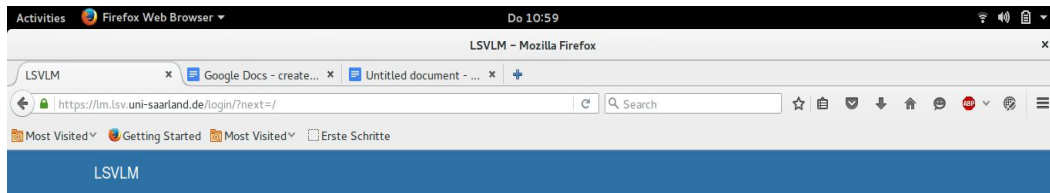
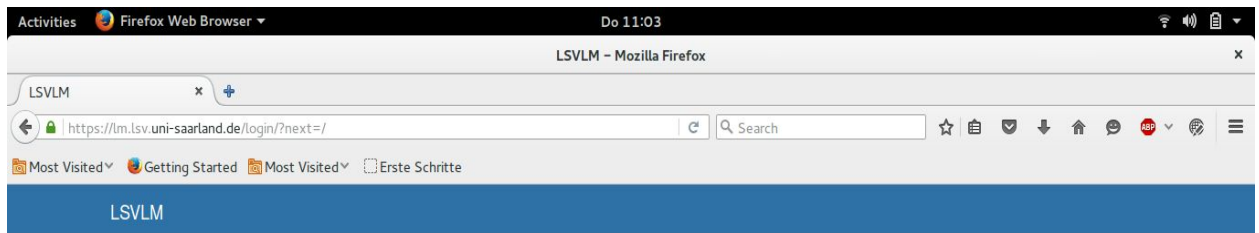


## Paper Prototype: Run Experiments - View Surprisal Graphs -Test Corpora:

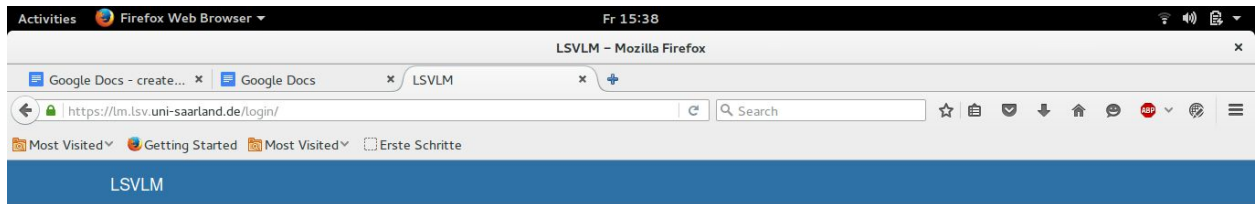
1. The researcher logs onto the 'LSVLM' GUI website.

A login form titled 'Log in'. It contains two input fields: 'Username' and 'Password'. Below the password field is a checkbox labeled 'Remember me'. At the bottom of the form is a blue button labeled 'Sign in'.

2. The researcher enters his/her user-id and password

A login form titled 'Log in'. The 'Username' field contains the text 's8sagang@stud.uni-saarland.de'. The 'Password' field contains ten dots. Below the password field is a checkbox labeled 'Remember me'. At the bottom of the form is a blue button labeled 'Sign in'.

3. The researcher enters his/her user-id and password wrong. The appropriate error message is displayed.



Log in

The username or password is incorrect.

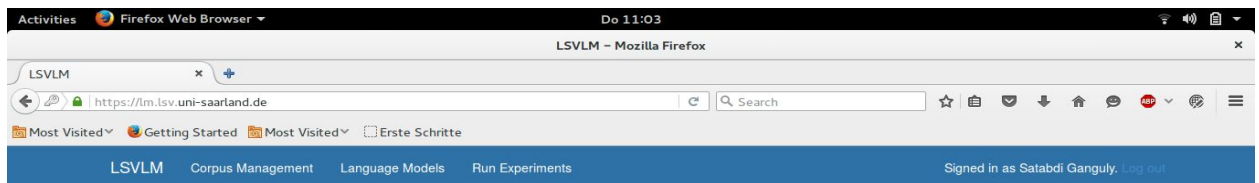
Username

Password

☐ Remember me

Sign in

4. The system displays function groups, namely, Corpus Management, Language Models, Run Experiments.



## LSVLM

Corpus Management	Language Models	Run Experiments
Upload new corpora files Edit and view existing corpora	Create and edit language models Train language models Download ARPA output for an LM	Run experiments on test corpora using a trained language model



5. The researcher selects “Run Experiments”.

The screenshot shows the LSVLM web interface in a Firefox browser. The address bar displays the URL <https://lm.lsv.uni-saarland.de/experiments/>. The navigation bar includes links for LSVLM, Corpus Management, Language Models, and Run Experiments. The user is signed in as Satabdi Ganguly. The 'Run Experiment' form has three sections: 'Language Models' with a list of models (PTB Bigram, PTB Trigram, PTB Unigram, ptb0.9-0.9-0.7), 'Test Corpora' with a list of corpora (PennTreeBankUnkifiedTrain, PennTreeBankUnkifiedTest, news2007.dev, news2007.test), and 'Input Text' with a text area. A blue 'Run' button is at the bottom.

