My Journey with Legacy

Youth Ambassadors



Fun Days Out



Fun Days Out





Youth Camps







Youth Christmas Party



Event Assistance





Media Training



Trip to Government House



Torch Relay





Analysing Australian World War I Diaries using Mathematical and Computational Techniques

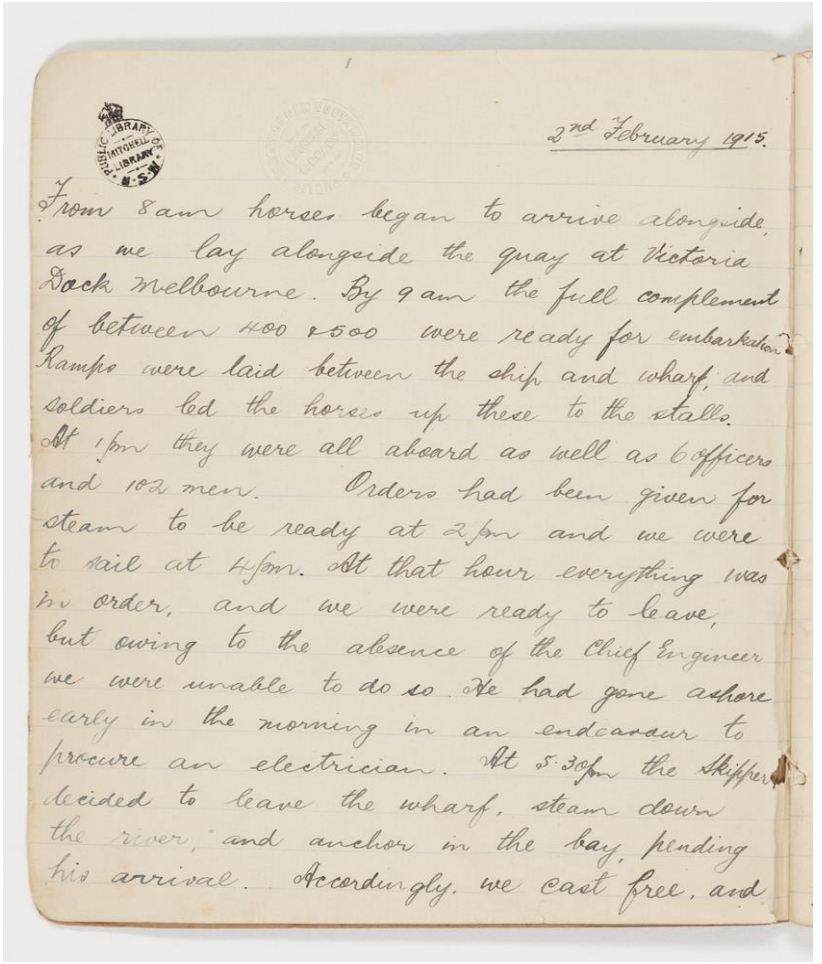
Ph.D. Aim

To analyse Australian World War I diaries using mathematical and computational techniques in order to understand what the soldiers wrote about and how they felt over the course of the war.

Data

State Library of New South Wales Collection

- European War Collecting Project
- Contains over 1,600 transcribed documents from Australians in WW1, including 550 diaries
- Currently 161 cleaned diaries are ready to be analysed



2nd February 1915.

From 8 am horses began to arrive alongside as we lay alongside the quay at Victoria Dock Melbourne. By 9 am the full complement of between 400 & 500 were ready for embarkation. Ramps were laid between the ship and wharf, and soldiers led the horses up these to the stalls. At 1 pm they were all aboard as well as 6 officers and 102 men. Orders had been given for steam to be ready at 2 pm and we were to sail at 4 pm. At that hour everything was in order, and we were ready to leave, but owing to the absence of the Chief Engineer we were unable to do so. He had gone ashore early in the morning in an endeavour to procure an electrician. At 5.30 pm the Skipper decided to leave the wharf, steam down the river, and anchor in the bay, pending his arrival. Accordingly, we cast free, and

Figure: Gilroy, Norman. Norman Thomas Gilroy war diary, Volume 1: 2 February-29 April 1915. Mitchell Library, State Library of New South Wales.

