

Obs	id	clinic	status	time	prison	dose
1	1	1	1	428	0	50
2	132	2	0	633	0	70
3	2	1	1	275	1	55
4	133	2	1	661	0	40
5	3	1	1	262	0	55

Comparison of survival for clinic for heroin data**The LIFETEST Procedure**

Summary of the Number of Censored and Uncensored Values					
Stratum	clinic	Total	Failed	Censored	Percent Censored
1	1	163	122	41	25.15
2	2	75	28	47	62.67
Total		238	150	88	36.97

Comparison of survival for clinic for heroin data

The LIFETEST Procedure

Testing Homogeneity of Survival Curves for time over Strata

Rank Statistics		
clinic	Log-Rank	Wilcoxon
1	31.092	2929.0
2	-31.092	-2929.0

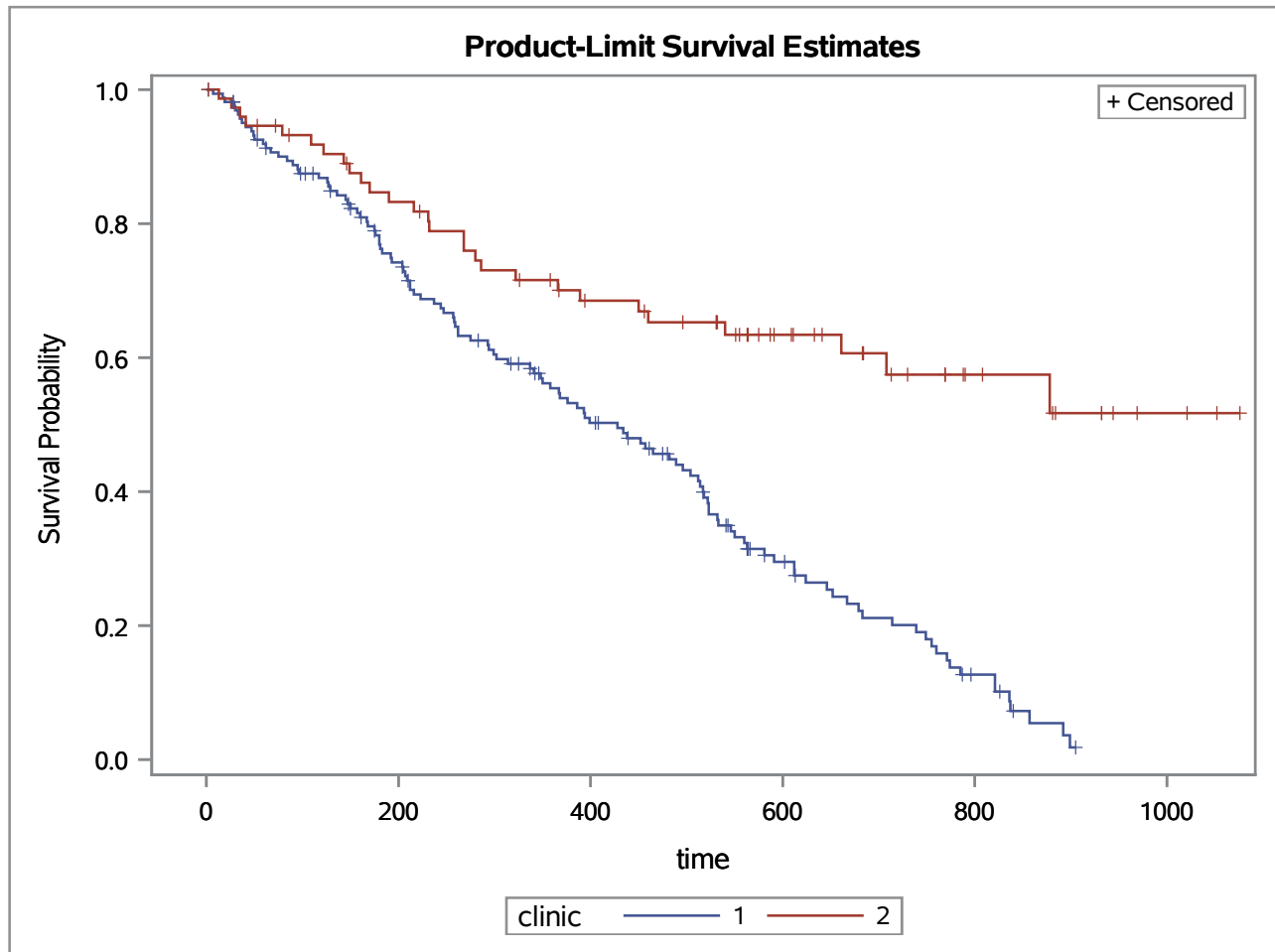
Covariance Matrix for the Log-Rank Statistics		
clinic	1	2
1	34.6579	-34.6579
2	-34.6579	34.6579

