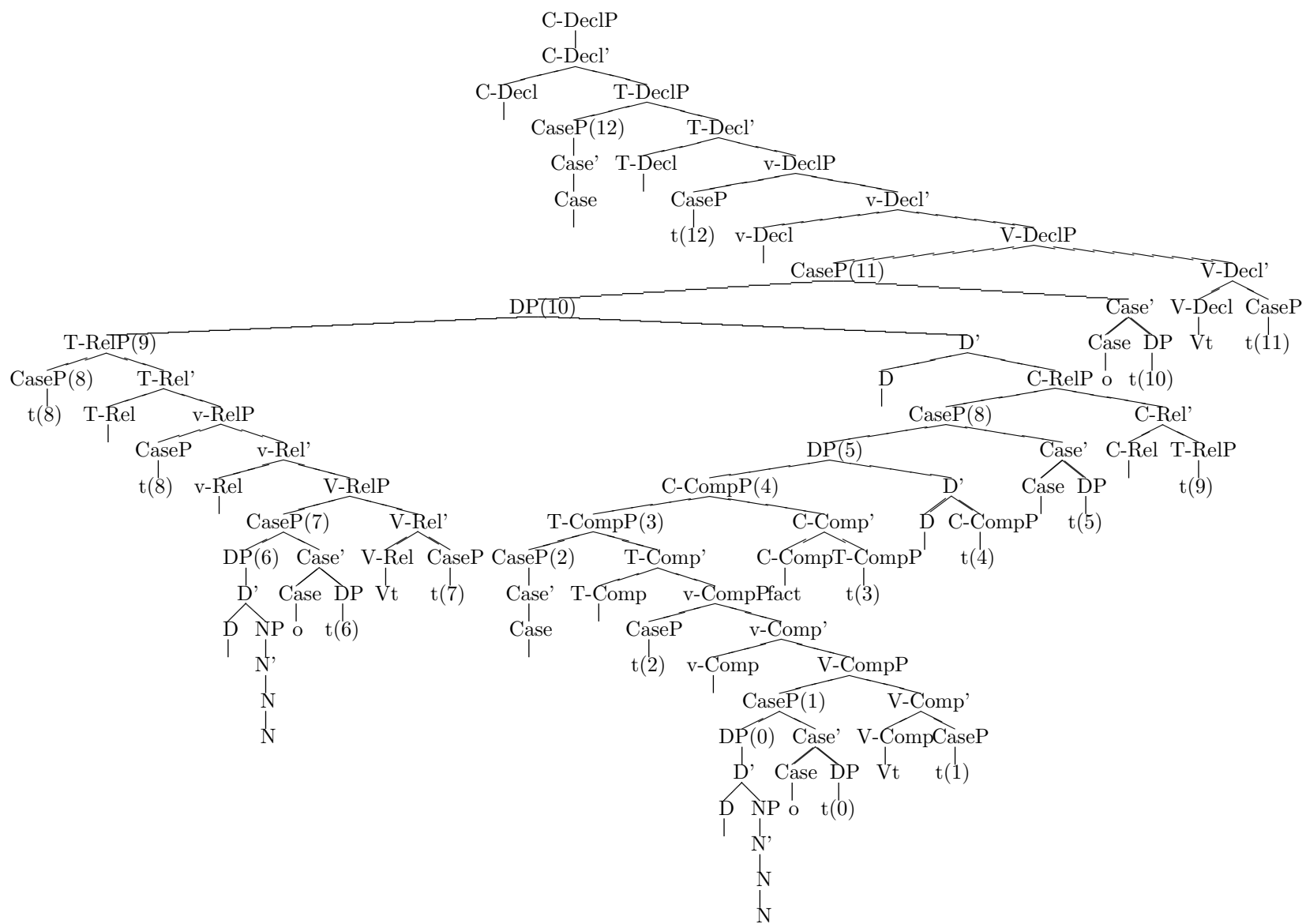






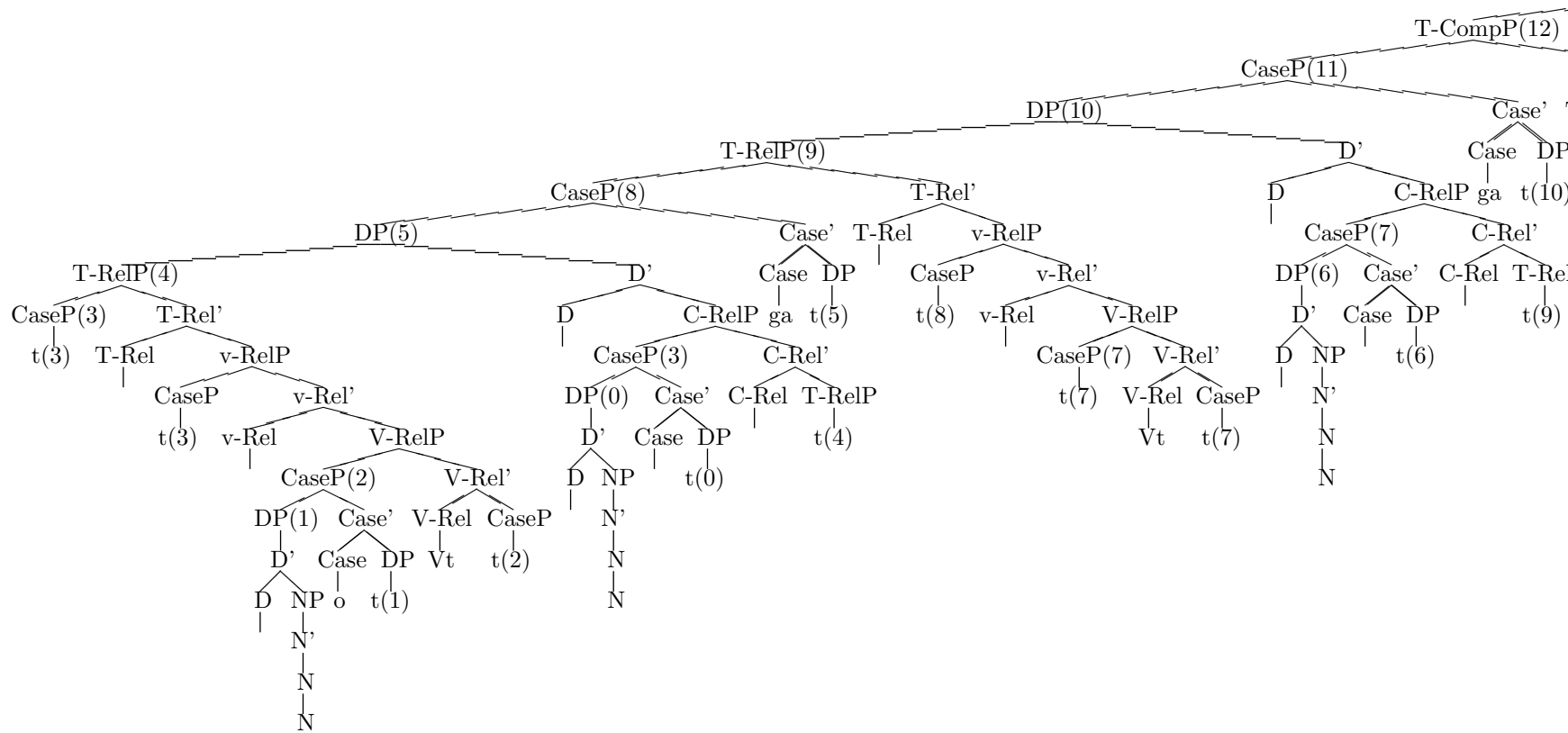
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25. 0.000976585514146



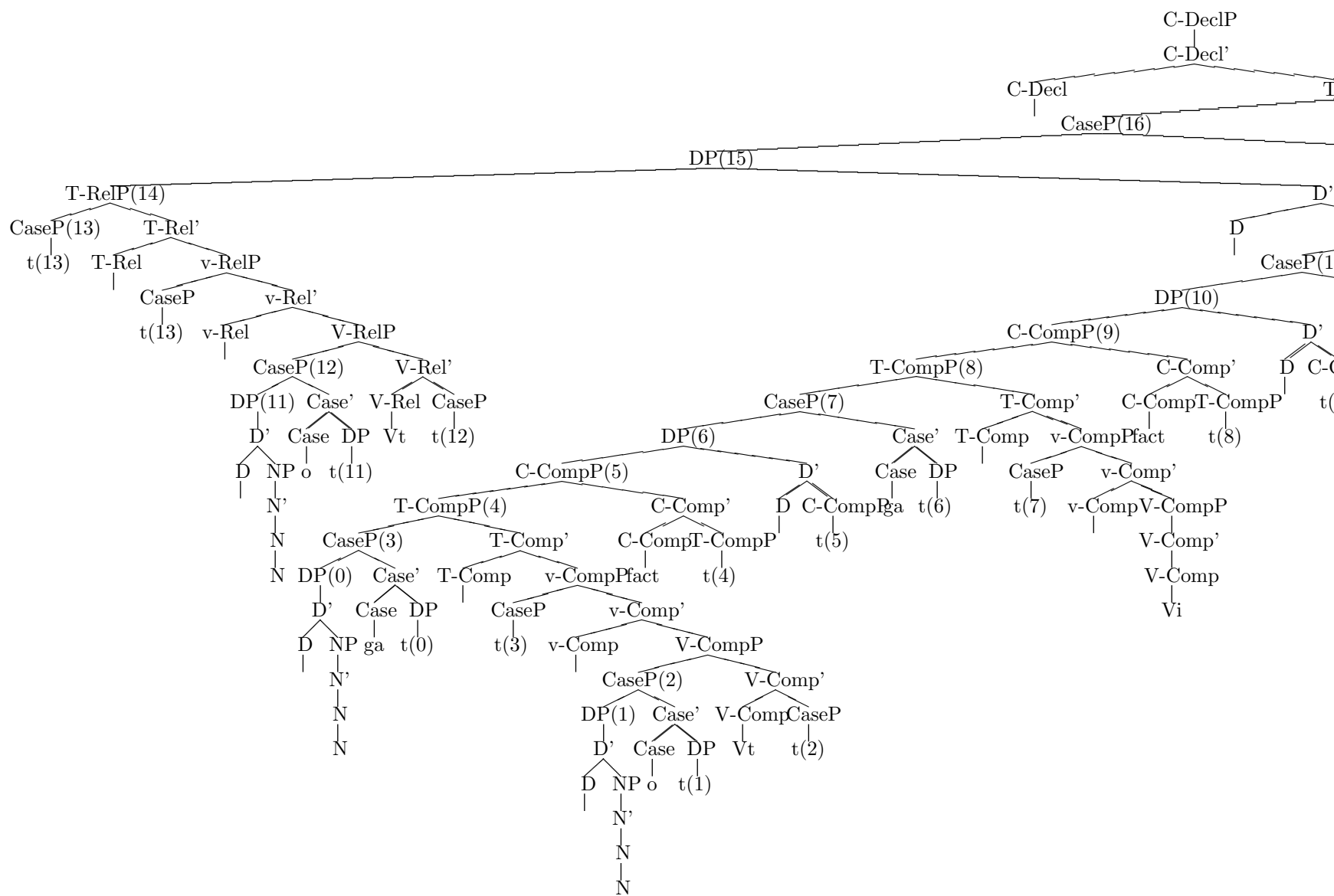
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26. 0.000525231723495





