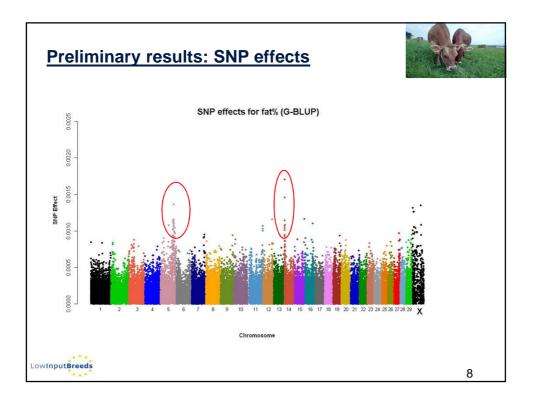
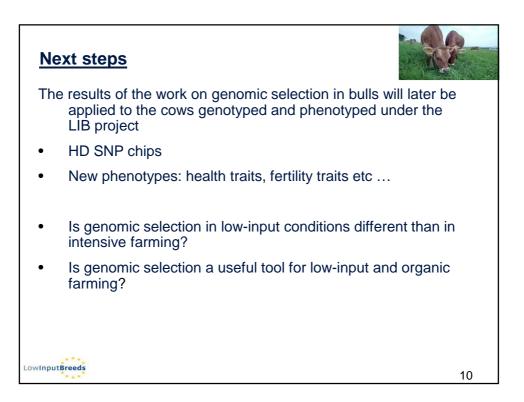
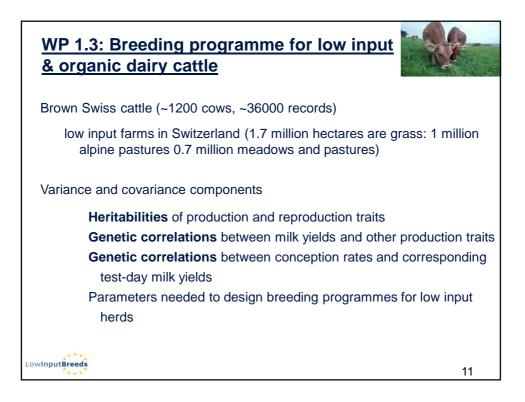


Preliminary res	sults: G	i-mat	rix				
	M	ilk yiel	d		NRR		
	Var(EBV)		logL	Var(EBV)	Var(e	logL	
Astle & Balding	171409	10997	-7218.55	57.58	3.58	-2706.86	
Van Raden (1)	172279	13022	-7227.02			-2710.88	
Eding & Meuwissen	195782	13018	-7227.92	60.21	3.50	-2709.76	
Astle & Balding hig	her likelih	ood tha	in other n	nethods			
owInputBreeds							7

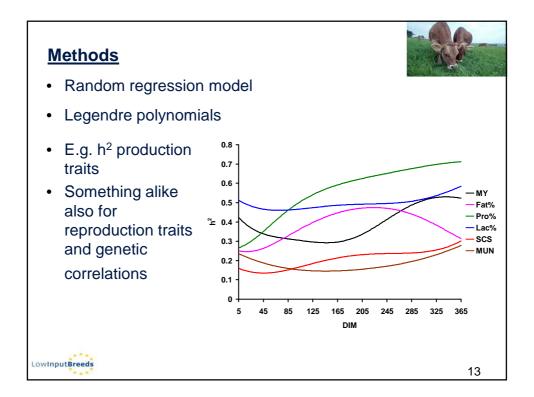


	1	661	un		6		
	CDV-	GBL		Baye		without X	
Milk	EBVs	0.743	0.028	0.754	0.027	0.740	
	DRPRFs	0.727	0.030	0.730	0.023	0.724	
NRR	EBVs DRPRFs	0.726	0.031			0.726	
-	esC a bit b 's better th		S	JP			





Available	<u>e data</u>					AT ST	
Trait complex	Trai. Full Name	t Abbreviation	No. records	Mean	SD	Min	Max
Production	Milk yield	MY (in kg)	33,799	22.25	6.59	1.6	53.2
	Fat%	Fat%	33,705	4.03	0.61	1.5	9.65
	Protein%	Pro%	33,713	3.43	0.35	2.23	5.82
	Lactose%	Lac%	33,713	4.83	0.2	2.11	5.55
	Somatic cell score	SCS	33,799	2.6	1.56	-3.64	9.64
	Milk urea nitrogen	MUN (in mg/dl)	33,710	24.68	8.55	5	90
Reproduction	Age at first calving	AFC (in d)	1388	939.49	100.68	700	1351
	Calving to 1 st service	CTFS (in d)	4486	69.95	28.30	6	320
	Days open	DO (in d)	4486	98.58	59.71	12	500
	Gestation length	GL (in d)	3466	290.30	5.93	242	300
	Calving interval	CI (in d)	3496	388.62	58.55	296	791
	No. insemination	NI	4484	1.68	1.09	1	11
	Calving ease	CE (scale 1-4)	4443	1.31	0.54	1	4
	Still-birth	SB (0 or 1)	4828	0.05	0.22	0	1
Correlation	Conception rates	CR (0 or 1)	3389	1.56	0.50	1	2
	Milk yield (cor)	MYc (in kg)	3389	23.0	4.75	6.0	41.8



heritabilities	-			-	<u></u>		
	MY	Fat%	Pro%	Lac	% S	SCS	MUN
n ² over DIM	0.39	0.39	0.56	0.5	0 ().21	0.18
Almost all fer	tility trai	ts have		perital	hilitie		
Almost all fer	tility trai	ts have	e low l	GL	bilitie:	S CE	SB