Covariance Matrix for the Wilcoxon Statistics		
clinic	1	2
1	737868	-737868
2	-737868	737868

Test of Equality over Strata			
Test	Chi-Square	DF	Pr > Chi-Square
Log-Rank	27.8927	1	<.0001
Wilcoxon	11.6268	1	0.0007
-2Log(LR)	26.0236	1	<.0001

Comparison of survival for clinic for heroin data

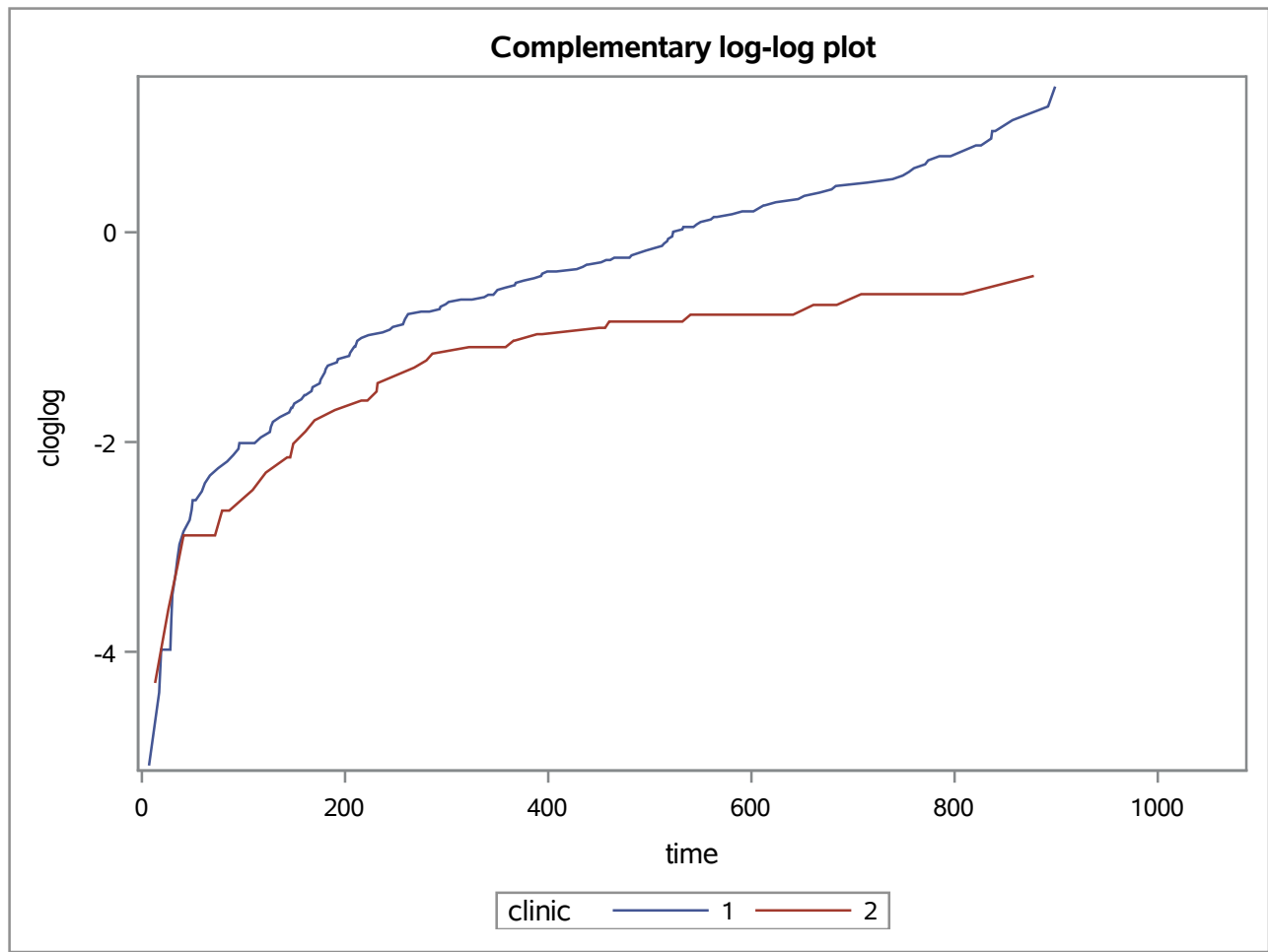
The LIFETEST Procedure



Kaplan-Meier values

Sunday, October 21, 2018 11:36:20 PM 5

Obs	clinic	time	_CENSOR_	SURVIVAL	SDF_LCL	SDF_UCL	STRATUM
1	1	0	.	1.00000	1.00000	1.00000	1
2	1	2	1	1.00000	.	.	1
3	1	7	0	0.99383	0.95699	0.99913	1
4	1	17	0	0.98765	0.95154	0.99690	1
5	1	19	0	0.98148	0.94369	0.99399	1



