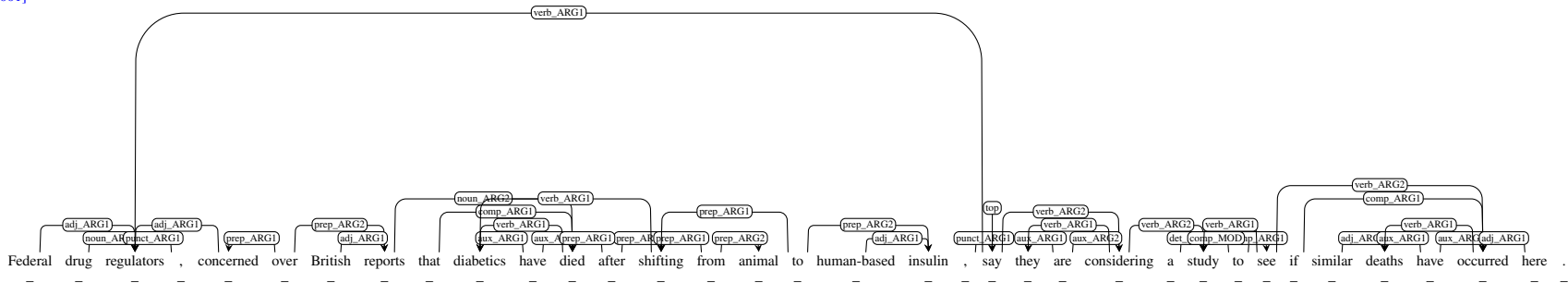
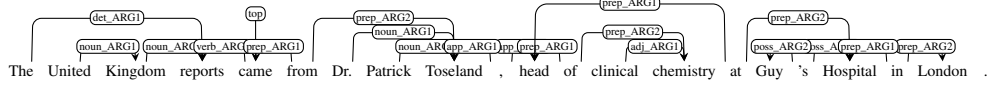