27. 0.000481012778926

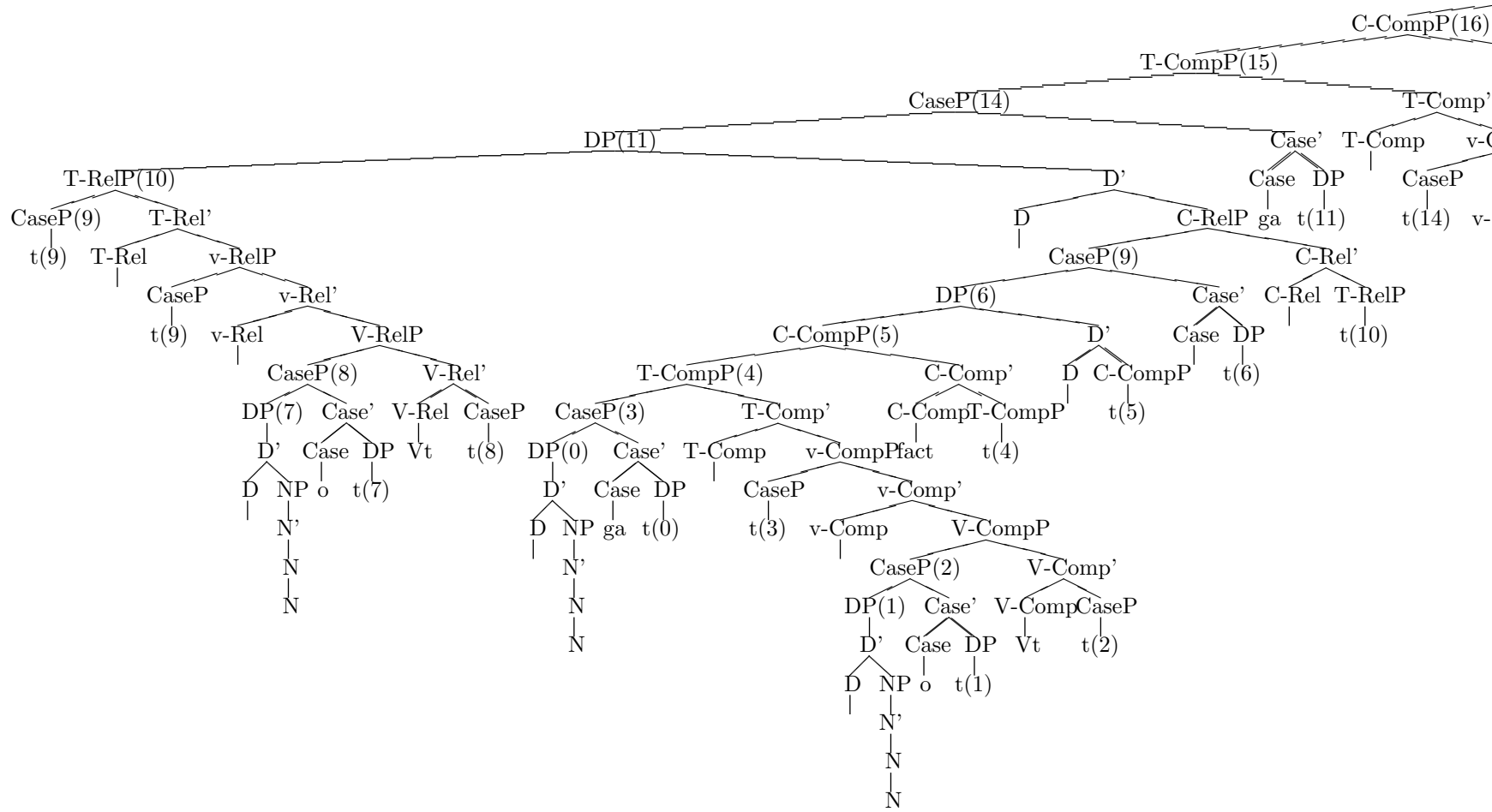






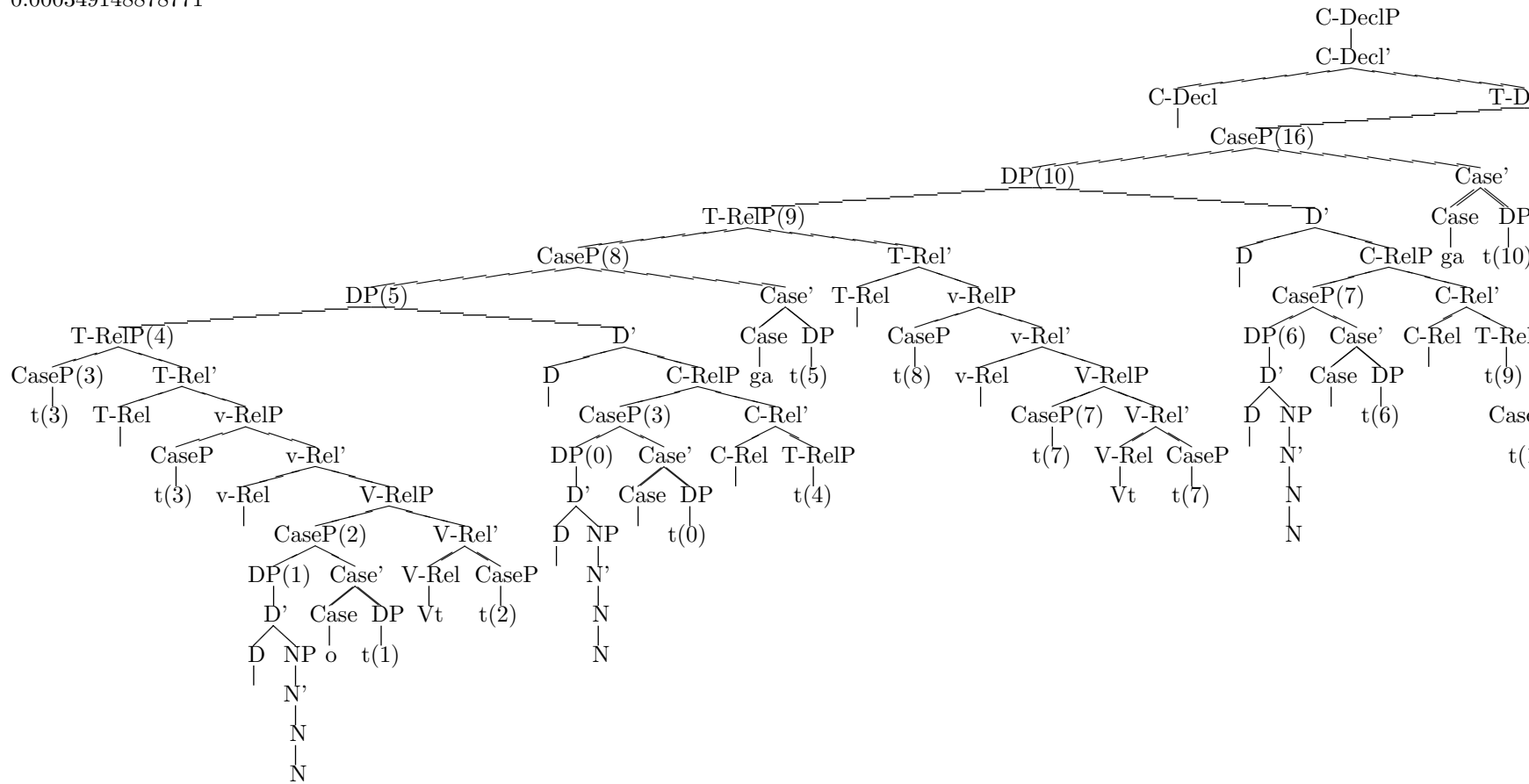
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30. 0.000390720473987



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31. 0.000349148878771




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32. 0.000349112850182





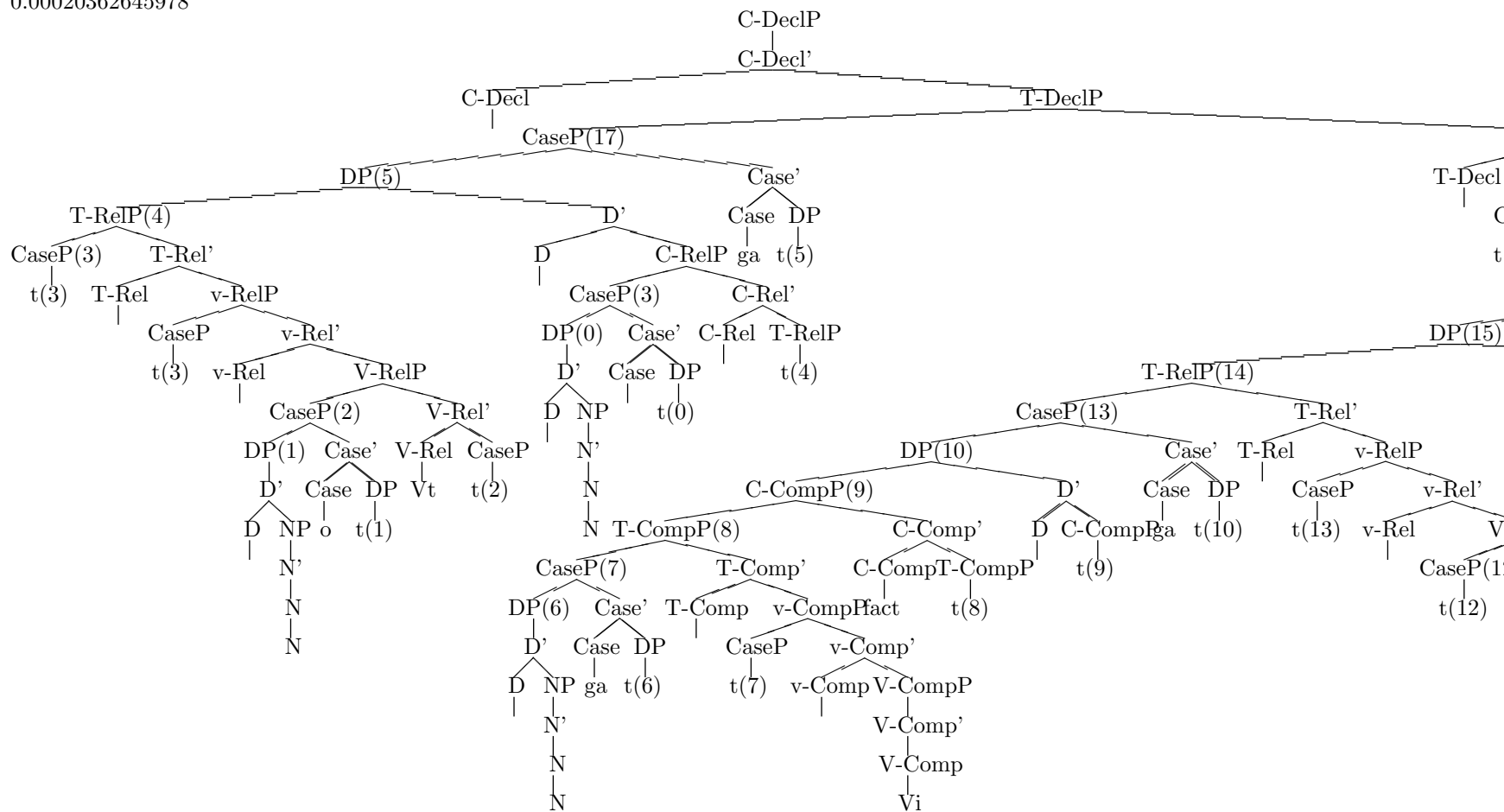
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33. 0.000261650547308





