Legends to figures 1 to 3

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Figure 1
CONSORT diagram

Figure 2 A-H
Kaplan-Meier estimates of event rates for the primary outcome (Figures 2A and 2B); and secondary outcomes major stroke (Figures 2C and 2D), minor stroke (Figures 2E and 2F) and all stroke (Figures 2G and 2H). For each outcome, the event rate estimates are provided for all outcomes (including both peri-procedural and post-procedural events; Figures 2A, 2C, 2E and 2G) and for post-procedural events (i.e., post-120-day) only (Figures 2B, 2D, 2F and 2H). P-value are for treatment differences using the log-rank test.

Figure 3A and B
Forest plots of treatment effects quantified as the CAS-to-CEA hazard ratio (with 95% confidence bounds) from proportional hazards analysis within strata defined by covariates. Figure A on the left shows treatment effects for the entire follow-up period (both peri-procedural and post-procedural), while figure B on the right is for post-procedural only. The size of the circle showing the treatment effect is proportional to the inverse of the standard error of the estimated difference. The p-value assessing potential effect modification was estimated by the addition of an interaction term to the proportional hazards model.
Abbreviations: CHD, coronary heart disease; Ipsi Stenosis, severe ipsilateral stenosis; Contra Sten, severe contralateral stenosis; mRS of zero, modified Rankin score of zero.

Figure 1

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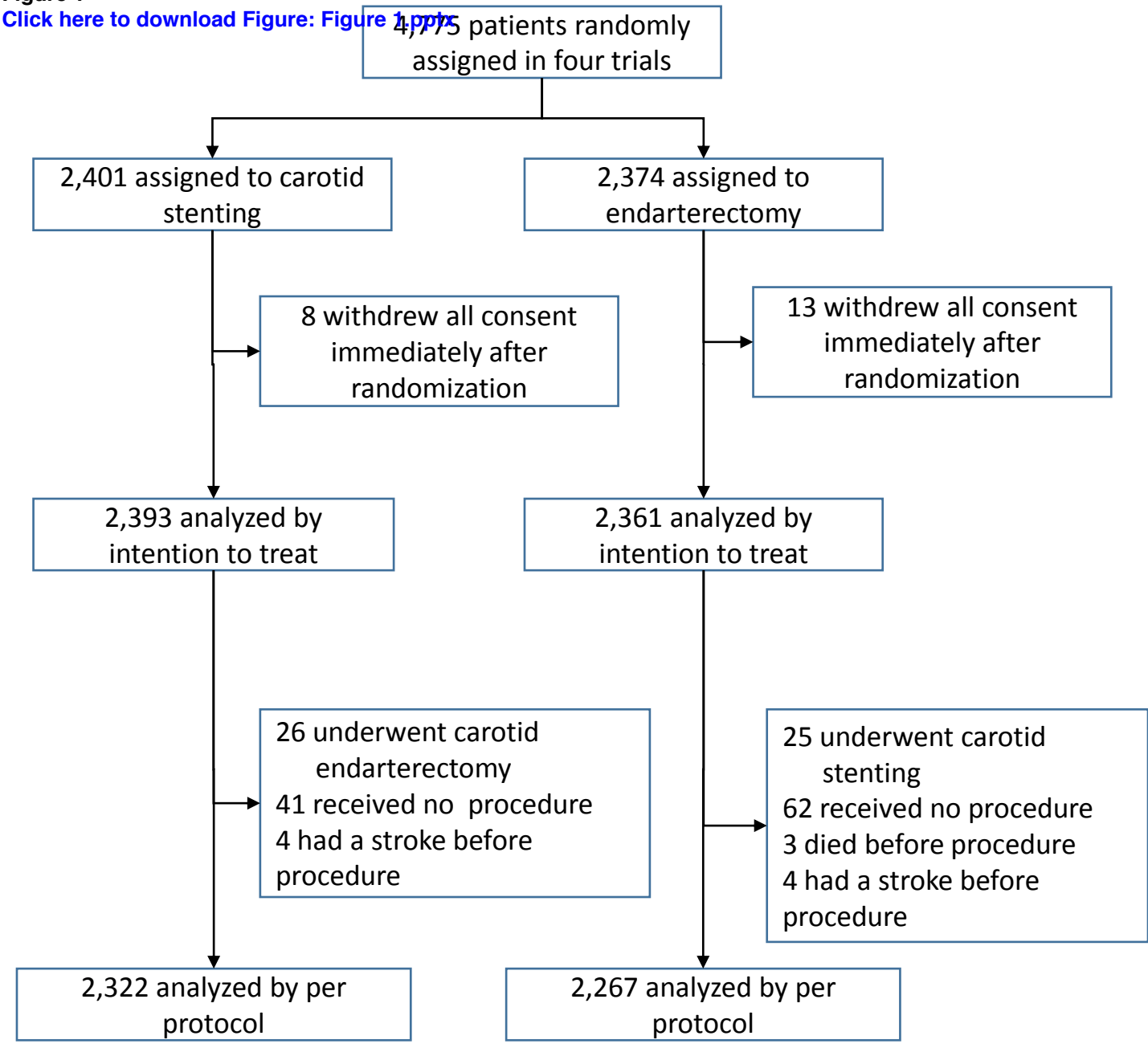