Run Experiment ▾

**Language Models**

- PTB Bigram
- PTB Trigram
- PTB Unigram
- ptb0.9-0.9-0.7

**Test Corpora**

- PennTreeBankUnkifiedTrain
- PennTreeBankUnkifiedTest
- news2007.dev
- news2007.test

**Input Text**

Enter some test text here.

Run

6. The Researcher clicks the “Run” button by mistake. “Please enter at least one trained LM” and “Please enter a non empty input string” error message is displayed.

The screenshot shows the LSVLM web interface after clicking the 'Run' button. The 'Language Models' list is highlighted with a red border, and a red error message 'Please select at least one trained LM.' is displayed below it. The 'Input Text' text area is also highlighted with a red border, and a red error message 'Please enter a non-empty input text.' is displayed below it. The 'Run' button is still visible at the bottom.

Run Experiment ▸

**Language Models**

- PTB Bigram
- PTB Trigram
- PTB Unigram
- ptb0.9-0.9-0.7

Please select at least one trained LM.

**Test Corpora**

- PennTreeBankUnkifiedTrain
- PennTreeBankUnkifiedTest
- news2007.dev
- news2007.test

**Input Text**

Enter some test text here.

Please enter a non-empty input text.

Run

7. The researcher selects one or more pre-trained language model from a list.

Activities Firefox Web Browser Do 12:10

LSVLM - Mozilla Firefox

LSVLM x Creately - Draw, Sha... x

https://lm.lsv.uni-saarland.de/experiments/

Most Visited Getting Started Most Visited Erste Schritte

LSVLM Corpus Management Language Models Run Experiments Signed in as Satabdi Ganguly. Log out

### Run Experiment

**Language Models**

- PTB Bigram
- PTB Trigram**
- PTB Unigram
- ptb0.9-0.9-0.7

**Test Corpora**

- PennTreeBankUnkifiedTrain
- PennTreeBankUnkifiedTest
- news2007.dev
- news2007.test

**Input Text**

Enter some test text here.

Run

My Experiments

8. The Researcher selects the “Test Corpora” radio button but does not select any test corpora and hits the “Run” button. “Please select at least one test corpora” error message is displayed.

Activities Firefox Web Browser Fr 15:48

LSVLM - Mozilla Firefox

Google Docs - create... x Google Docs x LSVLM x

https://lm.lsv.uni-saarland.de/experiments/

Most Visited Getting Started Most Visited Erste Schritte

LSVLM Corpus Management Language Models Run Experiments Signed in as Satabdi Ganguly. Log out

### Run Experiment

**Language Models**

- PTB Bigram
- PTB Trigram
- PTB Unigram**
- ptb0.9-0.9-0.7

**Test Corpora**

- PennTreeBankUnkifiedTrain
- PennTreeBankUnkifiedTest
- news2007.dev
- news2007.test