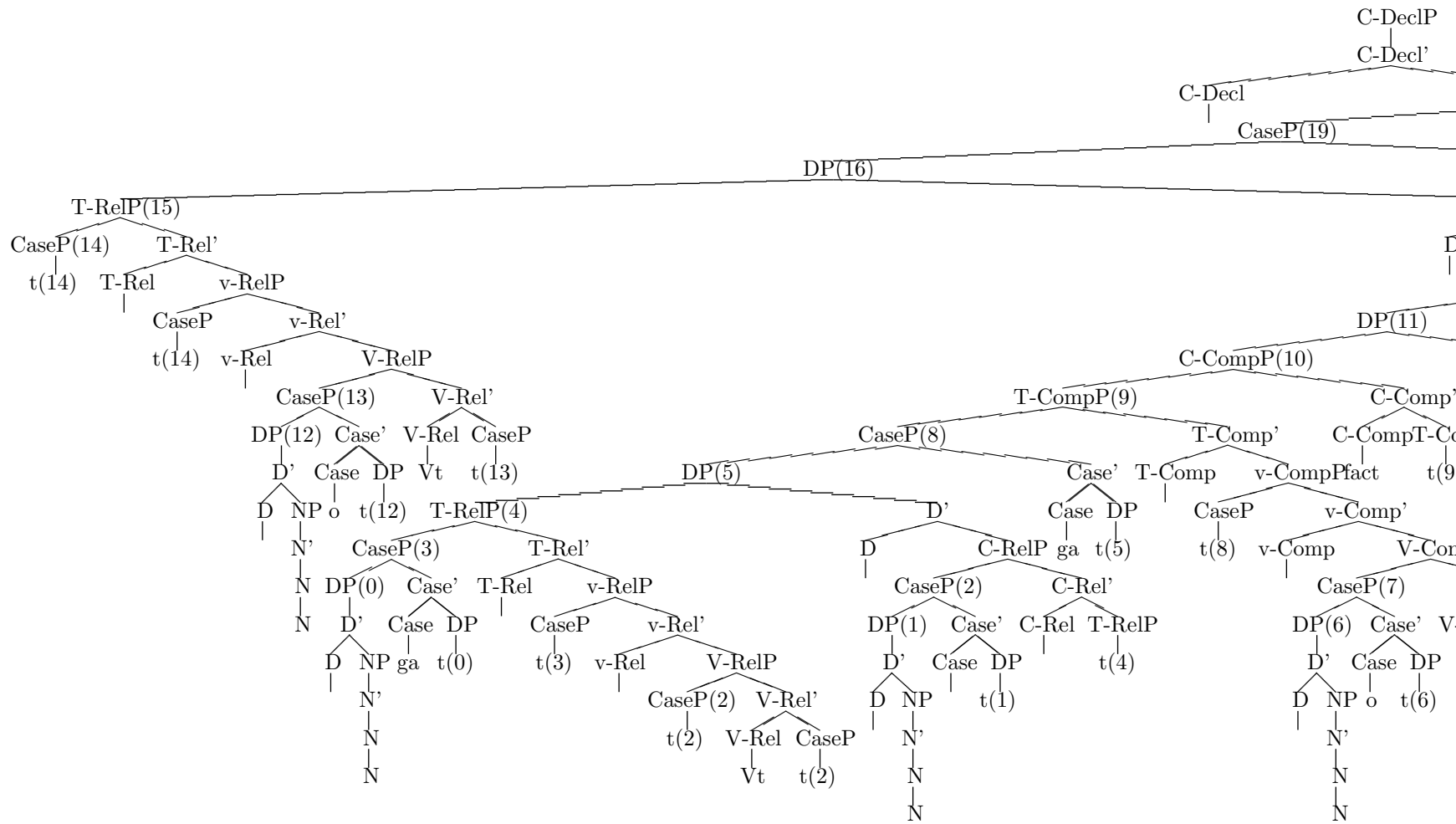
35. 0.00020362645978



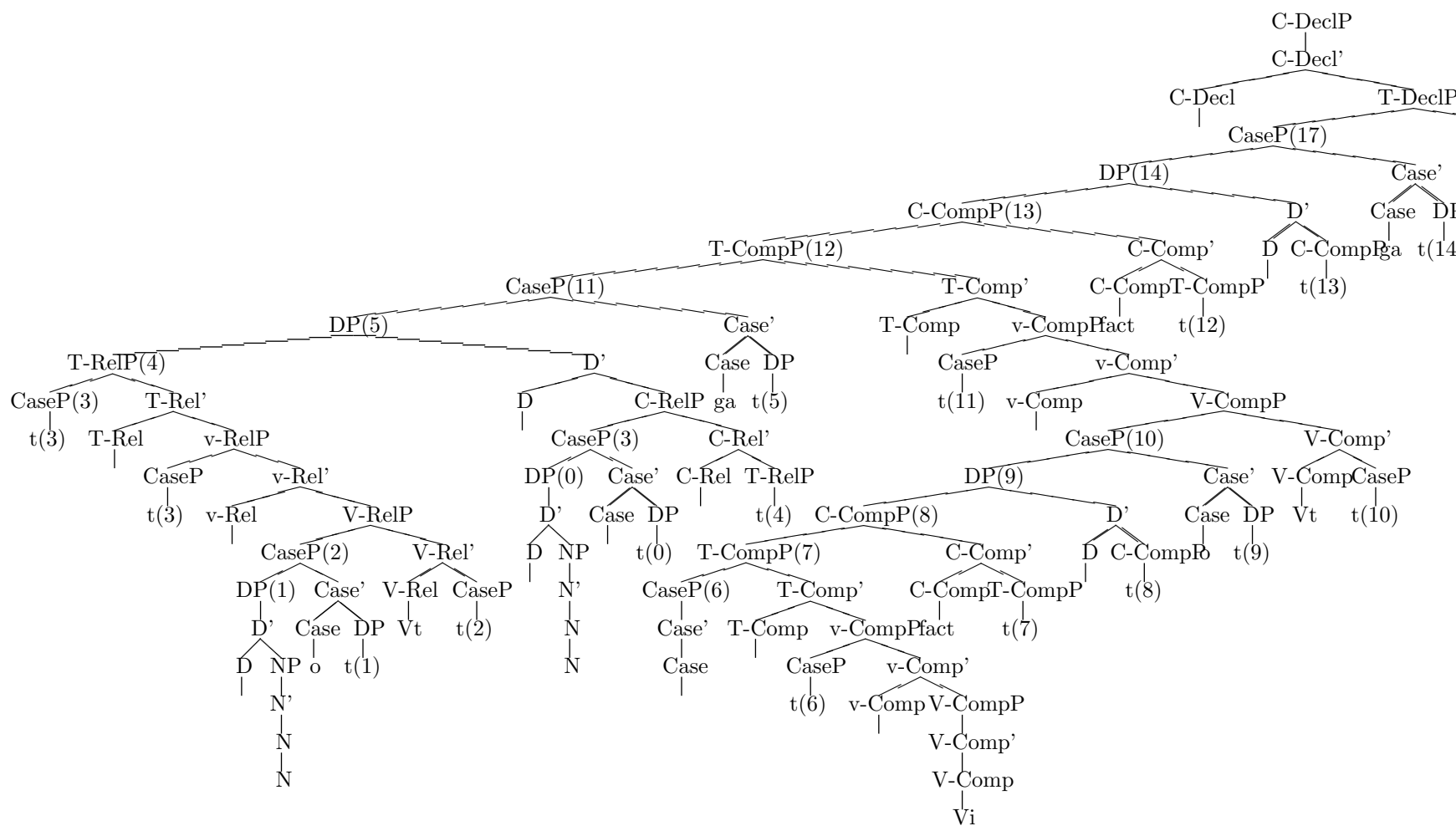
36. 0.000180608464536







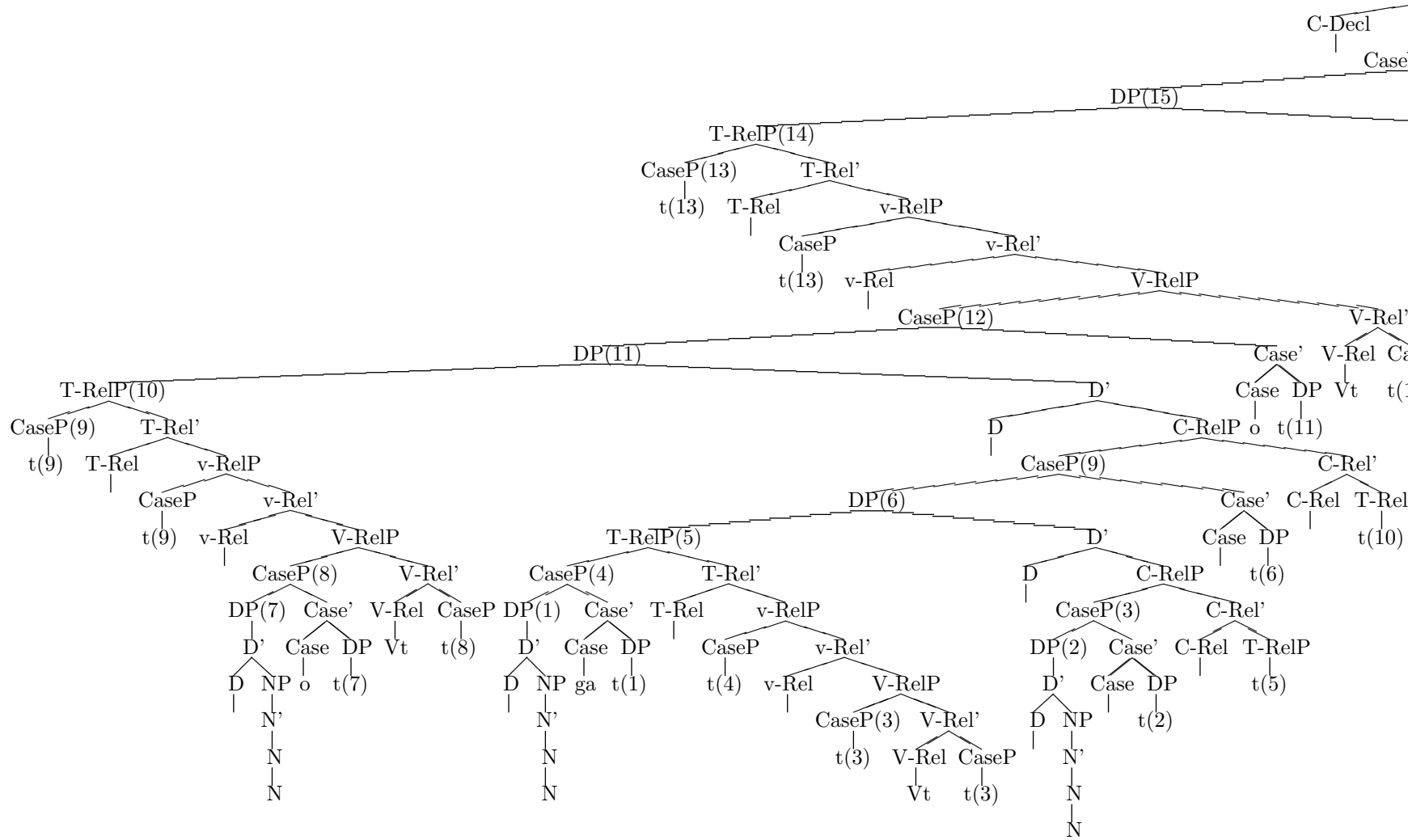
39. 0.000152596722737



40. 0.000145358476279







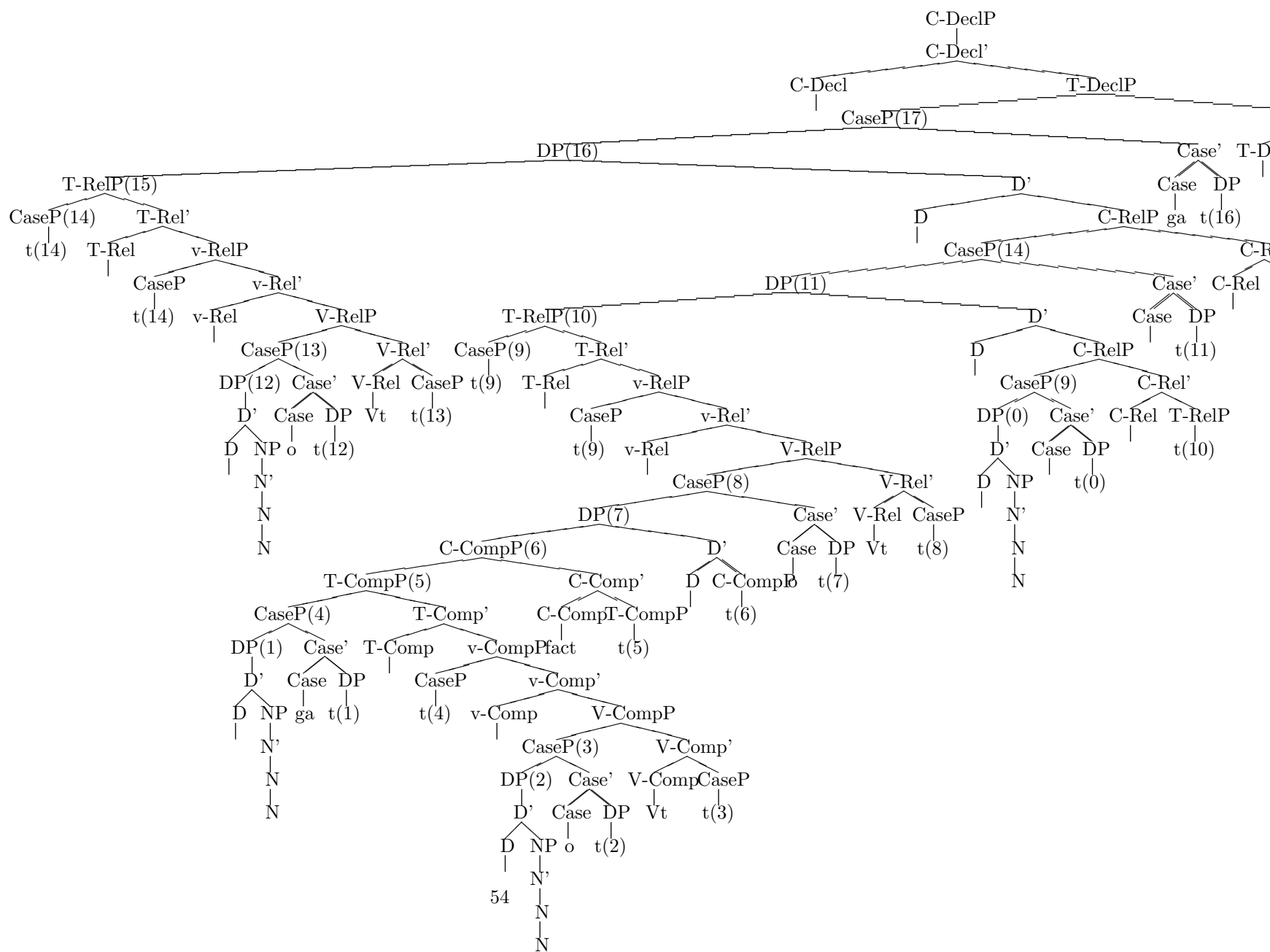
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42. 0.000133120833125



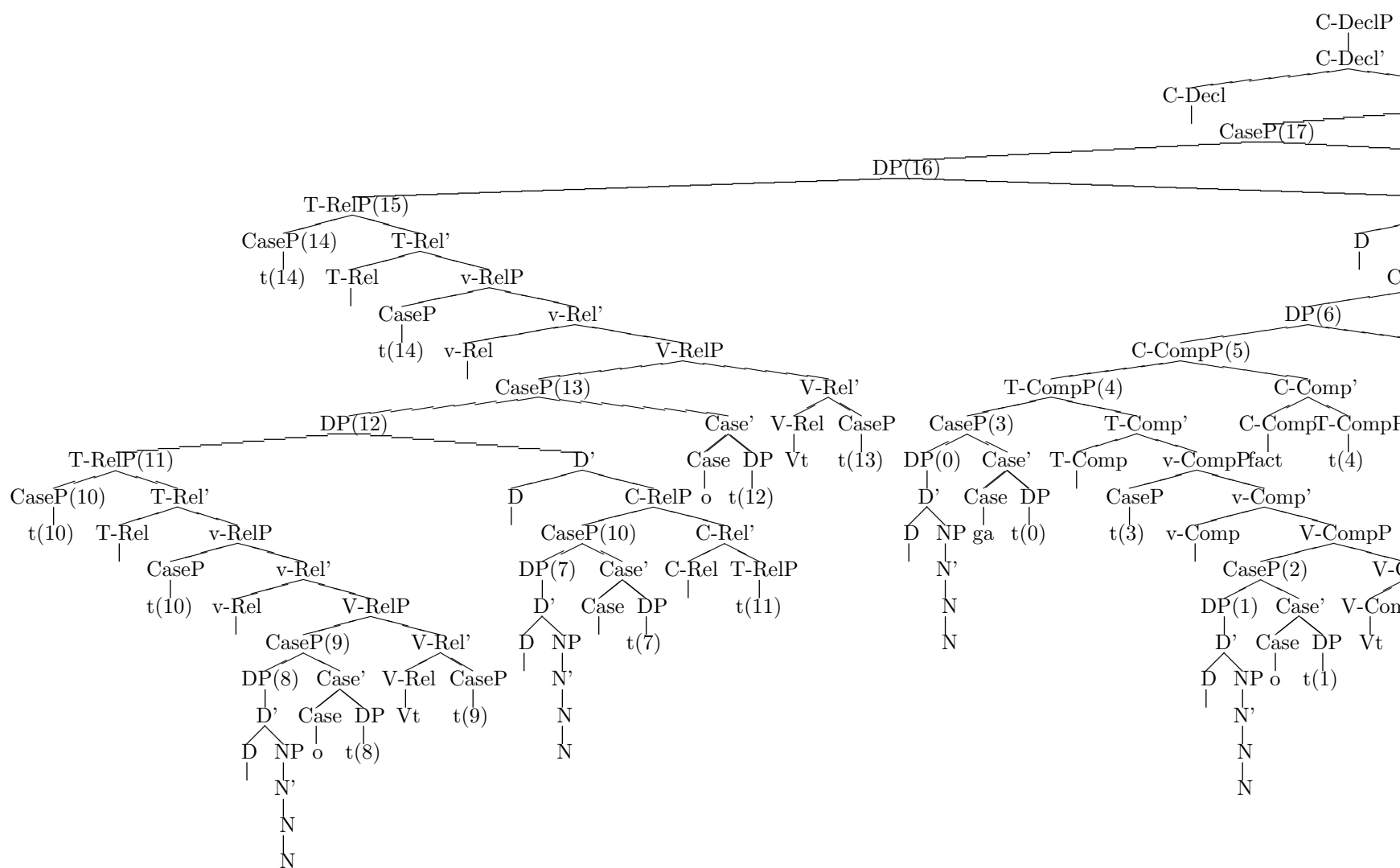
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43. 0.000132670050577