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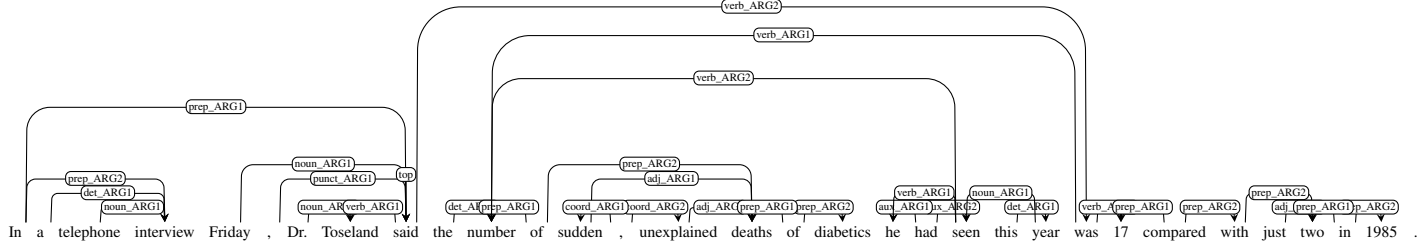
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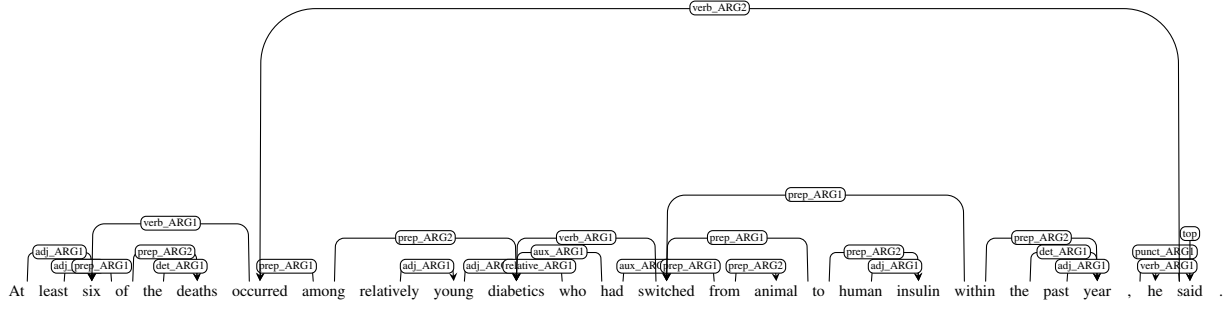
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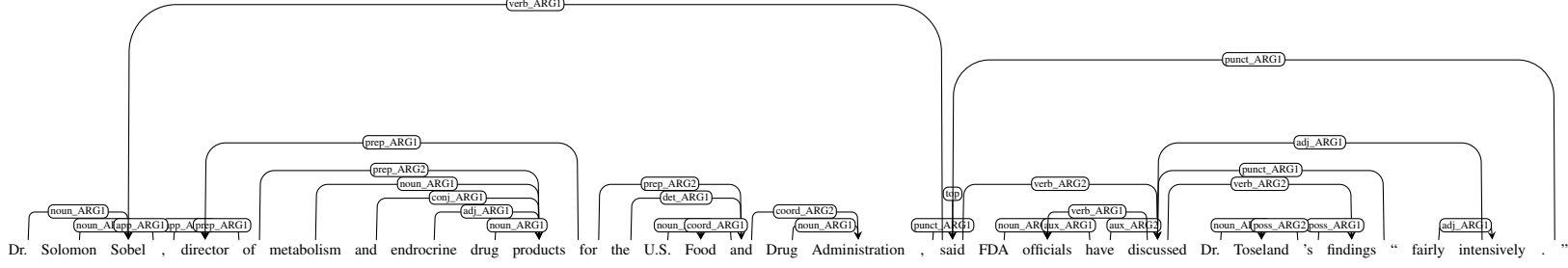
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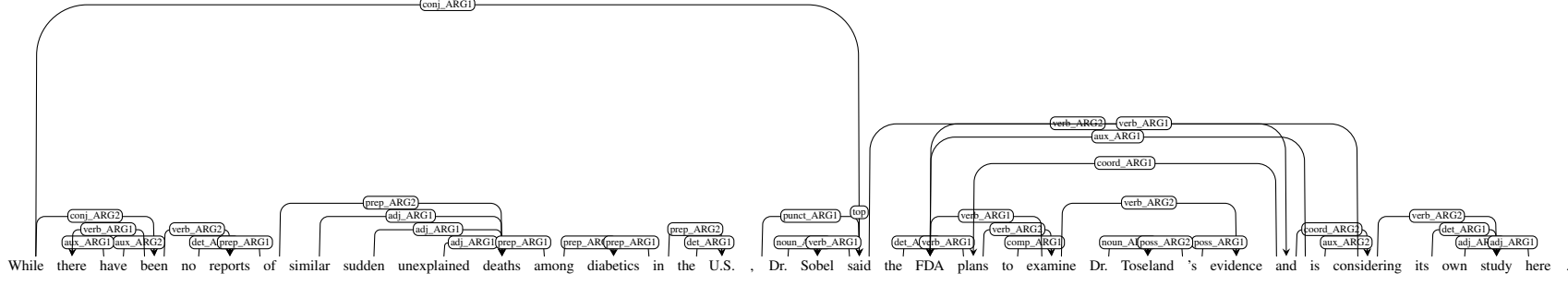
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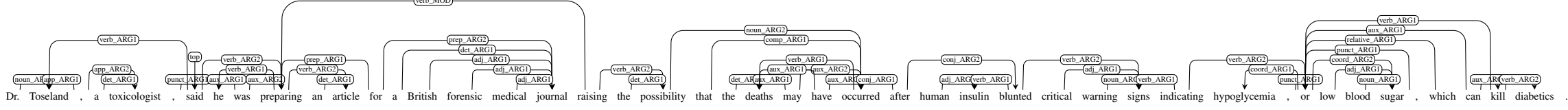
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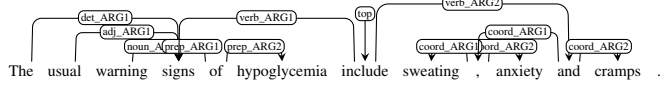
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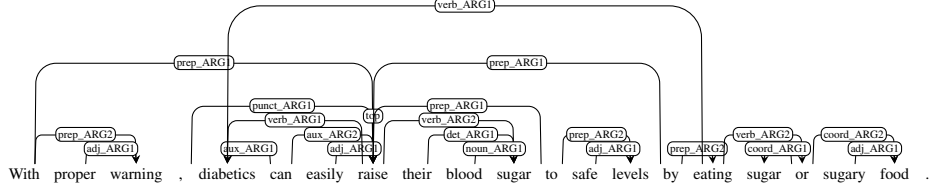
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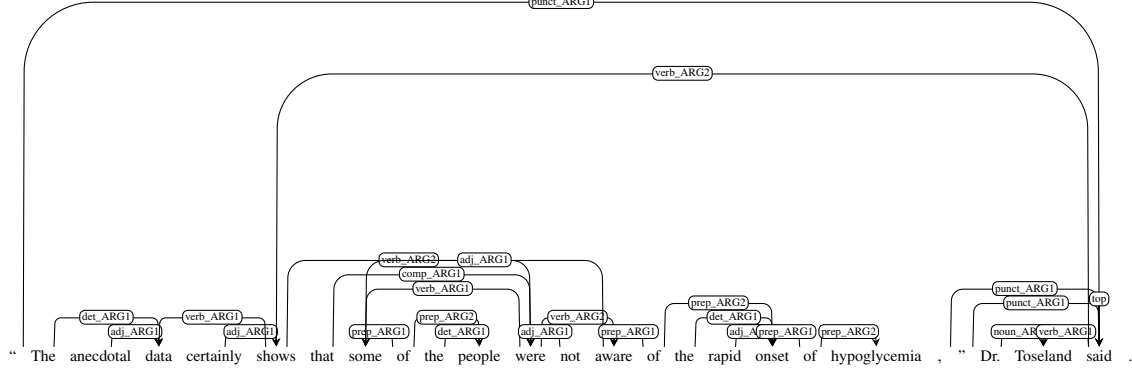
[20690008]



