

A Statistical Study of the Text of NA27 Matthew

by James D. Price, August, 2008

This is a study of the textual statistics of the book of Matthew in the 27th edition of the Nestle-Aland Greek New Testament (NA27).¹ It is based on the electronic textual apparatus supplied in the *Stuttgart Electronic Study Bible*.² The NA27 textual apparatus for Matthew contains 1,428 places of variation, excluding those the editors marked with square brackets [] as conjectures; it also contains 270 manuscript (ms) witnesses, including the correctors, ancient versions, and the early Church Fathers. This study includes the evidence from all 270 witnesses as it relates to the existence of text types and the Byzantine tradition as a text prior to the fourth century AD.

The text of NA27 is based primarily on the witness of the two most ancient (4th century AD) complete manuscripts (mss), Sinaiticus, represented by the symbol **Ⲛ** (Aleph),³ and Vaticanus, represented by the symbol B; although a number of other witnesses support the readings of these manuscripts. The first hands of the two mss agree in 954 of the 1,428 places of variation, or 66.8% of the time—a diversity not characteristic of a stable text.

The NA27 text is supported by **Ⲛ** (or one of its correctors) 1,331 times (**Ⲛ*** 1,061x, **Ⲛ**¹ 93x, **Ⲛ**² 91x, and **Ⲛ**^c 68x), and by B (or one of its correctors) 1,234 times (**B*** 1,182x, **B**¹ 25x, and **B**² 27x). The text is supported by both **Ⲛ** (or one of its correctors) and B (or one of its correctors) 1,012 times. The text is supported by **Ⲛ** against B 172 times and by B against **Ⲛ** 201 times. This leaves 43 places of variation where the text is not supported by either **Ⲛ** or B or their correctors. Of these 43 places, 38 are supported by the Majority Text (MT) and 37 by the *Textus Receptus* (TR) of F. H. A. Scrivener (1894 & 1902).⁴ Ms **Ⲛ** (or one of its correctors) has the same reading as the MT (or one of its sub-groups) 828 times (or 58.0%), and Ms B (or one of its correctors) has

¹ Nestle, E., Nestle, E., Aland, K., Aland, B., & Universität Münster. Institut für Neutestamentliche Textforschung. 1993, c1979. *Novum Testamentum Graece*. At head of title: Nestle-Aland. (27. Aufl., rev.). Deutsche Bibelstiftung: Stuttgart.

² Christof Hardmeier, Eep Talstra, and Alan Groves, *The Stuttgart Electronic Study Bible* (Stuttgart: The German Bible Society, 2004).

³ See footnote 10, page 9.

⁴ *Ἡ ΚΑΙΝΗ ΔΙΑΘΗΚΗ—The New Testament: The Greek Text Underlying the English Authorized Version of 1611* (London: The Trinitarian Bible Society, n.d.). The NA27 textual apparatus does not record the readings of the TR. I have added them to my edited version of that data base.

the same reading as the MT (or one of its sub-groups) 724 times (or 50.7%). The MT (or one of its sub-groups) supports the NA27 text 859 times (or 60.1%) and the TR supports the NA27 text 828 times (or 58.0%). These facts indicate that, while the NA27 editors highly regarded the witness of these two mss, other textual factors also were involved in their decisions.

Text Types

Textual scholars generally acknowledge the existence of four text traditions among the surviving manuscripts of the Greek New Testament: the Alexandrian, Western, Caesarean, and Byzantine (Majority Text). The evidence for this conclusion is that each tradition has a collection of readings that are unique to itself, not being shared with the other traditions. The unique readings identify a text tradition as genealogically independent of the others. The non-unique readings exhibit genealogical affinity with the readings of one or more of the other traditions. Genealogical relations among the variant readings of the manuscripts make it possible to trace genealogical descent among the mss, much like DNA does in biology. Genealogical ancestry is determined by consensus among independent witnesses; the probability of the autographic readings may be determined by consensus among the ancient independent witnesses. This section of the study examines the evidence for text types in the book of Matthew.

For establishing a starting point for this study, \aleph and B (together with their correctors) are assumed to be the representative mss for the Alexandrian tradition; the fourth century Old Latin ms ms it^a is assumed to be the representative for the Western tradition, ms Θ the representative for the Caesarean tradition, and the three sub-groups of the MT for the Byzantine tradition.⁵ Under these assumptions, the following data are pertinent:

(1) Alexandrian differs from the MT	499 times	
(2) Alexandrian differs from Western	382 times	
(3) Alexandrian differs from Caesarean	379 times	
(4) Alexandrian differs for all three	586 times	(the uniquely Alexandrian readings)
(5) Western differs from MT	490 times	
(6) Western differs from Alexandrian	382 times	
(7) Western differs from Caesarean	532 times	

⁵ This preliminary assumption is based on Bruce M. Metzger's description of the text types in his *The Text of the New Testament*, 3rd, enlarged edition (New York: Oxford Press, 1992), pp. 213-16. My selection of the prominent mss of each tradition provides an initial approximation of the form of the text traditions. Subsequent genealogical studies, using my genealogical software, will define the boundaries of the traditions more accurately.

(8) Western differs from all three	185 times	(the uniquely Western readings)
(9) Caesarean differs from MT	506 times	
(10) Caesarean differs from Alexandrian	379 times	
(11) Caesarean differs from Western	532 times	
(12) Caesarean differs from all three	117 times	(the uniquely Caesarean readings)
(13) MT differs from Alexandrian	499 times	
(14) MT differs from Western	490 times	
(15) MT differs from Caesarean	506 times	
(16) MT differs from all three	228 times	(the uniquely Byzantine readings)

See Appendix A for a list of how the 270 witnesses agree with these four text types. The 11th column lists the number of uniquely MT readings a ms supports.

The Alexandrian Text Type

The Alexandrian text type of Matthew, as represented herein by **Ⲛ** and/or B (and their correctors), has 586 unique readings that set it off from the other text traditions. The remaining readings are shared with the other text types and are evidence of genealogical mixture with one or more of the other traditions. Besides **Ⲛ** and B, this text tradition is also supported by 19 Papyrus manuscripts, dating from the second to the seventh century, all of which are fragmentary; they support the readings of **Ⲛ** and B (or their correctors) in the range of 63-100% of the time. These papyri support 316 readings, only four of which are among the uniquely Byzantine ones.⁶ Table 1 lists the data, and Appendix B shows the papyri support for each of the four text types.

This text tradition is also supported by 24 uncial mss, a number of which are fragmentary. They support the readings of **Ⲛ** and B (or their correctors) in the range of 61-100% of the time. However, those mss having most of the text support the text only in the range of 60-70%. They support 25,494 readings, 273 of which are among the uniquely Byzantine ones; however, only the 2 from the 4th century and earlier are significant with respect to validating early uniquely Byzantine readings.⁷ Table 2 lists the data, and Appendix C shows the support these mss have for the four text types.

⁶ P⁴⁵ (III) at Matt. 20:30 (2x); 26:7; 26:27.

⁷ 4:10; 18:18 (2x).

Table 1
Papyrus Manuscripts Supporting the Alexandrian Text

	Ms	Date	Alex	Total	%	Uniquely Byz
1	P ⁶⁴	200	61	62	98.4	0
2	P ⁷⁷	200	7	7	100	0
3	P ¹	250	12	12	100	0
4	P ⁴⁵	250	47	62	75.8	4
5	P ⁵³	250	16	19	84.2	0
6	P ⁷⁰	250	10	12	83.3	0
7	P ⁷¹	250	7	7	100	0
8	P ¹⁰¹	250	8	9	88.9	0
9	P ³⁷	300	26	41	63.4	0
10	P ²⁵	350	11	17	64.7	0
11	P ³⁵	350	7	7	100	0
12	P ⁶²	350	5	5	100	0
13	P ¹¹⁰	350	8	11	72.7	0
14	P ⁸⁶	350	6	6	100	0
15	P ¹⁹	400	16	17	94.1	0
16	P ¹⁰⁵	500	2	2	100	0
17	P ⁸³	550	6	6	100	0
18	P ⁹⁶	550	3	3	100	0
19	P ⁴⁴	600	11	11	100	0

This text is also supported by the eight Egyptian translations (c. AD 250) in the range of 83-100%, by seven Latin translations (AD 400+) in the range of 80%, by one Syriac translation (sy^s) at 72.3%, and by the Gothic (c. 350), Armenian (c. 450), Georgian (c. 625), and Slavic (c. 850) translations all at 99%. These versions witness to 21,502 readings of which 141 are uniquely Byzantine readings. However, only the 89 from the 4th century and earlier are significant with respect to validating early uniquely Byzantine readings. Table 3 lists the data, and Appendix D shows the support of these versions for each of the four text types.

The NA27 apparatus lists 43 Church Fathers dating from AD 100 to 466. Their witness is very sparse, several providing only one reading, and the others providing at the most only 94. Combined they provide readings at 811 places of variations, 24 of which support uniquely Byzantine readings.⁸ None of the fathers strongly support any text type except those having a very small number of readings where the statistics has no significance. Nine support the Alexandrian Text in the range of 75-100% (see Table 4), but their witness is so fragmentary as to render their support

⁸ 1:18 (2x); 1:22; 3:25; 7:24; 8:25; 14:25; 16:8; 16:28; 17:3 19:17; 20:22; 25:32; 26:22.

insignificant. They support 245 readings and 3 uniquely Byzantine readings. Appendix E shows the support of all the Church Fathers for the four text types.

Table 2
Manuscripts Supporting the Alexandrian Text

Ms	Date	Alex	Total	%	Unique Byz
0231	350	4	4	100.0%	0
0242	350	25	31	80.6%	1
D05*	450	789	1285	61.4%	41
071	500	9	9	100.0%	0
0170	500	12	12	100.0%	0
Z*	550	374	408	91.7%	4
067	550	63	74	85.1%	3
073	550	30	34	88.2%	0
085	550	55	64	85.9%	2
094	550	11	12	91.7%	0
0237	550	4	5	80.0%	0
0293	550	16	16	100.0%	0
D05 ¹	600	804	1276	63.0%	40
Z ^c	650	375	408	91.9%	4
0275	650	7	7	100.0%	0
0204	650	6	6	100.0%	0
0277	700	6	6	100.0%	0
0281	700	363	402	90.3%	5
0298	800	10	10	100.0%	0
D05 ²	850	805	1277	63.0%	40
0128*	850	6	6	100.0%	0
892*	850	1155	1428	80.9%	92
0128 ^c	950	6	6	100.0%	0
D05 ^c	1150	809	1282	63.1%	41
Total			25,494		273

In summary, the Alexandrian text tradition, as initially assumed to be the text supported by **Ⲛ** and/or **B** (and their correctors), is also supported by 19 papyrus fragments, 24 uncial manuscripts in the range of 60%, 22 ancient versions (10 prior to AD 400) in the range of 80-99%, and 9 Church Fathers. It has 586 unique readings that set it off as an independent tradition. While the witnesses to the text prior to AD 400 support about 75% of its unique readings, the Greek witnesses are quite diverse (in the range of 67%). However the early Egyptian translations support the text in the range of 85-99%, establishing the stability of the text prior to AD 250.

Table 3
Ancient Versions Supporting the Alexandrian Text

Ms	Date	Alex	Total	%	Unique Byz
ac*	250	841	871	96.6%	3
ac ²	250	841	871	96.6%	3
bo ^a	250	943	1060	89.0%	12
bo ^b	250	944	1106	85.4%	14
Mae	250	907	1083	83.7%	18
Mf	250	841	871	96.6%	3
Pbo	250	841	871	96.6%	3
sa ^a	250	940	1026	91.6%	10
sa ^b	250	956	1090	87.7%	18
Got	350	731	733	99.7%	0
vg*	400	958	1150	83.3%	5
Arm	450	730	734	99.5%	0
sy ^s	500	642	888	72.3%	15
vg ^a	500	958	1150	83.3%	5
vg ^b	500	915	1154	79.3%	9
Aeth	500	731	733	99.7%	0
Geo	625	732	734	99.7%	0
Slav	850	731	733	99.7%	0
vg ^s	1590	953	1152	82.7%	5
vg ^{cl}	1592	941	1166	80.7%	8
vg ^{ww}	1889	960	1160	82.8%	5
vg st	1994	967	1166	82.9%	5
Totals			21,502		141

Table 4
Church Fathers Supporting the Alexandrian Text

Ms	Date	Alex	Total	%	Unique Byz
Ptol	180	2	2	100.0%	0
Or ^a	254	73	94	77.7%	1
Or ^b	254	83	111	74.8%	1
Ad	300	1	1	100.0%	0
GrNy	394	1	1	100.0%	0
Did ^a	398	9	12	75.0%	0
Did ^b	398	10	13	76.9%	0
Theoph	412	1	1	100.0%	0
Hier ^b	420	9	10	90.0%	1
Totals			245		3

The Western Text Type

The Western text type of Matthew, as represented herein by the fourth century Old Latin version it^a, has 185 unique readings that set it off from the other traditions. This text tradition is also supported by 20 other Old Latin versions in the range of 85-98% with few exceptions.⁹ In addition, this tradition is supported by P¹⁰¹ at 81.8%, by 3 Church Fathers in the range of 66-100%,

⁹ it^k (83.0%); it^{mu} (78.2%).

and by the uncial fragment 0271 at 100%. Table 5 lists the data, and Appendix F shows how these witnesses support the four text types.