Figure 2A

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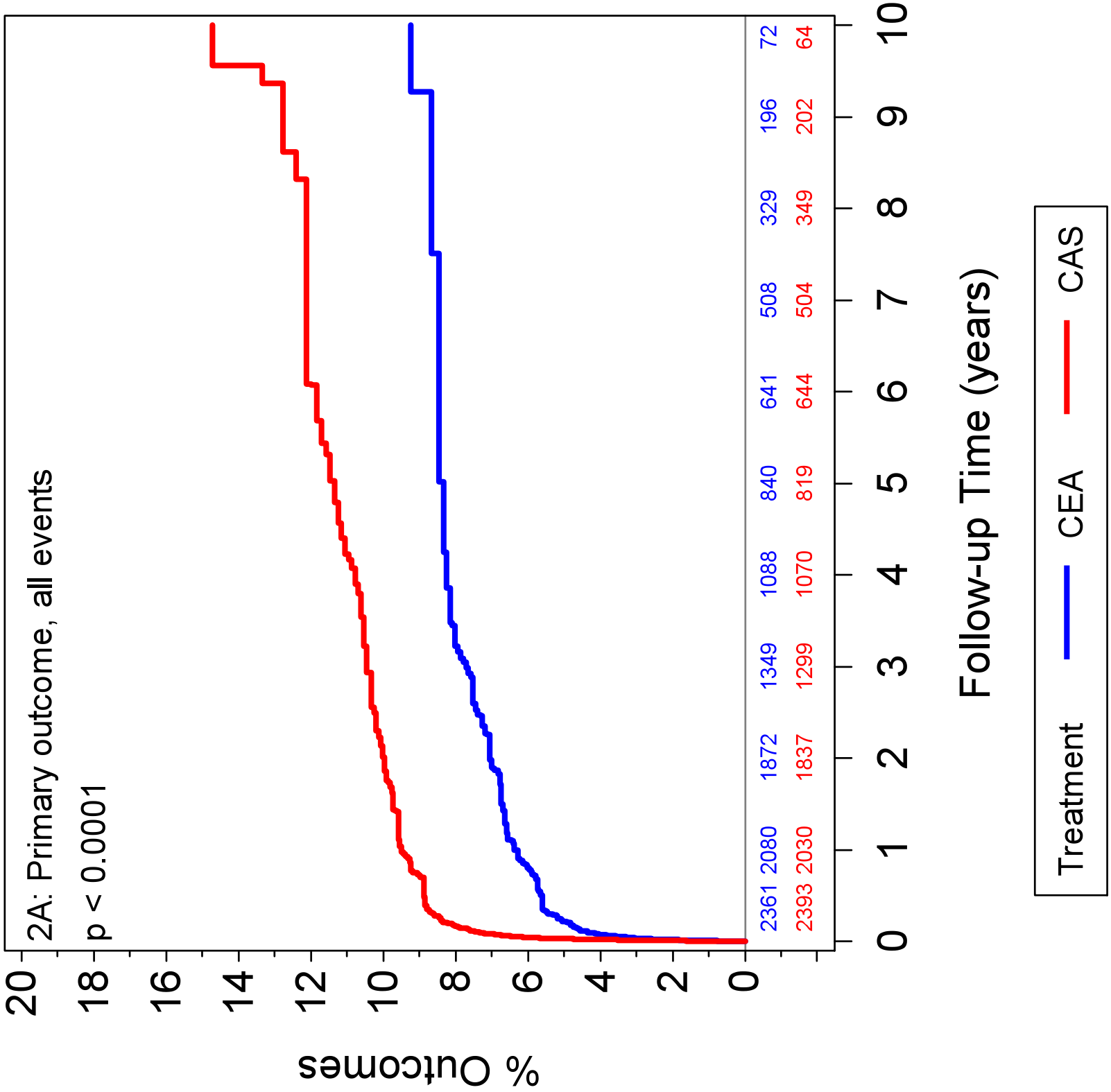

Figure 2B

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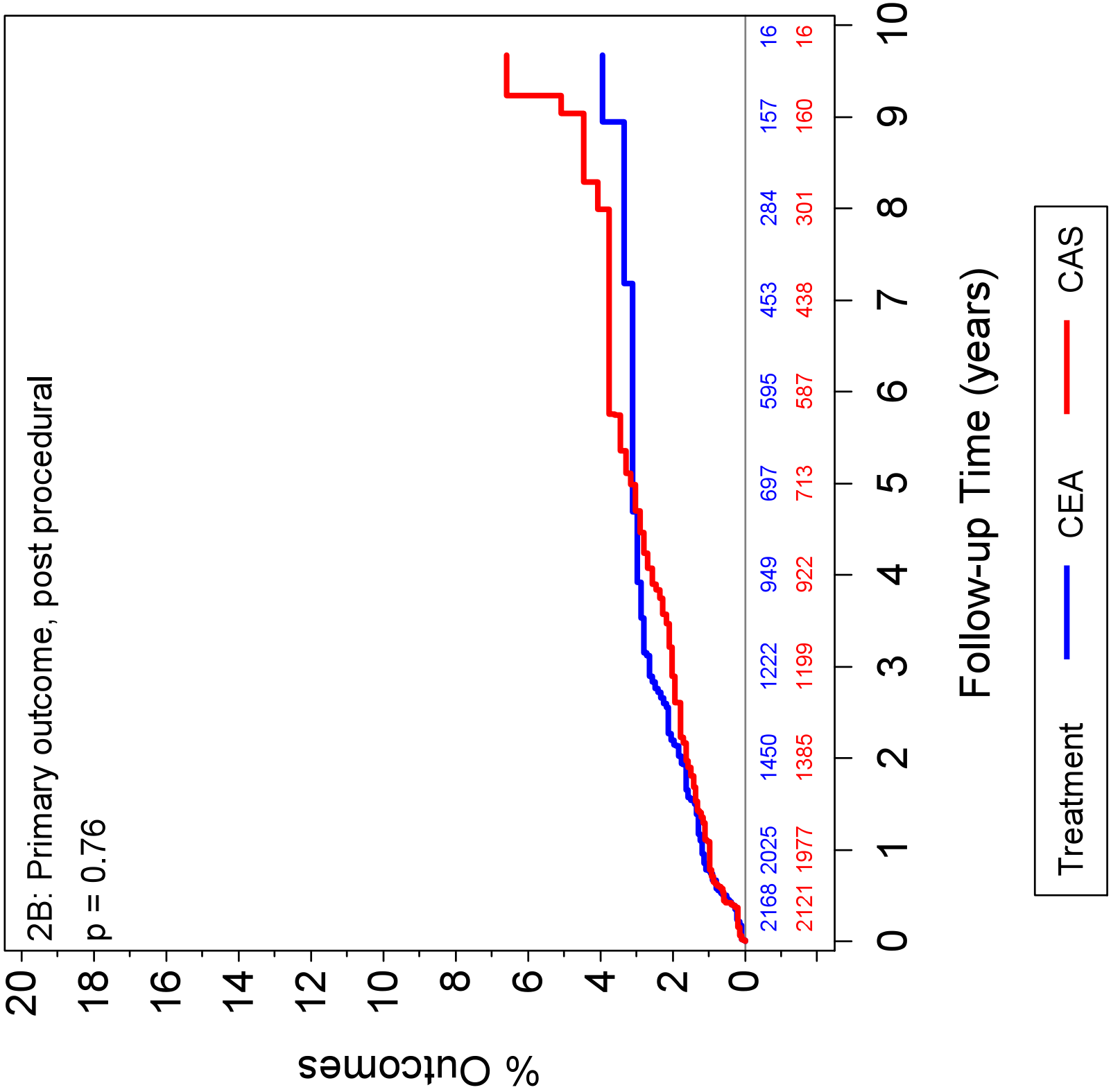

