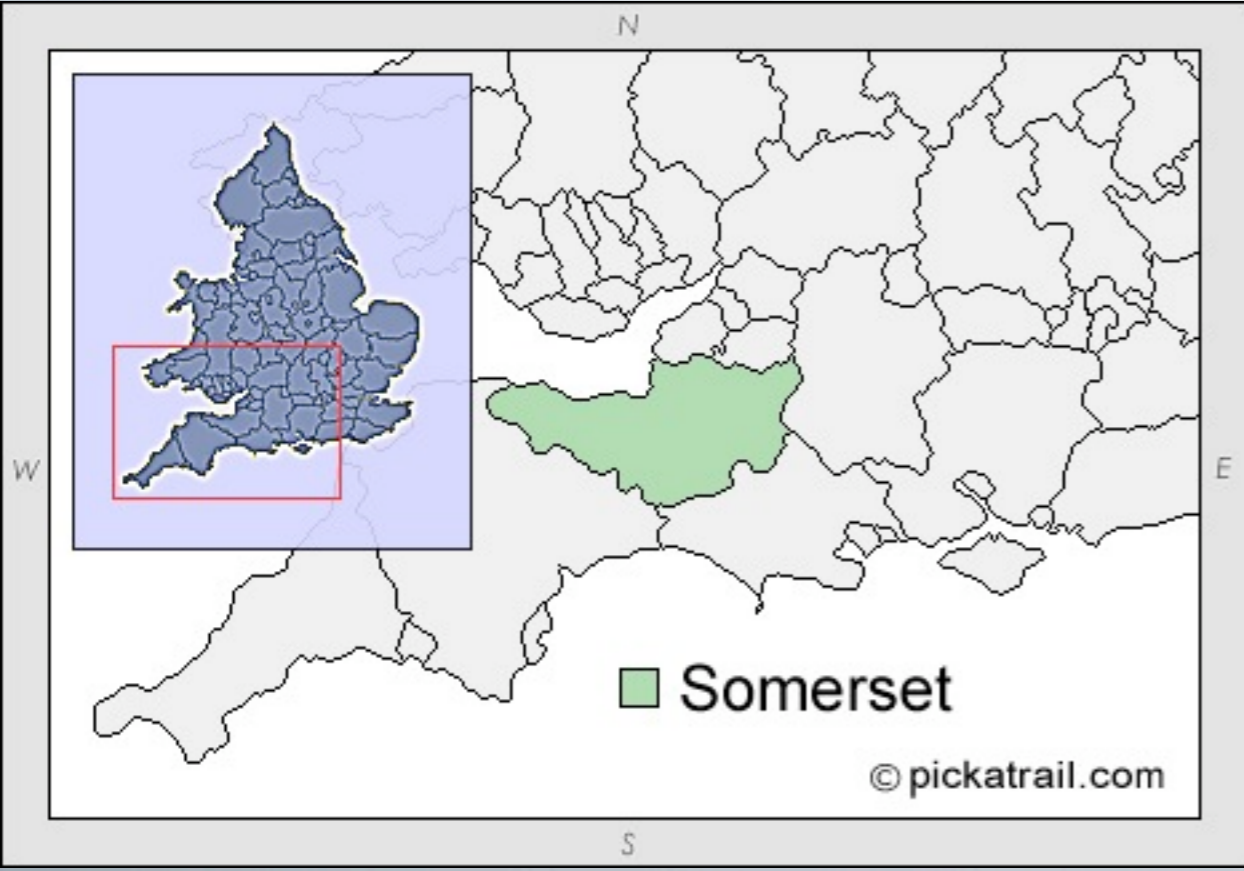


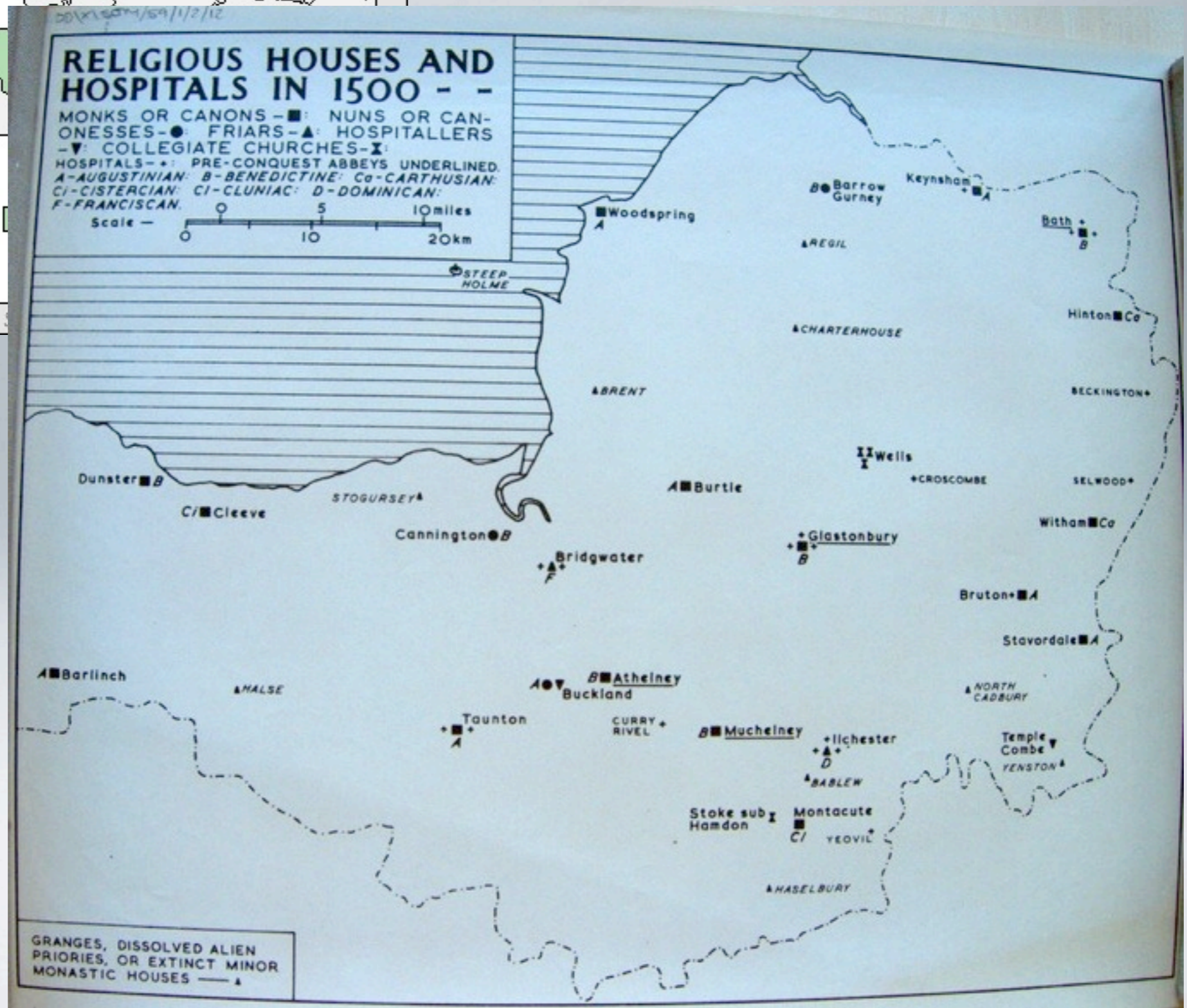
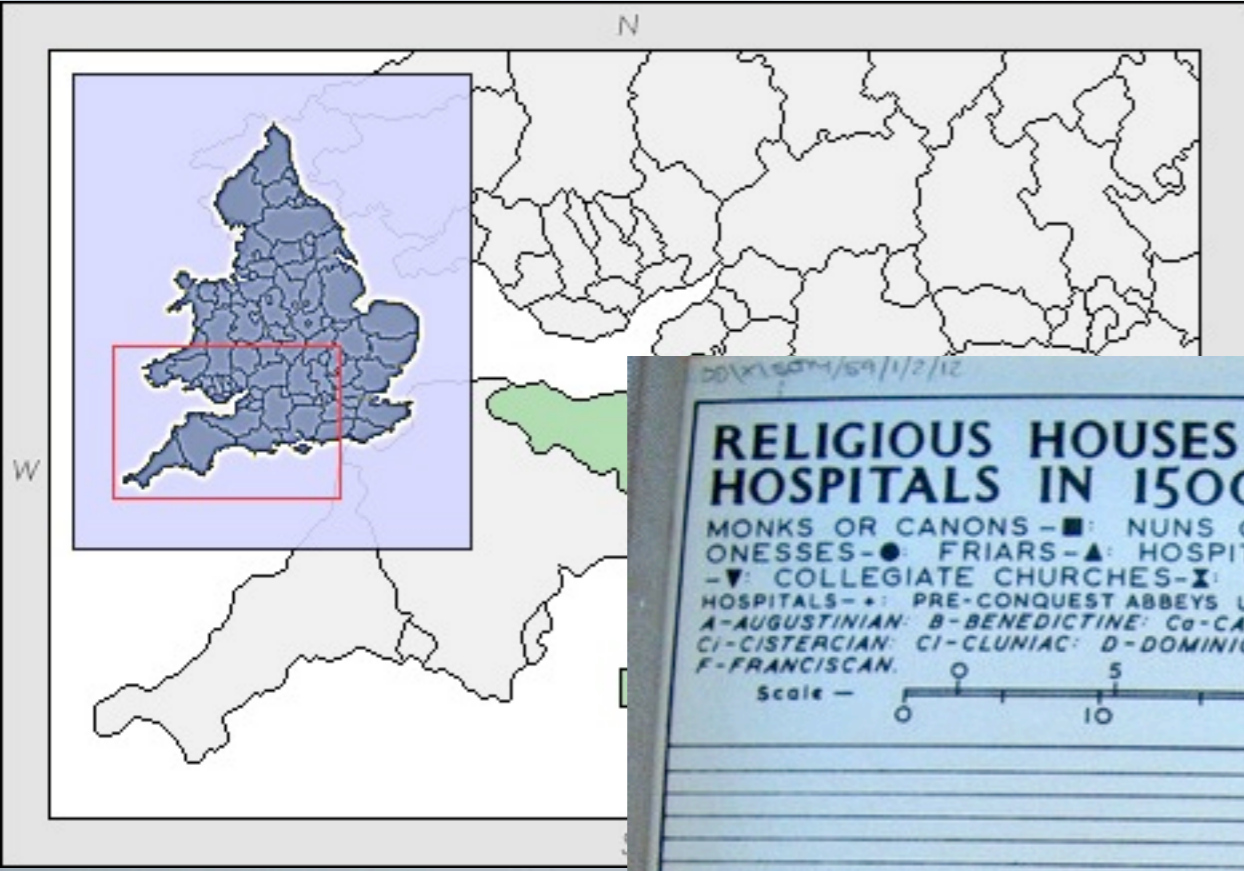
Applications of the DEEDS Database to Somerset Charters: Dating, Diplomatics, and Historical Context