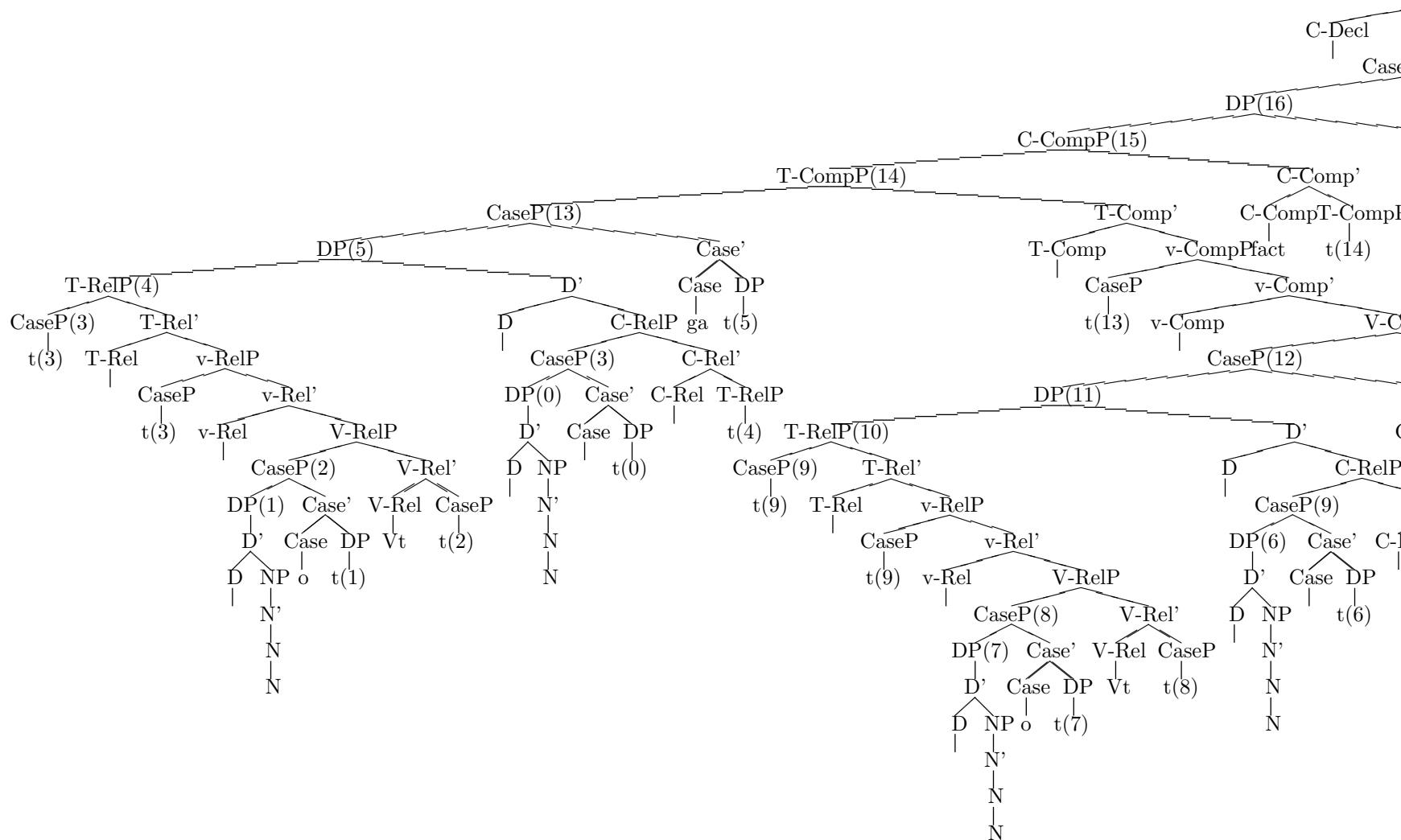
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44. 0.000132670050577





45. 0.000132670050577



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46. 0.000123952348979



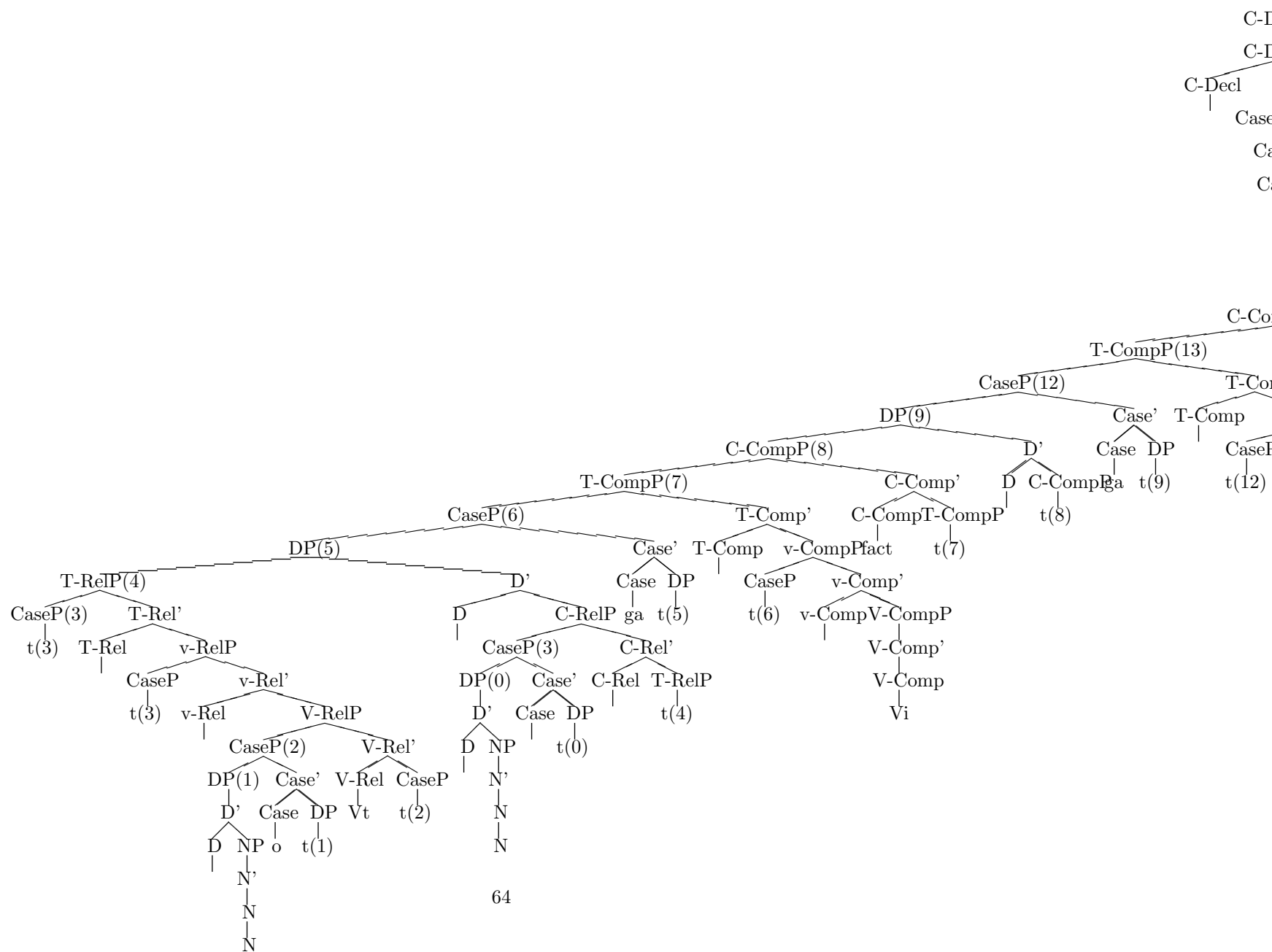


48.  $5.16094568544\text{e-}5$



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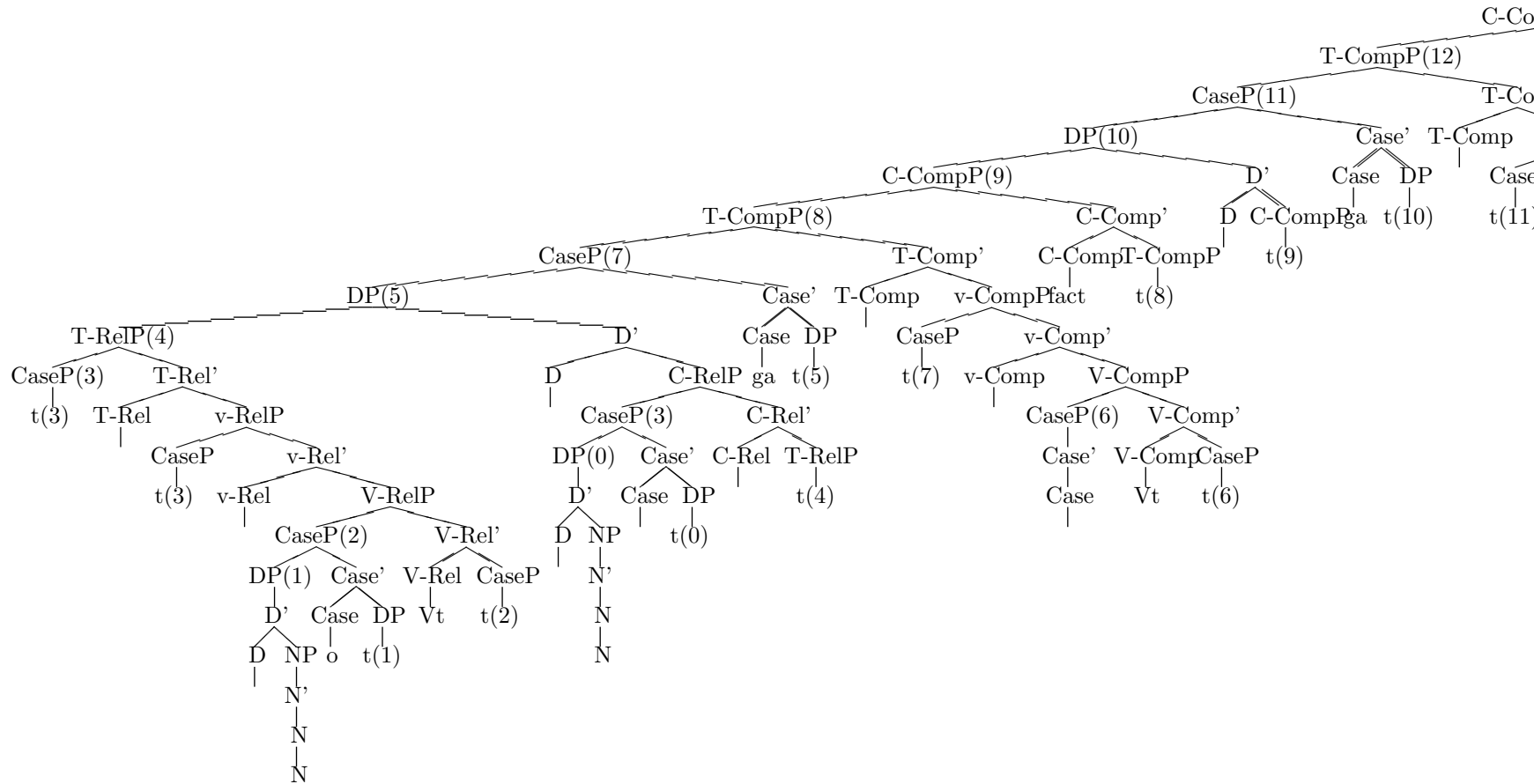
49.  $4.4729147694\text{e-}5$





