

# Relations between the Strength of Appropriability Regime and Firm's Standardization Activeness

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# Purpose of the study

- Theoretical examination of the benefits and challenges that firms face in their search for functional means of protection and appropriation - especially in relation to revealing ideas and establishing innovations in standardization
- Empirical examination of the interrelationships between the strength of appropriability mechanisms and the firms' standardization activeness
- Particularly the roles of other formal protection mechanisms (than IPRs) and more informal means of protection, and their relations with standardization activeness

# Data

- Collected in Finland 2008-2009
- Structured web-based questionnaire
- Cross-industry sample of Finnish companies engaged in R&D
- Firms with at least 100 employees
- Effective response rate of 37.4% (213/570)

# Results: Correlation matrix

	N of items	1	2	3	4	5	6	7
1. Participation in formal standardization	1	1.00						
2. Participation in informal standardization	1	.694**	1.00					
3. Tacitness (informal)	7	.118	.180*	1.00				
4. Lead-time (informal)	3	.067	.163*	.527**	1.00			
5. HRM contracts (formal)	3	.084	.181*	.488**	.479**	1.00		
6. IPR (formal)	3	.195**	.246**	.404**	.455**	.531**	1.00	
7. Technical and practical (informal)	3	.234**	.285**	.582**	.487**	.521**	.455**	1.00

\* Correlation is significant at the 0.05 level (2-tailed)

\*\* Correlation is significant at the 0.01 level (2-tailed)

## Further research

- Examination of possible (statistical) differences between firms' participation in formal and informal standardization, and types of appropriability regime when controlling for firm size, R&D intensity, and industry, among other things

# Thank you! Kiitos!

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