Table 5
Witnessed Supporting the Western Text

Ms	Date	West	Total	%	Unique Byz
Tert	220	4	6	66.7%	0
Cyp	258	18	25	72.0%	1
Eus ^{sy}	339	1	1	100.0%	0
P-110	350	9	11	81.8%	0
it-k*	400	441	531	83.1%	4
it-k ^c	400	442	531	83.2%	4
it-e	450	479	564	84.9%	9
it-b*	450	1054	1135	92.9%	7
it-b ^c	450	1054	1135	92.9%	7
it-ff2	450	747	813	91.9%	8
it-h*	450	860	969	88.8%	21
it-h ^c	450	861	969	88.9%	21
it-mu	450	18	23	78.3%	0
it-n	450	161	164	98.2%	0
it-f	550	994	1173	84.7%	54
it-q*	600	943	1106	85.3%	50
it-q ^c	600	942	1106	85.2%	51
it-aur	650	1078	1171	92.1%	1
it-r1	650	509	548	92.9%	4
it-ff1	750	1050	1176	89.3%	9
it-g	800	1098	1165	94.2%	2
it-g1*	800	1062	1169	90.8%	3
it-g1 ^c	800	1066	1169	91.2%	3
0271	850	11	11	100.0%	0
it-c	1200	1061	1172	90.5%	12
			17,843		271

These 25 witnesses provide 17,843 readings of which 271 are uniquely Byzantine readings. However, only the 9 from the 4th century and earlier are significant with respect to validating early uniquely Byzantine readings. Appendix B shows the relatively weak support of the papyri for the Western Text. Appendices A and C show the relatively weak support of manuscripts for this text. Appendices A and D show the relatively weak support of the non-Latin versions for this text. And Appendix E shows the relatively weak support of the Church Fathers.

In summary, the Western Text of Matthew, as initially represented herein by the 4th century Old Latin ms it^a, is also supported by 20 other Old Latin versions in the range of 75-98%, by three 3rd and 4th century Church Fathers, by one papyrus ms, and by one 9th century uncial fragment. It has 185 unique readings that set it off as an independent tradition. This tradition is established almost exclusively by the Old Latin versions. The text lacks stability, exhibiting diversity mainly in the range of about 80-93%.

The Caesarean Text Type

The Caesarean text type of Matthew, as represented herein by ms Θ, has 117 unique readings that set it off from the other traditions. Of the 1,346 readings preserved in Θ, 970 (72.0%) support the Alexandrian Text, 833 (61.9%) support the Western Text, and 834 (62.0%) support the Byzantine Text, so the ms has considerable mixture. The text is also supported by one Church Father and two uncial fragments (see Table 6). The text is also mildly supported by the Latin Vulgate witnesses and the Armenian version, but these witnesses more strongly support the Alexandrian text. Appendix G shows how well these witnesses agree with the other text types.

Table 6

Witnesses Supporting the Caesarean Text

Ms	Date	Caes	Total	%	Unique Byz
C ^{hom}	250	1	1	100.0%	0
0171	300	12	16	75.0%	0
arm	450	522	734	71.1%	0
vg*	500	712	1150	61.9%	5
vg ^b	500	679	1154	58.8%	9
0271	850	11	11	100.0%	0
vg ^s	1590	710	1152	61.6%	5
vg ^{cl}	1592	710	1166	60.9%	8
vg ^{ww}	1889	712	1160	61.4%	5
vg st	1994	714	1166	61.2%	5
Totals			6660		37

These witnesses support 6,660 Caesarean readings, including 37 uniquely Byzantine readings. However, none of the unique readings occur before the 4th century. Appendix B shows the relatively weak support of the Papyri for this text. Appendices A and C show the relatively weak support of manuscripts for this text. Appendices A and D show the relatively weak support of the non-Latin versions for this text. And Appendix E shows the relatively weak support of the Church Fathers.

In summary, although this tradition is weakly attested, it has 117 unique readings that distinguish it from the others. It may be considered an independent witness of only secondary importance for Matthew.

The Byzantine Text Type

The Majority (or Byzantine) text type of Matthew, as represented in NA27 by the symbol $\bar{\iota}$, together with its two subgroups¹⁰ has 228 unique readings that set it off from the other traditions. This text tradition is supported by 115 witnesses of various types in the range of 81-99%. Table 7 lists the 115 witnesses supporting the Byzantine Text. Apart from the Harclean Syriac, sy^h (AD 616), all the other witnesses are Greek mss. No other versions or Church Fathers support the Byzantine Text more than they do at least one of the other text types. It is significant that the earliest mss support the text the least and have the least number of uniquely Byzantine readings. Appendix H shows how these manuscripts support each of the four text types. Although a number of early mss have genealogical affinity with the Byzantine Text, none is in the range of 90% or better (suggesting a stable text) until the sixth century ms O.¹¹

Table 7

Witnesses Supporting the Byzantine Text

Ms	Date	Byz	Total	%	Uniquely Byz
W*	400	1224	1428	85.7%	173
0160	400	11	12	91.7%	1
C*	450	881	1119	78.7%	104
C ¹	450	878	1064	82.5%	96
A*	450	222	257	86.4%	42
C ²	550	897	1089	82.4%	101
A ^c	550	227	257	88.3%	43
O	550	1427	1428	99.9%	208
078*	550	39	41	95.1%	1
078 ^c	550	40	41	97.6%	1
087	550	14	16	87.5%	3
090	550	35	36	97.2%	9
042	550	1417	1428	99.2%	206
043	550	1408	1428	98.6%	208
N*	550	461	522	88.3%	62
P024	550	146	154	94.8%	19
064	550	23	23	100.0%	5
074	550	182	182	100.0%	31
sy ^h	616	1002	1124	89.1%	92
0106*	650	114	123	92.7%	17
0106 ^c	650	113	124	91.1%	18
0107	650	32	37	86.5%	4
0102	650	114	127	89.8%	21
N ^c	650	463	522	88.7%	62
047	750	1424	1428	99.7%	207
Ms	Date	Byz	Total	%	Uniquely Byz

¹⁰ In this study, in order to avoid mixed fonts in the data base, the Majority Text is represented by the symbol pm^a and its two sub-groups by the symbols pm^b and pm^c respectively. Sub-group pm^b differs from pm^a in 51 places of variation, and pm^c in one place. In addition, manuscripts whose symbol is a non-English character are represented by their corresponding number. Thus \aleph = 01, Γ = G011, Δ = D05, E = E07, H = H013, Θ = 038, Λ = L019, etc.

¹¹ Although uncial 0160 has 91.7% agreement with the MT, it is fragmentary, having readings in only 12 out of the 1428 places of variations. Such a small sample renders the evidence statistically insignificant.

0148	750	19	20	95.0%	2
0161	750	27	32	84.4%	4
0233*	750	1409	1428	98.7%	204
E07	750	1428	1428	100.0%	208
I ¹⁵⁶¹	750	1388	1428	97.2%	203
I	750	1246	1387	89.8%	196
C ³	850	904	1094	82.6%	106
F	850	1422	1428	99.6%	208
G011	850	1428	1428	100.0%	208
H013	850	1426	1428	99.9%	208
M	850	1422	1428	99.6%	206
Y	850	1427	1428	99.9%	208
037*	850	1339	1428	93.8%	202
U	850	1426	1428	99.9%	207
V	850	1427	1428	99.9%	208
0133	850	1427	1428	99.9%	208
0136	850	39	39	100.0%	7
0233 ^c	850	1410	1428	98.7%	204
0196	850	11	11	100.0%	0
565*	850	1326	1428	92.9%	194
K*	850	1397	1428	97.8%	207
I*	850	1408	1428	98.6%	203
I ^{844*}	861	1307	1428	91.5%	176
I ^{844c}	861	1310	1428	91.7%	177
W ^c	900	1225	1427	85.8%	172
1424*	900	1156	1411	81.9%	158
S	949	1426	1428	99.9%	208
1582	949	1286	1428	90.1%	202
036	950	1222	1256	97.3%	193
X	950	1425	1428	99.8%	208
K ^c	950	1396	1428	97.8%	207
037 ^c	950	1338	1428	93.7%	202
0249*	950	9	10	90.0%	2
0249 ^c	950	8	10	80.0%	2
565 ^c	950	1326	1428	92.9%	194
I ^{2211*}	995	1288	1428	90.2%	172
I ^{2211c}	995	1290	1428	90.3%	172
1424 ^c	1000	1158	1411	82.1%	158
I ^{13*}	1000	1169	1428	81.9%	128
348	1022	1427	1428	99.9%	208
28	1050	1424	1428	99.7%	207
237	1050	1427	1428	99.9%	208
474	1050	1427	1428	99.9%	208
700*	1050	1163	1428	81.4%	116
788	1050	1281	1428	89.7%	196
1012	1050	1427	1428	99.9%	208
1293	1050	1427	1428	99.9%	208
238	1100	1427	1428	99.9%	208
157	1122	1426	1428	99.9%	207
1230	1124	1428	1428	100.0%	208
21	1150	1427	1428	99.9%	208
251	1150	1427	1428	99.9%	208
22	1150	1427	1428	99.9%	208
700 ^c	1150	1174	1428	82.2%	119
713	1150	1426	1428	99.9%	208
998	1150	1427	1428	99.9%	208
1010	1150	1425	1428	99.8%	208
1071	1150	1428	1428	100.0%	208
1241*	1150	1096	1194	91.8%	171
1241 ^c	1150	1096	1194	91.8%	172
346	1150	1281	1428	89.7%	196
543	1150	1281	1428	89.7%	196
Ms	Date	Byz	Total	%	Uniquely Byz

826	1150	1281	1428	89.7%	196
828	1150	1281	1428	89.7%	196
983	1150	1281	1428	89.7%	196
225	1192	1427	1428	99.9%	208
1573	1200	1427	1428	99.9%	208
4	1250	1427	1428	99.9%	208
118*	1250	1426	1428	99.9%	208
544	1250	1425	1428	99.8%	207
579*	1250	1291	1428	90.4%	182
1242	1250	1428	1428	100.0%	208
2542	1250	1427	1428	99.9%	208
13	1250	1277	1428	89.4%	196
482	1285	1427	1428	99.9%	208
1093	1302	1427	1428	99.9%	208
1506	1320	1427	1428	99.9%	208
2148	1337	1428	1428	100.0%	208
118 ^c	1350	1427	1428	99.9%	208
579 ^c	1350	1292	1428	90.5%	183
209	1350	1284	1428	89.9%	202
17	1450	1427	1428	99.9%	208
1253	1450	1427	1428	99.9%	208
69	1450	1280	1428	89.6%	196
TR	1892	1395	1428	97.7%	209

Ambiguous Witnesses

Of the 270 witnesses to Matthew in NA27, 41 lack a clear genealogical affinity with any of the four text traditions, being evidently of genealogically mixed origin. Their genealogical descent cannot be inferred on the basis of percentage of agreement, but must be determined later by my genealogical software. Table 8 lists the ambiguous witnesses in order by date.

