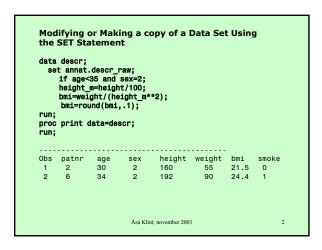
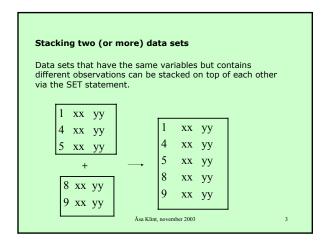
```
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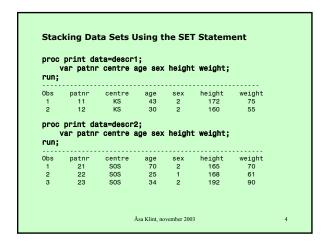
• Modifying and Combining SAS Data Sets
• Merging with registry data

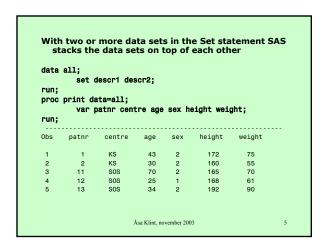
Åsa Klint

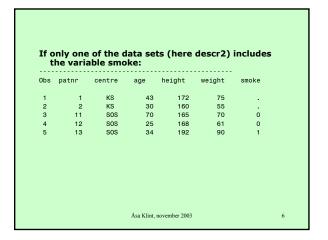
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```

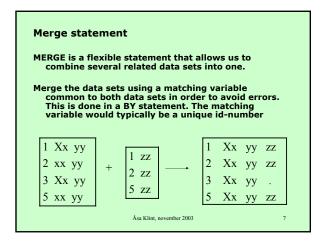


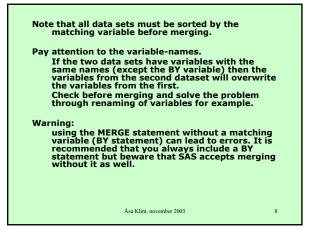












0bs	patnr	age	sex	height	weight	smoke	
1	1	43		172		0	
2	2 3	30	2 1	160	55	0	
3	3	27	1	180	94	1	
4	4	70	2	165	70	0	
BLOOD	PR						
0bs	patnr	week	sbp				
1	1	1	143				
2	1	2	140				
3	2 2	1	120				
4	2	2	125				
5	3 3	1	135				
6	3	2	131				
7	4	1	151				
8	4	2	146				



0bs	patnr	sex	height	week	sbp	
1	1	2	172	1	143	
2	1	2	172	2	140	
3	2	2	160	1	120	
4	2	2	160	2	125	
5	3	1	180	1	135	
6	3	1	180	2	131	
7	4	2	165	1	151	
8	4	2	165	2	146	

data	all;						
		desci		odpr;			
proc	print d						
	var	patnr	age se	x height	week s	op;	
run;							
0bs	patnr	age	sex	height	week	sbp	
1	1	43	2	172	1	143	
2	1	30				140	
3	2	27		180	1	120	
4	2	70	2	165	2	125	
5	3				1	135	
6	3				2	131	
7	4				1	151	
8	4	_			2	146	

Using SAS Data Set Options The most frequently used data set options: Options: KEEP = variable list DROP = variable list variables to drop RENAME = (oldvar = newvar) FIRSTOBS = n start reading at obs n

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stop reading at obs n

temporary variable for tracking whether that data set contributed to the current observation.

OBS = n

IN = newvar-name

```
Using SAS Data Set Options

data in1;
    set annat.descr_raw (keep = patnr age sex smoke);

data in2;
    set annat.descr_raw (drop = height weight bmi);

data in3;
    set annat.descr_raw (rename = (height = heightcm));

proc print data=in3 (firstobs=2 obs=4);
run;

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```

Tracking observations using the IN= option (IN creates a new temporary variable)

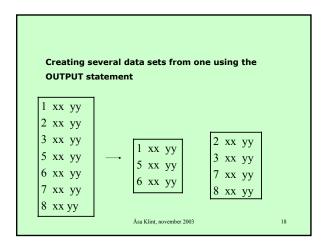
data all;
 merge descr1 (in=indesc) bloodpr (in=inbp);
 by patnr;

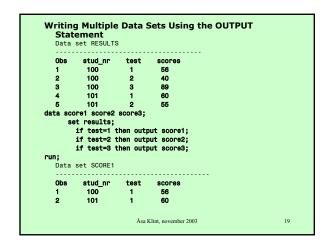
The variables 'indesc' and 'bp' exist only for the duration of current data step and are not added to the data set being created.