Date Extraction

Date Extraction Aim

Date	Entry
02/02/1915	from 8am horses began to arrive alongside, …
08/02/1915	was so ill during this period that i was unable …
28/03/1915	many large french and british transports ...
05/04/1915	at 5.30a we were towed out from the wharf ...
25/07/1915	arose about 6.30 and went down to church ...
27/07/1915	at 5am we were shifted to a berth further down ...

Date Extraction Challenges

“Tuesday 9th February 1915. At 6am woke to find we were ”

“Wed Jan 30th Left line tonight being relieved by the 54th BN.”

“Wednesday 24th Feby. Very disappointed when we received a”

“Tuesday May 8.5.17. Stand to 5.30 A.M. cool morning fed up”

“5th. Last night I had a party of 20 men repairing the blown in”

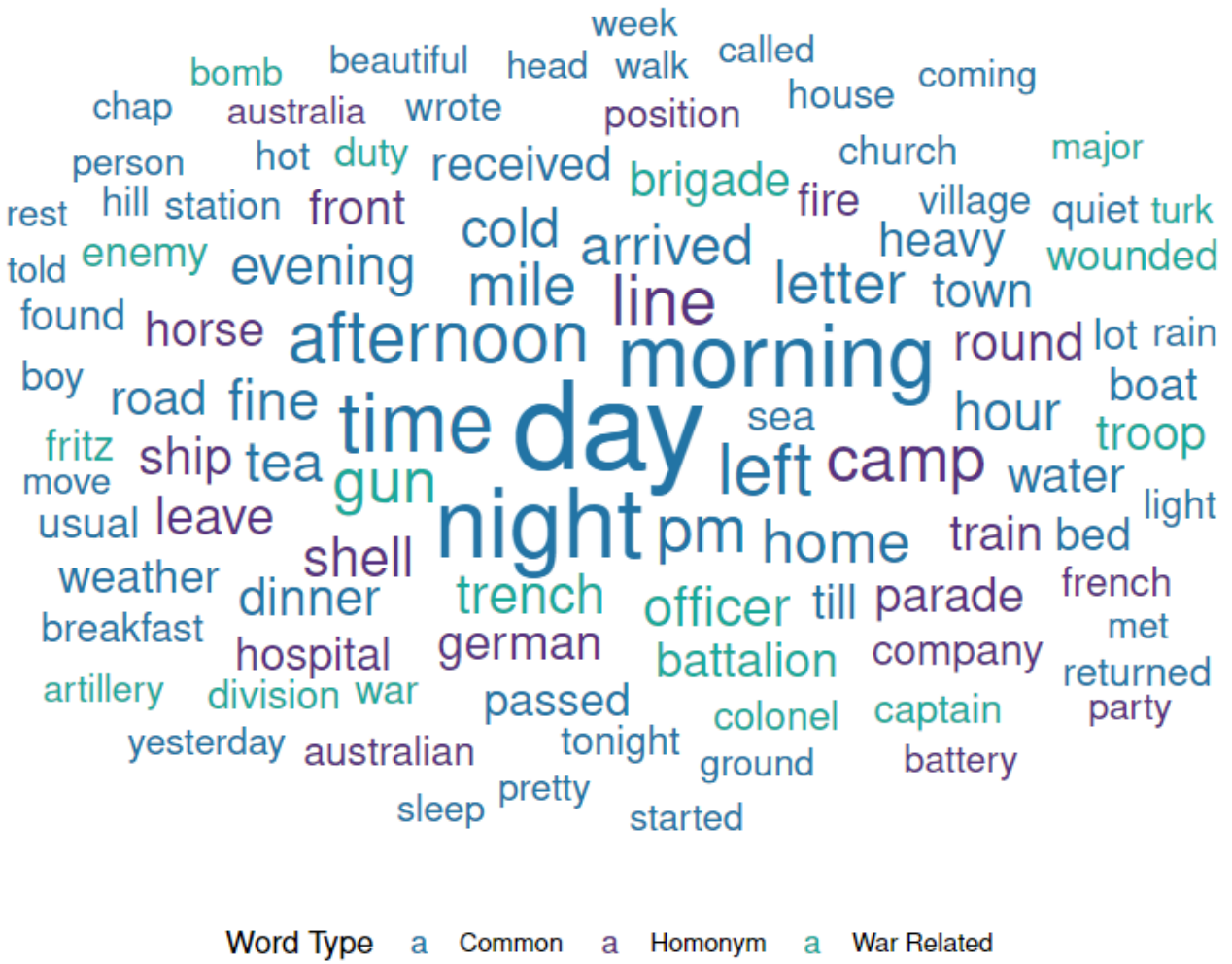
“17: Pte. Sellars fell down hold 50 ft., dying four hours later,”

