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Women's History in the Digital World

Women's History in the Digital World 2013

Mar 23rd, 9:15 AM - 10:30 AM

### Digital Diaries, Digital Tools: A Comparative Approach to Eighteenth-Century Women's History

Bridget Baird Connecticut College

Cameron Blevins Stanford University

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# [ Digital Diaries, Digital Tools ]

Bridget Baird
Connecticut College
Computer Science

Cameron Blevins
Stanford University
History

Elizabeth Drinker, 1735-1807

Martha Ballard, 1735-1812

First Day, drank Tea at Jos. Howell's; call'd to see M. Foulk, who was lyeing in; with her Daughter Elizabeth.

Elizabeth Drinker 8 Oct 1758

mr Ballard left home bound for Oxford. I had been Sick with the Collic. mrs Savage went home. mrs Foster Came at evening. it snowd a little.

Martha Ballard 1 Jan 1785

### Elizabeth Drinker

**Martha Ballard** 

8,178 entries

9,879 entries

975,131 words

417,323 words

### Elizabeth Drinker

Martha Ballard

8,178 entries

9,879 entries

975,131 words

417,323 words

Jane Austen

Sense and Sensibility

119,394 words

Clear Mil Shallards at lucing Joseph To Weston 2 Clear & Bleat Biah Town Betsy my Stackole Jally Ding here Bety of hommas how Afternoon Lucy & of went to Col North, with mir Itist my Coming & my Juck then 3 Clear Jaughter Journ went home 111 13 at went of gould Coney, on Dublik Buinness du all day goulde Cyrup Cott gun finghen Hamal wash gwas at Lome all Fores

_				
	5	7	Clear Morn. mrs Wing, Suelle & Gersh <sup>m</sup> Cox came here, Dind & Drank Tea. Poll Savage to Tea. Isaac Savage Dind. it Began to Snow at 1 oClok. Lucy & hannah went to Brookss, Dolly to Esq <sup>r</sup> Howards.	
	6	В	Clear. mr Ballard & I & Daughter Town went to mr Westons & mr Pollards at Evening.	
	7	2	Clear & Pleast. Biah Town, Betsy, mrs Stackpole & Sally Dind here. Betsy Thommas here Afternoon. Jono & Carpt Winslow here & Supt. Lucy & I went to Colo Norths with mrs Stpl. mrs Comings & mrs Suole there.	
	8	3	Clear. Daughter Town went home. mr Ballard went To Doct Coneys on Publik Buisness. I was at home all day, Doubled Cyruss Cottn yarn. finisht my [].	
	9	4	Snowd. mr Ballard brought home a yoak of oxen which he Brought of Moses White. I was at home all day. Hannah twistd Cyruss yarn.	
	10	5	Cloudy morn, Clear aftm. mr Forbes & John here, made Ephms Coat & waist Coat. Hannah washt. I was at home all Day.	

# 5 Rid 11 Miles to Yunkins at the foot of Chesnutt Hill – Breakfasted and then put forward, reaching

<center> -- <font color="#0000FF"> 144 </font> -- </center>

home about Dinner time.

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<center> -- <font color="#0000FF"> 144 </font> -- </center>

home about Dinner time.

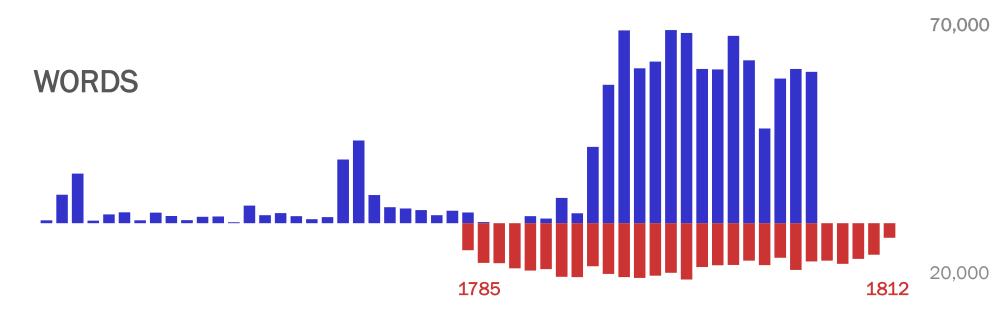
[1771, 9, 5]