Robin Sutherland-Harris
Centre for Medieval Studies, University of Toronto

Medieval Somerset
(Coterminous with the Diocese of Bath and Wells)



Medieval Somerset (Coterminous with the Diocese of Bath and Wells)



Research Projects

- * **DEEDS**
Database of Dated Medieval English Charters
- * **Ethiopia**
Ethiopia Arts and Culture: A Treasury of Ethiopian Images
- * **CIAS**
Central and Inner Asia Studies
- * **D+MECH**
Dater of Medieval English Charters

Training Courses

- * **Available Courses**
(Registration is available for the following courses)
 - Internet Application Development with Java™ EE, MySQL, and AJAX
(This course is now running - Available by module only)
 - Software Testing
(Evening course starting soon)
(Workday course starting late October)
- * **Planned Courses**
 - Mobile Development using Android™ and Java™
(Full-time, 12 week course, starting soon)
 - Advanced Programming for the Android™ Platform using Java™
(10x3 hour sessions, lectures and labs)
 - Internet Application Development with PHP, MySQL, and AJAX
(Full-time, 12 week course, starting soon)

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DEEDS Project
UNIVERSITY of TORONTO



DATER OF MEDIEVAL ENGLISH CHARTERS

RECENT NEWS

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This section of the D+MECH program will produce a chart for individual word patterns.

