Obs	day
1	37
2	40
3	43
4	44
5	45

Data Set Name	SURVIVAL.FLY1	Observations	25
Member Type	DATA	Variables	1
Engine	V9	Indexes	0
Created	12/30/2020 14:45:14	Observation Length	8
Last Modified	12/30/2020 14:45:14	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information		
Data Set Page Size 65536		
Number of Data Set Pages	1	
First Data Page	1	
Max Obs per Page	8063	
Obs in First Data Page	25	
Number of Data Set Repairs	0	
ExtendObsCounter	YES	
Filename	E:\git\survival-models\2020\data\fly1.sas7bdat	
Release Created	9.0401M3	
Host Created	X64_8PRO	

Variables in Creation Order			
#	Variable	Туре	Len
1	day	Num	8

Obs	day	cens
1	37	1
2	40	1
3	43	1
4	44	1
5	45	1

Data Set Name	SURVIVAL.FLY2	Observations	25
Member Type	DATA	Variables	2
Engine	V9	Indexes	0
Created	12/30/2020 14:45:14	Observation Length	16
Last Modified	12/30/2020 14:45:14	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information		
Data Set Page Size	65536	
Number of Data Set Pages	1	
First Data Page	1	
Max Obs per Page	4062	
Obs in First Data Page	25	
Number of Data Set Repairs	0	
ExtendObsCounter	YES	
Filename	E:\git\survival-models\2020\data\fly2.sas7bdat	
Release Created	9.0401M3	
Host Created	X64_8PRO	

Variables in Creation Order			
#	Variable	Туре	Len
1	day	Num	8
2	cens	Num	8

Obs	day	cens
1	37	1
2	40	1
3	43	1
4	44	1
5	45	1

Data Set Name	SURVIVAL.FLY3	Observations	25
Member Type	DATA	Variables	2
Engine	V9	Indexes	0
Created	12/30/2020 14:45:14	Observation Length	16
Last Modified	12/30/2020 14:45:14	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information		
Data Set Page Size	65536	
Number of Data Set Pages	1	
First Data Page	1	
Max Obs per Page	4062	
Obs in First Data Page	25	
Number of Data Set Repairs	0	
ExtendObsCounter	YES	
Filename	E:\git\survival-models\2020\data\fly3.sas7bdat	
Release Created	9.0401M3	
Host Created	X64_8PRO	

Variables in Creation Order				
#	Variable	Туре	Len	
1	day	Num	8	
2	cens	Num	8	

Obs	id	days	death	revasc	revascdays	los	age	sysbp	stchange
1	1	180	0	0	180	9	28	107	1
2	2	5	0	1	0	5	32	121	1
3	3	2	0	0	2	2	33	150	0
4	4	5	0	1	2	5	35	172	0
5	5	180	0	1	9	10	35	106	0

Data Set Name	SURVIVAL.GRACE1000	Observations	1000
Member Type	DATA	Variables	9
Engine	V9	Indexes	0
Created	12/30/2020 14:45:14	Observation Length	72
Last Modified	12/30/2020 14:45:14	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine	/Host Dependent Information
Data Set Page Size	65536
Number of Data Set Pages	2
First Data Page	1
Max Obs per Page	908
Obs in First Data Page	882
Number of Data Set Repairs	0
ExtendObsCounter	YES
Filename	E:\git\survival-models\2020\data\grace1000.sas7bdat
Release Created	9.0401M3
Host Created	X64_8PRO

Va	Variables in Creation Order					
#	Variable	Туре	Len			
1	id	Num	8			
2	days	Num	8			
3	death	Num	8			
4	revasc	Num	8			
5	revascdays	Num	8			
6	los	Num	8			
7	age	Num	8			
8	sysbp	Num	8			
9	stchange	Num	8			

Obs	start	stop	event	age	year	surgery	transplant	id
1	0	50	1	-17.15537303	0.1232032854	0	0	1
2	0	6	1	3.8357289528	0.2546201232	0	0	2
3	0	1	0	6.2970568104	0.2655715264	0	0	3
4	1	16	1	6.2970568104	0.2655715264	0	1	3
5	0	36	0	-7.737166324	0.4900752909	0	0	4