“Wed. Kit inspection getting fixed up before we arrive.”

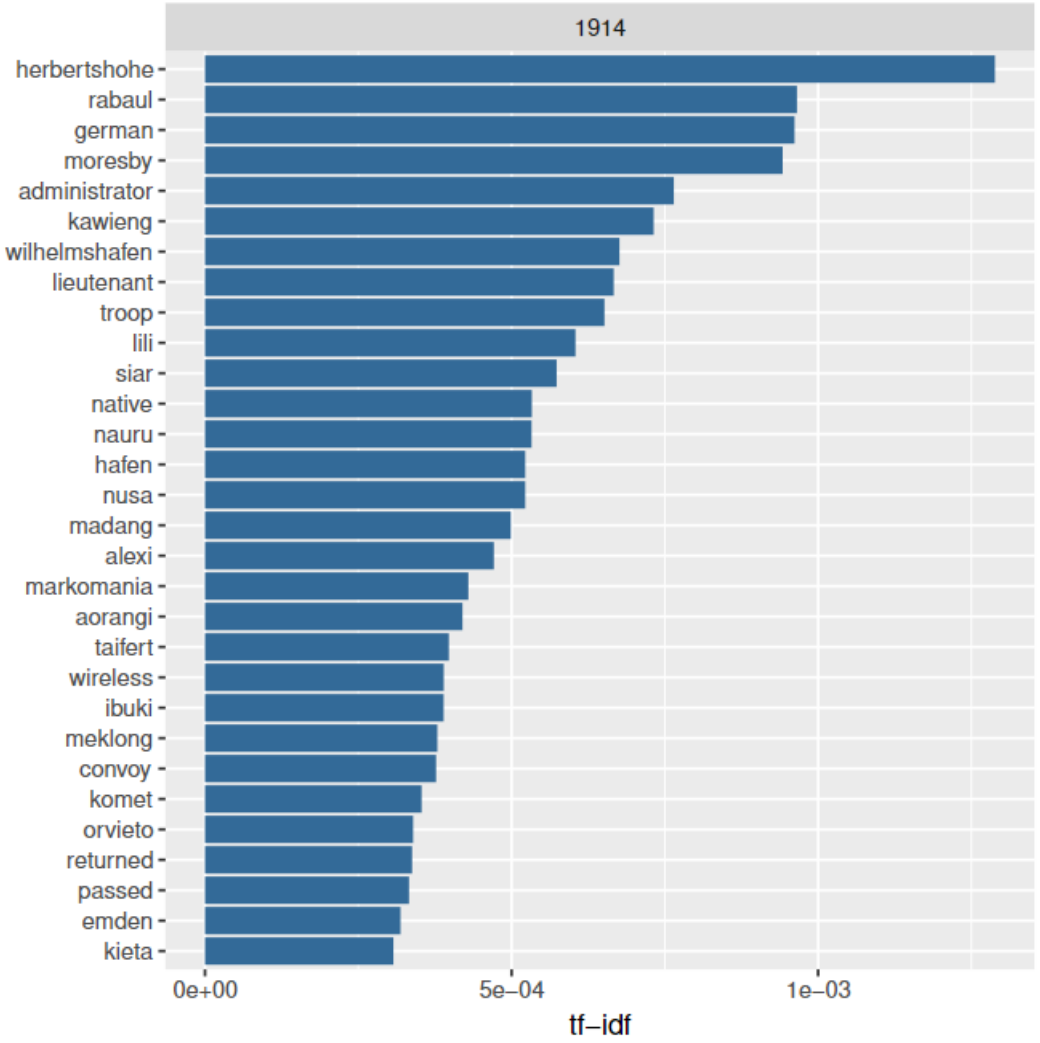
“8th Field Ambulance. Breakfast had been previously arranged”