Figure 2C

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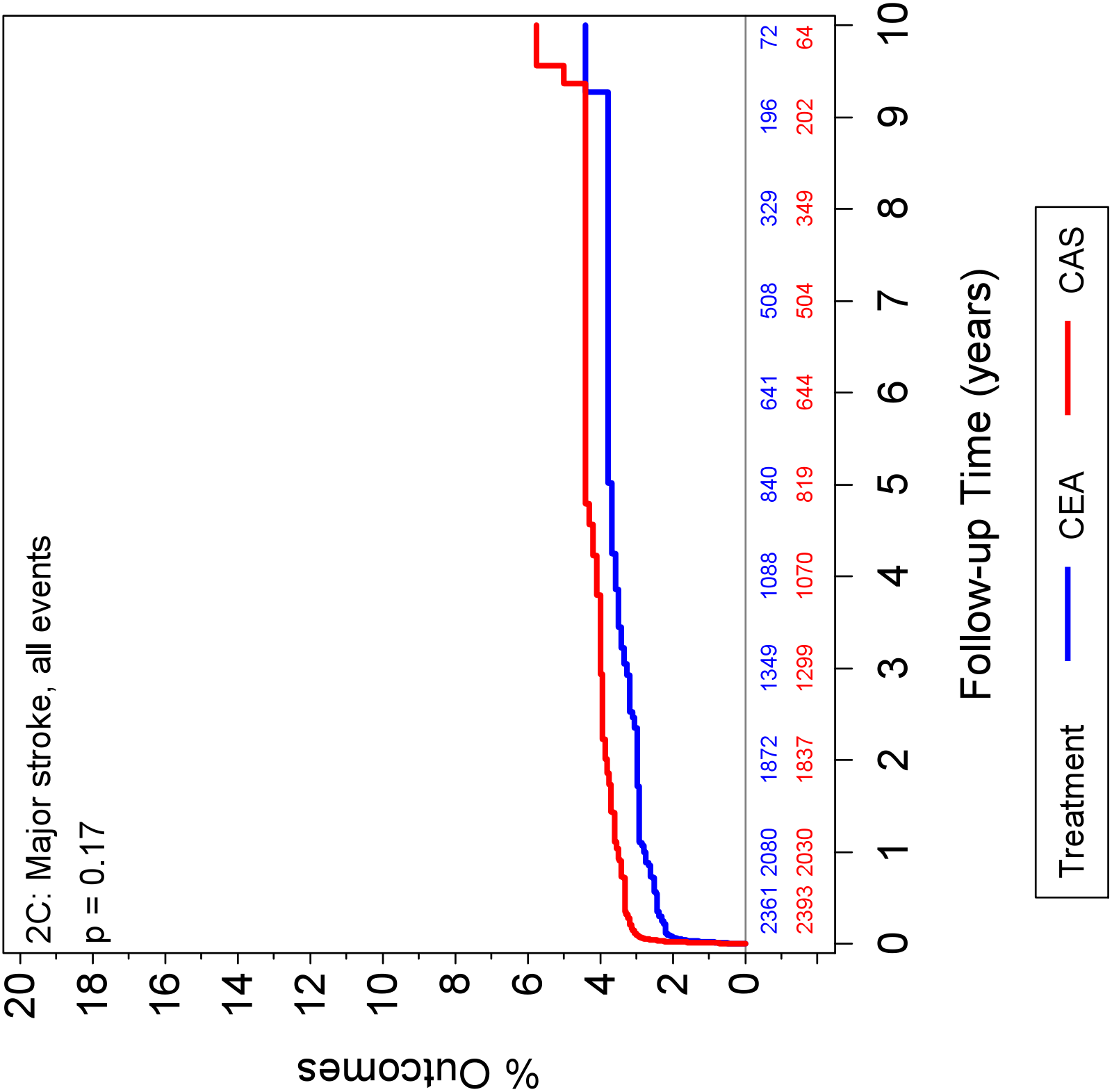

