

Table S1. Results of the FEM regression with PCSE. OLS grouped panel, random and fixed estimations and Prais-Winsten estimation with PCSE and fixed effects

Variable	OLS grouped panel	Random effects	Fixed effects	PCSE with fixed effects
	(1)	(2)	(3)	(4)
	ROS	ROS	ROS	ROS
DOI_t	-0.1914**	-0.1306**	-0.0985*	-0.0985*
DOI²_t	0.0018**	0.0014**	0.0013**	0.0014*
DOI³_t	-4.96e-06**	-4.08e-06**	-3.84e-06**	-3.84e-06*
l_Size_t	-0.7777	-0.0701	1.5258*	1.5258*
l_Age_t	0.6715 **	-0.0080	-1.9287*	-1.9287*
Int_ADV_t	0.0984**	0.0203	-0.0070	-0.0070
Innova product_t	1.044	1.4696*	1.4869*	1.4869**
Innova process_t	0.9884	-0.0339	-0.3590	-0.3590
Constant	9.172**	10.044**	8.570	15.4669**
Regional dummy	+	+	+	+
Nº Firms	342	342	342	342
Nº Observations	2.644	2.644	2.644	2.644
<i>R</i> ²	0.0456	0.0064	0.0119	0.480
Prob>F	0.00	0.00	0.00	0.00
Breusch-Pagan test for random effects	Prob> χ^2 =0.000			
Breusch-Pagan test for fixed effects	Prob> χ^2 =0.00			
Wald test for heteroskedasticity	Prob> χ^2 =0.00			
Wooldridge test for autocorrelation	Prob> χ^2 =0.01			

** and * denote 1% and 5% of the level of statistical significance, respectively.