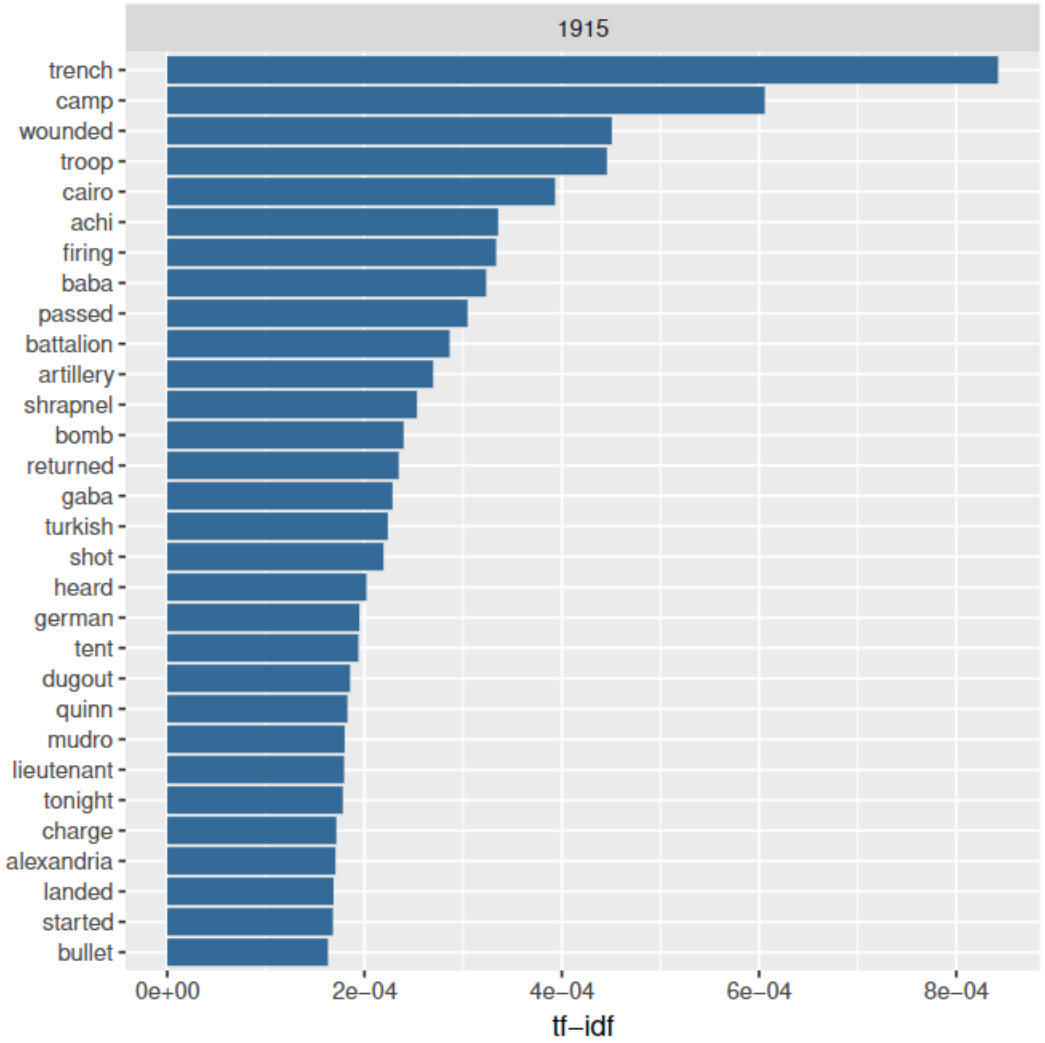
Methods and Results

Word Frequencies

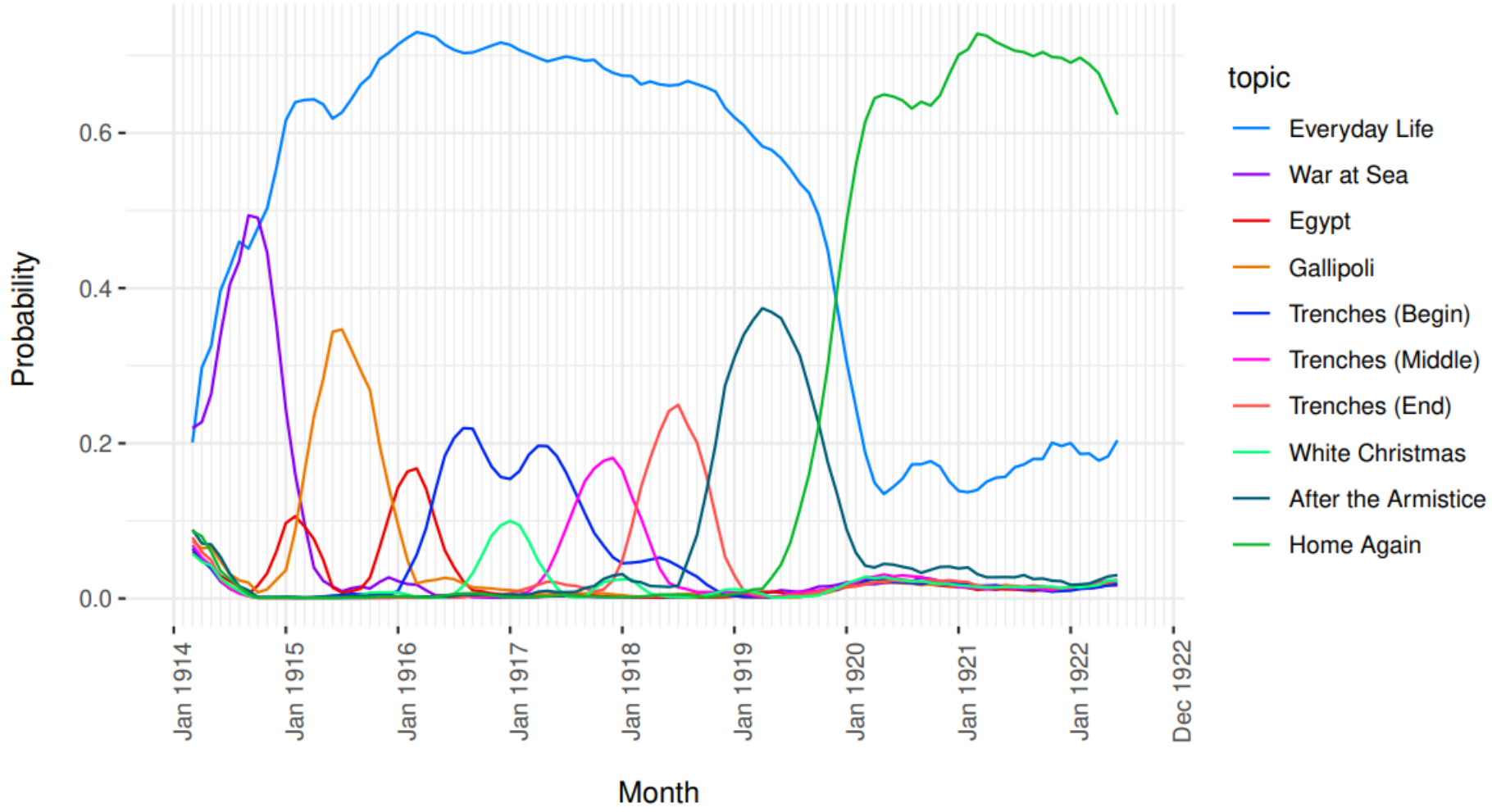


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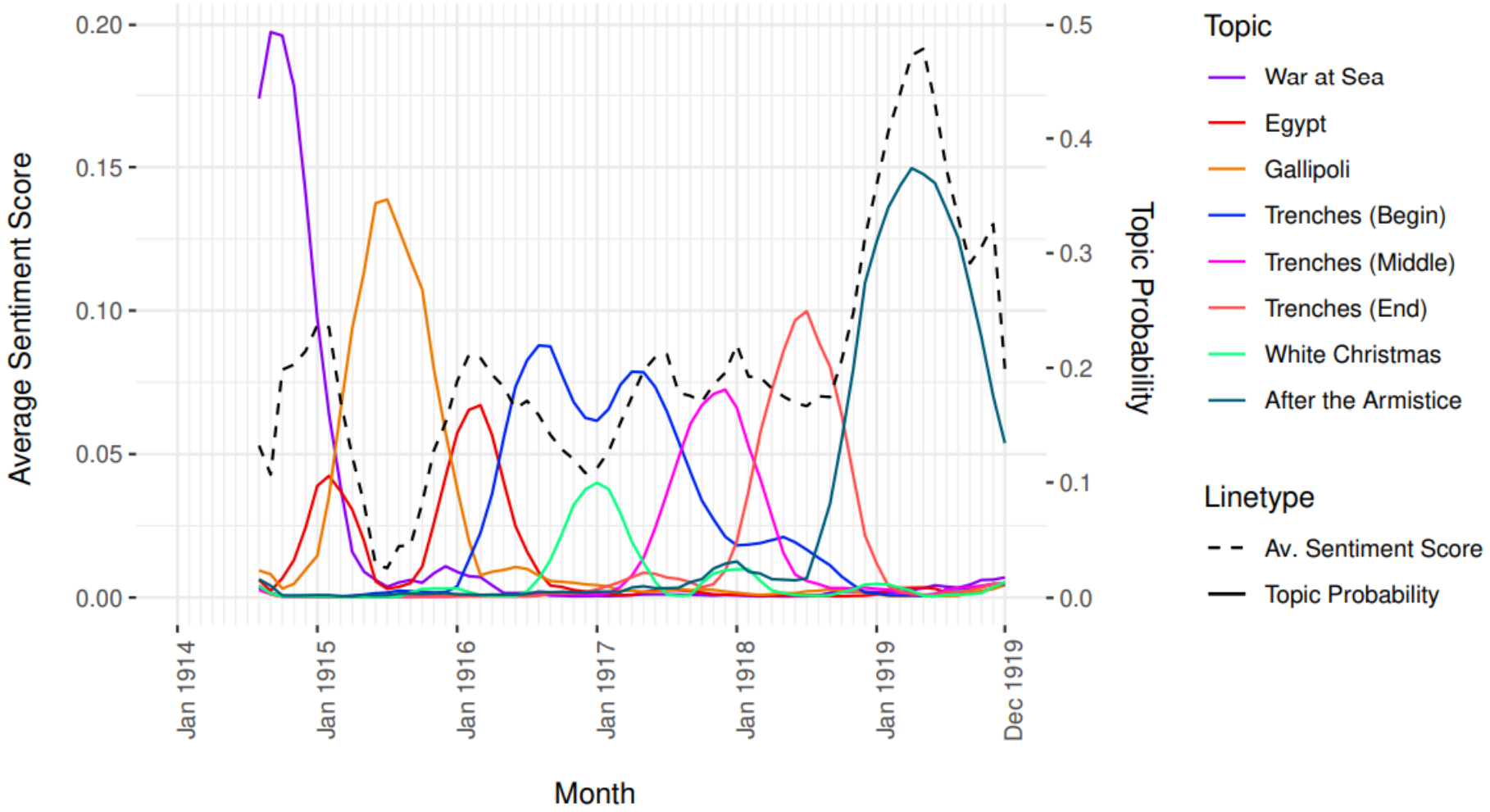

1914
herbertshohe
rabaul
german
moresby
administrator
kawieng
wilhelmshafen
lieutenant
troop
lili
siar
native
nauru
hafen
nusa
madang
alexi
markomania
aorangi
taifert
wireless
ibuki
meklong
convoy
komet
orvieto
returned
passed
emden
kieta
0e+00
5e−04
1e−03
tf−idf


1915
trench
camp
wounded
troop
cairo
achi
firing
baba
passed
battalion
artillery
shrapnel
bomb
returned
gaba
turkish
shot
heard
german
tent
dugout
quinn
mudro
lieutenant
tonight
charge
alexandria
landed
started
bullet
0e+00
2e−04
4e−04
6e−04
8e−04
tf−idf