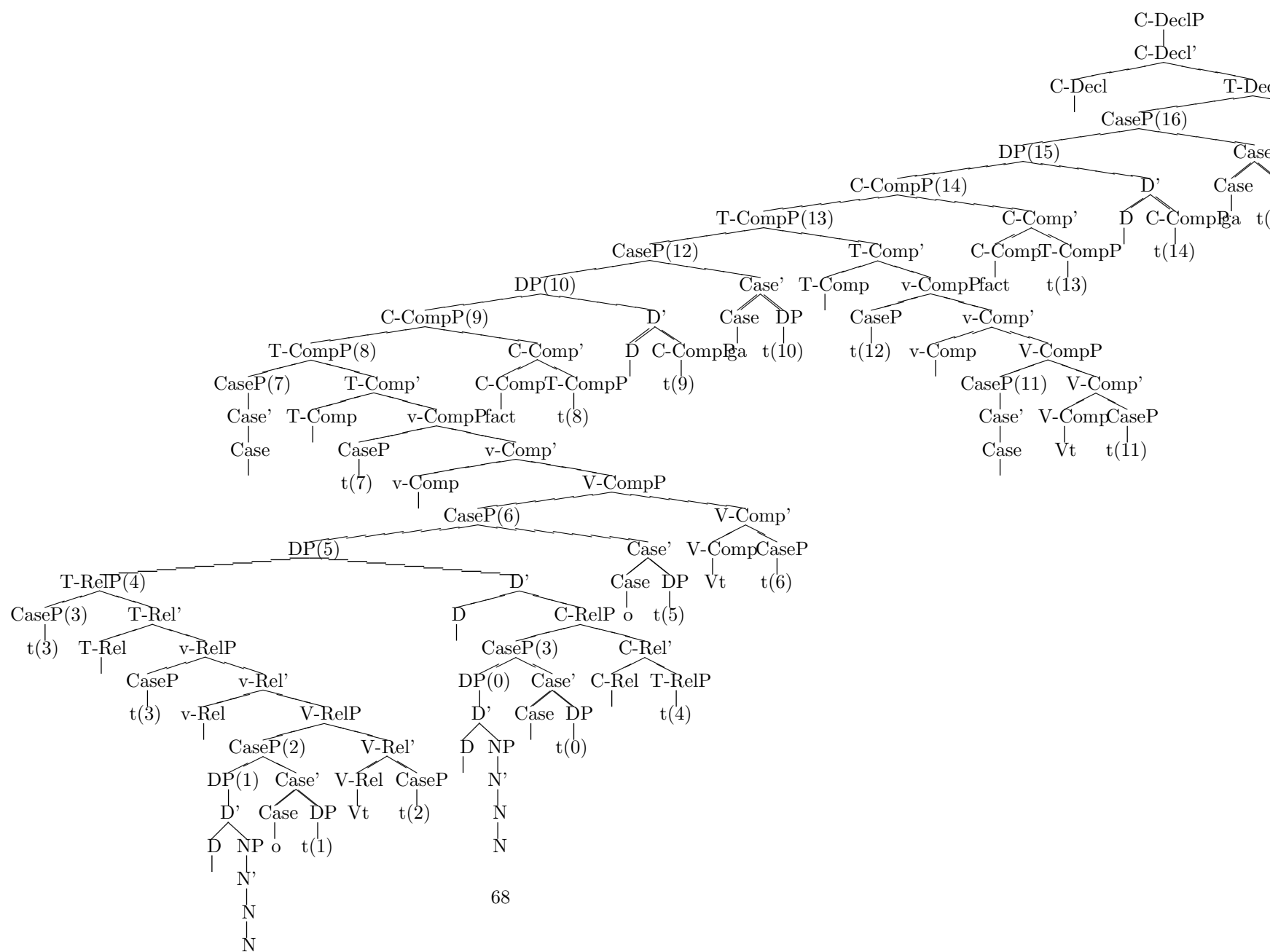
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50.  $4.25110089663\text{e-}5$



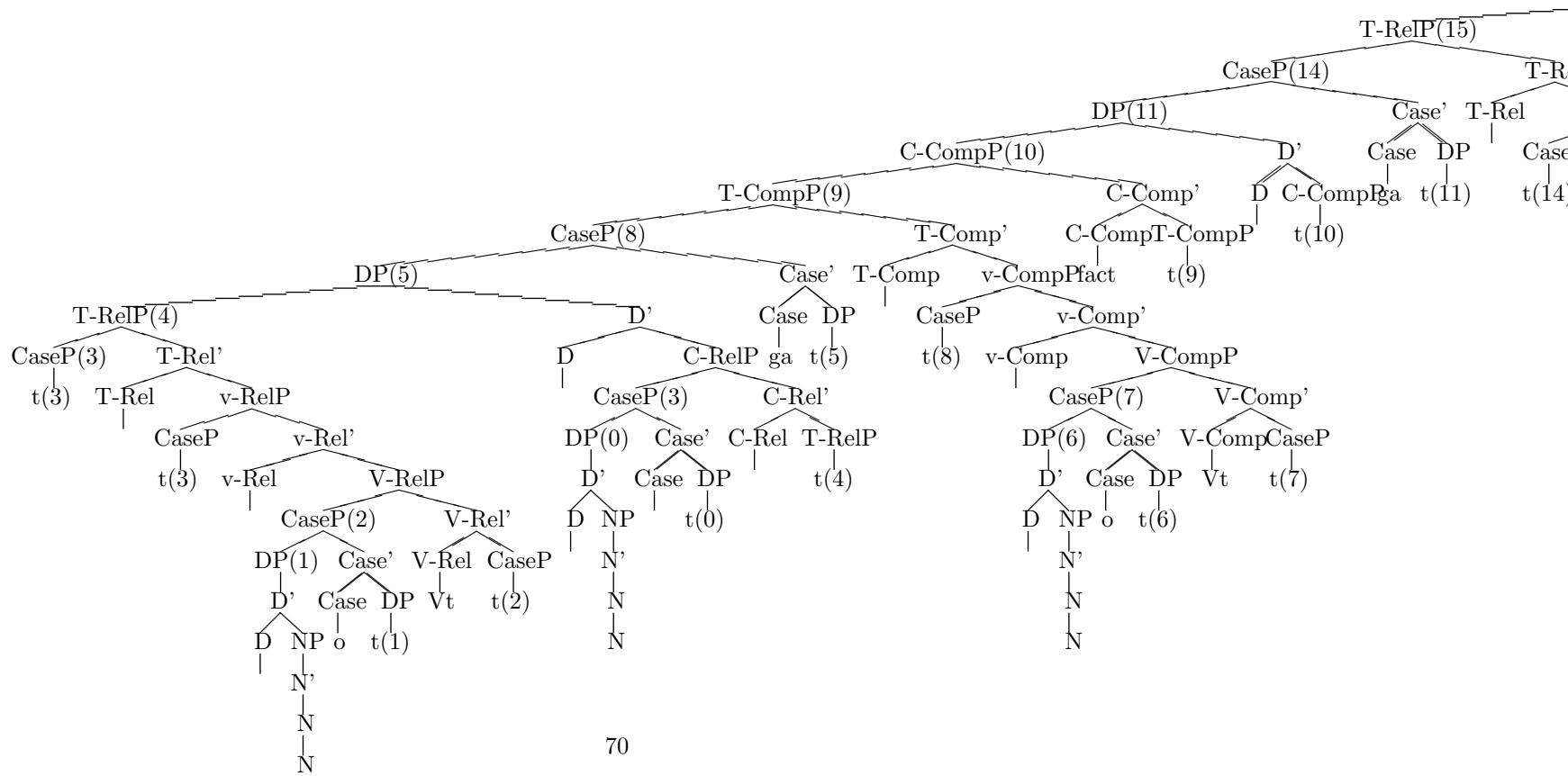
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51.  $2.82563654107\text{e-}5$



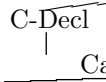
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52.  $1.59899158972\text{e-}5$



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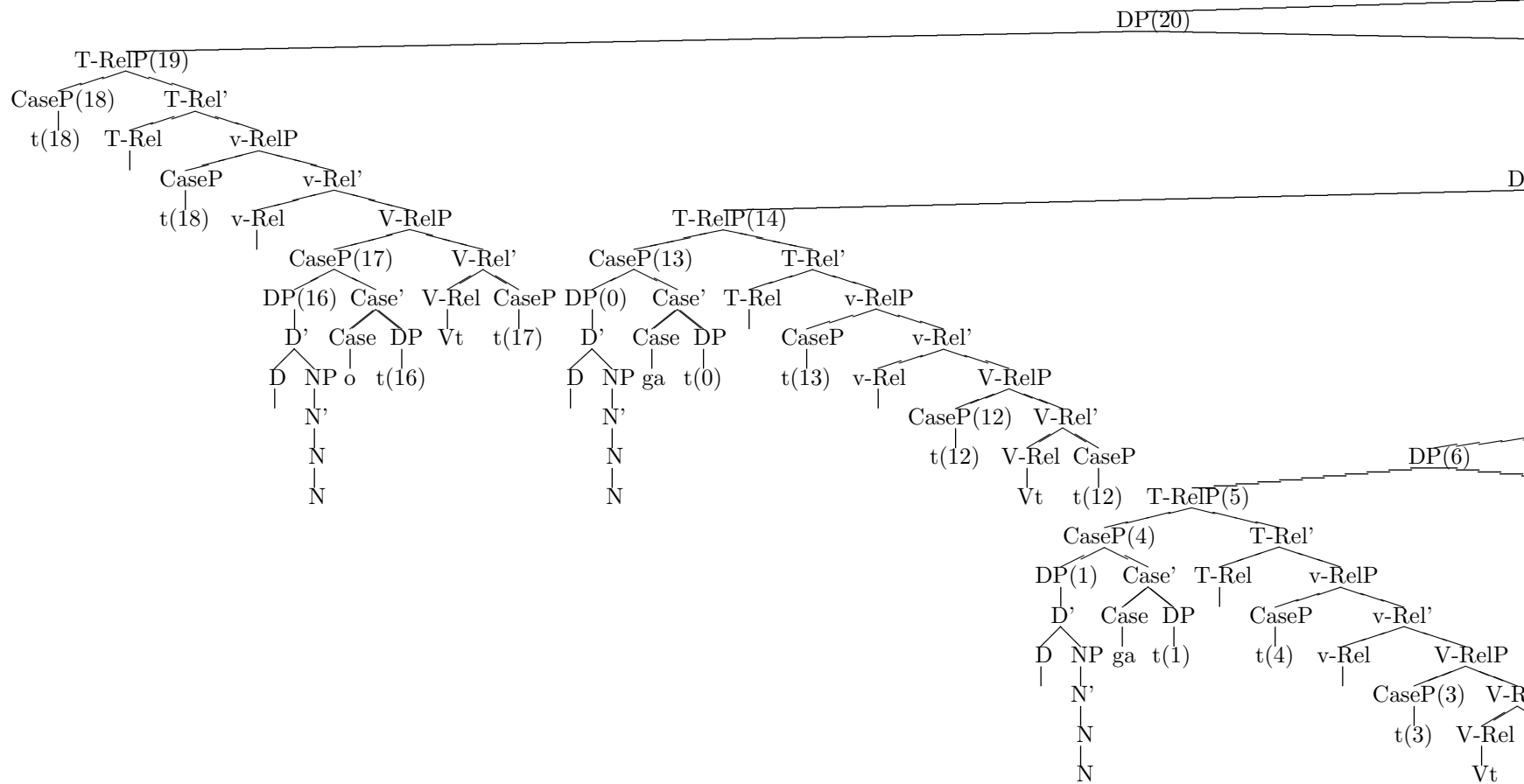
53.  $1.59899158972\text{e-}5$





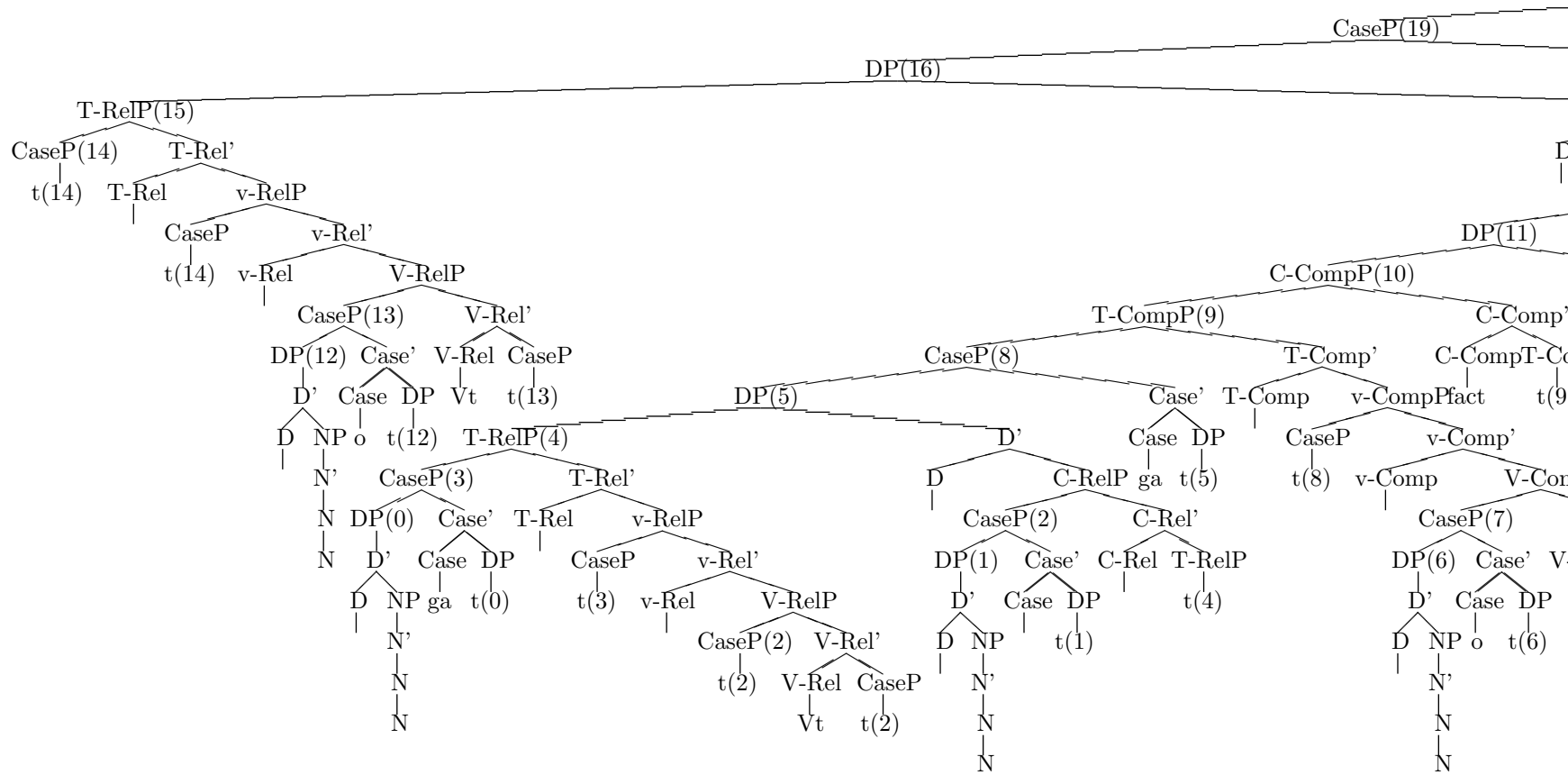
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54.  $1.54861836075\text{e-}5$



