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My research on agile development processes

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Philosophical aspects

- Are there qualitative or quantitative studies, really?
- SE has a social side.

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Social Psychology and scale construction.

- Usually surveys or experiments.
- It's all about validity!

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Definition:

“Validity is not a property of the test or assessment as such, but rather of the meaning of the test scores. These scores are a function not only of the items or stimulus conditions, but also of the persons responding as well as the context of the assessment. In particular, what needs to be valid is the meaning or interpretation of the score; as well as any implications for action that this meaning entails.”

Messick, 1995

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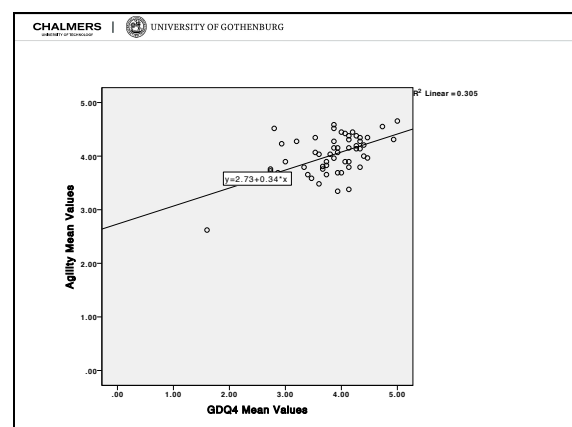
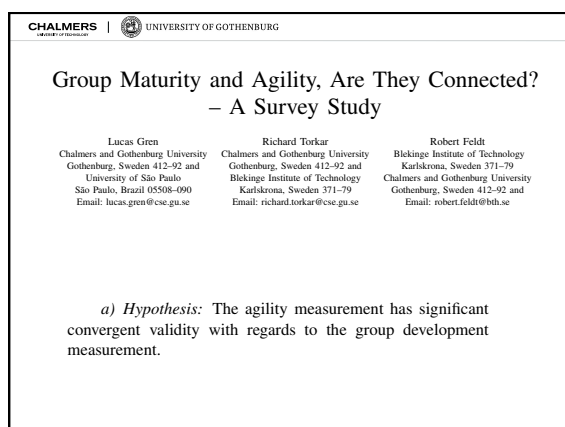
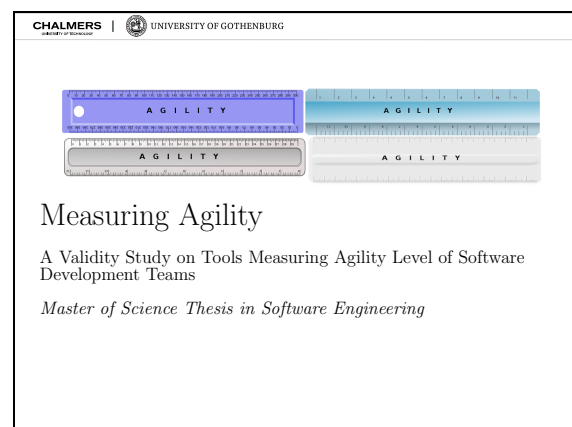
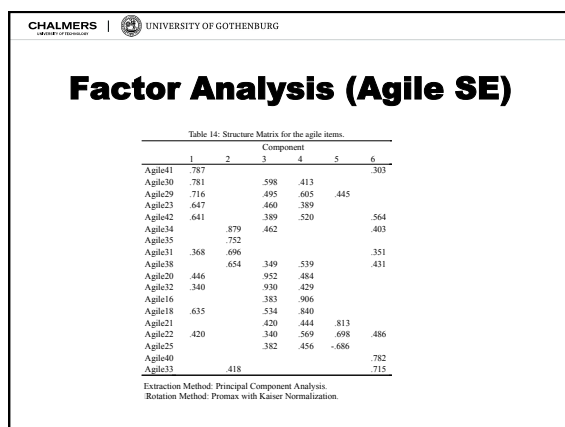
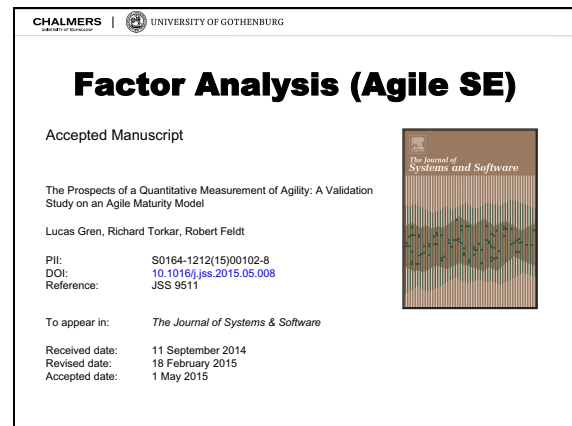
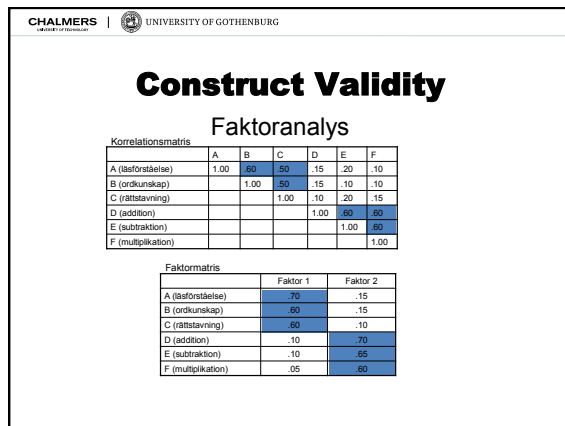
Test Validity

- We validate the usage of a test, not the test itself! (Contextual factors and representation of population).

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Construct Validity

- Are we measuring the right thing?
- Does our treatment reflect the cause construct?
- Can be partially tested statistically through a Factor Analysis (and/or Principal Component Analysis, PCA).



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Coefficients ^a					
Model	Unstandardized Coefficients	Standardized Coefficients	B	Std. Error	t
1	(Constant)		2.732	.264	10.365
	GDQ4 Mean Values		.336	.068	.553
					4.916
					.000

a. Dependent Variable: Agility Mean Values

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Thanks!

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"I think you should be more explicit here in step two."

CN COLLECTION