Table 8

Genealogically Ambiguous Witnesses to Matthew

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
L019*	750	1073	76.6%	637	45.5%	843	60.2%	1005	71.8%	79	1400
L019 ^c	850	1074	76.8%	637	45.5%	842	60.2%	1005	71.8%	78	1399
058	350	7	70.0%	6	60.0%	6	60.0%	7	70.0%	2	10
0234	750	4	80.0%	4	80.0%	2	40.0%	4	80.0%	0	5
33	850	1115	78.1%	655	45.9%	833	58.3%	1050	73.5%	91	1428
892 ^c	950	1123	78.6%	656	45.9%	766	53.6%	1064	74.5%	108	1428
f ^{1*}	900	1069	74.9%	666	46.6%	883	61.8%	1103	77.2%	106	1428
it-d	450	756	59.6%	722	56.9%	580	45.7%	528	41.6%	40	1269
sy ^c	300	779	78.8%	631	63.8%	589	59.6%	704	71.2%	19	989
sy ^p	425	860	79.6%	659	61.0%	665	61.5%	854	79.0%	48	1081
sy ^{ph}	507	770	91.8%	553	65.9%	582	69.4%	759	90.5%	10	839
Irlat ^a	395	33	47.1%	36	51.4%	24	34.3%	16	22.9%	0	70
Irlat ^b	395	34	48.6%	35	50.0%	25	35.7%	15	21.4%	0	70
Ir	150	5	55.6%	2	22.2%	1	11.1%	4	44.4%	2	9
Eus ^a	339	35	41.7%	27	32.1%	36	42.9%	27	32.1%	6	84
Eus ^b	339	34	39.5%	28	32.6%	35	40.7%	27	31.4%	6	86
Ju	1	3	33.3%	4	44.4%	3	33.3%	4	44.4%	1	9
Chr	407	3	50.0%	0	0.0%	2	33.3%	1	16.7%	0	6
Didache	100	1	25.0%	0	0.0%	1	25.0%	2	50.0%	0	4
CyrJ	386	2	66.7%	2	66.7%	1	33.3%	0	0.0%	0	3
Or-lat ^a	254	5	45.5%	4	36.4%	3	27.3%	6	54.5%	1	11
Or-lat ^b	254	4	36.4%	3	27.3%	4	36.4%	5	45.5%	1	11
Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total

Iarm	400	2	40.0%	2	40.0%	3	60.0%	1	20.0%	0	5
Cyr ^a	444	15	55.6%	15	55.6%	14	51.9%	6	22.2%	1	27
Cyr ^b	444	15	51.7%	16	55.2%	15	51.7%	6	20.7%	1	29
Hier ^a	420	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Cl ^a	215	17	51.5%	14	42.4%	16	48.5%	14	42.4%	0	33
Cl ^b	215	19	54.3%	14	40.0%	16	45.7%	14	40.0%	0	35
Athen	180	0	0.0%	1	100.0%	1	100.0%	1	100.0%	0	1
Bas	379	4	100.0%	4	100.0%	1	25.0%	0	0.0%	0	4
Ath	373	1	100.0%	0	0.0%	1	100.0%	0	0.0%	0	1
Hipp	235	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	1
Hil	367	1	50.0%	1	50.0%	0	0.0%	0	0.0%	0	2
Epiph ^a	403	4	50.0%	1	12.5%	3	37.5%	0	0.0%	0	8
Epiph ^b	403	4	50.0%	1	12.5%	2	25.0%	1	12.5%	0	8
Thret	466	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Lcf	371	1	16.7%	5	83.3%	1	16.7%	1	16.7%	0	6
Basil ^{cl}	150	1	100.0%	1	100.0%	1	100.0%	1	100.0%	0	1
Mar ^{lr}	150	1	16.7%	1	16.7%	2	33.3%	3	50.0%	1	6
Mar ^{lr-lat}	150	0	16.7%	0	16.7%	0	33.3%	0	50.0%	0	0
Acac	366	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	1

Byzantine as a Text before the Fourth Century

For those who claim that the Byzantine (MT) Text, or its derivative the *Textus Receptus* (TR), is the autographic text or at least its best representative, an important consideration is the evidence supporting that claim. If that claim is valid, one would expect the text to have early witnesses, that is, complete (or nearly complete) manuscripts containing all (or nearly all) Byzantine readings. The problem is that the earliest witnesses to the text have the least percentage of Byzantine readings (see Table 7 and the discussion on p. 9), contrary to this expectation. The typical explanation for this dilemma is that all the good early copies of the MT perished from use, an argument from silence; surely providence would have preserved a few. In order to support this claim, it is said that all (or most of) the Byzantine readings are found in the early witnesses to the other text types. This section of the study examines the evidence for that claim.

In all the Tables in the previous sections of this study a column was provided listing the number of uniquely Byzantine readings supported by the relevant witnesses. By looking at the mere numbers in that column one might get the impression that this claim is true. However, an exhaustive study of when these unique readings were first contained in any manuscript indicates otherwise. Table 9 lists the 228 places of variation where the Byzantine Text has a unique reading. The second column lists the reference where the variation occurs, and the third column lists the variation unit number and variant number for each unique reading; the number before the period is the variation unit number, and the number after the period is the variant number. For example, “19.2” refers to the 19th place of variation, and the 2nd variant at that place. In the NA27 text, this variant (γενεσί) occurs in Matthew 1:18. The following explains how to interpret the evidence in

Table 9. For example, row 10 indicated that variant 56.2 first appeared sometime between AD 500 and 600 during which time the variant occurred in three witnesses of that date.¹²

Counting the entries in the date columns, the table indicates that 60 of the 228 unique readings (26.3%) occurred in some witnesses prior to AD 400; by AD 400, 190 of the 228 variants (83.3%) had occurred in some witnesses; by AD 500, 213 of the 228 variants (93.4%) had occurred in some witnesses; and by AD 600, all the unique readings but one were accounted for; this exception is recorded in row 201, variant 1288.5; this is the 5th variant in Matthew 26:59 which reads θαντωσωσιν αυτον. This variant is supported by only four late mss¹³ and part of the MT; it occurs first in the 9th century. This may appear insignificant because it involves only part of the MT. However, the other part of the MT supports variant 1288.3, another uniquely MT reading, θαντωσουσιν αυτον, a spelling variation; and this reading is supported by only four mss¹⁴ dating from AD 400 and later. Interestingly, the NA27 editors selected seven of the uniquely Byzantine readings as original against both \aleph and B (65.1, 66.1, 314.1, 899.1, 946.1, 949.1, and 1171.1), two being supported by mss dating from before AD 400 (946.1 and 949.1).

Table 9

Date when Variant First Introduced

	Variant	Reference	< 400	<= 400	<= 500	< 600	<= 600
1	19.2	1:18	19.2 3	19.2 3	19.2 3	19.2 6	19.2 6
2	24.2	1:22	24.2 2	24.2 2	24.2 2	24.2 5	24.2 5
3	27.2	1:24		27.2 1	27.2 3	27.2 7	27.2 8
4	31.2	1:25		31.2 2	31.2 9	31.2 16	31.2 17
5	35.2	2:8		35.2 1	35.2 1	35.2 4	35.2 4
6	36.2	2:9		36.2 1	36.2 1	36.2 4	36.2 4
7	44.2	2:17	44.2 1	44.2 2	44.2 7	44.2 11	44.2 12
8	45.2	2:19		45.2 1	45.2 3	45.2 7	45.2 7
9	46.2	2:21		46.2 1	46.2 2	46.2 6	46.2 7
10	56.2	3:10				56.2 3	56.2 3
11	63.2	3:16			63.2 4	63.2 9	63.2 9
12	65.1	3:16		65.1 1	65.1 5	65.1 10	65.1 11
13	66.1	3:16		66.1 1	66.1 5	66.1 10	66.1 11
	Variant	Reference	< 400	<= 400	<= 500	< 600	<= 600

¹² The second number in the date columns is the number of witnesses containing that variant up to that time. For example, the variant 56.2 occurred in 3 different mss between AD 500 and 600.

¹³ K (c. 850), 565 (c. 850), 036 (c. 950), and 579 (c. 1250).

¹⁴ W(c. 400), A (c. 450), D05 (c. 450), and 1241 (c. 1150).

14	74.2	4:3		74.2 2	74.2 4	74.2 10	74.2 10
15	81.2	4:10	81.2 1	81.2 1	81.2 8	81.2 13	81.2 14
16	93.4	4:23		93.4 1	93.4 1	93.4 4	93.4 4
17	135.2	5:36				135.2 3	135.2 3
18	162.2	6:4		162.2 1	162.2 6	162.2 9	162.2 10
19	201.4	6:28		201.4 1	201.4 1	201.4 5	201.4 5
20	203.2	6:32		203.2 1	203.2 1	203.2 5	203.2 5
21	205.3	6:34				205.3 1	205.3 1
22	228.2	7:21		228.2 1	228.2 1	228.2 4	228.2 4
23	235.2	7:24	235.2 4	235.2 7	235.2 11	235.2 16	235.2 18
24	239.2	7:26			239.2 2	239.2 6	239.2 6
25	245.2	7:29			245.2 3	245.2 6	245.2 6
26	248.2	8:2		248.2 1	248.2 3	248.2 8	248.2 8
27	272.2	8:25	272.2 2	272.2 2	272.2 4	272.2 8	272.2 8
28	275.3	8:28		275.3 1	275.3 1	275.3 4	275.3 4
29	281.2	8:31		281.2 1	281.2 6	281.2 12	281.2 14
30	283.2	8:32	283.2 3	283.2 3	283.2 3	283.2 7	283.2 7
31	284.2	8:34	284.2 1	284.2 2	284.2 4	284.2 9	284.2 9
32	289.2	9:1	289.2 2	289.2 3	289.2 4	289.2 8	289.2 8
33	314.1	9:18			314.1 1	314.1 5	314.1 5
34	387.2	10:33			387.2 2	387.2 6	387.2 6
35	406.2	11:8				406.2 5	406.2 5
36	420.2	11:23			420.2 5	420.2 10	420.2 12
37	440.2	12:10			440.2 3	440.2 6	440.2 6
38	450.4	12:14			460.3 2	450.4 4	450.4 4
39	460.3	12:22			465.3 2	460.3 7	460.3 9
40	465.3	12:27				465.3 7	465.3 7
41	478.3	12:36		478.3 1	478.3 1	478.3 5	478.3 5
42	479.2	12:38	479.2 1	479.2 2	479.2 3	479.2 6	479.2 6
43	497.3	13:1		497.3 2	497.3 6	497.3 10	497.3 10
44	498.2	13:2			498.2 2	498.2 5	498.2 6
45	515.2	13:16		515.2 1	515.2 1	515.2 5	515.2 5
46	521.2	13:23		521.2 1	521.2 3	521.2 8	521.2 8
47	524.3	13:25	524.3 1	524.3 4	524.3 9	524.3 13	524.3 16
48	529.2	13:29		529.2 1	529.2 1	529.2 4	529.2 4
49	554.2	13:46		554.2 1	554.2 3	554.2 10	554.2 12
50	559.2	13:48		559.2 1	559.2 3	559.2 7	559.2 8
51	565.3	13:52				565.3 4	565.3 4
52	567.2	13:55			567.2 2	567.2 5	567.2 6
53	568.2	13:55	568.2 2	568.2 5	568.2 5	568.2 8	568.2 9
54	569.3	13:57	569.3 9	569.3 10	569.3 10	569.3 14	569.3 14
55	576.2	14:3		576.2 1	576.2 3	576.2 8	576.2 8
56	579.3	14:6		579.3 1	579.3 1	579.3 4	579.3 4
	Variant	Reference	< 400	<= 400	<= 500	< 600	<= 600

57	588.2	14:12	588.2 3	588.2 4	588.2 4	588.2 7	588.2 7
58	591.2	14:13		591.2 1	591.2 3	591.2 7	591.2 7
59	594.2	14:14		594.2 1	594.2 6	594.2 12	594.2 14
60	603.2	14:18		603.2 1	603.2 4	603.2 9	603.2 9
61	606.2	14:19	606.2 1	606.2 1	606.2 2	606.2 7	606.2 7
62	616.2	14:25	616.2 1	616.2 2	616.2 5	616.2 10	616.2 11
63	617.2	14:25	617.2 2	617.2 2	617.2 6	617.2 11	617.2 12
64	618.4	14:26		618.4 1	618.4 3	618.4 10	618.4 10
65	619.4	14:26		619.4 1	619.4 1	619.4 6	619.4 6
66	622.2	14:28				622.2 5	622.2 5
67	626.2	14:32		626.2 1	626.2 3	626.2 9	626.2 9
68	632.2	15:1		632.2 1	632.2 3	632.2 9	632.2 9
69	643.2	15:8		643.2 1	643.2 3	643.2 9	643.2 11
70	652.2	15:14		652.2 1	652.2 3	652.2 7	652.2 9
71	659.4	15:22		659.4 1	659.4 3	659.4 7	659.4 7
72	668.4	15:30			668.4 2	668.4 3	668.4 3
73	669.2	15:30		669.2 1	669.2 4	669.2 10	669.2 12
74	683.3	15:35		683.3 1	683.3 1	683.3 6	683.3 6
75	685.2	15:35		685.2 1	685.2 2	685.2 9	685.2 9
76	686.2	15:35		686.2 1	686.2 3	686.2 9	686.2 9
77	704.2	16:8	704.2 5	704.2 6	704.2 10	704.2 16	704.2 16
78	706.2	16:11		706.2 1	706.2 1	706.2 4	706.2 4
79	708.2	16:12	708.2 2	708.2 3	708.2 6	708.2 11	708.2 13
80	717.2	16:17		717.2 1	717.2 3	717.2 8	717.2 10
81	718.2	16:17				718.2 3	718.2 3
82	737.4	16:23		737.4 1	737.4 1	737.4 4	737.4 4
83	743.2	16:28	743.3 2	743.2 1	743.2 1	743.2 1	743.2 1
84	743.3	16:28		743.3 2	743.3 2	743.3 2	743.3 2
85	751.2	17:3		751.2 1	751.2 6	751.2 11	751.2 13
86	758.3	17:7		758.3 1	758.3 3	758.3 7	758.3 9
87	763.2	17:11			763.2 3	763.2 9	763.2 11
88	773.2	17:20		773.2 1	773.2 7	773.2 12	773.2 14
89	776.3	17:20		776.3 1	776.3 3	776.3 7	776.3 7
90	783.5	17:25		783.5 1	783.5 1	783.5 4	783.5 4
91	785.3	17:26	785.3 2	785.3 3	785.3 4	785.3 8	785.3 10
92	788.2	17:27			788.2 2	788.2 5	788.2 6
93	797.2	18:8	797.2 2	797.2 3	797.2 3	797.2 7	797.2 7
94	816.3	18:18	816.3 1	816.3 2	816.3 2	816.3 6	816.3 6
95	817.3	18:18	817.3 1	817.3 2	817.3 2	817.3 6	817.3 6
96	819.3	18:19		819.3 1	819.3 1	819.3 4	819.3 4
97	819.4	18:19				819.4 3	819.4 3
98	832.2	18:26		832.2 1	832.2 1	832.2 5	832.2 7
99	835.2	18:28	835.2 2	835.2 2	835.2 7	835.2 13	835.2 13
	Variant	Reference	< 400	<= 400	<= 500	< 600	<= 600