Figure 2D

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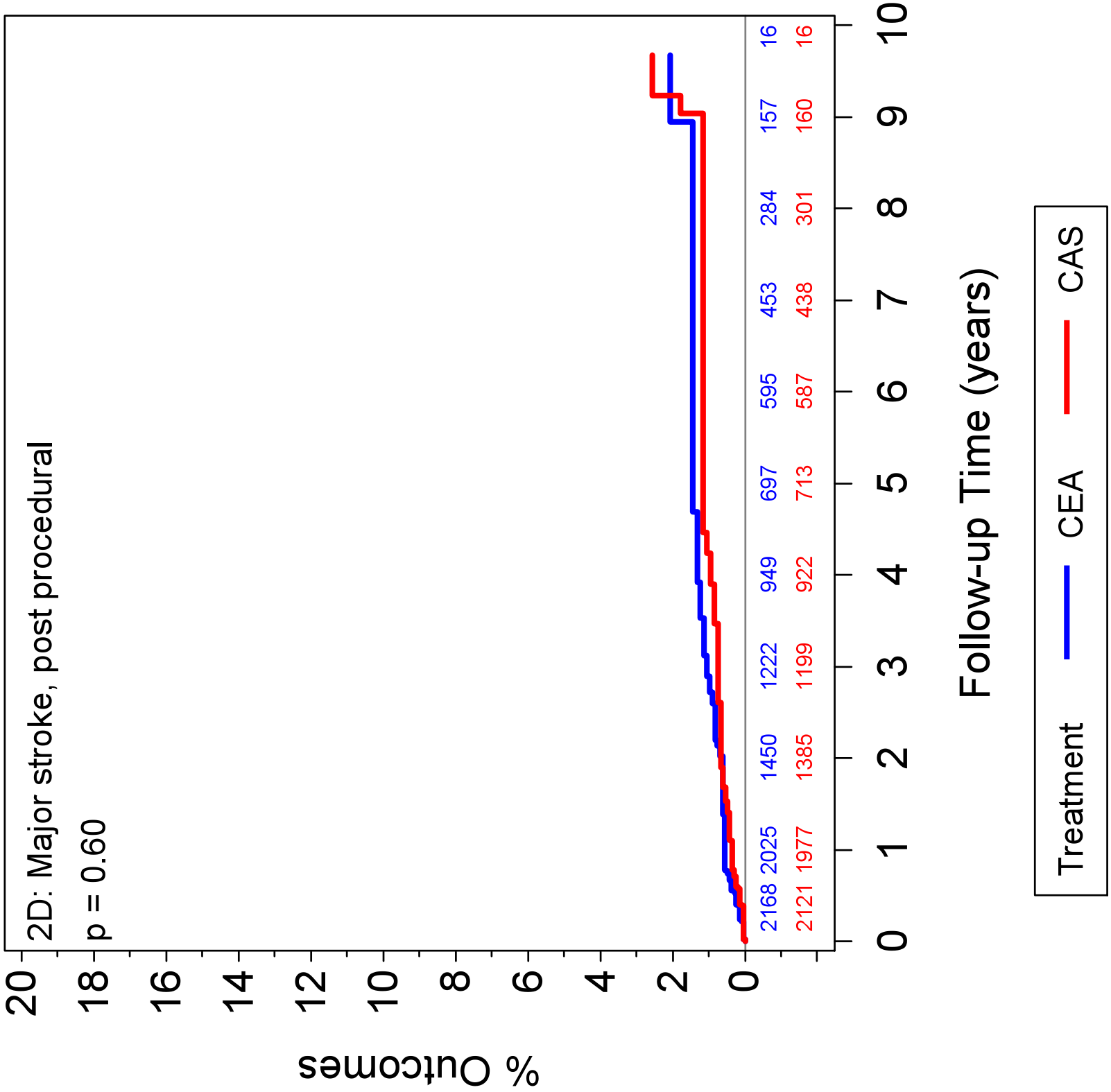