[Get a Chart...](#)

WELCOME TO OUR WEBSITE



We introduce our new D+MECH system to date undated medieval English charters believed to be written between 1072 and 1310. The computerized system compares "word patterns" or phrases of the undated charter with our database of 6,521 dated charters and, with the help of a mathematical approximation, produces a report with a tentative date and a list of matching word patterns.

The system was conceived in the early 1990s ...

[Learn more...](#)

DATE A MEDIEVAL CHARTER

Please take a few minutes to date an undated charter. Use your own text or date one of our samples to see the possibilities. If you use your own, it has to be written in latin and believed to be originated in England from 1072 to 1310.

[Go...](#)

You are our visitor

00001407

Since Apr 11, 2008

POWERED BY:



Universis christi fidelibus ad quos presens carta pervenerit. Legimus de gratia Bartholomei Episcopi. Salvo in domino. Quoniam ad officium nostrum spectat debentur ecclesiarum
iura tueri propriis. Et ne per incuriam seu negligentiam nostram iuris sui detrimentum incipiant sollicitate provide. nos cessiones et donationes ecclesie Wellensis
tempore nostro factas. ratas haberi volumus: eas auctoritate nobis collata confirmari. videlicet de ecclesia de Piton: quam dilectus filius noster Leo abbas
abbas ecclesie Wellensis in duas cessiones et donavit prebendas perpetuas. De ecclesia de Sudbrenta: quam idem abbas similiter donavit in perpetua prebenda
de ecclesia de Haselberg: quam Willelmus filius Willelmi cessionem in prebendam. De ecclesia de Bochelant: quam Olivius de Oman cessionem in prebendam. De ecclesia
de Dengelton: quam Ricardus de Camwell cessionem in prebendam. De ecclesia de Staudeford: quam Hamo filius Gaufridi cessionem in prebendam. De ecclesia de Com
et de Brunfeld: quas Gilbertus de Peris et Mathillus uxor eius concesserunt in prebendam. De ecclesia de Estharping: quam Willelmus filius Willelmi filius
Jobis. cessionem in prebendam. Ut ergo premissae ecclesie sicut in perpetuas prebendas Wellensi ecclesie cessione sunt et collate. perpetue prebende remaneant: nos eas
eidem Wellensi ecclesie presens carta et sigillo nostro in perpetuas prebendas confirmari. sub imminatione anathematis prohibentes: ne quis hanc nostram con
firmationem dirimat. ut contra eam sciens et prudens venire presumat. Preterea et tres marcas annuas eidem ecclesie Wellensi confirmari. scilicet ab ecclesia
de Brunton annuatim debitas: ad perpetuum continuu luminis cerei ad maius altare uigilant radiaturu. Eadem quoque ecclesia de Brunton debet ecclesie
Bathoni tres marcas annuas nomine ecclesiarum Banewell et Westbie ad iuveniendum militem perpetuum cerei. Ante maius altare in ecclesia Bathoni uigilant
lucis remuaturu.

Somerset Archives DD\CC/B/110025/10
Dated 1174-1191 in their catalogue

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DATER OF MEDIEVAL ENGLISH CHARTERS

1. PASTE TEXT

2. REVIEW YOUR TEXT

3. CHOOSE ALGORITHM

4. SET OPTIONS

Please paste the text of your undated charter in the text area provided or paste one of our sample texts provided. The text will be standardized as soon as you press the NEXT button