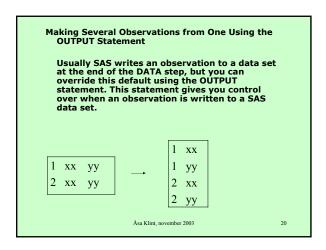
SAS gives IN=variables a value of 0 if that data set did not contribute to the current observation and a value of 1 if it did.

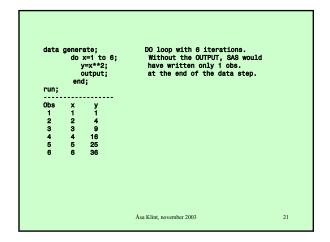
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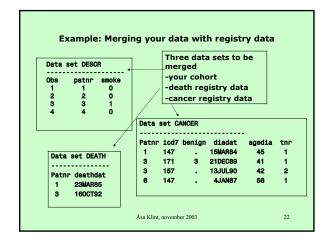
Tracking and selecting observations with the IN=option DESCR BLOODPR patnr 12 patnr 12 sbp 150 128 122 0bs 13 14 30 27 2 13 14 120 data combined; merge descr(in=indescr) bloodpr; by pathr; if indescr=1; run; /* Only patients that were in the data set descr will be included in the new combined data set*/ Åsa Klint, november 2003 16

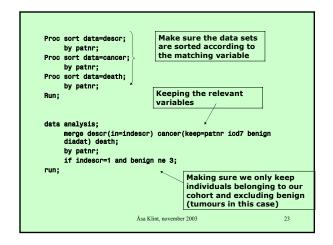


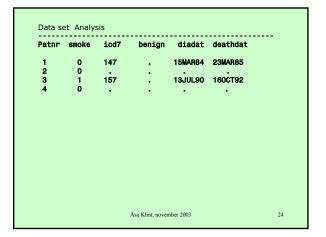


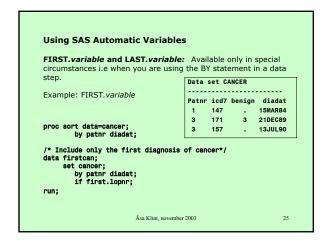


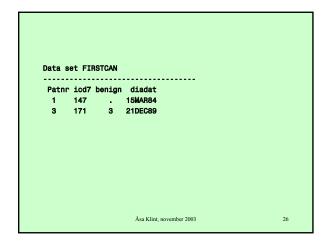


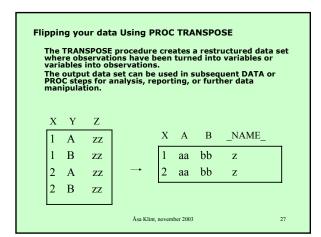


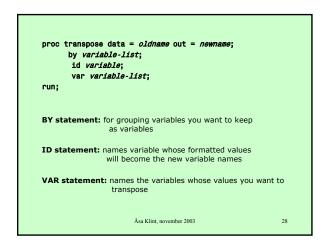


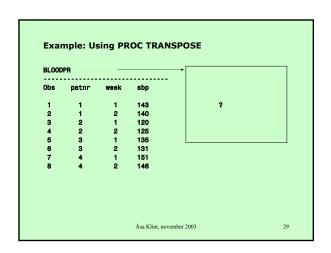


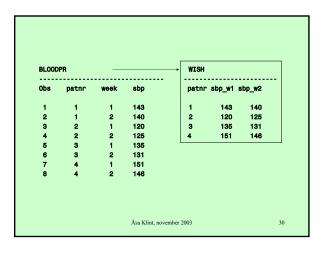












```
proc transpose data=bloodpr out=bp;
    by patnr;
    id week;
    var sbp;
run;

Obs patnr _NAME_ _ 1 _ 2

1    1    sbp    143    140
2    2    sbp    120    125
3    3    sbp    135    131
4    4    sbp    151    146

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```

Thank you for attending this seminar! Upcoming seminar: Paul Dickman will give a SAS seminar at 1 pm, tuesday Nov 18 in this room

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