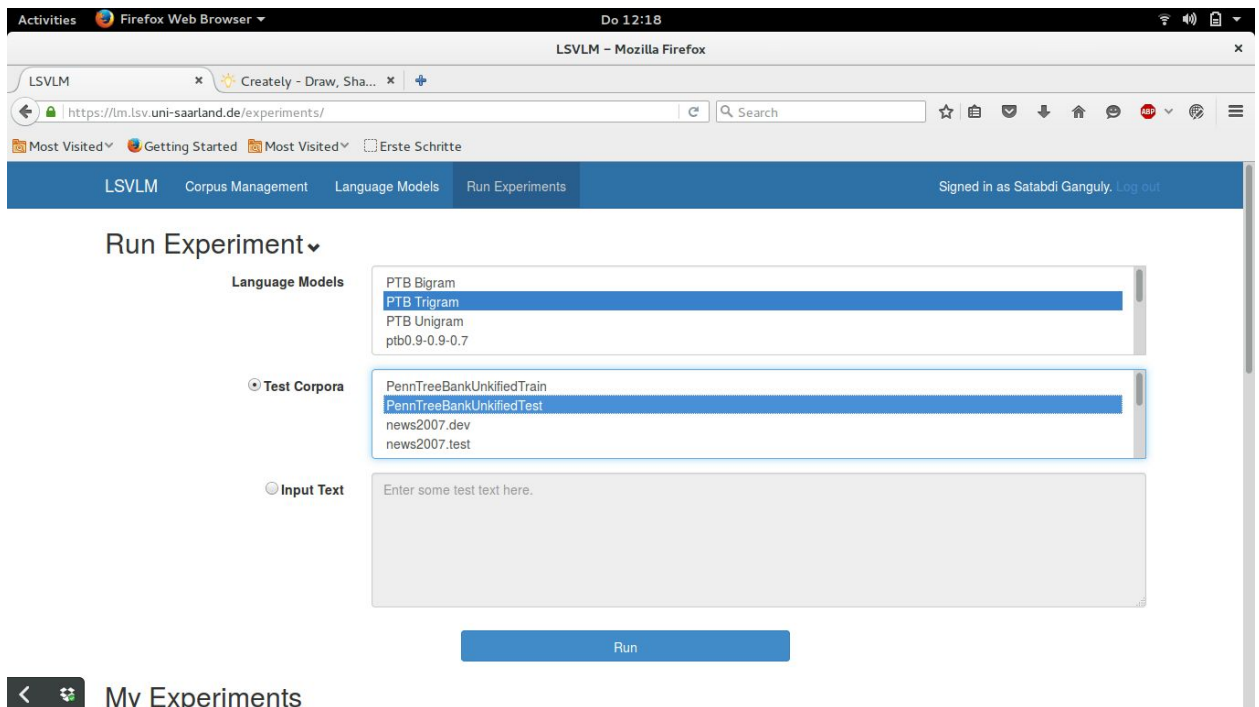
Please select at least one test corpus.

**Input Text**

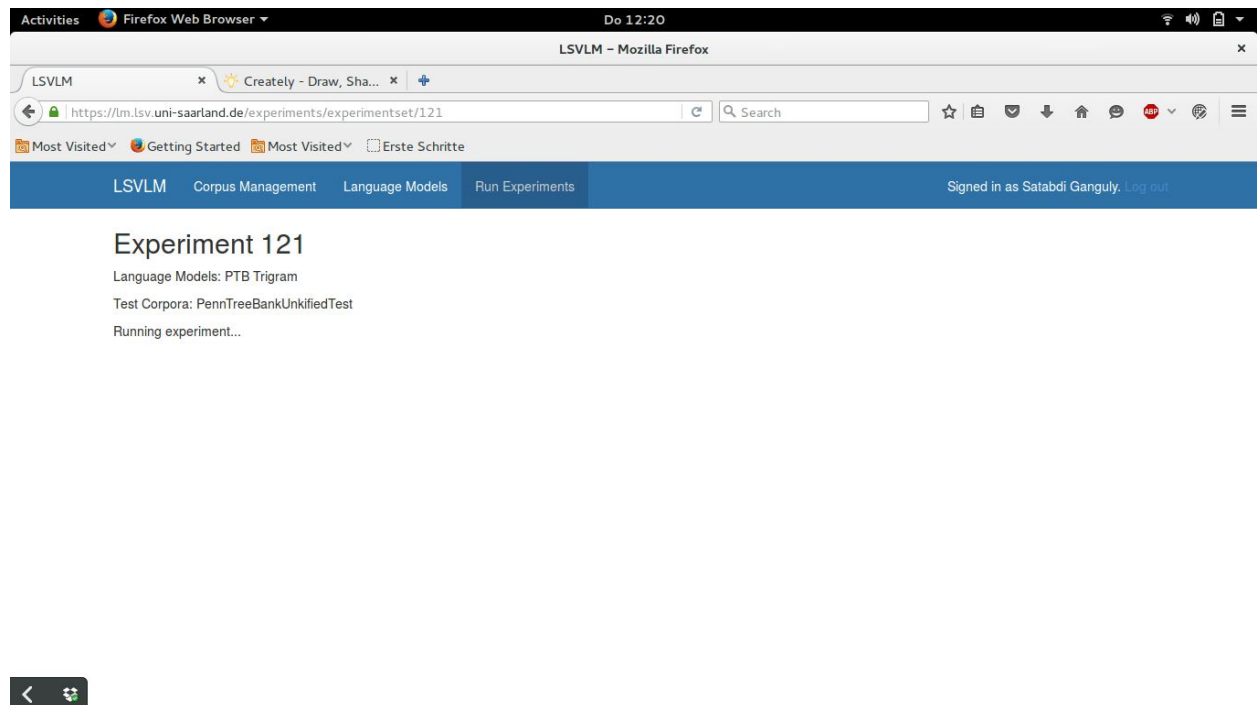
Enter some test text here.

Run

9. The researcher selects a Test corpus in the “Test Corpora” .



7. Select the “Run” Button



## 8. The Surprisal Graph is generated.