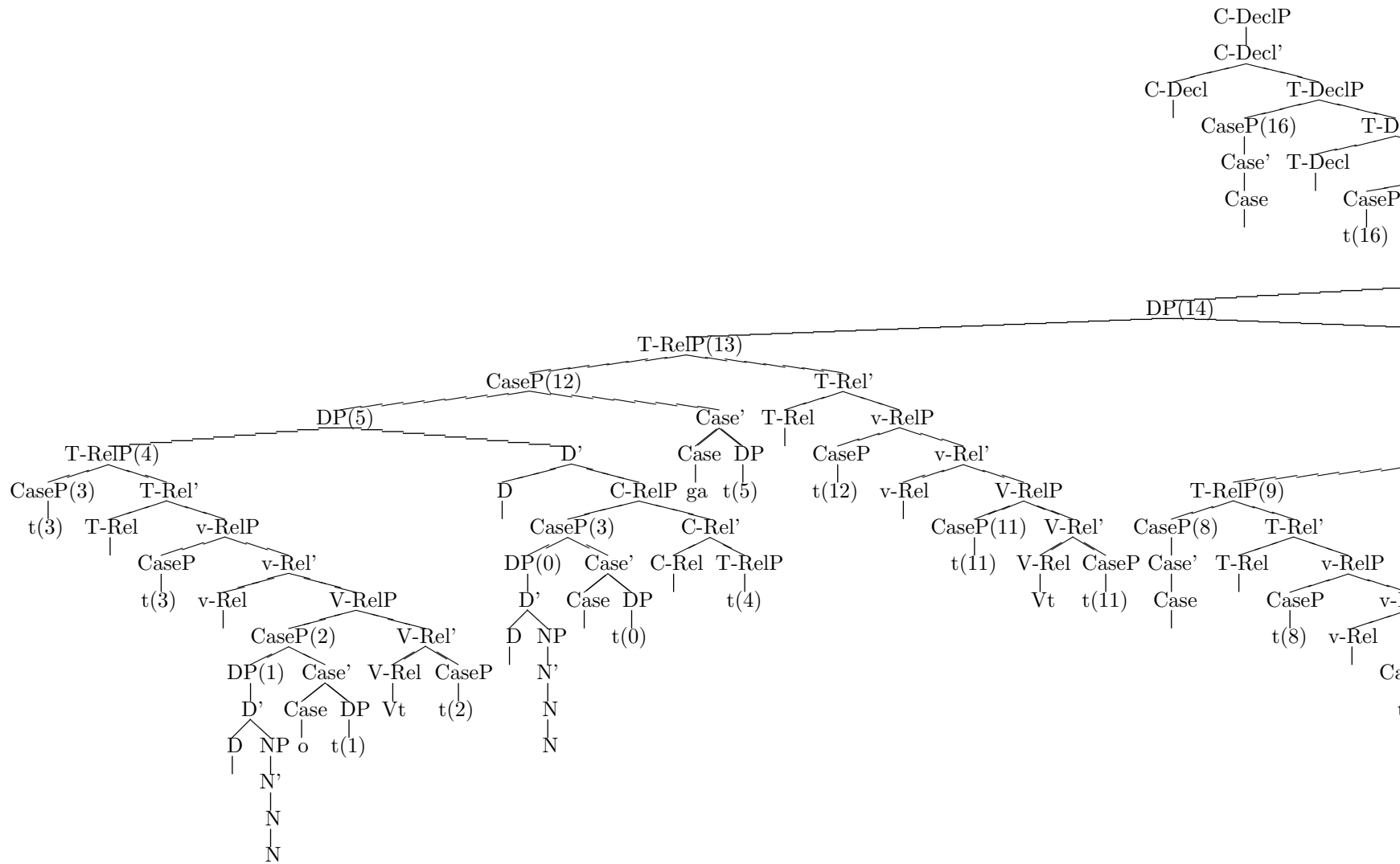
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55.  $1.41824110746\text{e-}5$

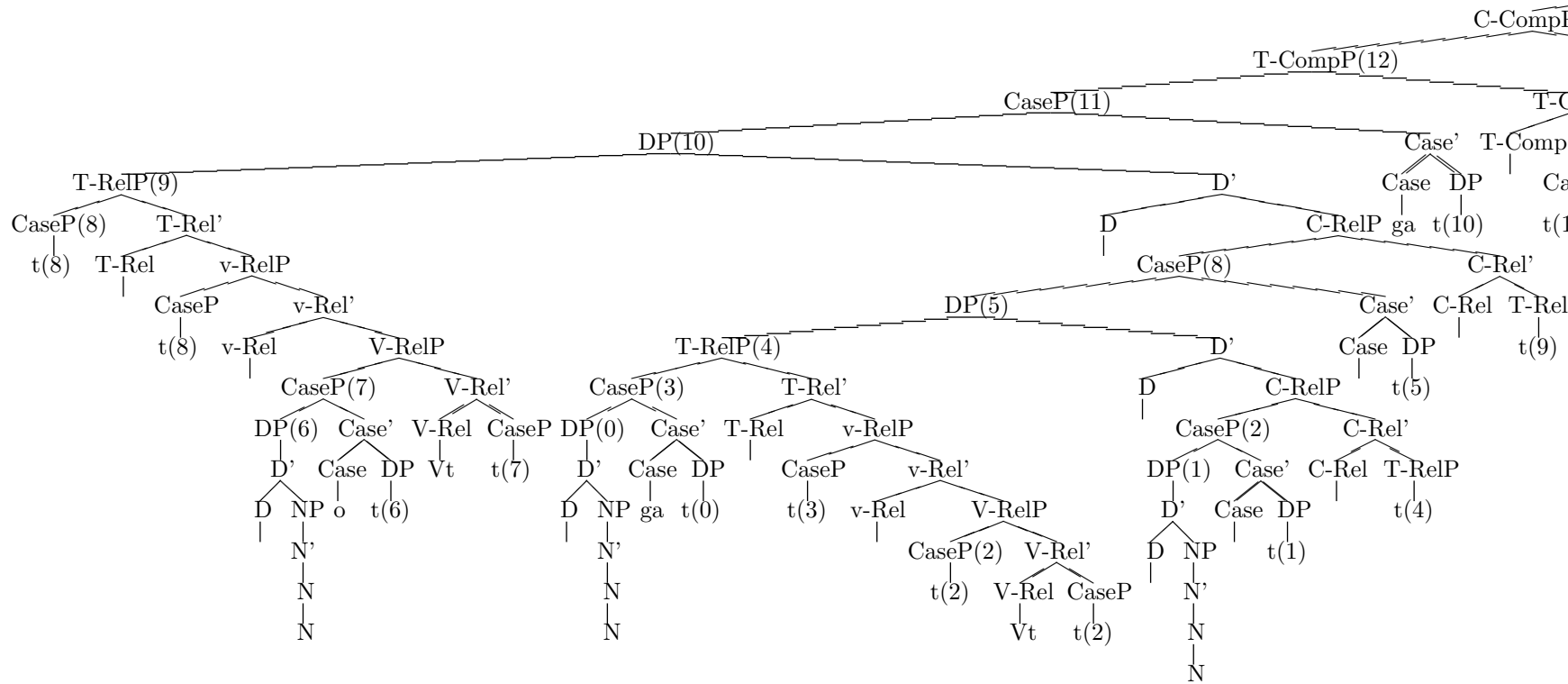


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56.  $1.3516815018\text{e-}5$



57. 1.30856809474e-5



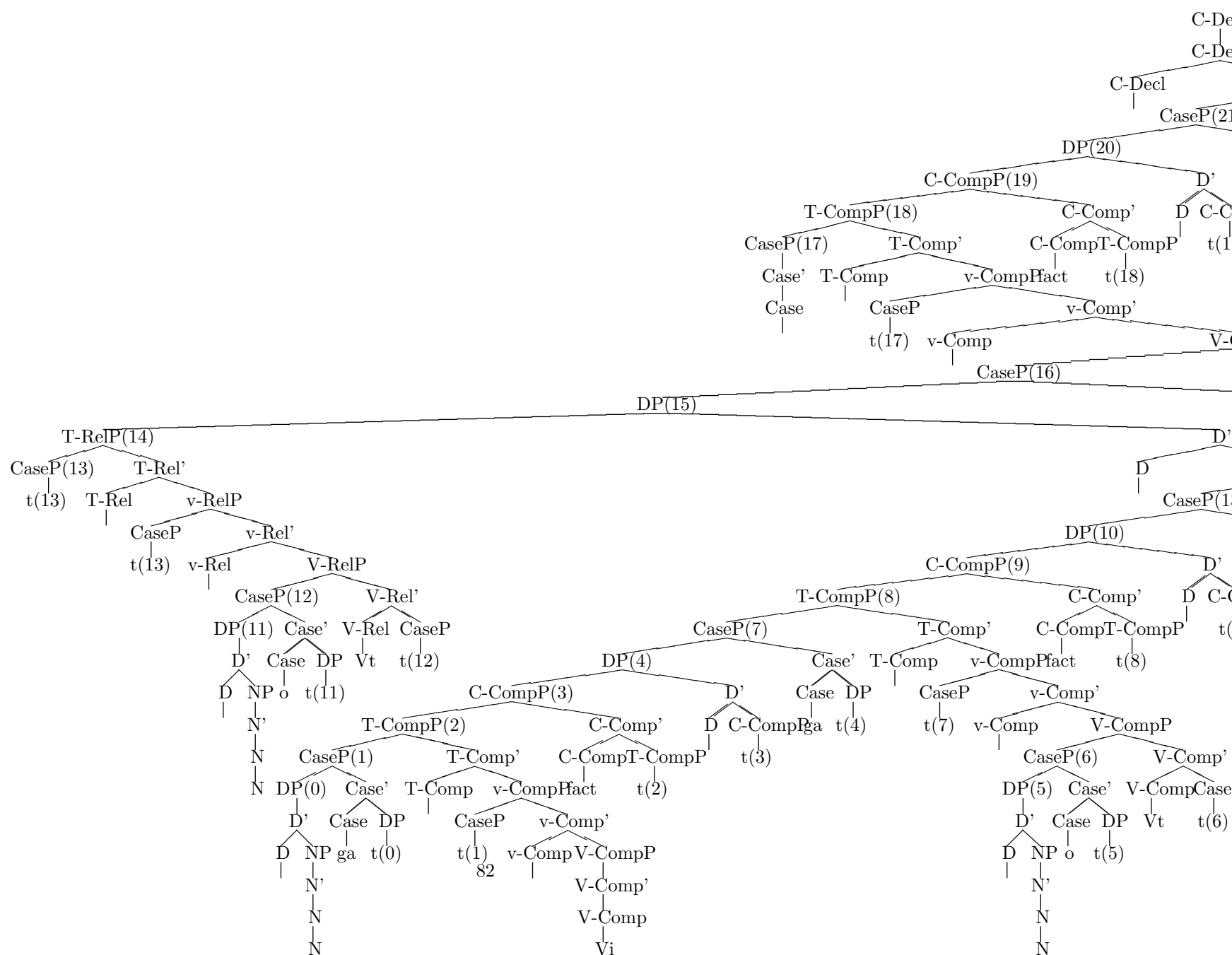
58. 1.30856809474e-5





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59.  $1.19827686706\text{e-}5$



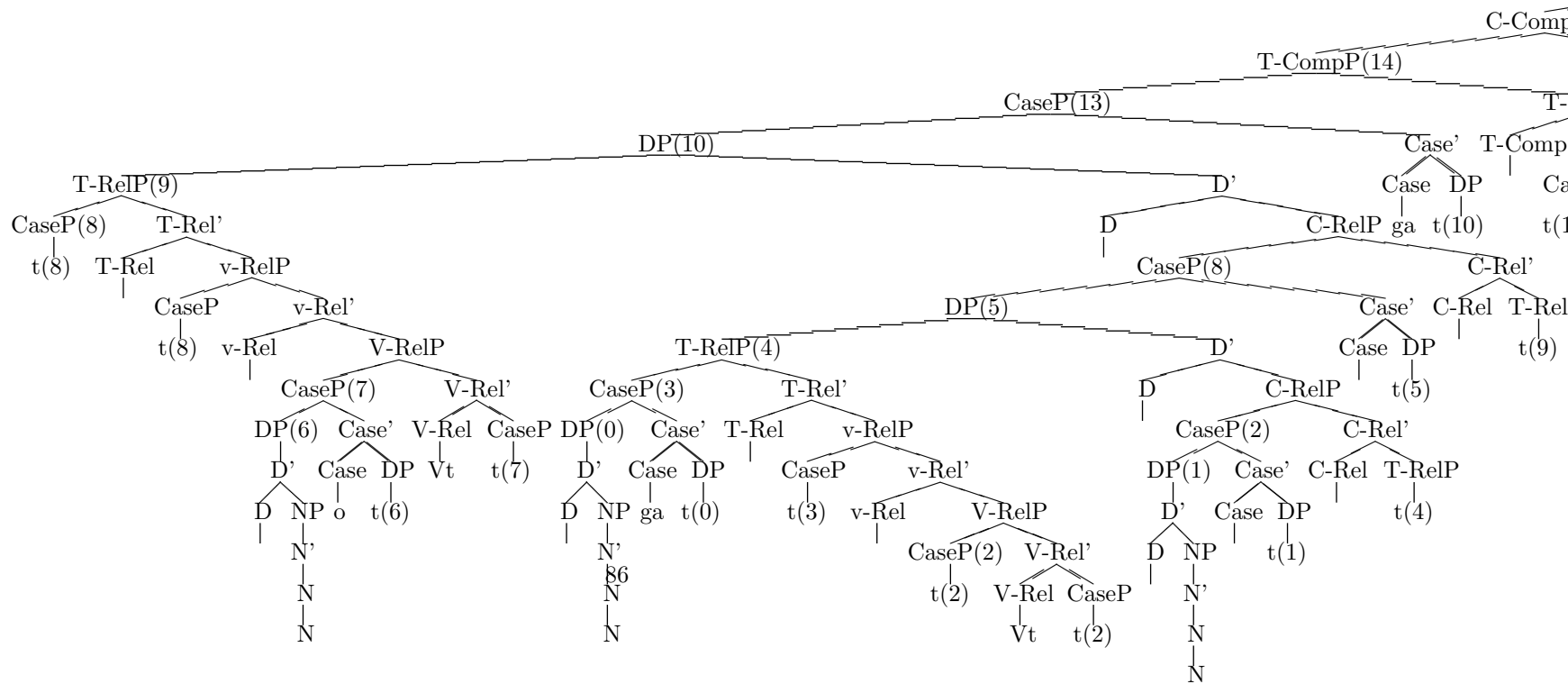
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60.  $1.06293297937\text{e-}5$



