

Table 11. The influence of changes in technology interrelatedness upon the average distance products/technologies

Products	coeff. period	1st t-value	Panel	Simple	coeff. period	2nd t-value	sign. Panel	sign. Simple
Food and tobacco products	0,153	1,411			-0,066	-0,563		
Distillation processes	0,108	0,651			-0,057	-0,314		
Inorganic chemicals	0,092	0,527			0,019	0,097		
Agricultural chemicals	-0,02	-0,133			-0,134	-0,809		**
Chemical processes	1,008	4,993	***	***	-0,916	-4,165	***	***
Photographic chemistry	0,468	2,446	**	***	-0,27	-1,298		*
Cleaning agents etc.	0,293	1,559			-0,215	-1,051		
Disinfecting and preserving	0,095	0,477			0,126	0,581		
Synthetic resins and fibres	0,175	0,936			-0,21	-1,03		
Bleaching and dyeing	0,027	0,148			-0,09	-0,444		
Other organic compounds	0,226	1,396		**	-0,247	-1,397		**
Pharmaceuticals and biotechnology	0,244	1,51		*	-0,347	-1,972	**	**
Metallurgical processes	0,246	1,467		*	-0,23	-1,261		
Miscellaneous metal products	1,023	4,724	***	***	-1,101	-4,666	***	***
Food, drink and tobacco equipment	0,502	2,696	***	**	-0,305	-1,507	**	**
Chemical and allied equipment	0,55	2,906	***	**	-0,769	-3,728		*
Metal working equipment	0,361	2,033	**	*	-0,388	-2,009		
Paper making apparatus	0,413	1,74	*		-0,385	-1,489		
Building mat. equipment	-0,01	-0,041			0,2	0,762		
Material handling equipment	0,758	3,706	***	***	-0,375	-1,683	*	
Agricultural equipment	-0,31	-0,124			0,118	0,433		
Other construction equipment	0,114	0,458			-0,197	-0,723		
Mining equipment	0,181	0,867			-0,32	-1,406		**
Electrical lamp manufacturing	-0,196	-0,991			0,492	2,29	**	**
Textile and clothing machinery	-0,106	0,474			0,121	0,498		
Printing and publishing machinery	0,346	1,537		*	-0,086	-0,353		
Woodworking and machinery	0,355	1,255		*	0,028	0,92		
Other specialised machinery	0,673	3,154	***	***	-0,767	-3,301	***	***
Other general industrial equipment	0,401	2,238	**	**	-0,366	-1,873	*	*
Calculators and typewriters	0,426	2,539	**	**	-0,061	-0,333		
Power plants	0,067	0,433			0,095	0,562		
Nuclear reactors	-0,18	-0,869			0,093	0,41		
Telecommunications	0,078	0,48			0,031	0,178		
Other communication systems	0,193	1,211			-0,219	-1,264		
Special radio systems	0,082	0,518			0,101	0,58		
Image and sound equipment	0,041	0,24			0,056	0,297		
Illumination devices	0,265	1,577		*	-0,162	-0,886		
Electrical devices and systems	0,328	1,919	*	**	-0,293	-1,576		*
Other general electrical equipment	0,359	1,947	*	**	-0,382	-1,903	*	*
Semiconductors	0,058	0,366			0,082	0,475		
Office equipment and DP	-0,145	-0,815			0,341	1,76	*	**
Internal combustion engines	0,26	1,587		***	-0,139	-0,782		
Motor vehicles	0,117	0,732			-0,048	-0,273		
Aircraft	-0,03	-0,183			-0,188	-1,041		
Ships and marine propulsion	0,035	0,194			-0,08	0,41		
Railways and railway equipment	0,124	0,659			0,05	0,245		
Other transport equipment	0,019	0,11			-0,002	-0,012		
Textiles, clothing and leather	0,028	0,088			-0,173	-0,506		
Rubber and plastic products	0,256	1,138			-0,188	-0,768		
Non-metallic mineral products	0,735	3,58	***	***	-0,373	-1,667	*	*
Coal and petroleum products	0,11	0,663			-0,014	-0,077		
Photographic equipment	0,109	0,609			-0,051	-0,262		
Other instruments and controls	1,101	5,773	***	***	-1,157	-5,569	***	***
Wood products	0,545	2,304	**	***	-0,112	-0,436		
Explosive combustions	0,095	0,373			-0,587	-2,127	**	**
Others	0,488	2,446	**	***	-0,245	-1,13		
Constant	0,0603	1,757	*		-0,0641	1,171	*	
R-bar sq.	0,0925	2,579			0,0672	4,024		

sign. Panel = significance in panel regression; sign. Simple = significance in the simple OLS regression

*: significance at p<.10; **: significance at p<.05; ***: significance at p<.01

-: not enough observations to estimate