

Deep learning approaches for forecasting the global spread of influenza

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1 Background

- Influenza forecasting methods
- Deep Learning

2 Second Main Section

- Another Subsection

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Background

Influenza forecasting methods

- Time Series Model.
- Compartmental Model.
- Agent Based Model.
- Metapopulation Model.

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- Another Subsection

- First item.

- First item.
- Second item.

- First item.
- Second item.
- Third item.

- First item.
- Second item.
- Third item.
- Fourth item.

- First item.
- Second item.
- Third item.
- Fourth item.
- Fifth item.

- First item.
- Second item.
- Third item.
- Fourth item.
- Fifth item. Extra text in the fifth item.

Recurrent Neural Network

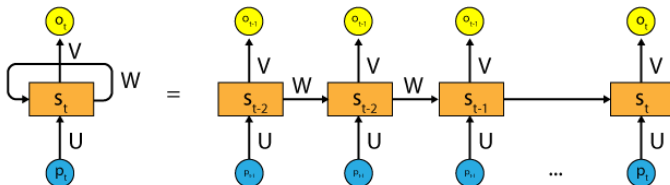


Figure: An unrolled recurrent neural network. The artificial neurons (for example, hidden units grouped under node s with values s_t at time t) get inputs from other neurons at previous time steps. In this way, a recurrent neural network can map an input sequence with elements s_t into an output sequence with elements o_t , with each o_t depending on all the previous $p_{t'}$ (for $t' \leq t$). The same parameters (matrices U , V , W) are used at each time step.

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Blocks

Block Title

You can also highlight sections of your presentation in a block, with it's own title

Theorem

There are separate environments for theorems, examples, definitions and proofs.



Example

Here is an example of an example block.

Summary

- The **first main message** of your talk in one or two lines.
- The **second main message** of your talk in one or two lines.
- Perhaps a **third message**, but not more than that.
- Outlook
 - Something you haven't solved.
 - Something else you haven't solved.

For Further Reading I

-  A. Author.
Handbook of Everything.
Some Press, 1990.
-  S. Someone.
On this and that.
Journal of This and That, 2(1):50–100, 2000.