Data Set Name	SURVIVAL.HEART	Observations	172
Member Type	DATA	Variables	8
Engine	V9	Indexes	0
Created	12/30/2020 14:45:14	Observation Length	64
Last Modified	12/30/2020 14:45:14	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information				
Data Set Page Size	65536			
Number of Data Set Pages	1			
First Data Page	1			
Max Obs per Page	1021			
Obs in First Data Page	172			
Number of Data Set Repairs	0			
ExtendObsCounter	YES			
Filename	E:\git\survival-models\2020\data\heart.sas7bdat			
Release Created	9.0401M3			
Host Created	X64_8PRO			

	Variables in Creation Order						
#	Variable	Туре	Len	Format	Informat		
1	start	Num	8	BEST12.	BEST32.		
2	stop	Num	8	BEST12.	BEST32.		
3	event	Num	8	BEST12.	BEST32.		
4	age	Num	8	BEST12.	BEST32.		
5	year	Num	8	BEST12.	BEST32.		
6	surgery	Num	8	BEST12.	BEST32.		
7	transplant	Char	3	\$3.	\$3.		
8	id	Num	8	BEST12.	BEST32.		

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

Creating SAS binary file for heroin

Data Set Name	SURVIVAL.HEROIN	Observations	238
Member Type	DATA	Variables	6
Engine	V9	Indexes	0
Created	12/30/2020 14:45:14	Observation Length	48
Last Modified	12/30/2020 14:45:14	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information				
Data Set Page Size	65536			
Number of Data Set Pages	1			
First Data Page	1			
Max Obs per Page	1361			
Obs in First Data Page	238			
Number of Data Set Repairs	0			
ExtendObsCounter	YES			
Filename	E:\git\survival-models\2020\data\heroin.sas7bdat			
Release Created	9.0401M3			
Host Created	X64_8PRO			

Variables in Creation Order						
#	Variable	Туре	Len			
1	id	Num	8			
2	clinic	Num	8			
3	status	Num	8			
4	time	Num	8			
5	prison	Num	8			
6	dose	Num	8			

Obs	years	lost	manner	start	military	age	conflict	loginc	growth	рор	land	literacy	region
1	3	2	1	975	0	53	1	5.7990926545	-5.7	8	1247	20	1
2	8	0	0	979	0	37	1	5.7990926545	-5.7	8	1247	20	1
3	3	3	0	960	0	44	1	4.7004803658	1	4	112	11	1
4	1	3	0	964	0	51	1	4.7004803658	1	4	112	11	1
5	1	3	1	965	1	56	1	4.7004803658	1	4	112	11	1

Data Set Name	SURVIVAL.LEADER	Observations	472
Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	12/30/2020 14:45:15	Observation Length	104
Last Modified	12/30/2020 14:45:15	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information				
Data Set Page Size	65536			
Number of Data Set Pages	1			
First Data Page	1			
Max Obs per Page	629			
Obs in First Data Page	472			
Number of Data Set Repairs	0			
ExtendObsCounter	YES			
Filename	E:\git\survival-models\2020\data\leader.sas7bdat			
Release Created	9.0401M3			
Host Created	X64_8PRO			

	Variables in Creation Order							
#	Variable	Туре	Len	Format	Informat			
1	years	Num	8	BEST12.	BEST32.			
2	lost	Num	8	BEST12.	BEST32.			
3	manner	Num	8	BEST12.	BEST32.			
4	start	Num	8	BEST12.	BEST32.			
5	military	Num	8	BEST12.	BEST32.			
6	age	Num	8	BEST12.	BEST32.			
7	conflict	Num	8	BEST12.	BEST32.			
8	loginc	Num	8	BEST12.	BEST32.			
9	growth	Num	8	BEST12.	BEST32.			
10	рор	Num	8	BEST12.	BEST32.			
11	land	Num	8	BEST12.	BEST32.			

Variables in Creation Order						
#	Variable	Туре	Len	Format	Informat	
12	literacy	Num	8	BEST12.	BEST32.	
13	region	Num	8	BEST12.	BEST32.	