100	836.2	18:29	836.2 1	836.2 2	836.2 3	836.2 8	836.2 10
101	849.2	18:35		849.2 1	849.2 6	849.2 11	849.2 11
102	853.2	19:3	853.2 1	853.2 2	853.2 6	853.2 9	853.2 12
103	872.2	19:16	872.2 1	872.2 2	872.2 8	872.2 13	872.2 14
104	874.2	19:16		874.2 1	874.2 1	874.2 4	874.2 4
105	875.2	19:17	875.2 3	875.2 4	875.2 7	875.2 12	875.2 14
106	877.2	19:17		877.2 1	877.2 1	877.2 4	877.2 4
107	892.3	19:24		892.3 1	892.3 3	892.3 7	892.3 7
108	893.2	19:25	893.2 2	893.2 3	893.2 3	893.2 6	893.2 6
109	896.2	19:28			896.2 2	896.2 2	896.2 2
110	899.1	19:29		899.1 1	899.1 5	899.1 9	899.1 10
111	906.2	20:6		906.2 1	906.2 5	906.2 9	906.2 11
112	907.3	20:7	907.3 1	907.3 2	907.3 4	907.3 7	907.3 9
113	912.4	20:10		912.4 1	912.4 2	912.4 6	912.4 7
114	914.2	20:13	914.2 1	914.2 2	914.2 7	914.2 14	914.2 16
115	918.2	20:15	918.2 9	918.2 10	918.2 15	918.2 21	918.2 23
116	922.2	20:17	922.2 1	922.2 2	922.2 11	922.2 18	922.2 21
117	929.2	20:22	929.2 1	929.2 2	929.2 7	929.2 13	929.2 15
118	930.2	20:23	930.2 2	930.2 3	930.2 7	930.2 13	930.2 15
119	932.2	20:23		932.2 1	932.2 6	932.2 12	932.2 14
120	934.2	20:23	934.2 1	934.2 2	934.2 4	934.2 9	934.2 9
121	946.1	20:30	946.1 2	946.1 3	946.1 6	946.1 12	946.1 14
122	947.2	20:30	947.2 1	947.2 1	947.2 5	947.2 8	947.2 9
123	948.2	20:31		948.2 1	948.2 3	948.2 8	948.2 8
124	949.1	20:31	949.1 3	949.1 4	949.1 7	949.1 13	949.1 15
125	956.2	20:34	956.2 1	956.2 2	956.2 5	956.2 10	956.2 12
126	961.2	21:2		961.2 1	961.2 3	961.2 8	961.2 8
127	962.2	21:2		962.2 1	962.2 1	962.2 5	962.2 5
128	966.3	21:3		966.3 1	966.3 3	966.3 8	966.3 8
129	973.2	21:7		973.2 1	973.2 3	973.2 8	973.2 8
130	980.2	21:11	980.2 2	980.2 4	980.2 15	980.2 22	980.2 24
131	983.2	21:13		983.2 1	983.2 5	983.2 10	983.2 11
132	984.2	21:14	984.2 1	984.2 2	984.2 4	984.2 9	984.2 9
133	985.2	21:15		985.2 1	985.2 3	985.2 8	985.2 8
134	991.2	21:22		991.2 1	991.2 3	991.2 7	991.2 7
135	992.2	21:23		992.2 1	992.2 1	992.2 5	992.2 5
136	1007.2	21:29		1007.2 1	1007.2 6	1007.2 10	1007.2 12
137	1015.2	21:38		1015.2 1	1015.2 4	1015.2 8	1015.2 10
138	1021.2	21:46		1021.2 1	1021.2 3	1021.2 7	1021.2 7
139	1022.2	21:46	1022.2 10	1022.2 11	1022.2 17	1022.2 22	1022.2 23
140	1027.2	22:7		1027.2 1	1027.2 5	1027.2 10	1027.2 13
141	1034.3	22:13		1034.3 1	1034.3 3	1034.3 8	1034.3 8
142	1044.2	22:25		1044.2 1	1044.2 3	1044.2 6	1044.2 7
	Variant	Reference	< 400	<= 400	<= 500	< 600	<= 600

143	1046.2	22:28		1046.2 1	1046.2 1	1046.2 4	1046.2 4
144	1048.2	22:30		1049.4 1	1049.4 1	1048.2 3	1048.2 3
145	1049.4	22:30				1049.4 4	1049.4 4
146	1050.2	22:30		1050.2 1	1050.2 3	1050.2 6	1050.2 7
147	1062.2	22:39	1062.2 3	1062.2 3	1062.2 3	1062.2 3	1062.2 3
148	1065.3	22:43		1065.3 1	1065.3 2	1065.3 5	1065.3 7
149	1072.2	23:3		1072.2 1	1072.2 2	1072.2 5	1072.2 7
150	1076.2	23:5	1076.2 3	1076.2 4	1076.2 9	1076.2 14	1076.2 16
151	1078.2	23:7	1078.2 1	1078.2 2	1078.2 5	1078.2 8	1078.2 9
152	1081.2	23:8	1081.2 1	1081.2 1	1081.2 1	1081.2 4	1081.2 4
153	1087.3	23:13		1087.3 1	1087.3 2	1087.3 6	1087.3 6
154	1091.2	23:21		1091.2 1	1091.2 5	1091.2 7	1091.2 8
155	1092.2	23:23		1092.2 1	1092.2 3	1092.2 7	1092.2 7
156	1096.2	23:25		1108.2 1	1096.2 3	1096.2 7	1096.2 7
157	1108.2	23:37		1111.2 1	1108.2 3	1108.2 7	1108.2 7
158	1111.2	24:1			1111.2 3	1111.2 7	1111.2 7
159	1112.2	24:3		1112.2 1	1112.2 3	1112.2 6	1112.2 7
160	1113.2	24:6		1113.2 1	1113.2 4	1113.2 8	1113.2 8
161	1121.2	24:17		1121.2 1	1121.2 1	1121.2 4	1121.2 4
162	1123.2	24:18		1123.2 1	1123.2 1	1123.2 2	1123.2 2
163	1125.4	24:20				1125.4 4	1125.4 4
164	1127.2	24:21		1127.2 1	1127.2 3	1127.2 6	1127.2 7
165	1131.2	24:28	1131.2 1	1131.2 2	1131.2 3	1131.2 6	1131.2 8
166	1133.2	24:30		1133.2 1	1133.2 1	1133.2 4	1133.2 4
167	1146.2	24:36		1146.2 1	1146.2 1	1146.2 5	1146.2 5
168	1159.3	24:45			1159.3 4	1159.3 7	1159.3 8
169	1160.2	24:46		1160.2 1	1160.2 1	1160.2 5	1160.2 7
170	1168.2	25:4		1168.2 2	1168.2 9	1168.2 15	1168.2 15
171	1171.1	25:6		1171.1 1	1171.1 3	1171.1 7	1171.1 8
172	1174.2	25:13			1174.2 1	1174.2 5	1174.2 5
173	1182.3	25:20		1182.3 1	1182.3 5	1182.3 11	1182.3 11
174	1183.2	25:21	1183.2 2	1183.2 3	1183.2 4	1183.2 5	1183.2 5
175	1187.3	25:22		1187.3 1	1187.3 5	1187.3 11	1187.3 11
176	1198.2	25:31		1198.2 1	1198.2 3	1198.2 9	1198.2 9
177	1199.2	25:32	1199.2 2	1199.2 3	1199.2 4	1199.2 9	1199.2 9
178	1214.2	26:7		1214.2 1	1214.2 2	1214.2 7	1214.2 7
179	1216.2	26:7	1216.2 1	1216.2 2	1216.2 3	1216.2 8	1216.2 8
180	1217.2	26:8	1217.2 2	1217.2 3	1217.2 6	1217.2 13	1217.2 15
181	1218.2	26:9				1218.2 4	1218.2 6
182	1219.2	26:9		1219.2 1	1219.2 4	1219.2 5	1219.2 6
183	1228.3	26:22	1228.3 2	1228.3 3	1228.3 4	1228.3 9	1228.3 9
184	1229.3	26:23		1229.3 1	1229.3 3	1229.3 8	1229.3 8
185	1232.2	26:26		1232.2 2	1232.2 3	1232.2 8	1232.2 8
	Variant	Reference	< 400	<= 400	<= 500	< 600	<= 600

186	1233.2	26:26		1233.2 1	1233.2 2	1233.2 3	1233.2 3
187	1235.2	26:27	1235.2 1	1235.2 1	1235.2 6	1235.2 8	1235.2 9
188	1237.2	26:28		1237.2 1	1237.2 4	1237.2 10	1237.2 10
189	1239.2	26:29		1239.2 1	1239.2 6	1239.2 13	1239.2 13
190	1245.2	26:33	1245.2 4	1245.2 4	1245.2 6	1245.2 10	1245.2 10
191	1255.2	26:36		1255.2 1	1255.2 4	1255.2 11	1255.2 11
192	1264.2	26:42		1264.2 1	1264.2 6	1264.2 14	1264.2 16
193	1265.3	26:43				1265.3 4	1265.3 4
194	1266.2	26:44			1266.2 1	1266.2 6	1266.2 6
195	1266.3	26:44		1266.3 1	1266.3 2	1266.3 3	1266.3 5
196	1275.2	26:52		1275.2 1	1275.2 4	1275.2 10	1275.2 10
197	1276.2	26:52		1276.2 1	1276.2 2	1276.2 2	1276.2 2
198	1283.2	26:55		1283.2 2	1283.2 5	1283.2 10	1283.2 10
199	1287.2	26:59		1287.2 1	1287.2 5	1287.2 14	1287.2 16
200	1288.3	26:59		1288.3 1	1288.3 2	1288.3 8	1288.3 8
201	1288.5	26:59					
202	1290.2	26:60		1290.2 1	1290.2 3	1290.2 10	1290.2 10
203	1297.2	26:65		1297.2 1	1297.2 3	1297.2 9	1297.2 9
204	1301.2	26:69		1301.2 1	1301.2 4	1301.2 11	1301.2 11
205	1303.3	26:70		1303.3 1	1303.3 3	1303.3 4	1303.3 4
206	1307.2	26:71			1307.2 3	1307.2 5	1307.2 5
207	1319.2	27:3		1319.2 1	1319.2 2	1319.2 6	1319.2 6
208	1322.2	27:5		1322.2 1	1322.2 4	1322.2 9	1322.2 9
209	1326.2	27:11		1326.2 1	1326.2 2	1326.2 7	1326.2 7
210	1333.2	27:21		1333.2 1	1333.2 4	1333.2 9	1333.2 10
211	1335.2	27:22				1335.2 5	1335.2 5
212	1336.2	27:33		1336.2 1	1336.2 2	1336.2 7	1336.2 7
213	1344.2	27:29		1344.2 1	1344.2 4	1344.2 10	1344.2 11
214	1352.2	27:33		1352.2 1	1352.2 2	1352.2 7	1352.2 7
215	1353.2	27:34	1353.2 1	1353.2 2	1353.2 6	1353.2 11	1353.2 13
216	1361.2	27:41	1361.2 3	1361.2 3	1361.2 5	1361.2 8	1361.2 9
217	1362.3	27:41			1362.3 1	1362.3 5	1362.3 5
218	1365.3	27:42		1365.3 1	1365.3 1	1365.3 3	1365.3 3
219	1370.3	27:44		1370.3 1	1370.3 1	1370.3 5	1370.3 5
220	1374.4	27:46		1374.4 1	1374.4 2	1374.4 8	1374.4 10
221	1375.2	27:47			1375.2 3	1375.2 8	1375.2 9
222	1380.2	27:51	1380.2 1	1380.2 2	1380.2 4	1380.2 9	1380.2 9
223	1381.2	27:52		1381.2 1	1381.2 4	1381.2 10	1381.2 10
224	1391.2	27:61	1391.2 3	1391.2 4	1391.2 7	1391.2 11	1391.2 12
225	1393.3	27:64			1393.3 1	1393.3 1	1393.3 1
226	1402.2	28:2		1402.2 1	1402.2 7	1402.2 14	1402.2 16
227	1409.2	28:8		1409.2 1	1409.2 4	1409.2 9	1409.2 10
228	1410.2	28:9			1410.2 3	1410.2 10	1410.2 12

One may still argue that the reason for this lack of early support of the Byzantine text is the paucity of witnesses prior to AD 400. Appendix A lists 67 witnesses that date prior to AD 400, although all of them are fragmentary to some degree except \aleph and B. Nevertheless, 12 of the 67 have readings at 50% or more of the 1428 places of variation. These are all ancient versions, including the oldest Old Latin and oldest Syriac witnesses, that bear witness to 11,738 readings. Table 10 lists the data.