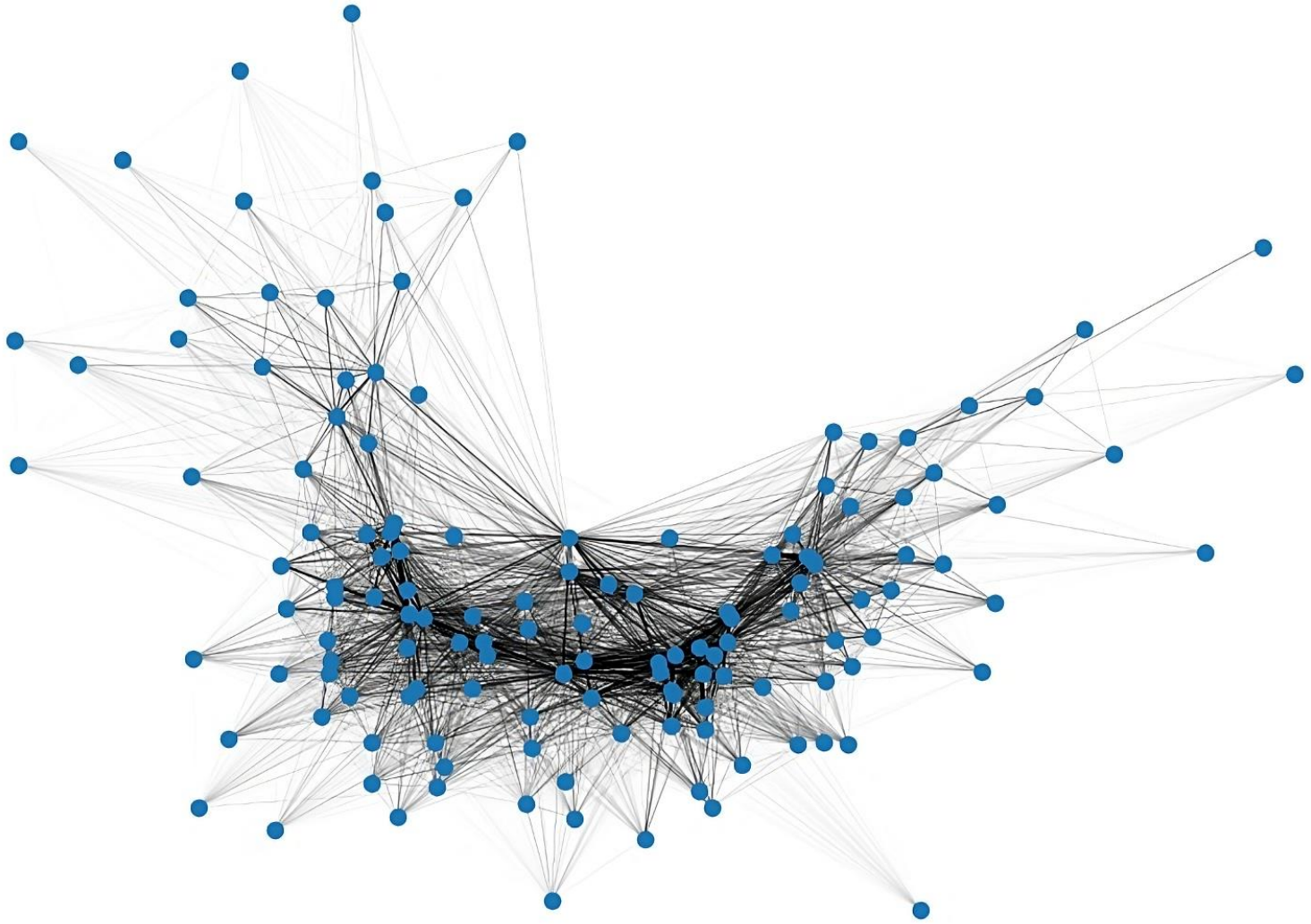
Topic Modelling and Sentiment Analysis



Topic Modelling and Sentiment Analysis



Network Analysis



Location Extraction

Work in progress …

Thank you for listening