Figure 2E

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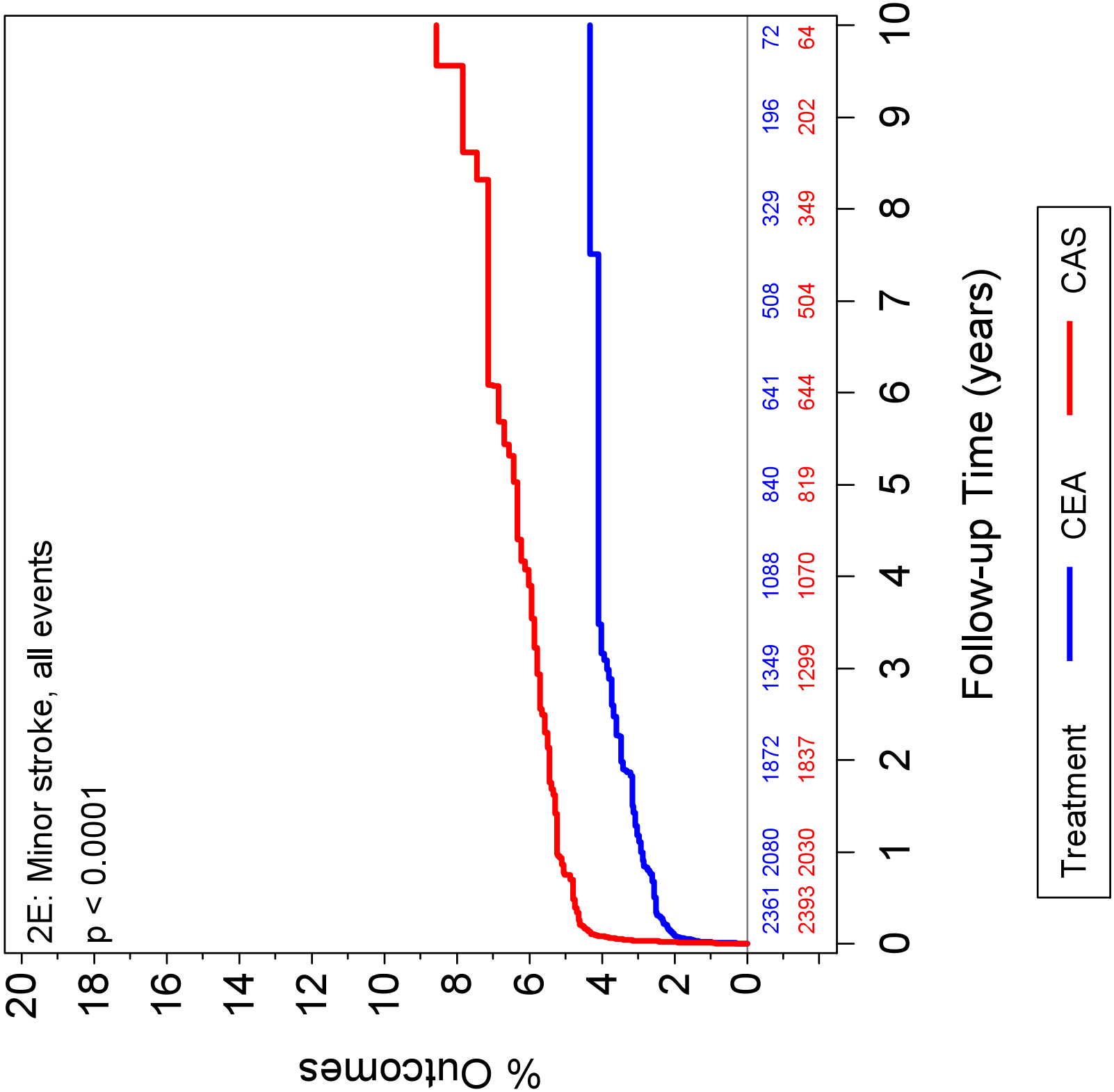

Figure 2F
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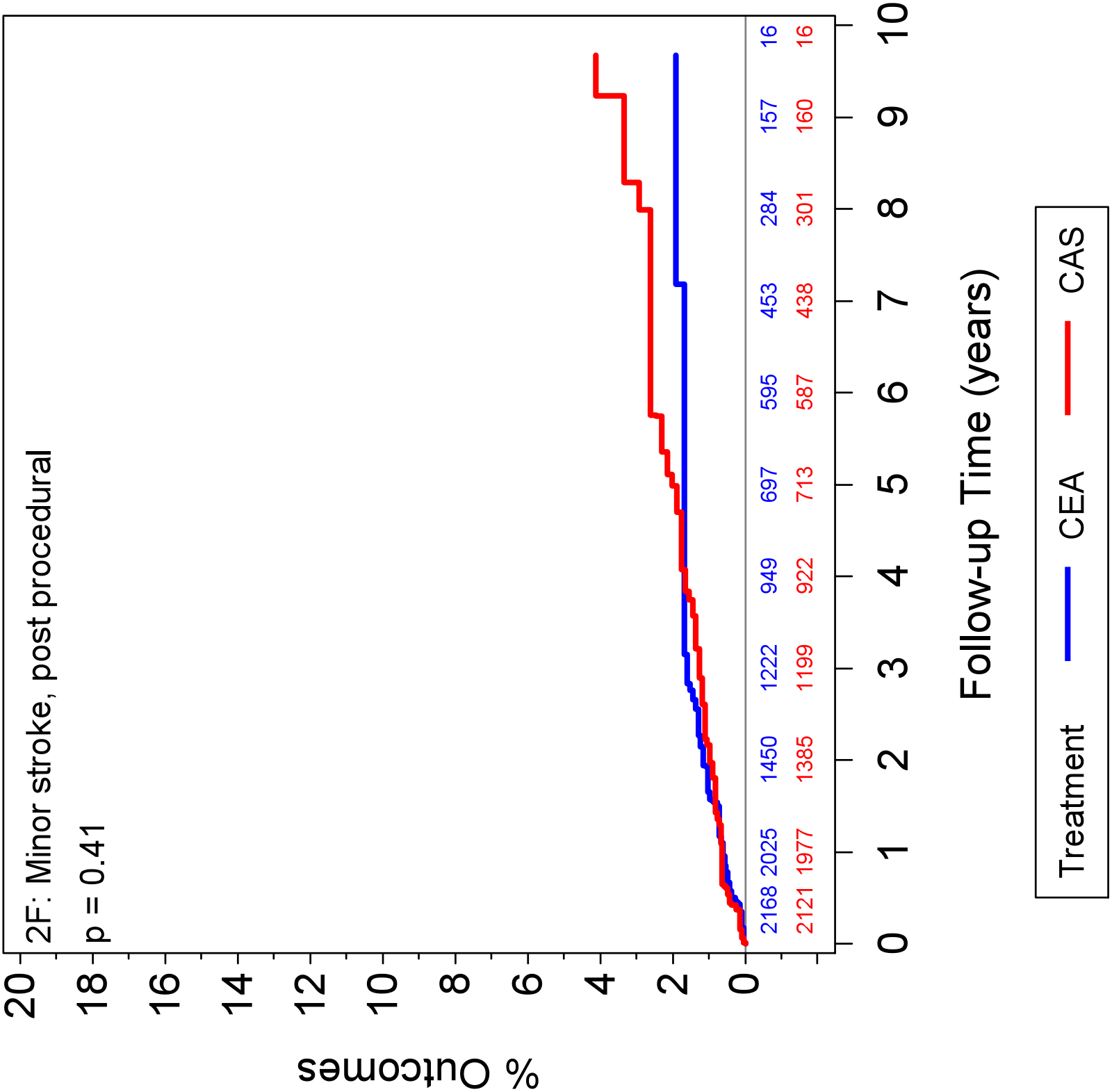