Table 10

Percentage of Text in Pre-400 Witnesses

Witness	Date	Number of Readings	Percentage of Text
ac*	250	871	61.0%
ac ²	250	871	61.0%
bo ^a	250	1060	74.2%
bo ^b	250	1106	77.4%
mae	250	1083	75.8%
mf	250	871	61.0%
sy ^c	250	989	69.2%
pbo	250	871	61.0%
sa ^a	250	1026	71.8%
sa ^b	250	1090	76.3%
it ^a	350	1167	81.7%
got	350	733	51.3%
Total		11,738	

Now one may still suppose that not all the places of variation have witnesses dating before AD 400, and that this accounts for the paucity of uniquely Byzantine readings before AD 400. However, an exhaustive electronic search indicated that all 1428 places of variation have at least one pre-400 witness. So it is significant that only 60 of the 228 uniquely Byzantine readings (26.3%) are witnessed before AD 400. On the other hand, it is significant that nearly all the pre-400 witnesses demonstrate greater genealogical affinity to the Alexandrian text-type than to the Byzantine text-type. The next section investigates the pre-400 witnesses to the uniquely Alexandrian readings.

Alexandrian as a Text before AD 400

Contrary to the Byzantine Text, the Alexandrian Text has significantly better pre-400 support for its unique readings; 442 of its 586 unique readings (75.4%) are supported by at least one witness dating before AD 400. The witnesses dating before AD 350 support 215 of the 585 uniquely Alexandrian readings (36.7%); and those before AD 300 support 196 of the 586 unique readings (33.4%). This indicates that the Alexandrian Text has earlier genealogical roots than does the Byzantine Text. These data indicate that the Alexandrian Text is not identical with the autographic text, but this observation is not significant because no one claims that identity. While the NA27 editors usually granted priority to the Alexandrian Text, they sometimes decided on the priority of non-Alexandrian readings, some of which are supported by the Byzantine text.

Conclusion

This study has demonstrated that there is sufficient evidence to accept the existence of four independent text types: Alexandrian, Western, Caesarean, and Byzantine, although the evidence for an independent Caesarean Text is weak—it appears to have considerable mixture. While the witnesses to the Alexandrian Text are more diverse than those of the Byzantine Text, yet the Alexandrian Text has deeper and earlier genealogical roots than does the Byzantine Text. The Byzantine Text has no witnesses with strong genealogical affinity (> 90%) prior to the sixth century, and those early representatives that do exist are the most diverse. In addition, only 26% of the uniquely Byzantine readings are found in witnesses prior to AD 400, even though each of the 1428 places of variation has at least one witness prior to that date. All this evidence suggests the later development of the Byzantine Text. By contrast, 75% of the uniquely Alexandrian readings have supporting witnesses prior to AD 400, suggesting a significantly earlier development of that text type, even though its representatives are more diverse.

Appendix A

This appendix shows the number of times the text of the listed manuscripts agree with the text of the assumed four text types. The manuscripts are listed in order by date.¹⁵

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
Ju	100	3	33.3%	4	44.4%	3	33.3%	4	44.4%	1	9
Didache	100	1	25.0%	0	0.0%	1	25.0%	2	50.0%	0	4
Ir	150	5	55.6%	2	22.2%	1	11.1%	4	44.4%	2	9
Basil ^{cl}	150	1	100.0%	1	100.0%	1	100.0%	1	100.0%	0	1
Mar ^{lr}	150	1	16.7%	1	16.7%	2	33.3%	3	50.0%	1	6
Mar ^{lr-lat}	150	0	16.7%	0	16.7%	0	33.3%	0	50.0%	0	0
Athen	180	0	0.0%	1	100.0%	1	100.0%	1	100.0%	0	1
Ptol	180	2	100.0%	1	50.0%	1	50.0%	0	0.0%	0	2
P ⁶⁴	200	61	98.4%	35	56.5%	42	67.7%	53	85.5%	0	62
P ⁷⁷	200	7	100.0%	4	57.1%	6	85.7%	6	85.7%	0	7
Cl ^a	215	17	51.5%	14	42.4%	16	48.5%	14	42.4%	0	33
Cl ^b	215	19	54.3%	14	40.0%	16	45.7%	14	40.0%	0	35
Tert	220	2	33.3%	4	66.7%	1	16.7%	1	16.7%	0	6
Hipp	235	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	1
Clhom	250	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	1
P ¹	250	12	100.0%	1	8.3%	2	16.7%	5	41.7%	0	12
P ⁴⁵	250	47	75.8%	29	46.8%	43	69.4%	38	61.3%	4	62
P ^{53*}	250	16	84.2%	10	52.6%	13	68.4%	14	73.7%	0	19
P ⁷⁰	250	10	83.3%	9	75.0%	6	50.0%	10	83.3%	0	12
P ¹⁰¹	250	8	88.9%	4	44.4%	0	0.0%	6	66.7%	0	9
ac*	250	841	96.6%	554	63.6%	580	66.6%	701	80.5%	3	871
ac ²	250	841	96.6%	554	63.6%	580	66.6%	701	80.5%	3	871
bo ^a	250	943	89.0%	631	59.5%	636	60.0%	737	69.5%	12	1060
bo ^b	250	944	85.4%	653	59.0%	625	56.5%	702	63.5%	14	1106
mae	250	907	83.7%	661	61.0%	664	61.3%	736	68.0%	18	1083
mf	250	841	96.6%	554	63.6%	580	66.6%	701	80.5%	3	871
pbo	250	841	96.6%	554	63.6%	580	66.6%	701	80.5%	3	871
sa ^a	250	940	91.6%	604	58.9%	630	61.4%	718	70.0%	10	1026
sa ^b	250	956	87.7%	614	56.3%	631	57.9%	704	64.6%	18	1090
Or ^a	254	73	77.7%	22	23.4%	41	43.6%	12	12.8%	1	94
Or ^b	254	83	74.8%	35	31.5%	55	49.5%	19	17.1%	1	111
Or ^{lata}	254	5	45.5%	4	36.4%	3	27.3%	6	54.5%	1	11
Or ^{latb}	254	4	36.4%	3	27.3%	4	36.4%	5	45.5%	1	11
Cyp	258	9	36.0%	18	72.0%	12	48.0%	4	16.0%	1	25
Ad	300	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1
P ^{37*}	300	26	63.4%	15	36.6%	24	58.5%	16	39.0%	0	41
0171	300	11	68.8%	9	56.3%	12	75.0%	12	75.0%	0	16
sy ^c	300	779	78.8%	631	63.8%	589	59.6%	704	71.2%	19	989
Eus ^a	339	35	41.7%	27	32.1%	36	42.9%	27	32.1%	6	84
Eus ^b	339	34	39.5%	28	32.6%	35	40.7%	27	31.4%	6	86
Eus ^{sr}	339	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	1
it-a	350	785	67.3%	1167	100.0%	635	54.4%	677	58.0%	0	1167
got	350	731	99.7%	482	65.8%	524	71.5%	664	90.6%	0	733
P ²⁵	350	11	64.7%	7	41.2%	9	52.9%	9	52.9%	0	17
P ³⁵	350	7	100.0%	4	57.1%	6	85.7%	4	57.1%	0	7
P ^{53c}	350	17	89.5%	9	47.4%	14	73.7%	15	78.9%	0	19
Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
P ⁶²	350	5	100.0%	3	60.0%	4	80.0%	4	80.0%	0	5

¹⁵ The NA27 apparatus usually lists dates in Roman numerals by century except where a more exact date is known; in that case, the dates are listed in Arabic numerals. In this work, I list all dates in Arabic numerals for the sake of consistency and the requirements on my software. When converting the Roman numerals to Arabic ones, the following conversion is followed: II-III = 200; III = 250; III-IV = 300; IV = 350, etc.

P ⁷¹	350	7	100.0%	4	57.1%	6	85.7%	4	57.1%	0	7
P ^{86*}	350	6	100.0%	4	66.7%	4	66.7%	5	83.3%	0	6
P ¹¹⁰	350	8	72.7%	9	81.8%	6	54.5%	8	72.7%	0	11
O1*	350	1425	100.0%	570	40.0%	703	49.3%	691	48.5%	0	1425
B*	350	1428	100.0%	573	40.1%	727	50.9%	686	48.0%	0	1428
B ¹	350	1408	100.0%	584	41.5%	739	52.5%	705	50.1%	0	1408
058	350	7	70.0%	6	60.0%	6	60.0%	7	70.0%	2	10
0231	350	4	100.0%	0	0.0%	2	50.0%	2	50.0%	0	4
0242	350	25	80.6%	23	74.2%	23	74.2%	23	74.2%	1	31
Acac	366	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Hil	367	1	50.0%	1	50.0%	0	0.0%	0	0.0%	0	2
Lcf	371	1	16.7%	5	83.3%	1	16.7%	1	16.7%	0	6
Ath	373	1	100.0%	0	0.0%	1	100.0%	0	0.0%	0	1
Bas	379	4	100.0%	4	100.0%	1	25.0%	0	0.0%	0	4
CyrJ	386	2	66.7%	2	66.7%	1	33.3%	0	0.0%	0	3
GrNy	394	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Irlat ^a	395	33	47.1%	36	51.4%	24	34.3%	16	22.9%	0	70
Irlat ^b	395	34	48.6%	35	50.0%	25	35.7%	15	21.4%	0	70
Did ^a	398	9	75.0%	3	25.0%	5	41.7%	1	8.3%	0	12
Did ^b	398	10	76.9%	3	23.1%	5	38.5%	1	7.7%	0	13
Irarm	400	2	40.0%	2	40.0%	3	60.0%	1	20.0%	0	5
P ¹⁹	400	16	94.1%	9	52.9%	15	88.2%	15	88.2%	0	17
P ²¹	400	3	75.0%	3	75.0%	3	75.0%	3	75.0%	0	4
0160	400	10	83.3%	3	25.0%	8	66.7%	11	91.7%	1	12
P ^{37c}	400	26	63.4%	16	39.0%	25	61.0%	17	41.5%	0	41
W*	400	974	68.2%	658	46.1%	785	55.0%	1224	85.7%	173	1428
it-k*	400	372	70.1%	441	83.1%	234	44.1%	289	54.4%	4	531
it-k ^c	400	372	70.1%	442	83.2%	234	44.1%	289	54.4%	4	531
vg*	400	958	83.3%	887	77.1%	712	61.9%	827	71.9%	5	1150
Epiph ^a	403	4	50.0%	1	12.5%	3	37.5%	0	0.0%	0	8
Epiph ^b	403	4	50.0%	1	12.5%	2	25.0%	1	12.5%	0	8
Chr	407	3	50.0%	0	0.0%	2	33.3%	1	16.7%	0	6
Theoph	412	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Hier ^a	420	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Hier ^b	420	9	90.0%	1	10.0%	2	20.0%	4	40.0%	1	10
sy ^p	425	860	79.6%	659	61.0%	665	61.5%	854	79.0%	48	1081
Cyr ^a	444	15	55.6%	15	55.6%	14	51.9%	6	22.2%	1	27
Cyr ^b	444	15	51.7%	16	55.2%	15	51.7%	6	20.7%	1	29
Thret	466	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1
it-b*	450	764	67.3%	1054	92.9%	628	55.3%	662	58.3%	7	1135
it-b ^c	450	763	67.2%	1054	92.9%	629	55.4%	661	58.2%	7	1135
it-d	450	756	59.6%	722	56.9%	580	45.7%	528	41.6%	40	1269
it-e	450	383	67.9%	479	84.9%	316	56.0%	287	50.9%	9	564
it-ff2	450	537	66.1%	747	91.9%	474	58.3%	473	58.2%	8	813
it-h*	450	638	65.8%	860	88.8%	554	57.2%	591	61.0%	21	969
it-h ^c	450	637	65.7%	861	88.9%	553	57.1%	590	60.9%	21	969
it-mu	450	16	69.6%	18	78.3%	13	56.5%	15	65.2%	0	23
it-n	450	116	70.7%	161	98.2%	107	65.2%	99	60.4%	0	164
Arm	450	730	99.5%	482	65.7%	522	71.1%	662	90.2%	0	734
A*	450	170	66.1%	101	39.3%	135	52.5%	222	86.4%	42	257
C*	450	837	74.8%	489	43.7%	614	54.9%	881	78.7%	104	1119
C ¹	450	803	75.5%	486	45.7%	602	56.6%	878	82.5%	96	1064
D05*	450	789	61.4%	679	52.8%	600	46.7%	565	44.0%	41	1285
P ¹⁰⁵	500	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	2
071	500	9	100.0%	6	66.7%	0	0.0%	6	66.7%	0	9
0170	500	12	100.0%	8	66.7%	8	66.7%	9	75.0%	0	12
vg ^a	500	958	83.3%	887	77.1%	712	61.9%	827	71.9%	5	1150
vg ^b	500	915	79.3%	876	75.9%	679	58.8%	782	67.8%	9	1154
aeth	500	731	99.7%	482	65.8%	524	71.5%	664	90.6%	0	733
sy ^s	500	642	72.3%	529	59.6%	479	53.9%	542	61.0%	15	888
sy ^{ph}	507	770	91.8%	553	65.9%	582	69.4%	759	90.5%	10	839
Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
it-f	550	736	62.7%	994	84.7%	625	53.3%	799	68.1%	54	1173