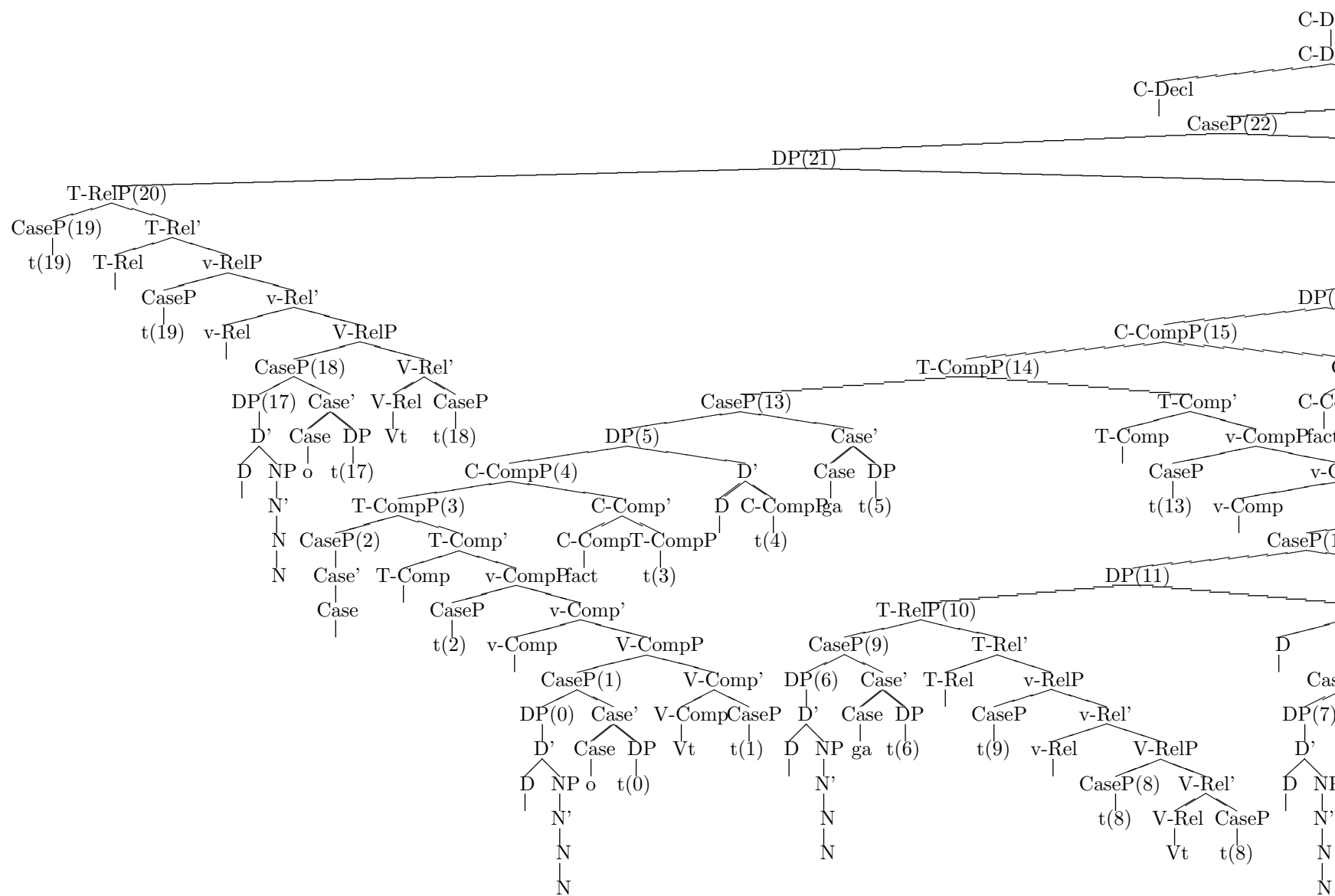
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61.  $1.06282329558\text{e-}5$



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62.  $1.06282329558\text{e-}5$





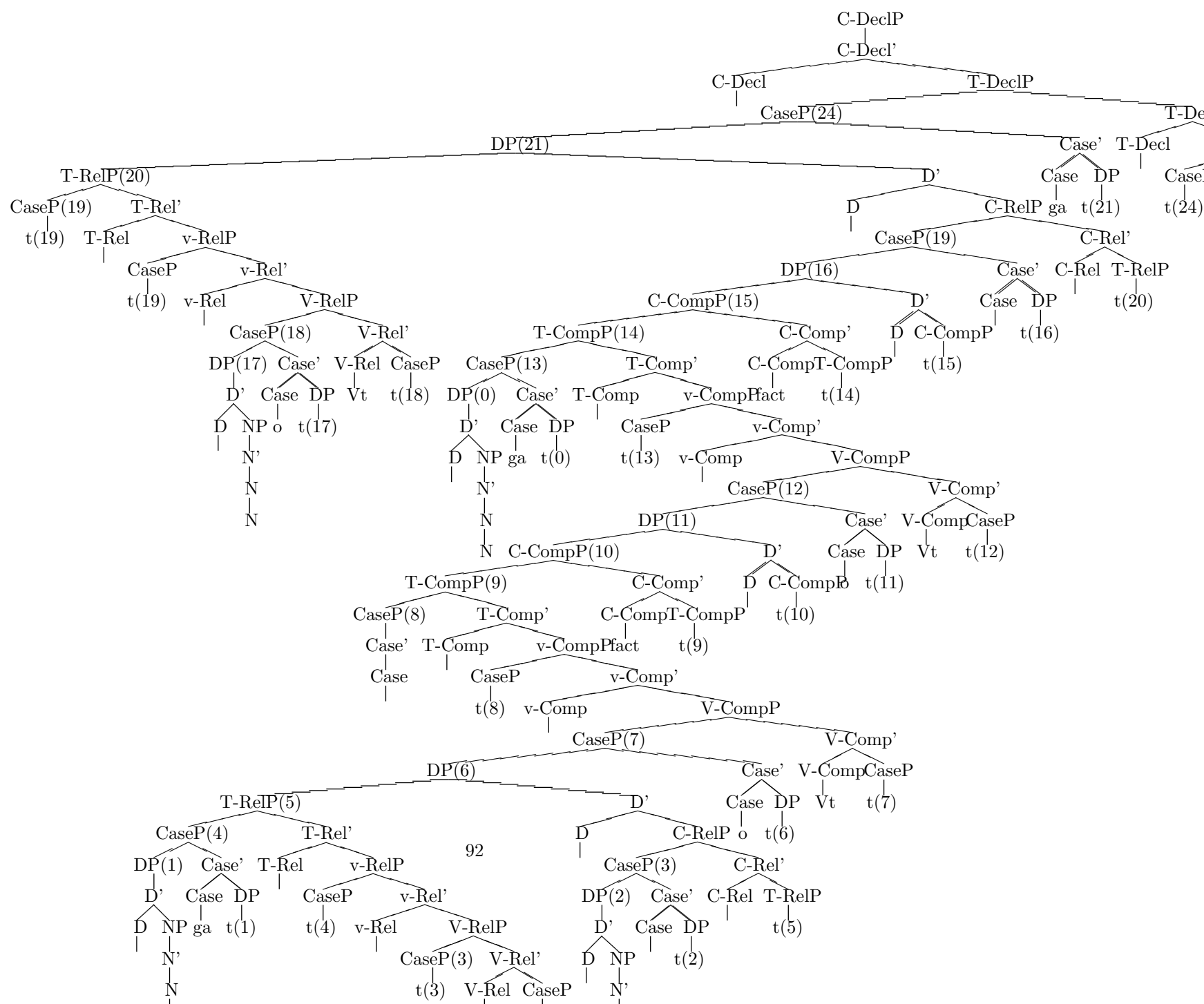
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63. 4.64558527905e-6



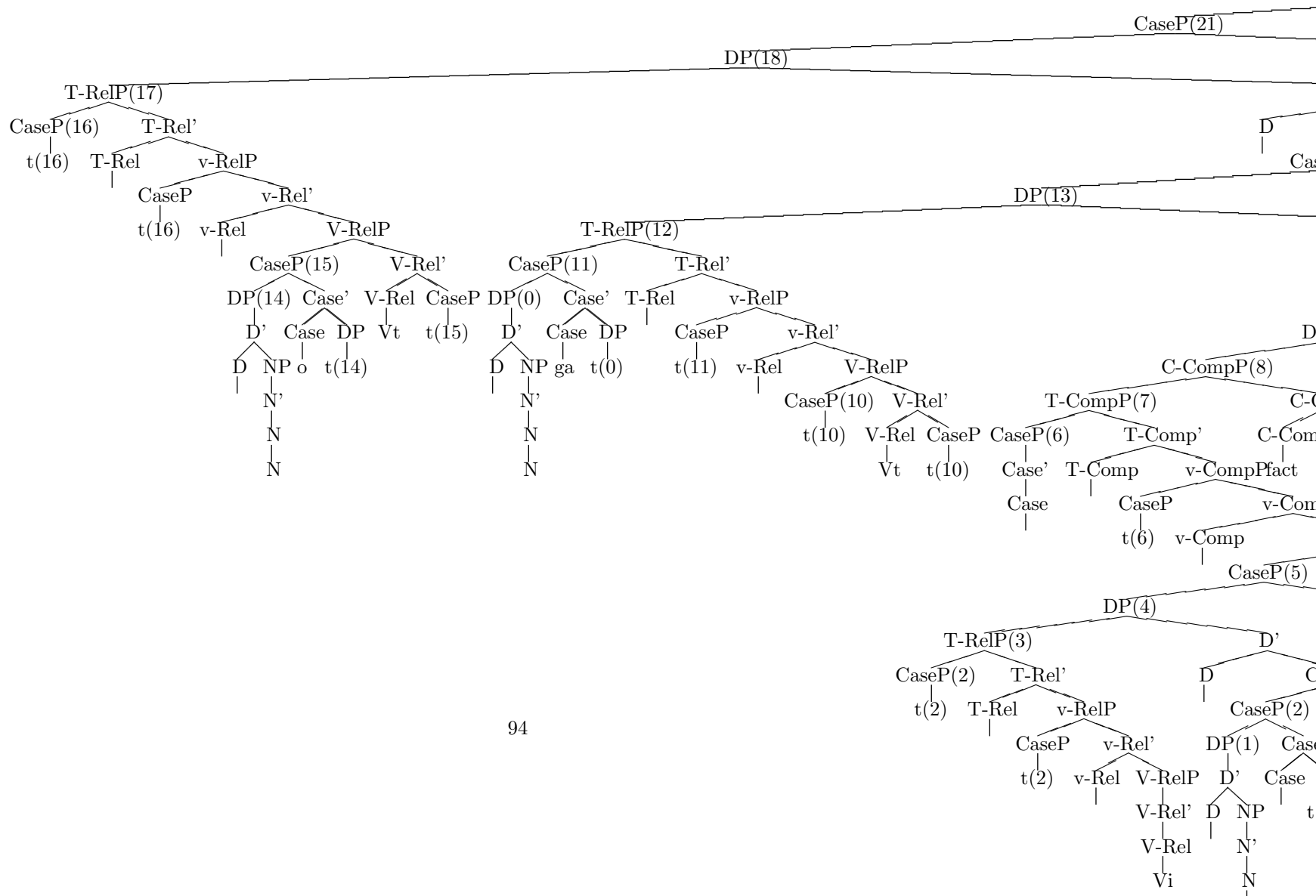
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64. 4.120446945e-6