Figure 2G
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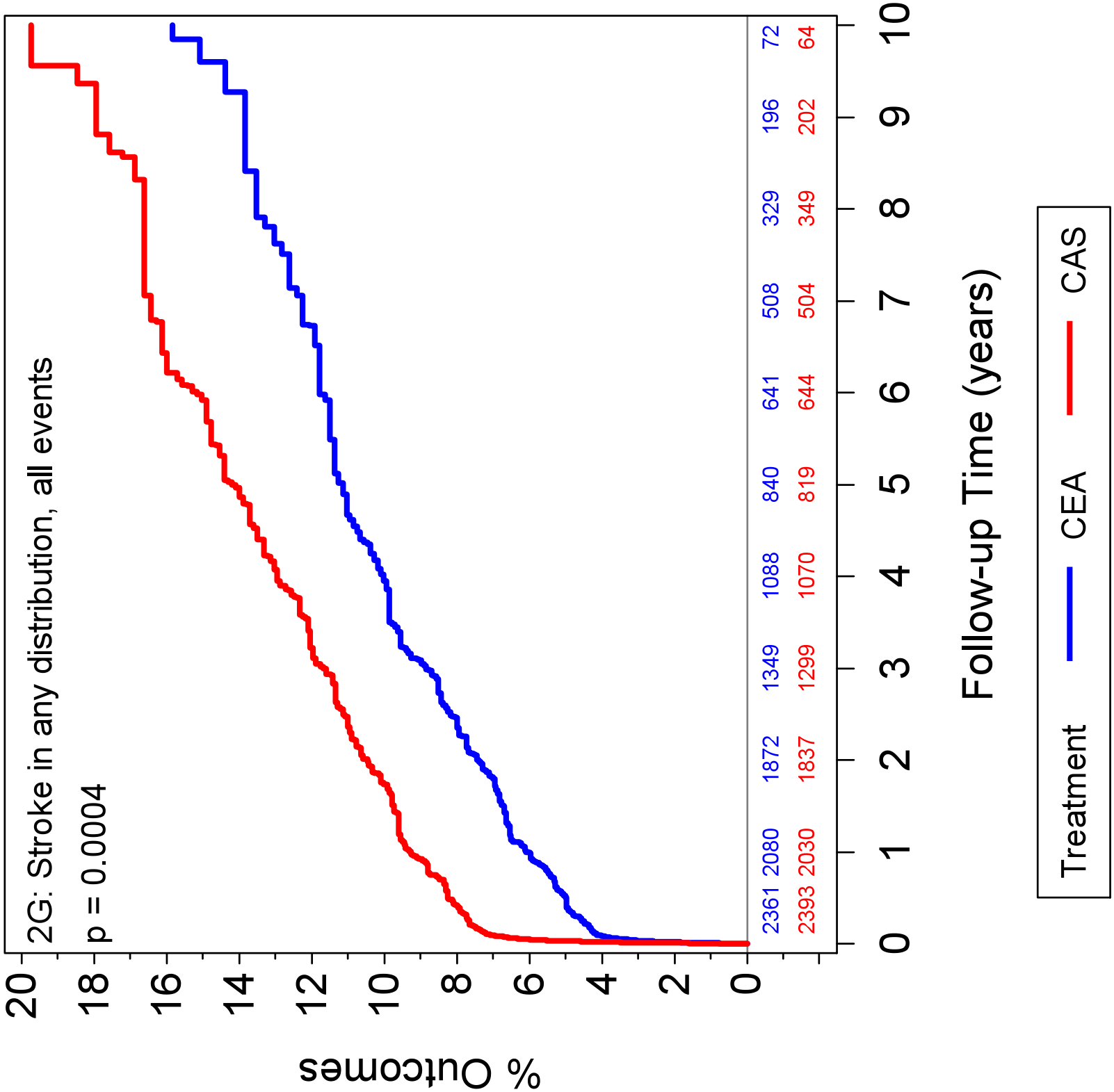

