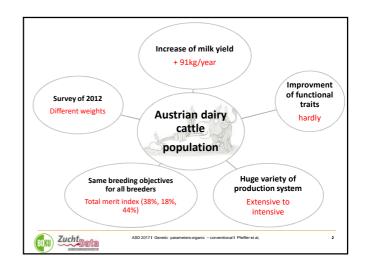
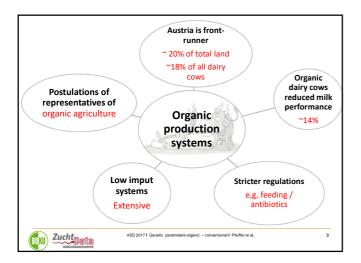
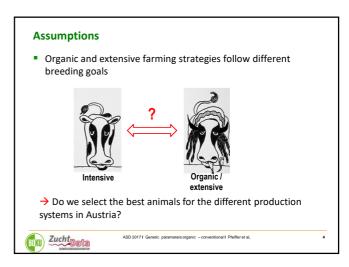
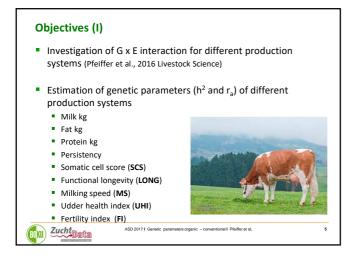
Genetic parameters of
Austrian Fleckvieh cattle
in organic and conventional
production systems
with different levels of
management

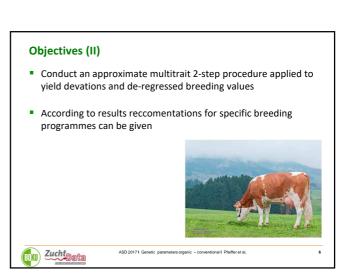
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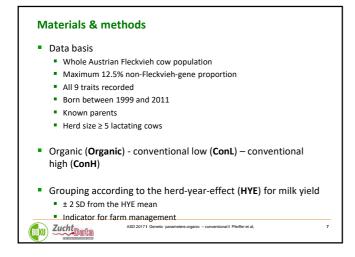


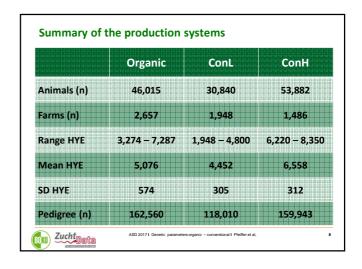


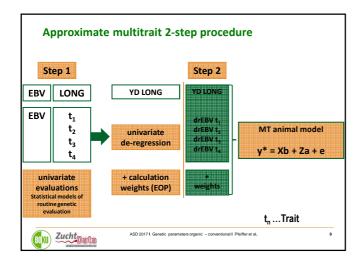


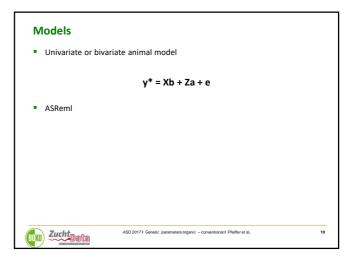












	Organic	ConL	ConH
Milk kg	0.63	0.59	0.65
Fat kg	0.50	0.45	0.55
Protein kg	0.57	0.51	0.57
Persistency	0.56	0.52	0.62
scs	0.23	0.22	0.29
LONG	0.07	0.09	0.04
MS	0.27	0.21	0.33
JHI	0.12	0.15	0.21
FI	0.06	0.04	0.05

	Organic	ConL	ConH
Fat kg	0.66	0.70	0.66
Protein kg	0.84	0.85	0.86
Persistency	-0.04*	-0.12	0.01*
SCS	-0.01*	0.09	0.01*
LONG	-0.23	-0.29	-0.23
MS	0.36	0.45	0.34
UHI	-0.01*	0.05*	0.01*
FI	-0.15	-0.32	-0.14
*not significantly diffe	erent from zero		

## **Conclusions**

- Applied procedure was feasible
- Similar genetic heritabilies and genetic correlations between traits
- Similar production environments and farm managements
- Slight G x E for several traits but close to unity (Pfeiffer et al., 2016)
- Independent breeding objectives are currently not needed
- More research required for **indicators** of **ConL** farms



ASD 2017 I Genetic parameters organic - conventional I Pfeiffer et al,