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# **Creating SAS binary file for psychiatric**

Obs	sex	age	time	death
1	2	51	1	1
2	2	58	1	1
3	2	55	2	1
4	2	28	22	1
5	1	21	30	0

# Creating SAS binary file for psychiatric

Data Set Name	SURVIVAL.PSYCHIATRIC	Observations	25
Member Type	DATA	Variables	4
Engine	V9	Indexes	0
Created	12/30/2020 14:45:15	Observation Length	32
Last Modified	12/30/2020 14:45:15	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information				
Data Set Page Size	65536			
Number of Data Set Pages	1			
First Data Page	1			
Max Obs per Page	2039			
Obs in First Data Page	25			
Number of Data Set Repairs	0			
ExtendObsCounter	YES			
Filename	E:\git\survival-models\2020\data\psychiatric.sas7bdat			
Release Created	9.0401M3			
Host Created	X64_8PRO			

	Variables in Creation Order						
#	Variable	Туре	Len	Format	Informat		
1	sex	Num	8	BEST12.	BEST32.		
2	age	Num	8	BEST12.	BEST32.		
3	time	Num	8	BEST12.	BEST32.		
4	death	Num	8	BEST12.	BEST32.		

Obs	litter	rx	time	status	sex
1	1	1	101	0	f
2	1	0	49	1	f
3	1	0	104	0	f
4	2	1	91	0	m
5	2	0	104	0	m

Data Set Name	SURVIVAL.RATS	Observations	300
Member Type	DATA	Variables	5
Engine	V9	Indexes	0
Created	12/30/2020 14:45:15	Observation Length	40
Last Modified	12/30/2020 14:45:15	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information				
Data Set Page Size	65536			
Number of Data Set Pages	1			
First Data Page	1			
Max Obs per Page	1632			
Obs in First Data Page	300			
Number of Data Set Repairs	0			
ExtendObsCounter	YES			
Filename	E:\git\survival-models\2020\data\rats.sas7bdat			
Release Created	9.0401M3			
Host Created	X64_8PRO			

	Variables in Creation Order					
#	Variable	Туре	Len	Format	Informat	
1	litter	Num	8	BEST12.	BEST32.	
2	rx	Num	8	BEST12.	BEST32.	
3	time	Num	8	BEST12.	BEST32.	
4	status	Num	8	BEST12.	BEST32.	
5	sex	Char	3	\$3.	\$3.	

Obs	birth_dt	accept_dt	tx_date	fu_date	fustat	surgery	age	futime	wait_time
1	01/10/1937	11/15/1967	NA	01/03/1968	1	0	30.84462697	49	NA
2	03/02/1916	01/02/1968	NA	01/07/1968	1	0	51.83572895	5	NA
3	09/19/1913	01/06/1968	1/6/1968	01/21/1968	1	0	54.29705681	15	0
4	12/23/1927	03/28/1968	5/2/1968	05/05/1968	1	0	40.26283368	38	35
5	07/28/1947	05/10/1968	NA	05/27/1968	1	0	20.78576318	17	NA

Obs	transplant	mismatch	hla_a2	mscore	reject
1	0	NA	NA	NA	NA
2	0	NA	NA	NA	NA
3	1	2	0	1.11	0
4	1	3	0	1.66	0
5	0	NA	NA	NA	NA

Data Set Name	SURVIVAL.TRANSPLANT	Observations	103
Member Type	DATA	Variables	14
Engine	V9	Indexes	0
Created	12/30/2020 14:45:15	Observation Length	88
Last Modified	12/30/2020 14:45:15	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information			
Data Set Page Size	65536		
Number of Data Set Pages	1		
First Data Page	1		
Max Obs per Page	743		
Obs in First Data Page	103		
Number of Data Set Repairs	0		
ExtendObsCounter	YES		
Filename	E:\git\survival-models\2020\data\transplant.sas7bdat		
Release Created	9.0401M3		
Host Created	X64_8PRO		

	Variables in Creation Order						
#	Variable	Туре	Len	Format	Informat		
1	birth_dt	Num	8	MMDDYY10.	MMDDYY10.		
2	accept_dt	Num	8	MMDDYY10.	MMDDYY10.		
3	tx_date	Char	10	\$10.	\$10.		
4	fu_date	Num	8	MMDDYY10.	MMDDYY10.		
5	fustat	Num	8	BEST12.	BEST32.		
6	surgery	Num	8	BEST12.	BEST32.		
7	age	Num	8	BEST12.	BEST32.		
8	futime	Num	8	BEST12.	BEST32.		
9	wait_time	Char	2	\$2.	\$2.		
10	transplant	Num	8	BEST12.	BEST32.		
11	mismatch	Char	2	\$2.	\$2.		
12	hla_a2	Char	2	\$2.	\$2.		