UNIERSIS CHRISTI FIDELIBUS AD QUOS PRESENS CARTA PERUENERIT P DEI GRATIA P SALUTEM
DOMINO QUONIAM AD DEESCII NOSTRI SPECTAT DEBITUM ECCLESIAE IURA TUERI PRO LIBRIBUS
ET P PER SEU NEGLIGENTIAM NOSTRAM IURIS SUI DETRIMENTUM INCURRANT SOLLICITE PROVIDERE
NOS CONCESSIONES ET DONATIONES ECCLESIE P TEMPORE NOSTRO FACTAS RATAS HABERI
VOLENTES EAS AUCTORITATE NOBIS COLLATA CONFIRMAMUS LIDELICET DE ECCLESIE DE P QUAM
DILECTUS FILIUS NOSTER P ABBAS ECCLESIE P CONCESSIT ET DONAUIT PREBENDAS PERPETUASDE
ECCLESIA DE P QUAM IDEM ABBAS SIMILITER DONAUIT PERPETUAM PREBENDAM DE ECCLESIA DE P
QUAM P FILIUS P CONCESSIT PREBENDAM DE ECCLESIA DE P QUAM P CONCESSIT PREBENDAM DE
ECCLESIA DE P QUAM P CONCESSIT PREBENDAM DE ECCLESIA DE P QUAM P FILIUS P CONCESSIT
PREBENDAM DE ECCLESIA DE P ET DE P QUAS P ET P EIUS CONCESSERUNT PREBENDAM DE ECCLESIA
DE P QUAM P FILIUS P FILII P CONCESSIT PREBENDAM UT ERGO PREDICTE ECCLESIE
SICUT PERPETUAS PREBENDAS P ECCLESIE CONCESSA SUNT COLLATE PERPETUE PREBENDE
PERMANEANT NOS EAS EIDEM P ECCLESIE PRESENTI CARTA ET P NOSTRO PERPETUAS PREBENDAS
CONFIRMAMUS SUB INTERMINATIONE ANATHEMATIS PROHIBENTES NEQUIS HANC NOSTRAM

Charter [00270072]

Charter [00380133]

Charter [00880051]

Charter [00400122]

Charter [00400028]

Description:

<BACK

NEXT>

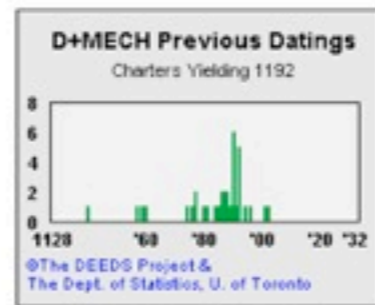


Estimated Date

MCXCII

Previously Dated Charters

Previously dated charters indicate dated charters from the DEEDS Project database that were previously dated with the current algorithm and yielded the same date.



Charter Description

Algorithm

Local Constant Kernel Smoothing Method: Developed at the Dept. of Statistics at UofT in 2003 [Formula 1]

Formula

1

Estimated Date Origin

Date Origin represents a view of the years produced for different lengths of "word parents" and the percentage used on them to calculate a final date.

Word Pattern Length	Estimated Date	%	Subtotal
2	1191	31	370
3	1191	25	293
4	1191	0	0
5	1197	15	180
6	1191	23	270
7	1191	0	0
8	1191	0	0
9	1191	0	0
10	1191	0	0
11	1191	7	79
Total			1192

Statistics

N: 35
 Median: 1188
 Min - Max: 1140 - 1202
 Q1-Q3: 1180 - 1192
 95%: 1157 - 1201
 90%: 1160 - 1194
 Avg Error: 8 years

[<<BACK](#) [Matching Patterns](#) [Text Analysis](#) [Get Report](#)

MATCHING PATTERNS




11-word Patterns

	Seq.	Word Pattern	Total Occurr.	Dated Charters	Born	Dead	Lifetime	Currency
	2	CHRISTI FIDELIBUS AD QUOS PRESENS CARTA PERUENERIT P DEI GRATIA P	10	6	1184	1219	36	5.8





10-word Patterns

	Seq.	Word Pattern	Total Occurr.	Dated Charters	Born	Dead	Lifetime	Currency
	2	CHRISTI FIDELIBUS AD QUOS PRESENS CARTA PERUENERIT P DEI GRATIA	11	7	1184	1219	36	5.0
	3	FIDELIBUS AD QUOS PRESENS CARTA PERUENERIT P DEI GRATIA P	10	6	1184	1219	36	5.8