Figure 2H

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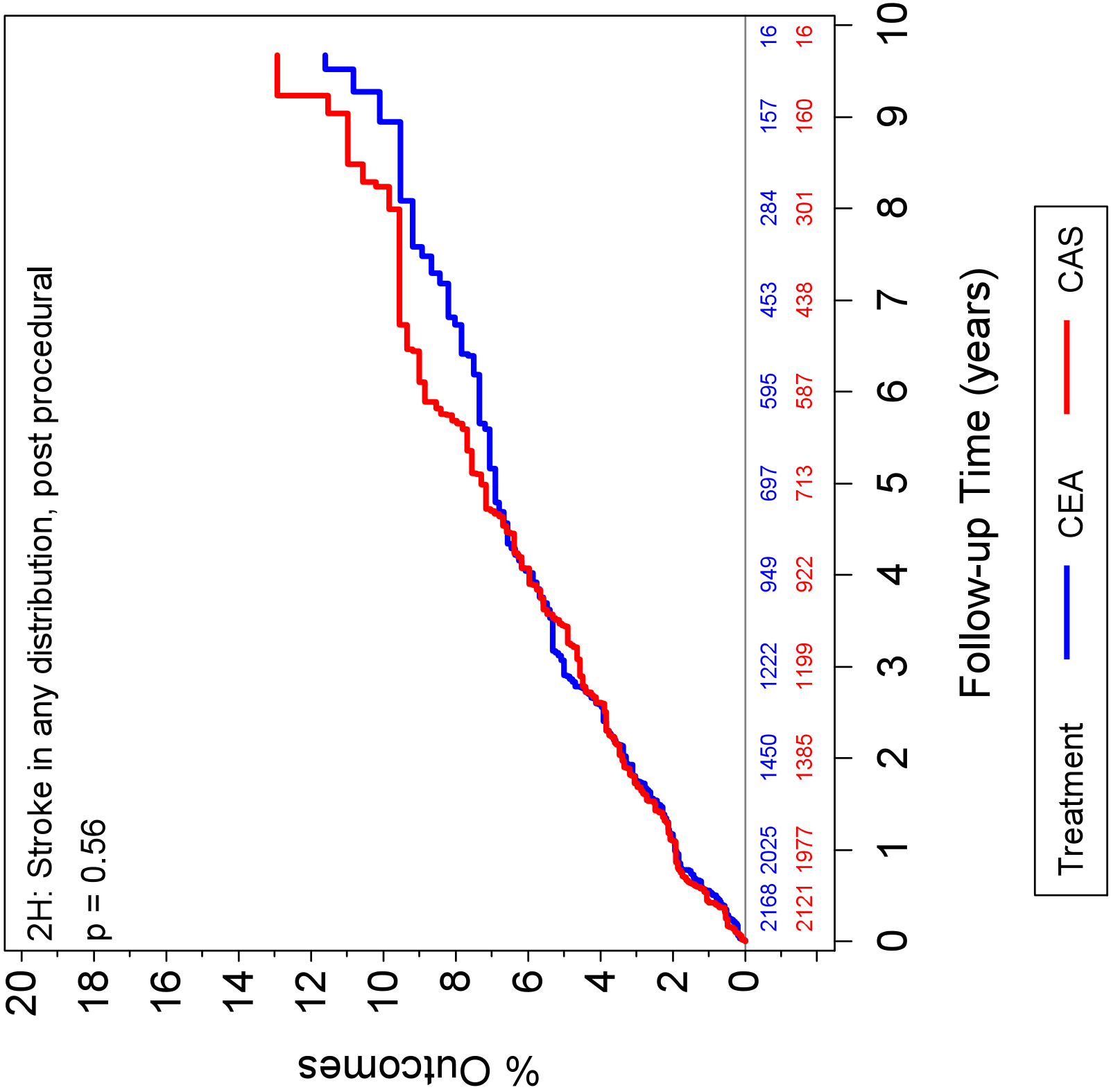

Figure 3A

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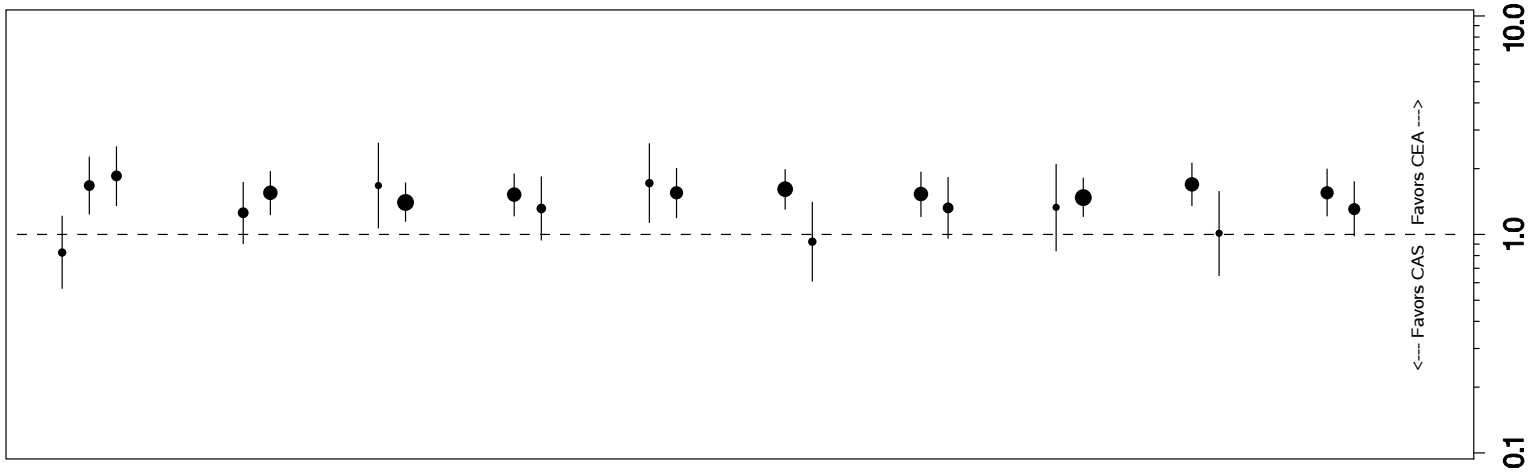