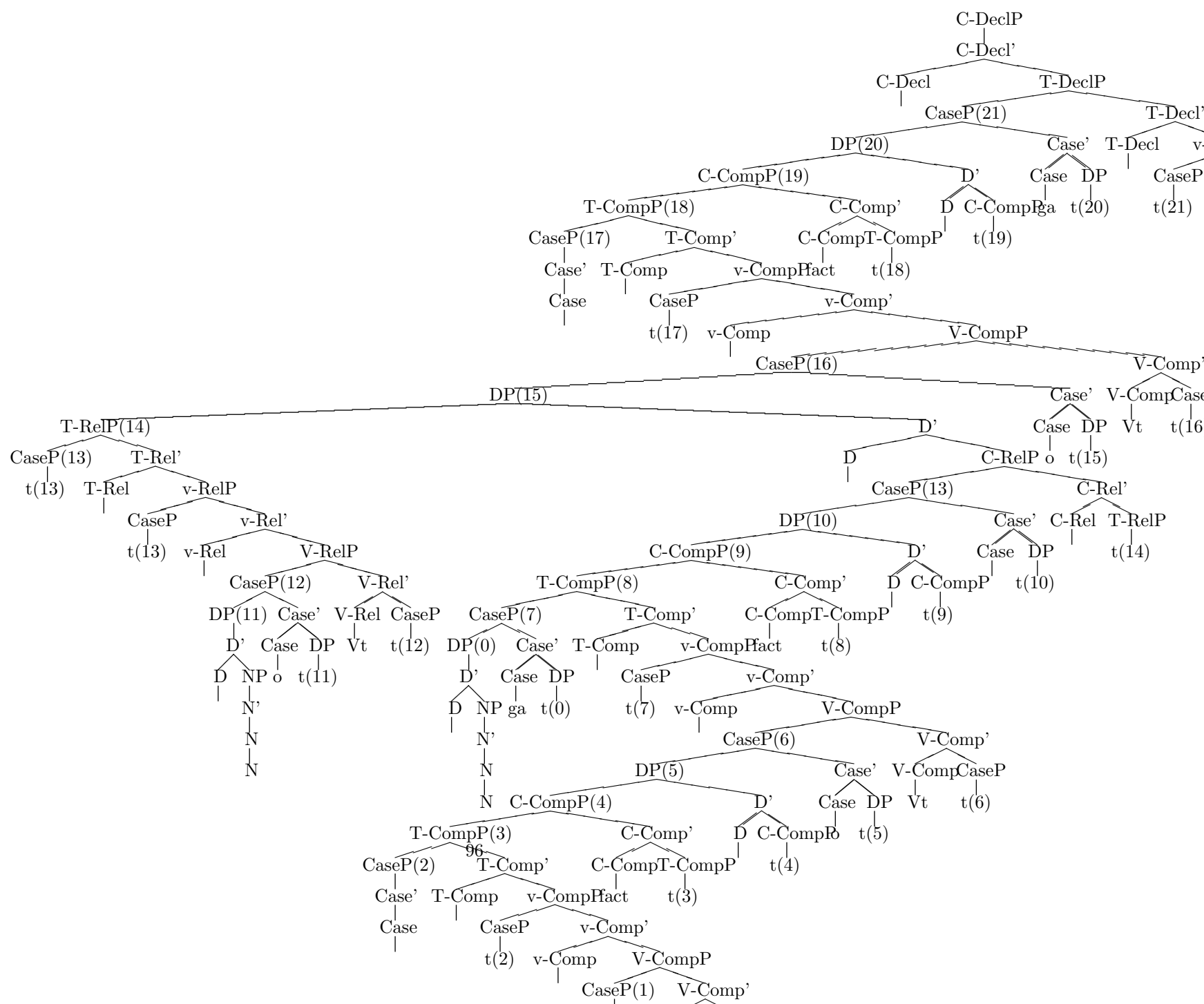
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65.  $7.45791649445\text{e-}7$



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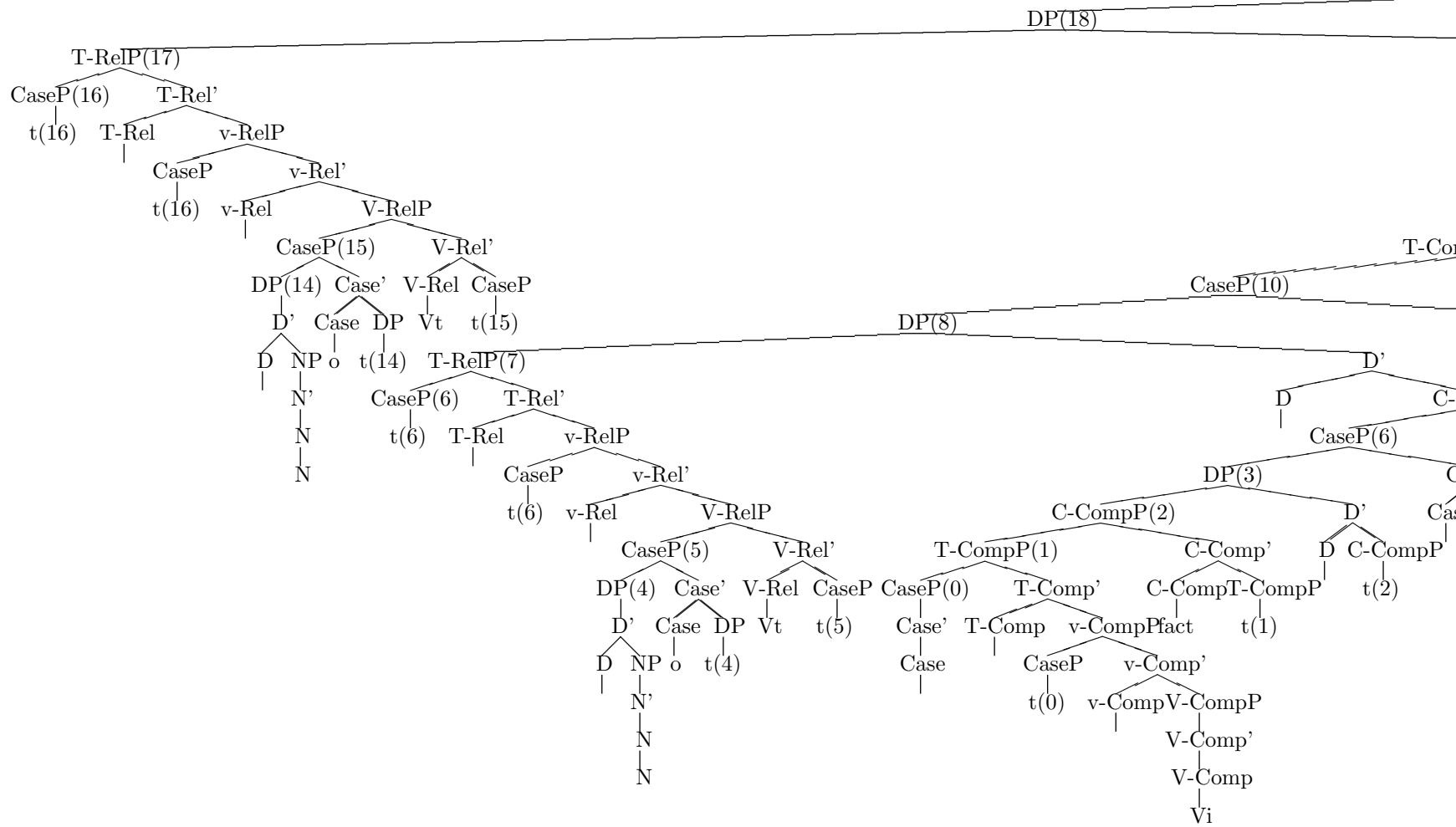
66.  $7.03909552974\text{e-}7$





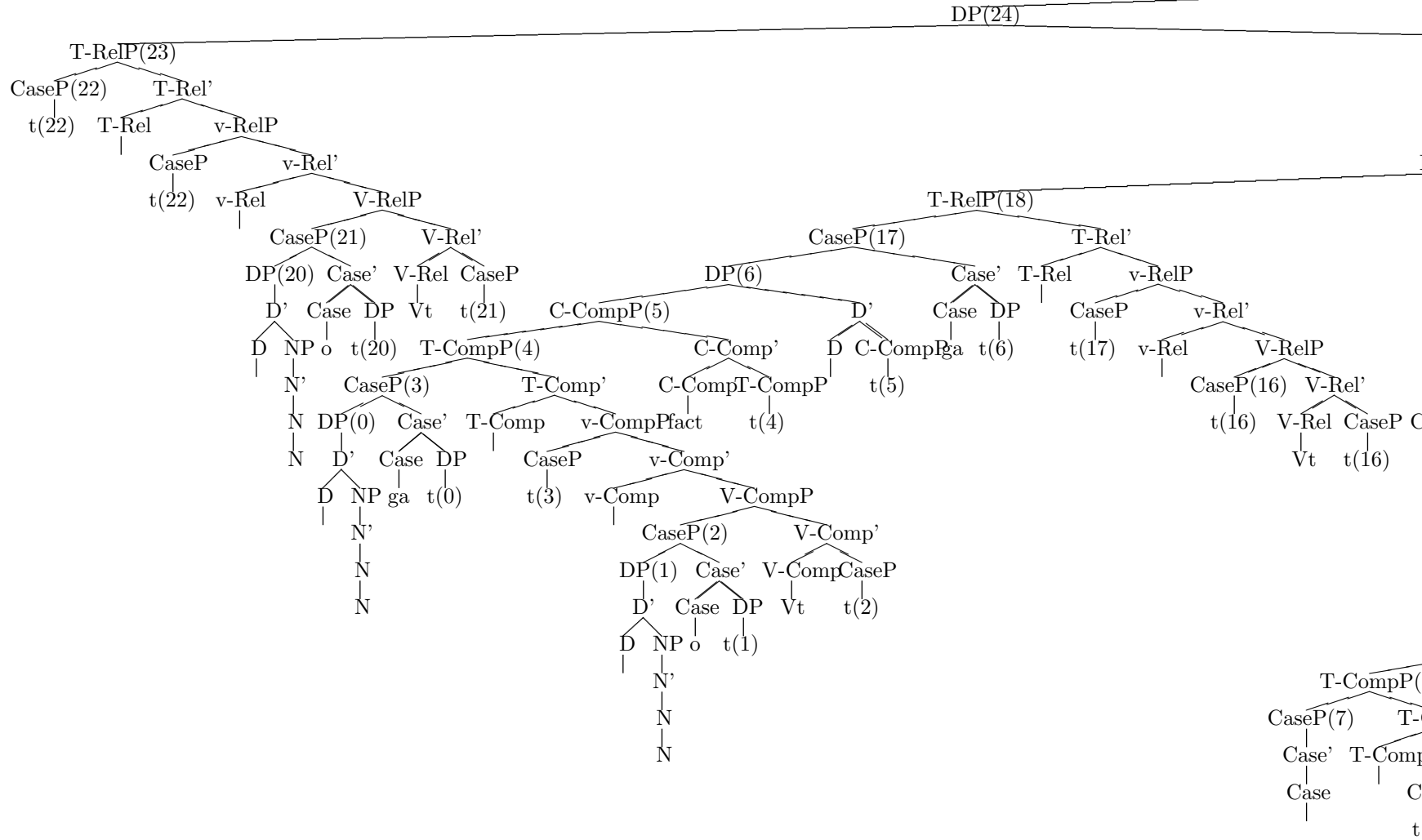
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67. 3.59590905451e-7



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68.  $3.2595081488\text{e-}7$



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69.  $2.09470065759\text{e-}7$

[illegible]

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70.  $1.54429406369\text{e-}7$





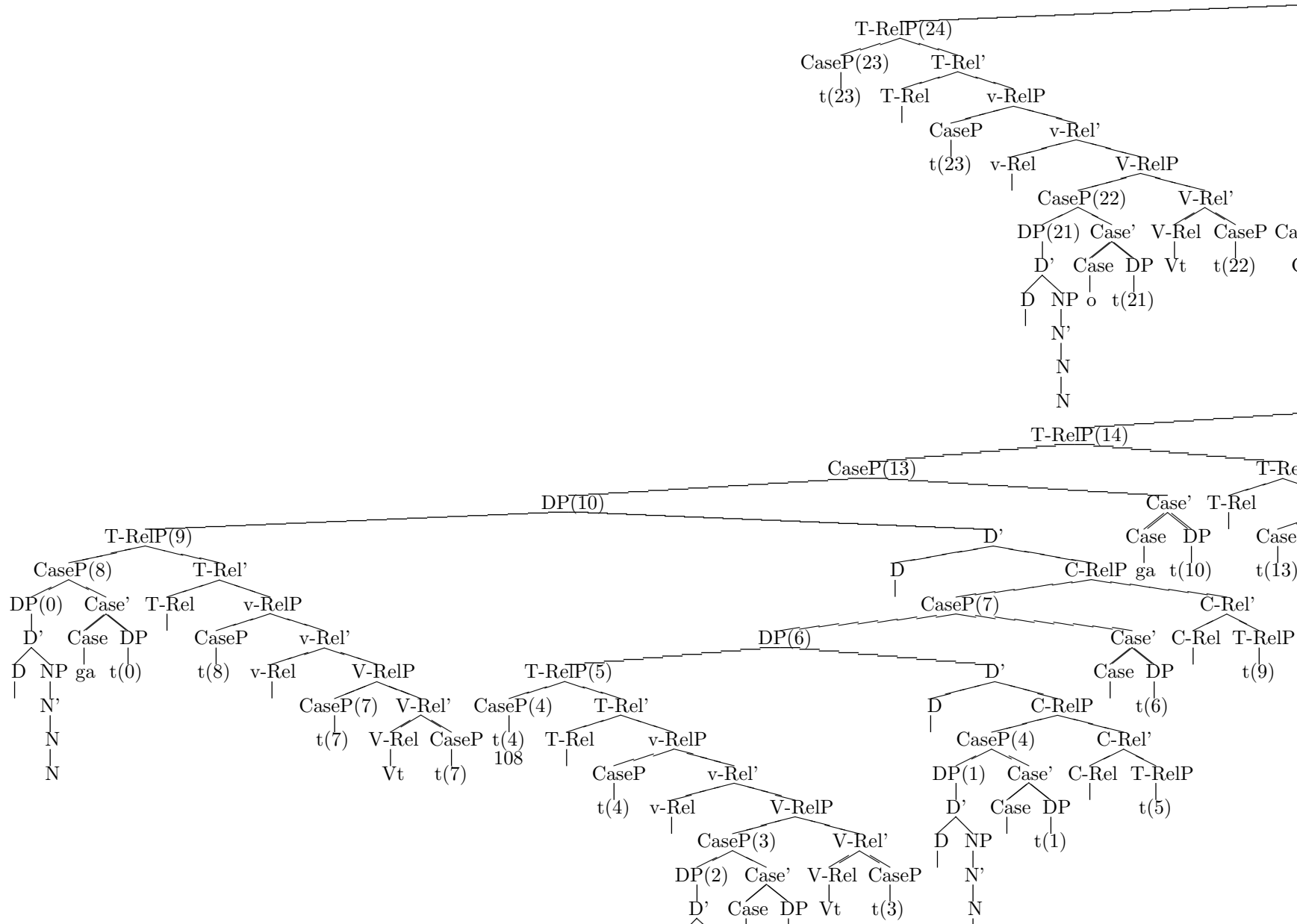
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71. 9.92412254688e-9



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72.  $1.42636811953\text{e-}9$



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73.  $1.36860848844\text{e-}14$