9-word Patterns

	Seq.	Word Pattern	Total Occurr.	Dated Charters	Born	Dead	Lifetime	Currency
	2	CHRISTI FIDELIBUS AD QUOS PRESENS CARTA PERUENERIT P DEI	11	7	1184	1219	36	5.0
	3	FIDELIBUS AD QUOS PRESENS CARTA PERUENERIT P DEI GRATIA	11	7	1184	1219	36	5.0
	4	AD QUOS PRESENS CARTA PERUENERIT P DEI GRATIA P	15	10	1184	1232	49	4.8

8-word Patterns

	Seq.	Word Pattern	Total Occurr.	Dated Charters	Born	Dead	Lifetime	Currency
	1	UNIERSIS CHRISTI FIDELIBUS AD QUOS PRESENS CARTA PERUENERIT	2	2	1194	1218	25	12.0
	2	CHRISTI FIDELIBUS AD QUOS PRESENS CARTA PERUENERIT P	17	12	1184	1276	93	7.7
	3	FIDELIBUS AD QUOS PRESENS CARTA PERUENERIT P DEI	11	7	1184	1219	36	5.0
	4	AD QUOS PRESENS CARTA PERUENERIT P DEI GRATIA	17	12	1184	1240	57	4.7

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CHART ON DEMAND

This section of the D+MECH program will produce a chart for individual word patterns. To see the chart please insert the word pattern in the field and press the button **View Chart**.

If your word pattern is not found, you could try to building the word pattern with existing words. Type the first word of your word pattern in the field and press the button **Show Next Words** to see a list of words that can be added. Selecting words from the list will allow to build your word pattern that is in the database.

Wp:

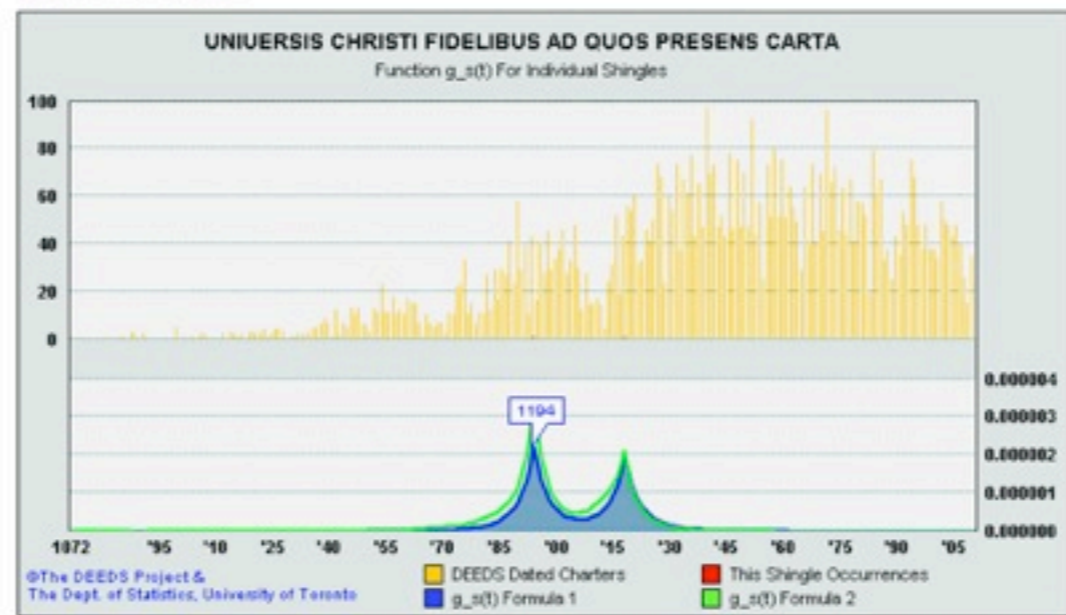
Width: pixels

Height: pixels



This is the chart you requested. It was produced based on an algorithm developed by the Department of Statistics University of Toronto. The yellow bars of the top chart show the number of dated charters in the DEEDS database per year. The red bars indicate the yearly occurrences of this particular word pattern. The line $G_s(t)$ is the function that indicates the probability that this word pattern existed in the years covered by our database, that is between 1072 to 1310 AD.

To know more about this algorithm and how it was developed, please follow [this link](#). Thank you for using the DEEDS Project D+MECH program.