Comparison of survival for clinic for heroin data**The LIFETEST Procedure**

Summary of the Number of Censored and Uncensored Values					
Stratum	prison	Total	Failed	Censored	Percent Censored
1	0	127	81	46	36.22
2	1	111	69	42	37.84
Total		238	150	88	36.97

Comparison of survival for clinic for heroin data

The LIFETEST Procedure

Testing Homogeneity of Survival Curves for time over Strata

Rank Statistics		
prison	Log-Rank	Wilcoxon
0	-6.7504	-1434.0
1	6.7504	1434.0

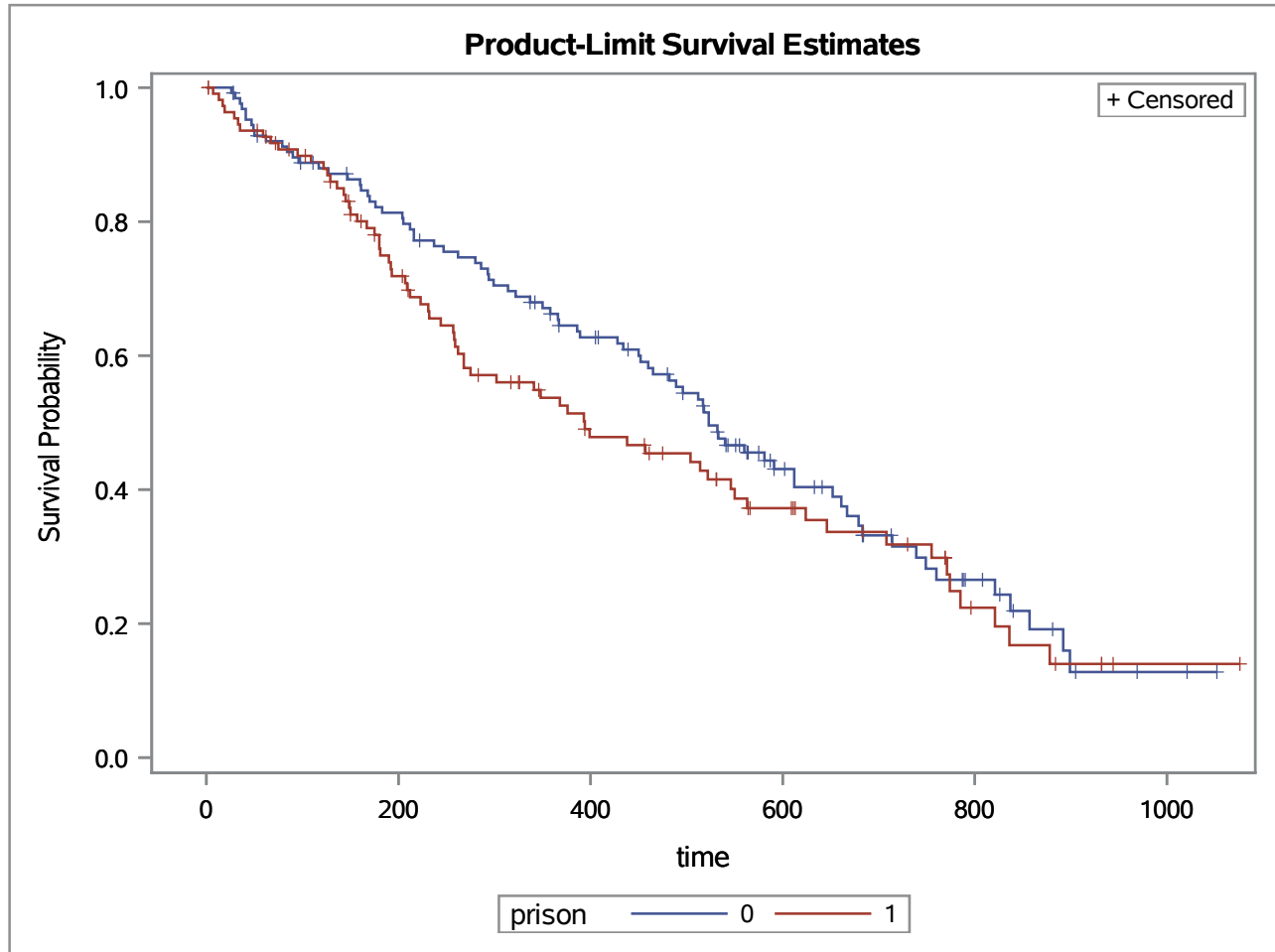
Covariance Matrix for the Log-Rank Statistics		
prison	0	1
0	36.1791	-36.1791
1	-36.1791	36.1791