P ⁸³	550	6	100.0%	4	66.7%	3	50.0%	4	66.7%	0	6
P ⁹⁶	550	3	100.0%	2	66.7%	0	0.0%	2	66.7%	0	3
01 ¹	550	1365	100.0%	610	44.7%	733	53.7%	749	54.9%	0	1365
A ^c	550	168	65.4%	102	39.7%	136	52.9%	227	88.3%	43	257
O	550	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
C ²	550	813	74.7%	497	45.6%	613	56.3%	897	82.4%	101	1089
Z [*]	550	374	91.7%	196	48.0%	209	51.2%	232	56.9%	4	408
042	550	954	66.8%	663	46.4%	820	57.4%	1417	99.2%	206	1428
043	550	947	66.3%	658	46.1%	809	56.7%	1408	98.6%	208	1428
067	550	63	85.1%	35	47.3%	47	63.5%	56	75.7%	3	74
073	550	30	88.2%	12	35.3%	22	64.7%	17	50.0%	0	34
078 [*]	550	36	87.8%	24	58.5%	31	75.6%	39	95.1%	1	41
078 ^c	550	35	85.4%	25	61.0%	32	78.0%	40	97.6%	1	41
085	550	55	85.9%	28	43.8%	40	62.5%	36	56.3%	2	64
087	550	13	81.3%	9	56.3%	8	50.0%	14	87.5%	3	16
090	550	18	50.0%	19	52.8%	15	41.7%	35	97.2%	9	36
094	550	11	91.7%	8	66.7%	9	75.0%	9	75.0%	0	12
0237	550	4	80.0%	3	60.0%	3	60.0%	3	60.0%	0	5
0293	550	16	100.0%	8	50.0%	12	75.0%	8	50.0%	0	16
P024	550	103	66.9%	73	47.4%	82	53.2%	146	94.8%	19	154
064	550	17	73.9%	8	34.8%	9	39.1%	23	100.0%	5	23
074	550	117	64.3%	72	39.6%	98	53.8%	182	100.0%	31	182
N [*]	550	338	64.8%	254	48.7%	321	61.5%	461	88.3%	62	522
P ⁴⁴	600	11	100.0%	7	63.6%	7	63.6%	9	81.8%	0	11
B ²	600	1422	100.0%	588	41.4%	745	52.4%	719	50.6%	0	1422
D05 ¹	600	804	63.0%	688	53.9%	611	47.9%	580	45.5%	40	1276
it-q [*]	600	702	63.5%	943	85.3%	596	53.9%	738	66.7%	50	1106
it-q ^c	600	701	63.4%	942	85.2%	595	53.8%	739	66.8%	51	1106
sy ^h	616	855	76.1%	645	57.4%	692	61.6%	1002	89.1%	92	1124
geo	625	732	99.7%	482	65.7%	524	71.4%	664	90.5%	0	734
it-r1	650	365	66.6%	509	92.9%	330	60.2%	306	55.8%	4	548
it-aur	650	812	69.3%	1078	92.1%	639	54.6%	695	59.4%	1	1171
01 ²	650	1391	100.0%	626	45.0%	761	54.7%	780	56.1%	0	1391
Z ^c	650	375	91.9%	196	48.0%	210	51.5%	233	57.1%	4	408
0102	650	85	66.9%	50	39.4%	71	55.9%	114	89.8%	21	127
0106 [*]	650	86	69.9%	63	51.2%	71	57.7%	114	92.7%	17	123
0106 ^c	650	84	67.7%	65	52.4%	69	55.6%	113	91.1%	18	124
0107	650	29	78.4%	14	37.8%	24	64.9%	32	86.5%	4	37
0204	650	6	100.0%	2	33.3%	5	83.3%	1	16.7%	0	6
0275	650	7	100.0%	4	57.1%	4	57.1%	5	71.4%	0	7
N ^c	650	336	64.4%	255	48.9%	319	61.1%	463	88.7%	62	522
0277	700	6	100.0%	3	50.0%	5	83.3%	5	83.3%	0	6
0281	700	363	90.3%	190	47.3%	246	61.2%	266	66.2%	5	402
L019 [*]	750	1073	76.6%	637	45.5%	843	60.2%	1005	71.8%	79	1400
047	750	958	67.1%	666	46.6%	822	57.6%	1424	99.7%	207	1428
0148	750	14	70.0%	9	45.0%	10	50.0%	19	95.0%	2	20
0161	750	24	75.0%	15	46.9%	19	59.4%	27	84.4%	4	32
0233 [*]	750	961	67.3%	667	46.7%	824	57.7%	1409	98.7%	204	1428
0234	750	4	80.0%	4	80.0%	2	40.0%	4	80.0%	0	5
E07	750	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
j ¹⁵⁶¹	750	956	66.9%	665	46.6%	808	56.6%	1388	97.2%	203	1428
l	750	845	69.9%	637	45.9%	810	58.4%	1246	89.8%	196	1387
it-ff1	750	808	68.7%	1050	89.3%	618	52.6%	682	58.0%	9	1176
it-g	800	808	69.4%	1098	94.2%	652	56.0%	710	60.9%	2	1165
it-g1 [*]	800	794	67.9%	1062	90.8%	644	55.1%	683	58.4%	3	1169
it-g1 ^c	800	794	67.9%	1066	91.2%	644	55.1%	687	58.8%	3	1169
slav	850	731	99.7%	482	65.8%	524	71.5%	664	90.6%	0	733
0298	800	10	100.0%	4	40.0%	8	80.0%	8	80.0%	0	10
K [*]	850	942	66.0%	673	47.1%	820	57.4%	1397	97.8%	207	1428
P ^{86c}	850	5	83.3%	4	66.7%	5	83.3%	6	100.0%	0	6
pm ^a	850	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
pm ^b	850	938	65.7%	669	46.8%	819	57.4%	1428	100.0%	221	1428

pm ^c	850	959	67.2%	669	46.8%	824	57.7%	1428	100.0%	209	1428
C ³	850	803	73.4%	488	44.6%	611	55.9%	904	82.6%	106	1094
D05 ²	850	805	63.0%	687	53.8%	613	48.0%	580	45.4%	40	1277
F	850	954	66.8%	665	46.6%	820	57.4%	1422	99.6%	208	1428
G011	850	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
H013	850	958	67.1%	667	46.7%	823	57.6%	1426	99.9%	208	1428
L019 ^c	850	1074	76.8%	637	45.5%	842	60.2%	1005	71.8%	78	1399
M	850	957	67.0%	669	46.8%	823	57.6%	1422	99.6%	206	1428
V	850	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
U	850	959	67.2%	668	46.8%	824	57.7%	1426	99.9%	207	1428
Y	850	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
037*	850	939	65.8%	649	45.4%	823	57.6%	1339	93.8%	202	1428
038*	850	970	72.1%	633	47.0%	1346	100.0%	842	62.6%	0	1346
0128*	850	6	100.0%	3	50.0%	4	66.7%	3	50.0%	0	6
0133	850	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
0136	850	29	74.4%	14	35.9%	20	51.3%	39	100.0%	7	39
0196	850	10	90.9%	6	54.5%	7	63.6%	11	100.0%	0	11
0233 ^c	850	960	67.2%	668	46.8%	825	57.8%	1410	98.7%	204	1428
0271	850	10	90.9%	11	100.0%	11	100.0%	10	90.9%	0	11
565*	850	937	65.6%	655	45.9%	836	58.5%	1326	92.9%	194	1428
33	850	1115	78.1%	655	45.9%	833	58.3%	1050	73.5%	91	1428
892*	850	1155	80.9%	650	45.5%	775	54.3%	1030	72.1%	92	1428
1*	850	956	66.9%	661	46.3%	814	57.0%	1408	98.6%	203	1428
1 ^{844*}	861	993	69.5%	651	45.6%	822	57.6%	1307	91.5%	176	1428
1 ^{844c}	861	993	69.5%	650	45.5%	824	57.7%	1310	91.7%	177	1428
W ^c	900	973	68.2%	658	46.1%	787	55.2%	1225	85.8%	172	1427
1424*	900	920	65.2%	639	45.3%	799	56.6%	1156	81.9%	158	1411
f ^{1*}	900	1069	74.9%	666	46.6%	883	61.8%	1103	77.2%	106	1428
S	949	958	67.1%	668	46.8%	823	57.6%	1426	99.9%	208	1428
1582	949	872	61.1%	660	46.2%	816	57.1%	1286	90.1%	202	1428
036	950	837	66.6%	576	45.9%	692	55.1%	1222	97.3%	193	1256
X	950	959	67.2%	667	46.7%	823	57.6%	1425	99.8%	208	1428
037 ^c	950	939	65.8%	648	45.4%	822	57.6%	1338	93.7%	202	1428
038 ^c	950	967	71.8%	634	47.1%	1346	100.0%	841	62.5%	0	1346
0128 ^c	950	6	100.0%	4	66.7%	5	83.3%	4	66.7%	0	6
0249*	950	5	50.0%	0	0.0%	3	30.0%	9	90.0%	2	10
0249 ^c	950	6	60.0%	0	0.0%	2	20.0%	8	80.0%	2	10
565 ^c	950	937	65.6%	655	45.9%	836	58.5%	1326	92.9%	194	1428
892 ^c	950	1123	78.6%	656	45.9%	766	53.6%	1064	74.5%	108	1428
K ^c	950	942	66.0%	674	47.2%	819	57.4%	1396	97.8%	207	1428
1 ^{2211*}	995	1003	70.2%	651	45.6%	822	57.6%	1288	90.2%	172	1428
1 ^{2211c}	995	1004	70.3%	651	45.6%	823	57.6%	1290	90.3%	172	1428
1 ^{424c}	1000	918	65.1%	641	45.4%	799	56.6%	1158	82.1%	158	1411
f ^{13*}	1000	1005	70.4%	637	44.6%	955	66.9%	1169	81.9%	128	1428
348	1022	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
474	1050	959	67.2%	670	46.9%	825	57.8%	1427	99.9%	208	1428
28	1050	958	67.1%	667	46.7%	822	57.6%	1424	99.7%	207	1428
237	1050	960	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
1293	1050	959	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
700*	1050	1026	71.8%	655	45.9%	919	64.4%	1163	81.4%	116	1428
1012	1050	959	67.2%	670	46.9%	824	57.7%	1427	99.9%	208	1428
788	1050	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
238	1100	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
157	1122	959	67.2%	668	46.8%	824	57.7%	1426	99.9%	207	1428
1230	1124	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
01 ^c	1150	1313	100.0%	597	45.5%	721	54.9%	734	55.9%	0	1313
251	1150	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
D05 ^c	1150	809	63.1%	688	53.7%	613	47.8%	584	45.6%	41	1282
21	1150	959	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
22	1150	959	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
700 ^c	1150	1024	71.7%	658	46.1%	913	63.9%	1174	82.2%	119	1428
Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
713	1150	958	67.1%	667	46.7%	824	57.7%	1426	99.9%	208	1428