This word pattern was found in 2 charters. To display the data press [here](#). To hid it press [here](#).

Year	Charter Occurrences	Total Occurrences
1194	1	1
1218	1	1

Set: Source: Graphs: Cartulary: [Main Menu](#)
 Type: Date Type: Page Size:
 Mode: Search: Context: Date span: - Words:
 Parties: Alternative Spelling:
 Query:

- (0001)ST. PALL'S CATHEDRAL
- (0002)CLERKENWELL - ST. MARY
- (0003)CAEN - HOLY TRINITY
- (0004)WALTHAM ABBEY
- (0005)WESTMINSTER ABBEY

Documents from 1 to 202 of total 202 (Lines: 23)

Words Before	Query Term	Words After	Document	Date
Anglis atque Walensibus et	<i>universis Christi fidelibus</i>	tam presentibus quam futuris	00810099	1166-1167
Anglis atque Walensibus et	<i>universis Christi fidelibus</i>	tam presentibus quam futuris	01400147	1169
et apostolice sedis legatus	<i>universis Christi fidelibus</i>	salutem Causa que inter	00100278	1175
archiepiscopus tocius Anglie primas	<i>universis Christi fidelibus</i>	ad quos presentes littere	00093130	1182-1182
et apostolice sedis legatus	<i>universis Christi fidelibus</i>	ad quos littere presentes	00712524	1186-1187
gracia Glaston ecclesie abbas	<i>universis Christi fidelibus</i>	ad quos presens scriptum	00771301	1193
Dei gratia Norwic' episcopus	<i>universis Christi fidelibus</i>	per episcopatum Norwic' constitutis	00990255	1201
inibi generalis conuentus Abbatum	<i>universis Christi fidelibus</i>	presentes litteras inspecturis salutem	01862339	1206-1209
et de Eton priores	<i>Universis Christi fidelibus</i>	presens scriptum inspecturis frater	01460107	1223
Notum sit	<i>universis Christi fidelibus</i>	hoc scriptum inspecturis quod	00720296	1226-1227
CIROGRAPHUM	<i>Universis CHRISTI fidelibus</i>	presens scriptum visuris vel	01400491	1234
Carta Radulphi Herefordensis Episcopi	<i>Universis Christi fidelibus</i>	ad duos presens scriptum	01461040	1237
kal Feb anno xxiiii	<i>Universis Christi fidelibus</i>	etc Universitati vestrae notum	01131195	1238
miseratione divina Norwicensis electus	<i>universis Christi fidelibus</i>	presens scriptum visuris vel	00150049	1245
de consensu eorundem ordinavit	<i>Universis Christi fidelibus</i>	presens scriptum visuris vel	01160112	1249
Curtelune de Bristoll' primogenitus	<i>universis Christi fidelibus</i>	presens scriptum visuris vel	01270524	1254-1255
inspeximus in haec verba	<i>Universis Christi fidelibus</i>	presentes litteras visuris vel	01450353	1262
Notum sit	<i>universis Christi fidelibus</i>	hoc scriptum visuris vel	00610192	1270
Notum sit	<i>universis Christi fidelibus</i>	hoc scriptum visuris vel	00610194	1270
Notum sit	<i>universis Christi fidelibus</i>	quod cum anno gratie	01300088	1281
dictorum religiosorum talis est	<i>Universis Christi fidelibus</i>	ad quos presentes littere	00616620	1290
de Tadecastre talis est	<i>Universis Christi fidelibus</i>	ad quos presentes littere	00616620	1290
inspexisse in hac verba	<i>Universis Christi fidelibus</i>	hoc scriptum visuris vel	01710002	1292

Set: Source: Graphs: Cartulary: [Main Menu](#)
 Type: Date Type: Page Size:
 Mode: Search: Context: Date span: - Words:
 Parties: Alternative Spelling:
 Query:

- 10001)ST. PAUL'S CATHEDRAL
- 10002)CLERKENWELL - ST. MARY
- 10003)CAEN - HOLY TRINITY
- 10004)WALTHAM ABBEY
- 10005)WESTMINSTER ABBEY