[20690009]



[20690010]



[20690011]

At the U.S. National Institutes of Health , Dr. Robert E. Silverman , chief of the diabetes program branch , said no evidence of unexpected deaths from hypoglycemia had shown up in a study of 1,500 diabetics that has been under way at NIH for five years .

[20690012]

However , he said officials conducting the study had n't been looking for signs of problems related to hypoglycemia unawareness .

[20690013]

" We are now monitoring for it much more closely , " he said .

[20690014]

" We do know there are slight differences in the way human and animal insulins drive down blood sugar , " Dr. Sobel said .

[20690015]

The human-based drug starts the blood sugar dropping sooner and drives it down faster , he said .

[20690016]

" But we do n't believe there is enough of a difference to be clinically significant . " Dr. Sobel said .

[20690017]

Reports of Dr. Toseland 's findings in the British press have triggered widespread concern among diabetics there .

[20690020]

" A loss of the warning symptoms of hypoglycemia is a complex problem that is very unlikely to be due simply to the type of insulin used , " the American association said .

[20690021]

The FDA already requires drug manufacturers to include warnings with insulin products that symptoms of hypoglycemia are less pronounced with human insulin than with animal-based products .

[20690022]

Eli Lilly & Co. , the Indianapolis-based drug manufacturer , dominates the U.S. human insulin market with its product known as Humulin .

