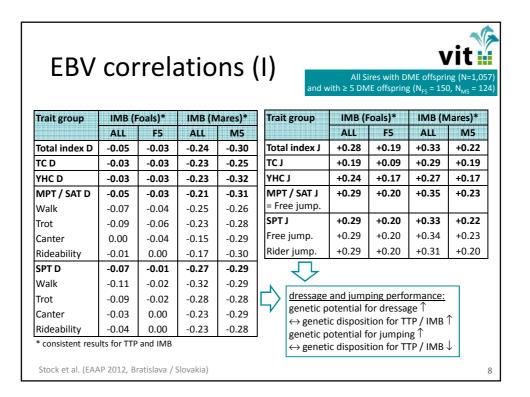
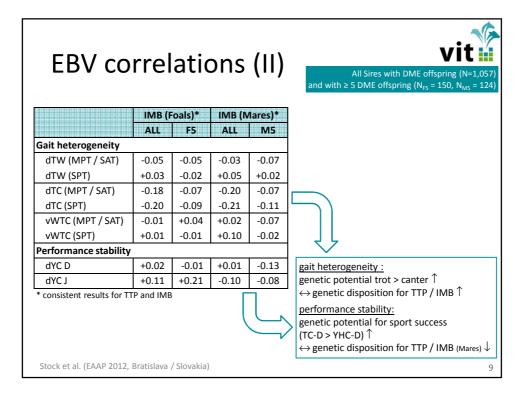


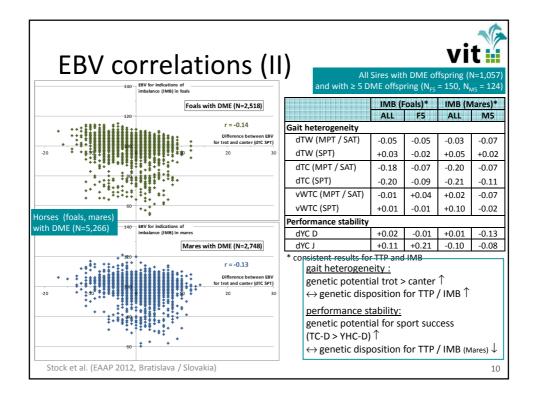
Genetic d	correlation analyses vit
Pearson correl	ation coefficients (r)
	rable movement characteristics ssage and jumping performance and EBV-derived
measures of pe	
measures of pe Detailed movement evaluations (DME)	Integrated genetic evaluation
Detailed movement	

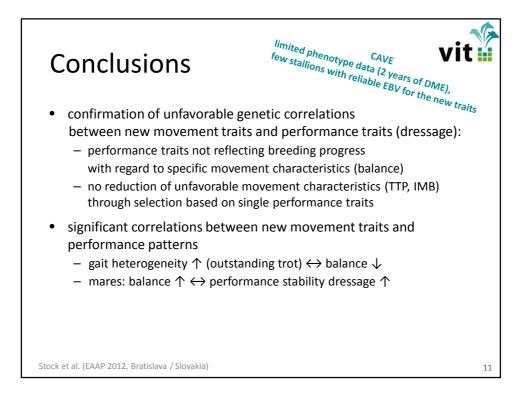
EBV	distrib	uti	ions					VIT	
Group of horses			Total no.						
			of horses		Own EB	V	Pedigre	e EBV (sire+dam	
Mares with DME			2,844		2,135 (75	%)	(	513 (22%)	
Foals with DME			3,374		0		2,518 (75%)		
Sires of foals and/or mares with DME			1,065		1,046 (98	%)		11 (1%)	
Sires with $\geq$ 5 DME foals			150		148 (99%	6)		2 (1%)	
Sires with ≥ 5 DME mares			124		124 (100	%)		0	
Sires with DM	E offspring + EBV fr	om IG	E2011 (N=1	.,057)	$\mathbf{\hat{\nabla}}$				
rait group	No. of offspring	EBV n	nean (range	s)	Variable	MPT / SA	T	SPT	
Dressage (D)	97.9 (0 - 2,200)	106.1	(44 - 171)		dTW	0.7 (-40 t	o +45)	1.4 (-29 to +37)	
umping (J)	104.8 (0 - 1,810)	106.3	(27 - 169)		dTC	-1.8 (-28	to +28)	-1.5 (-22 to +17	
DME	5.86 (1 - 159)				vWTC	64.8 (0.0	- 558.3)	40.6 (0.0 - 482.	
DME foals	3.17 (0 - 136)	TTP	99.6 (62 - 1	20)		sport D		sport J	
	[→ 25.0 (5 - 136)]	IMB	99.2 (51 - 1	21)	dYC	+0.6 (-27	to +19)	+0.2 (-35 to +19	
DME mares	2.7 (0 - 98)	TTP	100.2 (69- 1	24)					
	1	1	100.1 (67 -						

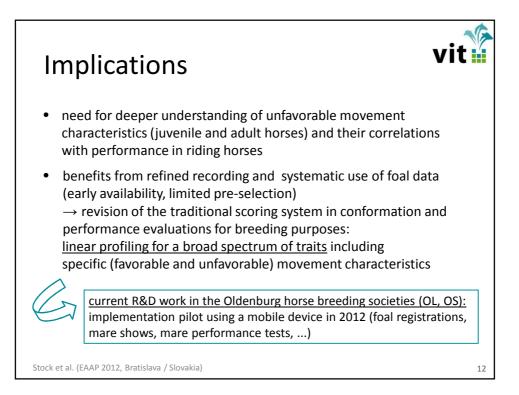


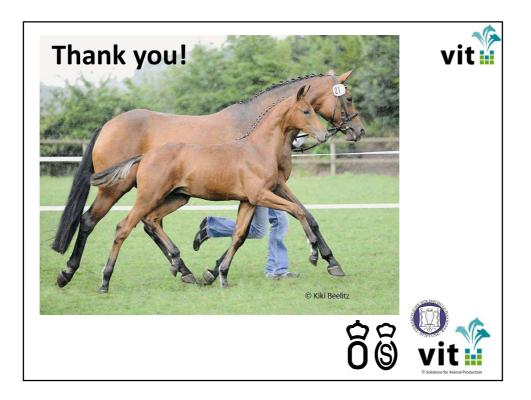


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