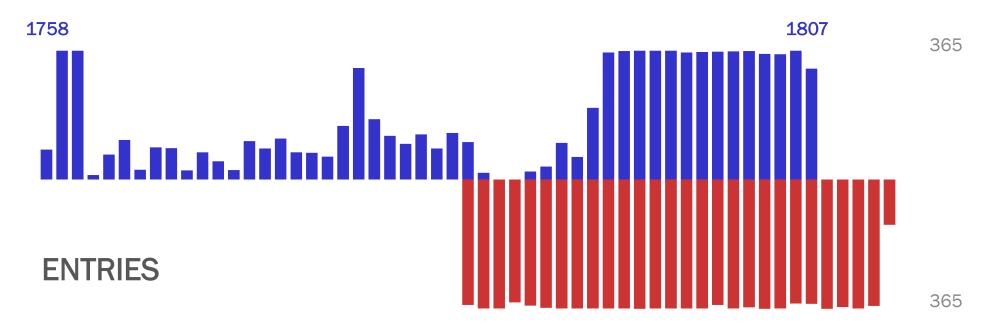
Rid 11 Miles to Yunkins at the foot of Chesnutt Hill – Breakfasted and then put forward, reaching home about Dinner time.

## "DAUGHTER"

augts aughts aughter augh aughters

#### **Drinker** Ballard

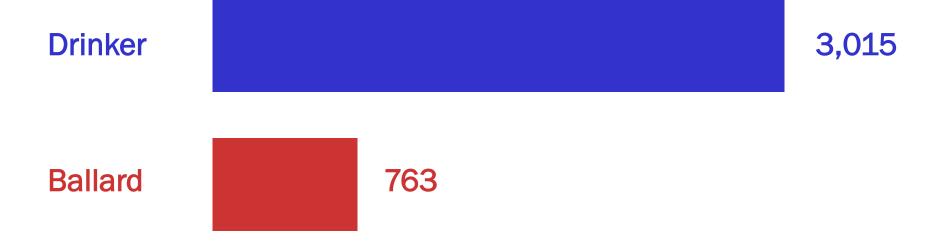




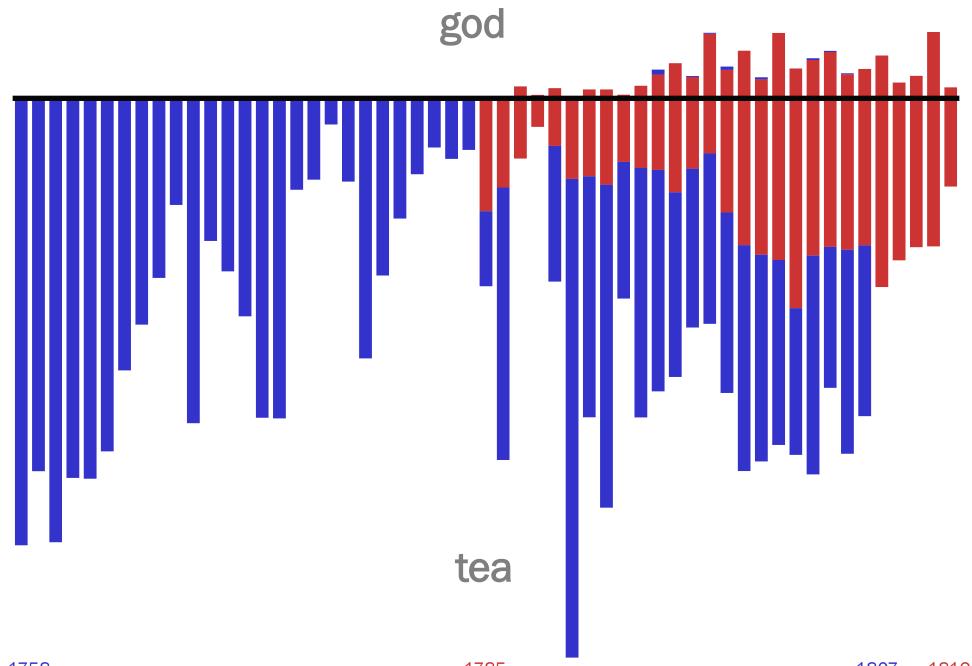
# god

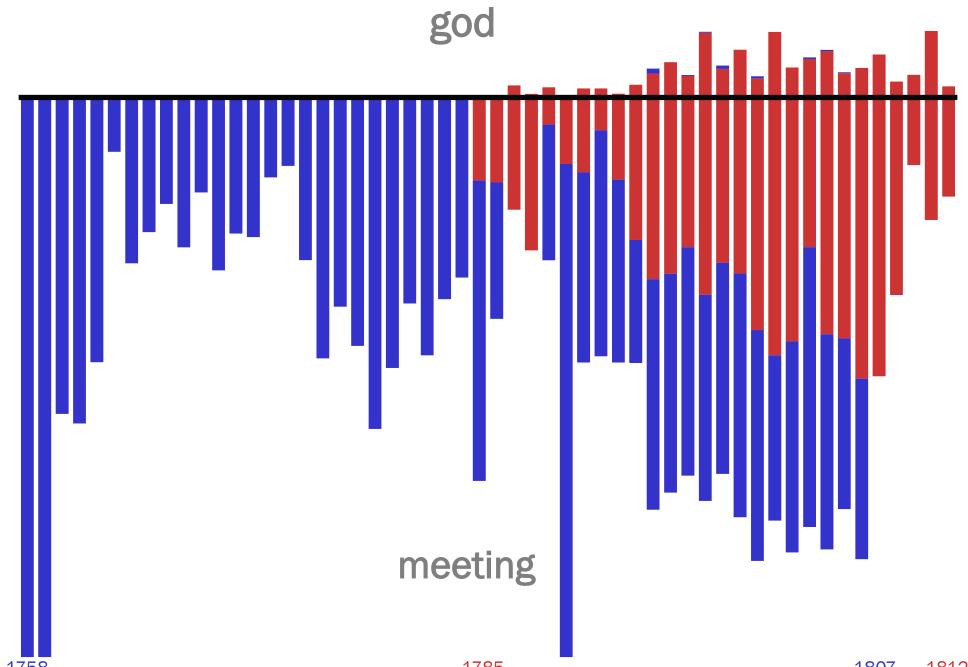


## tea









## **Topic Modeling**

A "topic" consists of a cluster of words that frequently occur together. Using contextual clues, topic models can connect words with similar meanings and distinguish between uses of words with multiple meanings.

- MALLET Project, UMass-Amherst

## **Topics**

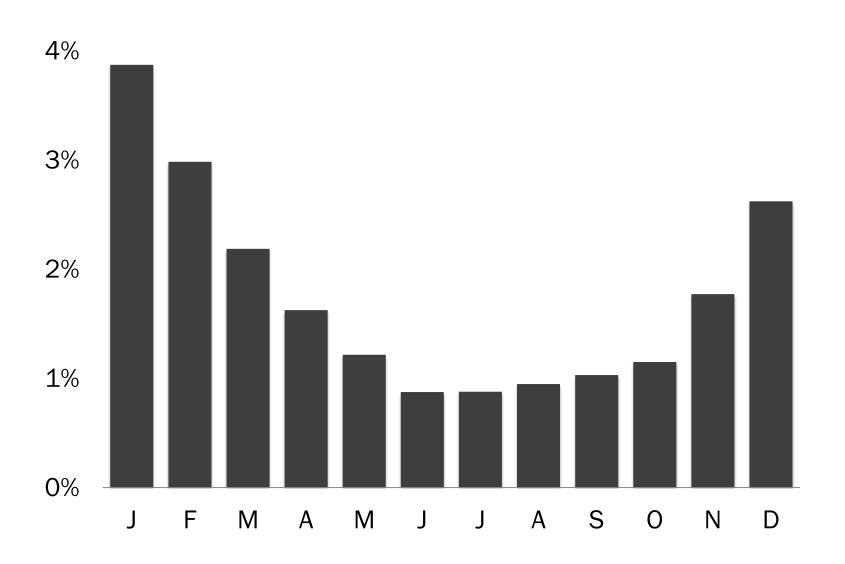
blood cough face bad sore throat poorly forenoon hard breast arm ounces dear thinks cold order tooth eye worse side

**ILLNESS** 

#### **GARDENING**

gardin worked work sett beens corn planted clear wk foren washt cucumbers removd cleand potatoes matters gatherd plants houghd sowd

Ib made brot bot sugar butter paid oz pork store chees mill candles beef wheat snuff spirit killd SHOPPING & SUPPLIES cold clear night day evening winter sleigh high windy colder caught birthday runing winters slippery sleighs legacy engaged coldest cold clear night day evening winter sleigh high windy colder caught birthday runing winters slippery sleighs legacy engaged coldest



years mother death life friend age died burial departed father buried children married year bury upwards funeral dead ago lived years mother death life friend age died burial departed father buried children married year bury upwards funeral dead ago lived

Rachel Pemberton departed this Life

24 Feb 1765

HD. went to the Burial of Amy Jones, aged 88 years.

21 Oct 1781

Amos Partridge buried his youngest child.

23 Jul 1809

died, W. W. kindrick in this Town, aged 14 years.