Covariance Matrix for the Wilcoxon Statistics		
prison	0	1
0	803374	-803374
1	-803374	803374

Test of Equality over Strata			
Test	Chi-Square	DF	Pr > Chi-Square
Log-Rank	1.2595	1	0.2617
Wilcoxon	2.5596	1	0.1096
-2Log(LR)	1.0666	1	0.3017

Comparison of survival for clinic for heroin data

The LIFETEST Procedure



Comparison of survival for dose groups for heroin data**The LIFETEST Procedure**

Summary of the Number of Censored and Uncensored Values					
Stratum	dose	Total	Failed	Censored	Percent Censored
1	<40	5	5	0	0.00
2	45	40	25	15	37.50
3	55	48	35	13	27.08
4	65	74	54	20	27.03
5	>=70	71	31	40	56.34
Total		238	150	88	36.97

Comparison of survival for dose groups for heroin data

The LIFETEST Procedure

Testing Homogeneity of Survival Curves for time over Strata

Rank Statistics		
dose	Log-Rank	Wilcoxon
<40	2.703	338.0
45	10.506	2243.0
55	10.742	937.0
65	10.036	690.0
>=70	-33.985	-4208.0

Covariance Matrix for the Log-Rank Statistics					
dose	<40	45	55	65	>=70
<40	2.2528	-0.2513	-0.4010	-0.6859	-0.9146
45	-0.2513	12.8609	-2.5441	-4.3485	-5.7169
55	-0.4010	-2.5441	20.0255	-7.2003	-9.8802
65	-0.6859	-4.3485	-7.2003	30.8965	-18.6618
>=70	-0.9146	-5.7169	-9.8802	-18.6618	35.1735

Covariance Matrix for the Wilcoxon Statistics					
dose	<40	45	55	65	>=70
<40	60725	-7793	-11939	-18848	-22144
45	-7793	351214	-77667	-122602	-143152
55	-11939	-77667	503823	-190109	-224109
65	-18848	-122602	-190109	695618	-364059
>=70	-22144	-143152	-224109	-364059	753463

Test of Equality over Strata			
Test	Chi-Square	DF	Pr > Chi-Square
Log-Rank	37.5522	4	<.0001
Wilcoxon	31.4088	4	<.0001
-2Log(LR)	30.4127	4	<.0001

Comparison of survival for dose groups for heroin data

The LIFETEST Procedure