998	1150	959	67.2%	668	46.8%	825	57.8%	1427	99.9%	208	1428
1010	1150	957	67.0%	667	46.7%	823	57.6%	1425	99.8%	208	1428
1071	1150	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
1241*	1150	792	66.3%	545	45.6%	634	53.1%	1096	91.8%	171	1194
1241 ^c	1150	790	66.2%	543	45.5%	634	53.1%	1096	91.8%	172	1194
346	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
543	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
826	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
828	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
983	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
225	1192	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
1573	1200	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
it-c	1200	778	66.4%	1061	90.5%	630	53.8%	698	59.6%	12	1172
4	1250	959	67.2%	669	46.8%	825	57.8%	1427	99.9%	208	1428
118*	1250	959	67.2%	668	46.8%	824	57.7%	1426	99.9%	208	1428
544	1250	958	67.1%	670	46.9%	823	57.6%	1425	99.8%	207	1428
579*	1250	997	69.8%	634	44.4%	827	57.9%	1291	90.4%	182	1428
1242	1250	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
2542	1250	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
13	1250	868	60.8%	644	45.1%	879	61.6%	1277	89.4%	196	1428
482	1285	959	67.2%	670	46.9%	824	57.7%	1427	99.9%	208	1428
1093	1302	959	67.2%	670	46.9%	824	57.7%	1427	99.9%	208	1428
1506	1320	959	67.2%	668	46.8%	825	57.8%	1427	99.9%	208	1428
2148	1337	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
118 ^c	1350	960	67.2%	668	46.8%	825	57.8%	1427	99.9%	208	1428
579 ^c	1350	996	69.7%	634	44.4%	827	57.9%	1292	90.5%	183	1428
209	1350	871	61.0%	658	46.1%	814	57.0%	1284	89.9%	202	1428
17	1450	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
1253	1450	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
69	1450	869	60.9%	644	45.1%	882	61.8%	1280	89.6%	196	1428
vg ^s	1590	953	82.7%	887	77.0%	710	61.6%	822	71.4%	5	1152
vg ^{cl}	1592	941	80.7%	907	77.8%	710	60.9%	825	70.8%	8	1166
vg st	1994	967	82.9%	891	76.4%	714	61.2%	827	70.9%	5	1166
vg ^{ww}	1889	960	82.8%	891	76.8%	712	61.4%	830	71.6%	5	1160
TR	1892	945	66.2%	666	46.6%	822	57.6%	1395	97.7%	209	1428

Appendix B

This appendix shows the number of times the text of the Papyrus manuscripts agree with the text of the assumed four text types. The manuscripts are listed in order by date.

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
P ⁷⁷	200	7	100.0%	4	57.1%	6	85.7%	6	85.7%	0	7
P ¹	250	12	100.0%	1	8.3%	2	16.7%	5	41.7%	0	12
P ⁴⁵	250	47	75.8%	29	46.8%	43	69.4%	38	61.3%	4	62
P ^{53*}	250	16	84.2%	10	52.6%	13	68.4%	14	73.7%	0	19
P ⁷⁰	250	10	83.3%	9	75.0%	6	50.0%	10	83.3%	0	12
P ¹⁰¹	250	8	88.9%	4	44.4%	0	0.0%	6	66.7%	0	9
P ^{37*}	300	26	63.4%	15	36.6%	24	58.5%	16	39.0%	0	41
P ²⁵	350	11	64.7%	7	41.2%	9	52.9%	9	52.9%	0	17
P ³⁵	350	7	100.0%	4	57.1%	6	85.7%	4	57.1%	0	7
P ^{53c}	350	17	89.5%	9	47.4%	14	73.7%	15	78.9%	0	19
P ⁶²	350	5	100.0%	3	60.0%	4	80.0%	4	80.0%	0	5
P ⁷¹	350	7	100.0%	4	57.1%	6	85.7%	4	57.1%	0	7
P ^{86*}	350	6	100.0%	4	66.7%	4	66.7%	5	83.3%	0	6
P ¹⁹	400	16	94.1%	9	52.9%	15	88.2%	15	88.2%	0	17
P ²¹	400	3	75.0%	3	75.0%	3	75.0%	3	75.0%	0	4
P ^{37c}	400	26	63.4%	16	39.0%	25	61.0%	17	41.5%	0	41
P ¹⁰⁵	500	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	2
P ⁸³	550	6	100.0%	4	66.7%	3	50.0%	4	66.7%	0	6
P ⁹⁶	550	3	100.0%	2	66.7%	0	0.0%	2	66.7%	0	3
P ⁴⁴	600	11	100.0%	7	63.6%	7	63.6%	9	81.8%	0	11

Appendix C

This appendix shows the number of times the text of the manuscripts that support the Alexandrian Text agree with the text of the assumed four text types. The manuscripts are listed in order by date.

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
0231	350	4	100.0%	0	0.0%	2	50.0%	2	50.0%	0	4
0242	350	25	80.6%	23	74.2%	23	74.2%	23	74.2%	1	31
D05*	450	789	61.4%	679	52.8%	600	46.7%	565	44.0%	41	1285
071	500	9	100.0%	6	66.7%	0	0.0%	6	66.7%	0	9
0170	500	12	100.0%	8	66.7%	8	66.7%	9	75.0%	0	12
Z*	550	374	91.7%	196	48.0%	209	51.2%	232	56.9%	4	408
067	550	63	85.1%	35	47.3%	47	63.5%	56	75.7%	3	74
073	550	30	88.2%	12	35.3%	22	64.7%	17	50.0%	0	34
085	550	55	85.9%	28	43.8%	40	62.5%	36	56.3%	2	64
094	550	11	91.7%	8	66.7%	9	75.0%	9	75.0%	0	12
0237	550	4	80.0%	3	60.0%	3	60.0%	3	60.0%	0	5
0293	550	16	100.0%	8	50.0%	12	75.0%	8	50.0%	0	16
D05 ¹	600	804	63.0%	688	53.9%	611	47.9%	580	45.5%	40	1276
Z ^c	650	375	91.9%	196	48.0%	210	51.5%	233	57.1%	4	408
0275	650	7	100.0%	4	57.1%	4	57.1%	5	71.4%	0	7
0204	650	6	100.0%	2	33.3%	5	83.3%	1	16.7%	0	6
0277	700	6	100.0%	3	50.0%	5	83.3%	5	83.3%	0	6
0281	700	363	90.3%	190	47.3%	246	61.2%	266	66.2%	5	402
0298	800	10	100.0%	4	40.0%	8	80.0%	8	80.0%	0	10
D052	850	805	63.0%	687	53.8%	613	48.0%	580	45.4%	40	1277
0128*	850	6	100.0%	3	50.0%	4	66.7%	3	50.0%	0	6
892*	850	1155	80.9%	650	45.5%	775	54.3%	1030	72.1%	92	1428
0128 ^c	950	6	100.0%	4	66.7%	5	83.3%	4	66.7%	0	6
D05 ^c	1150	809	63.1%	688	53.7%	613	47.8%	584	45.6%	41	1282

Appendix D

This appendix shows the number of times the text of the ancient versions that agree with the Alexandrian Text of the assumed four text types. The manuscripts are listed in order by date.

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
ac*	250	841	96.6%	554	63.6%	580	66.6%	701	80.5%	3	871
ac ²	250	841	96.6%	554	63.6%	580	66.6%	701	80.5%	3	871
bo ^a	250	943	89.0%	631	59.5%	636	60.0%	737	69.5%	12	1060
bo ^b	250	944	85.4%	653	59.0%	625	56.5%	702	63.5%	14	1106
mae	250	907	83.7%	661	61.0%	664	61.3%	736	68.0%	18	1083
mf	250	841	96.6%	554	63.6%	580	66.6%	701	80.5%	3	871
pbo	250	841	96.6%	554	63.6%	580	66.6%	701	80.5%	3	871
sa ^a	250	940	91.6%	604	58.9%	630	61.4%	718	70.0%	10	1026
sa ^b	250	956	87.7%	614	56.3%	631	57.9%	704	64.6%	18	1090
got	350	731	99.7%	482	65.8%	524	71.5%	664	90.6%	0	733
vg*	400	958	83.3%	887	77.1%	712	61.9%	827	71.9%	5	1150
arm	450	730	99.5%	482	65.7%	522	71.1%	662	90.2%	0	734
sy ^s	500	642	72.3%	529	59.6%	479	53.9%	542	61.0%	15	888
vg ^a	500	958	83.3%	887	77.1%	712	61.9%	827	71.9%	5	1150
vg ^b	500	915	79.3%	876	75.9%	679	58.8%	782	67.8%	9	1154
aeth	500	731	99.7%	482	65.8%	524	71.5%	664	90.6%	0	733
geo	625	732	99.7%	482	65.7%	524	71.4%	664	90.5%	0	734
slav	850	731	99.7%	482	65.8%	524	71.5%	664	90.6%	0	733
vg ^s	1590	953	82.7%	887	77.0%	710	61.6%	822	71.4%	5	1152
vg ^{cl}	1592	941	80.7%	907	77.8%	710	60.9%	825	70.8%	8	1166
vg ^{ww}	1889	960	82.8%	891	76.8%	712	61.4%	830	71.6%	5	1160
vg st	1994	967	82.9%	891	76.4%	714	61.2%	827	70.9%	5	1166

Appendix E

This appendix shows the number of times the text of the Church Fathers agree with the text of the assumed four text types. The manuscripts are listed in order by date.

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
Ju	100	3	33.3%	4	44.4%	3	33.3%	4	44.4%	1	9
Didache	100	1	25.0%	0	0.0%	1	25.0%	2	50.0%	0	4
Ir	150	5	55.6%	2	22.2%	1	11.1%	4	44.4%	2	9
Basil ^{cl}	150	1	100.0%	1	100.0%	1	100.0%	1	100.0%	0	1
Mar ^{ir}	150	1	16.7%	1	16.7%	2	33.3%	3	50.0%	1	6
Mar ^{ir-lat}	150	0	16.7%	0	16.7%	0	33.3%	0	50.0%	0	0
Athen	180	0	0.0%	1	100.0%	1	100.0%	1	100.0%	0	1
Ptol	180	2	100.0%	1	50.0%	1	50.0%	0	0.0%	0	2
Cl ^a	215	17	51.5%	14	42.4%	16	48.5%	14	42.4%	0	33
Cl ^b	215	19	54.3%	14	40.0%	16	45.7%	14	40.0%	0	35
Tert	220	2	33.3%	4	66.7%	1	16.7%	1	16.7%	0	6
Hipp	235	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	1
Cl ^{hom}	250	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	1
Or ^a	254	73	77.7%	22	23.4%	41	43.6%	12	12.8%	1	94
Or ^b	254	83	74.8%	35	31.5%	55	49.5%	19	17.1%	1	111
Or ^{lata}	254	5	45.5%	4	36.4%	3	27.3%	6	54.5%	1	11
Or ^{latb}	254	4	36.4%	3	27.3%	4	36.4%	5	45.5%	1	11
Cyp	258	9	36.0%	18	72.0%	12	48.0%	4	16.0%	1	25
Ad	300	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Eus ^a	339	35	41.7%	27	32.1%	36	42.9%	27	32.1%	6	84
Eus ^b	339	34	39.5%	28	32.6%	35	40.7%	27	31.4%	6	86
Eus ^{sr}	339	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	1
Acac	366	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Hil	367	1	50.0%	1	50.0%	0	0.0%	0	0.0%	0	2
Lcf	371	1	16.7%	5	83.3%	1	16.7%	1	16.7%	0	6
Ath	373	1	100.0%	0	0.0%	1	100.0%	0	0.0%	0	1
Bas	379	4	100.0%	4	100.0%	1	25.0%	0	0.0%	0	4
CyrJ	386	2	66.7%	2	66.7%	1	33.3%	0	0.0%	0	3
GrNy	394	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Irlat ^a	395	33	47.1%	36	51.4%	24	34.3%	16	22.9%	0	70
Irlat ^b	395	34	48.6%	35	50.0%	25	35.7%	15	21.4%	0	70
Did ^a	398	9	75.0%	3	25.0%	5	41.7%	1	8.3%	0	12
Did ^b	398	10	76.9%	3	23.1%	5	38.5%	1	7.7%	0	13
Iram	400	2	40.0%	2	40.0%	3	60.0%	1	20.0%	0	5
Epiph ^a	403	4	50.0%	1	12.5%	3	37.5%	0	0.0%	0	8
Epiph ^b	403	4	50.0%	1	12.5%	2	25.0%	1	12.5%	0	8
Chr	407	3	50.0%	0	0.0%	2	33.3%	1	16.7%	0	6
Theoph	412	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Hier ^a	420	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	1
Hier ^b	420	9	90.0%	1	10.0%	2	20.0%	4	40.0%	1	10
Cyr ^a	444	15	55.6%	15	55.6%	14	51.9%	6	22.2%	1	27
Cyr ^b	444	15	51.7%	16	55.2%	15	51.7%	6	20.7%	1	29
Thret	466	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	1

Appendix F

This appendix shows how the witnesses supporting the Western Text agree with the four text types. The witnesses are listed in order of date.