Variables in Creation Order						
#	Variable	Туре	Len	Format	Informat	
13	mscore	Char	4	\$4.	\$4.	
14	reject	Char	2	\$2.	\$2.	

# **Creating SAS binary file for transplant1**

Obs	birth_dt	accept_dt	tx_date	fu_date	fustat	surgery	age	futime	wait_time
1	1937-01-10	1967-11-15	NA	1968-01-03	1	0	30.844626968	49	NA
2	1916-03-02	1968-01-02	NA	1968-01-07	1	0	51.835728953	5	NA
3	1913-09-19	1968-01-06	1968-01-06	1968-01-21	1	0	54.29705681	15	0
4	1927-12-23	1968-03-28	1968-05-02	1968-05-05	1	0	40.262833676	38	35
5	1947-07-28	1968-05-10	NA	1968-05-27	1	0	20.785763176	17	NA

Obs	transplant	mismatch	hla_a2	mscore	reject
1	0	NA	NA	NA	NA
2	0	NA	NA	NA	NA
3	1	2	0	1.11	0
4	1	3	0	1.66	0
5	0	NA	NA	NA	NA

# **Creating SAS binary file for transplant1**

Data Set Name	SURVIVAL.TRANSPLANT1	Observations	103
Member Type	DATA	Variables	14
Engine	V9	Indexes	0
Created	12/30/2020 14:45:15	Observation Length	88
Last Modified	12/30/2020 14:45:15	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information				
Data Set Page Size	65536			
Number of Data Set Pages	1			
First Data Page	1			
Max Obs per Page	743			
Obs in First Data Page	103			
Number of Data Set Repairs	0			
ExtendObsCounter	YES			
Filename	E:\git\survival-models\2020\data\transplant1.sas7bdat			
Release Created	9.0401M3			
Host Created	X64_8PRO			

	,	Variable	s in Cı	reation Order		
#	Variable	Туре	Len	Format	Informat	
1	birth_dt	Num	8	YYMMDD10.	YYMMDD10.	
2	accept_dt	Num	8	YYMMDD10.	YYMMDD10.	
3	tx_date	Char	10	\$10.	\$10.	
4	fu_date	Num	8	YYMMDD10.	YYMMDD10.	
5	fustat	Num	8	BEST12.	BEST32.	
6	surgery	Num	8	BEST12.	BEST32.	
7	age	Num	8	BEST12.	BEST32.	
8	futime	Num	8	BEST12.	BEST32.	
9	wait_time	Char	2	\$2.	\$2.	
10	transplant	Num	8	BEST12.	BEST32.	
11	mismatch	Char	2	\$2.	\$2.	
12	hla_a2	Char	2	\$2.	\$2.	

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# **Creating SAS binary file for transplant1**

	Variables in Creation Order								
#	Variable Type Len Format Informat								
13	mscore	Char	4	\$4.	\$4.				
14	14 reject Char 2 \$2. \$2.								

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# **Creating SAS binary file for transplant2**

Obs	id	start	stop	event	transplant	age	year	surgery
1	1	0	49	1	0	-17.15537303	0.1232032854	0
2	2	0	5	1	0	3.8357289528	0.2546201232	0
3	3	0	15	1	1	6.2970568104	0.2655715264	0
4	4	0	35	0	0	-7.737166324	0.4900752909	0
5	4	35	38	1	1	-7.737166324	0.4900752909	0

# **Creating SAS binary file for transplant2**

Data Set Name	SURVIVAL.TRANSPLANT2	Observations	170
Member Type	DATA	Variables	8
Engine	V9	Indexes	0
Created	12/30/2020 14:45:16	Observation Length	64
Last Modified	12/30/2020 14:45:16	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine	/Host Dependent Information
Data Set Page Size	65536
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	1021
Obs in First Data Page	170
Number of Data Set Repairs	0
ExtendObsCounter	YES
Filename	E:\git\survival-models\2020\data\transplant2.sas7bdat
Release Created	9.0401M3
Host Created	X64_8PRO

	Var	iables ir	Creat	ion Order	
#	Variable	Туре	Len	Format	Informat
1	id	Num	8	BEST12.	BEST32.
2	start	Num	8	BEST12.	BEST32.
3	stop	Num	8	BEST12.	BEST32.
4	event	Num	8	BEST12.	BEST32.
5	transplant	Num	8	BEST12.	BEST32.
6	age	Num	8	BEST12.	BEST32.
7	year	Num	8	BEST12.	BEST32.
8	surgery	Num	8	BEST12.	BEST32.