28 Apr 1811

years mother death life friend age died burial departed father buried children married year bury upwards funeral dead ago lived

rather Hazey, soft weather, a little snow this Afternoon, wind S. W – HD. MS. Eth. S. went meeting. It is 10 years this day since the marriage of our Son HS. D – Nancy out forenoon, Molly went with her to several places.

11 Dec 1804

Cloudy & Some Snow. this is the anniversary of my Marriage, 56 years Since. Son Lambard, Barny and Wm Ballard Sleep here. I have part made a gound, done Some washing [&] hemd a hand kerchief.

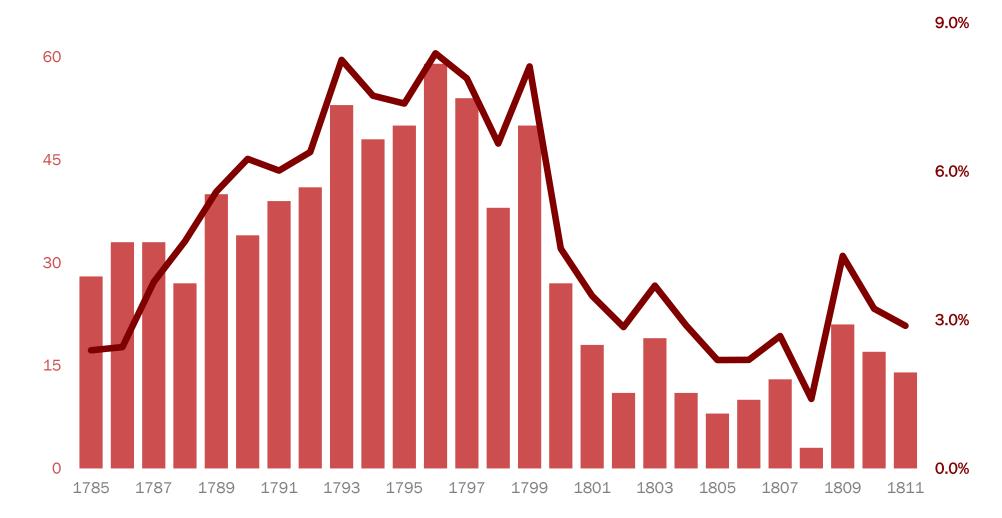
19 Dec 1810

#### **MIDWIFERY**

calld birth morn receivd deld safe shee pm cleverly labour left tarried returnd infant reward arivd patient born recd expected

Clear and Pleasant. I was Calld at 9h morn by John Carlo to go and See his wife, Shee was in Labour and was Safe Deld of a Dagt, her 11th Child, at 8h 30m Evn. I receivd \_ a kentle of Cod fish for my Service, and returnd home at 11 / OClok. left mother and infant as well as Could be Expected.

19 Oct 1798



813 Deliveries29 Per Year

calld birth morn receivd deld safe shee pm cleverly labour left tarried returnd infant reward arivd patient

Drinker	Ballard	Words in Topic
3.53%	0.33%	call drank din tea pleasants number thos
3.53%	0.51%	spent evening afternoon call morning hour uncle
3.17%	0.40%	back frankford horse return carriage chaise ride
2.81%	0.15%	called wind dined dinner forenoon tea returned
2.77%	1.09%	day stay till night seventh sixth fourth
2.74%	0.71%	weather day evening fine afternoon morning spent
2.72%	0.46%	dinner return left set morning breakfast tea
	•••	•••
	•••	•••
0.57%	4.08%	home clear sleeps cyrus coart makeing soap
0.48%	4.01%	home work cyrus rainy wool hay carried
0.38%	4.26%	calld ditto shee gave find tarried returnd
0.27%	4.26%	calld shee wife returnd pitts morn find
0.26%	4.31%	gardin worked work sett beens corn planted
0.55%	4.32%	home knit finisht pair snowd mending began
0.25%	4.75%	calld birth morn receivd deld safe shee

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0.25%	4.75%	calld <b>birth</b> morn <b>receivd deld safe</b> shee

Clear and cold all day wind N. W. Our little William, little is improper, for he is a stout boy, he left us before 11 o'clock -- with a good wind -- WD. went this Afternoon to JDs and JSs -- they were well, only E. Downing had something of the toothach -- it clear'd up last night before 11. -- a clear moon light night.

Elizabeth Drinker 11 Nov. 1807

Clear the most of ye day & very Cold & windy. Dagt Ballard and a Number of her Children here, mrs Partridg & Smith allso. Revd mr Tappin Came and Converst Swetly and made A Prayer adapted to my Case.

Martha Ballard 7 May 1812