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
Tert	220	2	33.3%	4	66.7%	1	16.7%	1	16.7%	0	6
Cyp	258	9	36.0%	18	72.0%	12	48.0%	4	16.0%	1	25
Eus ^{37r}	339	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	1
P ¹⁰	350	8	72.7%	9	81.8%	6	54.5%	8	72.7%	0	11
it-k*	400	372	70.1%	441	83.1%	234	44.1%	289	54.4%	4	531
it-k ^c	400	372	70.1%	442	83.2%	234	44.1%	289	54.4%	4	531
it-e	450	383	67.9%	479	84.9%	316	56.0%	287	50.9%	9	564
it-b*	450	764	67.3%	1054	92.9%	628	55.3%	662	58.3%	7	1135
it-b ^c	450	763	67.2%	1054	92.9%	629	55.4%	661	58.2%	7	1135
it-ff2	450	537	66.1%	747	91.9%	474	58.3%	473	58.2%	8	813
it-h*	450	638	65.8%	860	88.8%	554	57.2%	591	61.0%	21	969
it-h ^c	450	637	65.7%	861	88.9%	553	57.1%	590	60.9%	21	969
it-mu	450	16	69.6%	18	78.3%	13	56.5%	15	65.2%	0	23
it-n	450	116	70.7%	161	98.2%	107	65.2%	99	60.4%	0	164
it-f	550	736	62.7%	994	84.7%	625	53.3%	799	68.1%	54	1173
it-q*	600	702	63.5%	943	85.3%	596	53.9%	738	66.7%	50	1106
it-q ^c	600	701	63.4%	942	85.2%	595	53.8%	739	66.8%	51	1106
it-aur	650	812	69.3%	1078	92.1%	639	54.6%	695	59.4%	1	1171
it-r1	650	365	66.6%	509	92.9%	330	60.2%	306	55.8%	4	548
it-ff1	750	808	68.7%	1050	89.3%	618	52.6%	682	58.0%	9	1176
it-g	800	808	69.4%	1098	94.2%	652	56.0%	710	60.9%	2	1165
it-g1*	800	794	67.9%	1062	90.8%	644	55.1%	683	58.4%	3	1169
it-g1 ^c	800	794	67.9%	1066	91.2%	644	55.1%	687	58.8%	3	1169
0271	850	10	90.9%	11	100.0%	11	100.0%	10	90.9%	0	11
it-c	1200	778	66.4%	1061	90.5%	630	53.8%	698	59.6%	12	1172

Appendix G

This appendix shows how the witnesses supporting the Caesarean Text agree with the four text types. The witnesses are listed in order of date.

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
Cl ^{hom}	250	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	1
0171	300	11	68.8%	9	56.3%	12	75.0%	12	75.0%	0	16
arm	450	730	99.5%	482	65.7%	522	71.1%	662	90.2%	0	734
vg*	500	958	83.3%	887	77.1%	712	61.9%	827	71.9%	5	1150
vg ^b	500	915	79.3%	876	75.9%	679	58.8%	782	67.8%	9	1154
0271	850	10	90.9%	11	100.0%	11	100.0%	10	90.9%	0	11
vg ^s	1590	953	82.7%	887	77.0%	710	61.6%	822	71.4%	5	1152
vg ^{cl}	1592	941	80.7%	907	77.8%	710	60.9%	825	70.8%	8	1166
vg ^{ww}	1889	960	82.8%	891	76.8%	712	61.4%	830	71.6%	5	1160
vg st	1994	967	82.9%	891	76.4%	714	61.2%	827	70.9%	5	1166

Appendix H

This appendix shows how the witnesses supporting the Byzantine Text agree with the four text types. The witnesses are listed in order of date.

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
W*	400	974	68.2%	658	46.1%	785	55.0%	1224	85.7%	173	1428
0160	400	10	83.3%	3	25.0%	8	66.7%	11	91.7%	1	12
A*	450	170	66.1%	101	39.3%	135	52.5%	222	86.4%	42	257
C*	450	837	74.8%	489	43.7%	614	54.9%	881	78.7%	104	1119
C ¹	450	803	75.5%	486	45.7%	602	56.6%	878	82.5%	96	1064
A ^c	550	168	65.4%	102	39.7%	136	52.9%	227	88.3%	43	257
C ²	550	813	74.7%	497	45.6%	613	56.3%	897	82.4%	101	1089
O	550	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
078*	550	36	87.8%	24	58.5%	31	75.6%	39	95.1%	1	41
078 ^c	550	35	85.4%	25	61.0%	32	78.0%	40	97.6%	1	41
087	550	13	81.3%	9	56.3%	8	50.0%	14	87.5%	3	16
090	550	18	50.0%	19	52.8%	15	41.7%	35	97.2%	9	36
042	550	954	66.8%	663	46.4%	820	57.4%	1417	99.2%	206	1428
043	550	947	66.3%	658	46.1%	809	56.7%	1408	98.6%	208	1428
N*	550	338	64.8%	254	48.7%	321	61.5%	461	88.3%	62	522
P024	550	103	66.9%	73	47.4%	82	53.2%	146	94.8%	19	154
064	550	17	73.9%	8	34.8%	9	39.1%	23	100.0%	5	23
074	550	117	64.3%	72	39.6%	98	53.8%	182	100.0%	31	182
sy ^h	616	855	76.1%	645	57.4%	692	61.6%	1002	89.1%	92	1124
0106*	650	86	69.9%	63	51.2%	71	57.7%	114	92.7%	17	123
0106 ^c	650	84	67.7%	65	52.4%	69	55.6%	113	91.1%	18	124
0107	650	29	78.4%	14	37.8%	24	64.9%	32	86.5%	4	37
0102	650	85	66.9%	50	39.4%	71	55.9%	114	89.8%	21	127
N ^c	650	336	64.4%	255	48.9%	319	61.1%	463	88.7%	62	522
047	750	958	67.1%	666	46.6%	822	57.6%	1424	99.7%	207	1428
0148	750	14	70.0%	9	45.0%	10	50.0%	19	95.0%	2	20
0161	750	24	75.0%	15	46.9%	19	59.4%	27	84.4%	4	32
0233*	750	961	67.3%	667	46.7%	824	57.7%	1409	98.7%	204	1428
E07	750	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
I ¹⁵⁶¹	750	956	66.9%	665	46.6%	808	56.6%	1388	97.2%	203	1428
I	750	845	60.9%	637	45.9%	810	58.4%	1246	89.8%	196	1387
C ³	850	803	73.4%	488	44.6%	611	55.9%	904	82.6%	106	1094
F	850	954	66.8%	665	46.6%	820	57.4%	1422	99.6%	208	1428
G011	850	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
H013	850	958	67.1%	667	46.7%	823	57.6%	1426	99.9%	208	1428
M	850	957	67.0%	669	46.8%	823	57.6%	1422	99.6%	206	1428
Y	850	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
037*	850	939	65.8%	649	45.4%	823	57.6%	1339	93.8%	202	1428
U	850	959	67.2%	668	46.8%	824	57.7%	1426	99.9%	207	1428
V	850	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
0133	850	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
0136	850	29	74.4%	14	35.9%	20	51.3%	39	100.0%	7	39
0233 ^c	850	960	67.2%	668	46.8%	825	57.8%	1410	98.7%	204	1428
0196	850	10	90.9%	6	54.5%	7	63.6%	11	100.0%	0	11
565*	850	937	65.6%	655	45.9%	836	58.5%	1326	92.9%	194	1428
K*	850	942	66.0%	673	47.1%	820	57.4%	1397	97.8%	207	1428
I*	850	956	66.9%	661	46.3%	814	57.0%	1408	98.6%	203	1428
I ^{844*}	861	993	69.5%	651	45.6%	822	57.6%	1307	91.5%	176	1428
I ^{844c}	861	993	69.5%	650	45.5%	824	57.7%	1310	91.7%	177	1428
W ^c	900	973	68.2%	658	46.1%	787	55.2%	1225	85.8%	172	1427
1424*	900	920	65.2%	639	45.3%	799	56.6%	1156	81.9%	158	1411
S	949	958	67.1%	668	46.8%	823	57.6%	1426	99.9%	208	1428
1582	949	872	61.1%	660	46.2%	816	57.1%	1286	90.1%	202	1428
036	950	837	66.6%	576	45.9%	692	55.1%	1222	97.3%	193	1256
X	950	959	67.2%	667	46.7%	823	57.6%	1425	99.8%	208	1428
K ^c	950	942	66.0%	674	47.2%	819	57.4%	1396	97.8%	207	1428

Ms	Date	Alex	%	West	%	Caes	%	Byz	%	Unique Byz	Total
037 ^c	950	939	65.8%	648	45.4%	822	57.6%	1338	93.7%	202	1428
0249 [*]	950	5	50.0%	0	0.0%	3	30.0%	9	90.0%	2	10
0249 ^e	950	6	60.0%	0	0.0%	2	20.0%	8	80.0%	2	10
565 ^c	950	937	65.6%	655	45.9%	836	58.5%	1326	92.9%	194	1428
l ^{2211*}	995	1003	70.2%	651	45.6%	822	57.6%	1288	90.2%	172	1428
l ^{2211c}	995	1004	70.3%	651	45.6%	823	57.6%	1290	90.3%	172	1428
1424 ^c	1000	918	65.1%	641	45.4%	799	56.6%	1158	82.1%	158	1411
f ^{13*}	1000	1005	70.4%	637	44.6%	955	66.9%	1169	81.9%	128	1428
348	1022	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
28	1050	958	67.1%	667	46.7%	822	57.6%	1424	99.7%	207	1428
237	1050	960	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
474	1050	959	67.2%	670	46.9%	825	57.8%	1427	99.9%	208	1428
700 [*]	1050	1026	71.8%	655	45.9%	919	64.4%	1163	81.4%	116	1428
788	1050	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
1012	1050	959	67.2%	670	46.9%	824	57.7%	1427	99.9%	208	1428
1293	1050	959	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
238	1100	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
157	1122	959	67.2%	668	46.8%	824	57.7%	1426	99.9%	207	1428
1230	1124	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
21	1150	959	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
251	1150	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
22	1150	959	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
700 ^c	1150	1024	71.7%	658	46.1%	913	63.9%	1174	82.2%	119	1428
713	1150	958	67.1%	667	46.7%	824	57.7%	1426	99.9%	208	1428
998	1150	959	67.2%	668	46.8%	825	57.8%	1427	99.9%	208	1428
1010	1150	957	67.0%	667	46.7%	823	57.6%	1425	99.8%	208	1428
1071	1150	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
1241 [*]	1150	792	66.3%	545	45.6%	634	53.1%	1096	91.8%	171	1194
1241 ^c	1150	790	66.2%	543	45.5%	634	53.1%	1096	91.8%	172	1194
346	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
543	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
826	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
828	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
983	1150	869	60.9%	644	45.1%	883	61.8%	1281	89.7%	196	1428
225	1192	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
1573	1200	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
4	1250	959	67.2%	669	46.8%	825	57.8%	1427	99.9%	208	1428
118 [*]	1250	959	67.2%	668	46.8%	824	57.7%	1426	99.9%	208	1428
544	1250	958	67.1%	670	46.9%	823	57.6%	1425	99.8%	207	1428
579 [*]	1250	997	69.8%	634	44.4%	827	57.9%	1291	90.4%	182	1428
1242	1250	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
2542	1250	959	67.2%	668	46.8%	824	57.7%	1427	99.9%	208	1428
13	1250	868	60.8%	644	45.1%	879	61.6%	1277	89.4%	196	1428
482	1285	959	67.2%	670	46.9%	824	57.7%	1427	99.9%	208	1428
1093	1302	959	67.2%	670	46.9%	824	57.7%	1427	99.9%	208	1428
1506	1320	959	67.2%	668	46.8%	825	57.8%	1427	99.9%	208	1428
2148	1337	960	67.2%	669	46.8%	825	57.8%	1428	100.0%	208	1428
118 ^c	1350	960	67.2%	668	46.8%	825	57.8%	1427	99.9%	208	1428
579 ^c	1350	996	69.7%	634	44.4%	827	57.9%	1292	90.5%	183	1428
209	1350	871	61.0%	658	46.1%	814	57.0%	1284	89.9%	202	1428
17	1450	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
1253	1450	960	67.2%	669	46.8%	824	57.7%	1427	99.9%	208	1428
69	1450	869	60.9%	644	45.1%	882	61.8%	1280	89.6%	196	1428
TR	1892	945	66.2%	666	46.6%	822	57.6%	1395	97.7%	209	1428