Obs	id	admit	foldate	los	lenfol	fstat	age	gender	bmi	admitdate
1	1	03/13/19	03/19/19	4	6	1	65	0	31.3813	21621
2	2	01/14/19	01/23/19	5	374	1	88	1	22.6579	21563
3	3	02/17/19	10/04/20	5	2421	1	77	0	27.8789	21597
4	4	04/07/19	07/14/19	9	98	1	81	1	21.4788	21646
5	5	02/09/19	05/29/19	4	1205	1	78	0	30.7060	21589

Data Set Name	SURVIVAL.WHAS100	Observations	100
Member Type	DATA	Variables	10
Engine	V9	Indexes	0
Created	12/30/2020 14:45:16	Observation Length	80
Last Modified	12/30/2020 14:45:16	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/l	lost Dependent Information
Data Set Page Size	65536
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	817
Obs in First Data Page	100
Number of Data Set Repairs	0
ExtendObsCounter	YES
Filename	E:\git\survival-models\2020\data\whas100.sas7bdat
Release Created	9.0401M3
Host Created	X64_8PRO

Var	iables in Cro	eation C	rder
#	Variable	Туре	Len
1	id	Num	8
2	admit	Char	8
3	foldate	Char	8
4	los	Num	8
5	lenfol	Num	8
6	fstat	Num	8
7	age	Num	8
8	gender	Num	8
9	bmi	Num	8
10	admitdate	Num	8

Obs	id	age	gender	hr	sysbp	diasbp	bmi	cvd	afb	sho	chf	av3	miord	mitype	year
1	1	83	0	89	152	78	25.5405	1	1	0	0	0	1	0	1
2	2	49	0	84	120	60	24.0240	1	0	0	0	0	0	1	1
3	3	70	1	83	147	88	22.1429	0	0	0	0	0	0	1	1
4	4	70	0	65	123	76	26.6319	1	0	0	1	0	0	1	1
5	5	70	0	63	135	85	24.4126	1	0	0	0	0	0	1	1

Obs	admitdate	disdate	fdate	lis	dstat	lenfol	fstat
1	01/13/19	01/18/19	12/31/20	5	0	2178	0
2	01/19/19	01/24/19	12/31/20	5	0	2172	0
3	01/01/19	01/06/19	12/31/20	5	0	2190	0
4	02/17/19	02/27/19	12/11/19	10	0	297	1
5	03/01/19	03/07/19	12/31/20	6	0	2131	0

Data Set Name	SURVIVAL.WHAS500	Observations	500
Member Type	DATA	Variables	22
Engine	V9	Indexes	0
Created	12/30/2020 14:45:16	Observation Length	176
Last Modified	12/30/2020 14:45:16	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information			
Data Set Page Size	65536		
Number of Data Set Pages	2		
First Data Page	1		
Max Obs per Page	371		
Obs in First Data Page	354		
Number of Data Set Repairs	0		
ExtendObsCounter	YES		
Filename	E:\git\survival-models\2020\data\whas500.sas7bdat		
Release Created	9.0401M3		
Host Created	X64_8PRO		

Variables in Creation Order				
#	Variable	Туре	Len	
1	id	Num	8	
2	age	Num	8	
3	gender	Num	8	
4	hr	Num	8	
5	sysbp	Num	8	
6	diasbp	Num	8	
7	bmi	Num	8	
8	cvd	Num	8	
9	afb	Num	8	
10	sho	Num	8	
11	chf	Num	8	
12	av3	Num	8	
13	miord	Num	8	
14	mitype	Num	8	
15	year	Num	8	
16	admitdate	Char	8	
17	disdate	Char	8	
18	fdate	Char	8	
19	lis	Num	8	
20	dstat	Num	8	
21	lenfol	Num	8	
22	fstat	Num	8	