#00771301 [Find in Text](#)

Henricus Dei gracia Glaston ecclesie abbas universis Christi fidelibus ad quos presens scriptum pervenerit perpetuam in Dno salutem Noverit universitas vestra quod cum filii mei in Christo karissimi monachi Glaston ius quod habebant ex antiquorum largicione abbatum in molendino citra pontem de Stret' et in piscariis ipsi molendino adiacentibus in tempore abbatis Roberti sibi sublati sepe in presenciam mea exposuissent et de ipsis sibi restituendis crebris me petitionibus sollicitassent inquisita super hiis diligenter veritate et cognita viam veritatis elegi dignum ducens iustis servorum Dei postulacionibus gratum impertiri assensum quapropter divine pietatis intuitu et pro anime mee remedio predictum molendinum cum piscariis et mesuagiis terris et pratis et pascuis eidem adiacentibus dilectis michi in Dno monachis Glaston resignavi concessi et presenti carta mea confirmavi libere quiete pacifice in perpetuum possidendum eo omnino modo eo omnino statu quo ipsum antiquitus monachi possedissee noscuntur Habebit scilicet Celerarius Glaston predictum molendinum et predictas piscarias eidem adiacentes integre et plenarie in manu sua et percipiat omnia que inde poterunt provenire comoda salva tertia parte anguillarum que contingit abbatem salva eciam motura curie Glaston que omnino erit quieta Ad ipsum vero molendinum reparandum et emendandum et ad piscarias reparandas et emendandas debet Celerarius habere totum grossum meremium de bosco abbatis et de proprio custo suo Celerarius singula emendabit dominus siquidem abbas ad molas cum necesse fuerit emendandas di semper custum inveniet Constituit autem et concessit conventus Glaston ut singulis annis fiat sollempniter anniversarium meum et ut pascantur in die anniversarii mei xiiij pauperes procurante hoc Cellerario Glaston et quod primis vij annis post decessum meum singulis diebus pro anima mea specialiter missa una cantabitur [...] Acta est vero hec concessio anno verbi incarnati mxciiij in die Oblacionis Sancte Marie et presens carta super altare Beate Marie me offerente posita astantibus eiusdem ville clero et populo

Sciatis presentes et futuri Ego Rad fit Cantuar de Brunet dedi et concessi
et hanc presentem Cartam confirmavi Johi fit Rad p honorario suo et suorum tota
terram q hui In Wacher de feudo de nececulu cu omibz pertinentiis suis
infra villa et extra pter molendinu et mesuagiu sup qd ipm molendinu
situm est. Hanc terram cu omibz pertinentiis suis dedi et concessi p dco Johi
et heredibz suis hndam et tenendam de me et heredibz meis i feudo et hereditate
Libe et quiete iure et pacifice in ppetuu. reddendo inde Annuatim una sum-
mam Libm sxxiiii ad festu sci Decum et quinq sot sxxiiii ad
festu sci michael p omibz servitiis et demeris in et heredibz meis ille
et heredes sui. Hui testibz. Willo abbe de Olynd. Rad capto de Brunet
Rad malet. Ric de Cuba. Johi de Bond villa. Jacobo fit gerardi.
Willo de obge. Willo fit enegardi. Willo de Sandhille. Orbeloco ginet
Robro de Trebge. Reginaldo — Ole — R — J — C — O.

Sanctus Decumanus

Somerset Archives DD\I/
P32/2/17

Dated c. 1210 in their catalogue

Set: Source: Graphs: Cartulary: [Main Menu](#)
 Type: Date Type: Page Size:
 Mode: Search: Context: Date span: - Words:
 Parties: Alternative Spelling:
 Query:

- 0001|ST. PALL'S CATHEDRAL
- 0002|CLERKENWELL - ST. MARY
- 0003|CAEN - HOLY TRINITY
- 0004|WALTHAM ABBEY
- 0005|WESTMINSTER ABBEY

Documents from 1 to 1 of total 1 (Lines: 1)

Words Before	Query Term	Words After	Document	Date
	<i>Decumano</i>		Lullinstokes Galfrido de sancto	Willelmo Deinni Willelmo Poher 01015114 1174