Covariate	Strata	N/n	HR (95% CI)	p(inter)
Age	38-64	1506/105	0.83 (0.56 - 1.21)	0.003
	65-74	1800/177	1.67 (1.23 - 2.27)	
	75+	1448/165	1.85 (1.35 - 2.53)	
Sex	Female	1437/145	1.25 (0.90 - 1.74)	0.305
	Male	3317/302	1.54 (1.23 - 1.95)	
Hypertension	No	1157/80	1.67 (1.06 - 2.63)	0.549
	Yes	3574/365	1.40 (1.14 - 1.73)	
Diabetes	No	3553/312	1.52 (1.21 - 1.90)	0.495
	Yes	1193/135	1.31 (0.93 - 1.84)	
Dyslipidemia	No	1111/97	1.71 (1.13 - 2.60)	0.648
	Yes	2417/230	1.54 (1.19 - 2.01)	
Smoking	No	3494/355	1.61 (1.30 - 1.99)	0.022
	Yes	1219/88	0.93 (0.61 - 1.41)	
CHD	No	3348/289	1.52 (1.20 - 1.93)	0.474
	Yes	1293/146	1.32 (0.95 - 1.83)	
Ipsi Stenosis	No	919/74	1.33 (0.84 - 2.10)	0.618
	Yes	3835/373	1.48 (1.20 - 1.81)	
Contra Sten	No	3628/312	1.69 (1.35 - 2.13)	0.040
	Yes	626/77	1.01 (0.65 - 1.58)	
mRS of zero	No	2333/256	1.55 (1.21 - 1.99)	0.383
	Yes	2372/188	1.31 (0.98 - 1.74)	

Covariate	Strata	N/n	HR (95% CI)	p(inter)
Age	38-64	1396/33	0.84 (0.42 - 1.66)	0.699
	65-74	1626/44	1.15 (0.63 - 2.08)	
	75+	1267/35	1.22 (0.63 - 2.38)	
Sex	Female	1278/39	0.78 (0.41 - 1.46)	0.256
	Male	3011/73	1.23 (0.77 - 1.94)	
Hypertension	No	1070/23	0.91 (0.40 - 2.05)	0.690
	Yes	3204/89	1.10 (0.73 - 1.67)	
Diabetes	No	3240/83	0.99 (0.65 - 1.53)	0.559
	Yes	1047/29	1.27 (0.61 - 2.65)	
Dyslipidemia	No	1003/20	1.12 (0.46 - 2.71)	0.967
	Yes	2225/74	1.16 (0.73 - 1.82)	
Smoking	No	3139/84	1.25 (0.81 - 1.92)	0.134
	Yes	1121/28	0.63 (0.30 - 1.35)	
CHD	No	3048/70	1.28 (0.80 - 2.05)	0.368
	Yes	1149/39	0.88 (0.47 - 1.66)	
Ipsi Stenosis	No	839/22	0.89 (0.38 - 2.07)	0.582
	Yes	3450/90	1.11 (0.74 - 1.69)	
Contra Sten	No	3308/74	1.27 (0.80 - 2)	0.192
	Yes	560/25	0.68 (0.31 - 1.52)	
mRS of zero	No	2069/62	1.27 (0.77 - 2.10)	0.298
	Yes	2183/50	0.85 (0.49 - 1.48)	

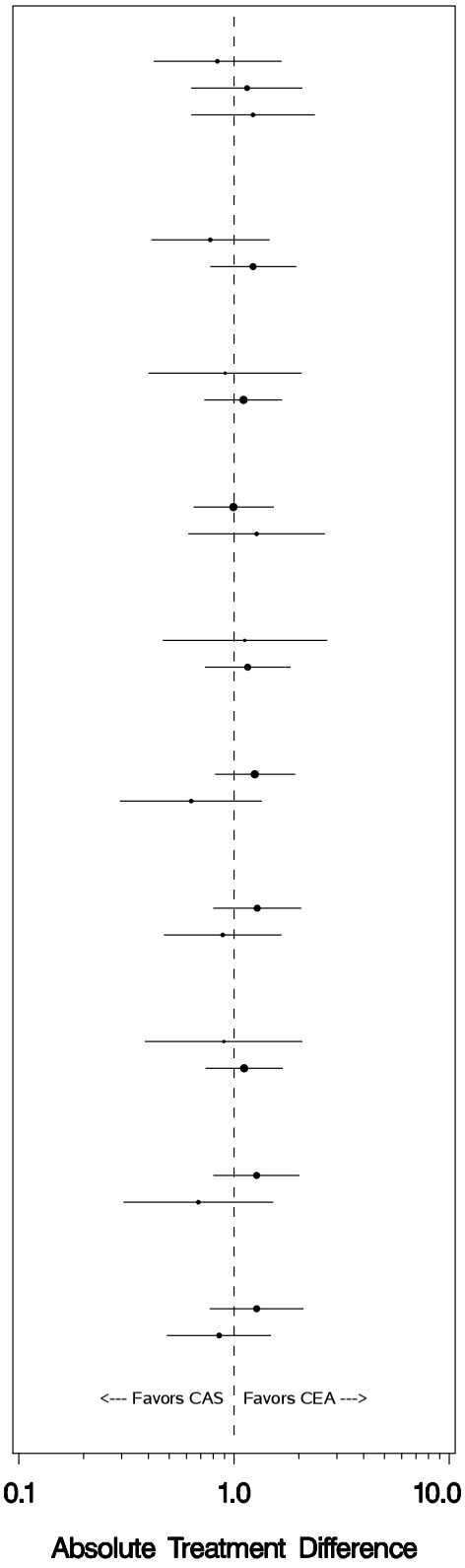

Figure 3B

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