

Supplementary Material

		Western countries							Asian countries						
		CHE	DEU	DNK	FIN	NLD	SWE	USA	CHN	IND	JPN	KOR	MYS	SGP	TWN
	cumulative change in SE*PI	0.17	-0.07	-0.26	-0.16	0.02	-0.13	0.01	0.19	0.02	0.04	-0.17	0.11	0.11	0.01
	cumulative contribution of digitalization	0.03	0.01	0.01	-0.01	0.00	0.01	0.01	0.02	0.00	0.01	0.01	0.02	0.02	0.00
digitalization in...	contribution by indicator (%)														
technology base	patent applications in ICT (PCT)	5.2	1.4	-18.9	71.1	-62.5	-13.3	-5.3	2.1	-3.3	14.4	14.0	2.1	-8.5	-2.1
	patent applications in nanotechnology (PCT)	-6.8	-51.8	-5.2	73.9	-104.8	-150.4	-9.5	0.7	-9.2	-83.5	24.5	-0.1	-26.6	-9.1
	individuals using Internet	3.4	8.5	19.3	-12.0	13.2	9.3	1.3	2.1	-8.9	8.0	5.5	2.3	8.5	-18.3
	use of virtual social networks	1.2	3.3	8.6	-6.3	9.7	6.1	4.0	0.8	3.3	4.0	3.5	1.8	4.7	-6.8
society and education	business-to-consumer Internet use	3.9	7.9	24.7	10.6	33.3	22.0	17.7	14.4	-20.5	19.3	-4.2	16.7	16.0	56.2
	impact of ICT on access to basic services	12.1	28.5	26.0	-0.8	99.2	54.8	20.9	2.6	14.6	28.6	-0.4	6.7	17.8	-21.2
	Internet access in schools	-2.7	-8.6	-26.0	30.1	-0.2	-13.6	-1.0	4.5	-41.9	-5.9	-26.9	4.9	8.2	71.4
	fixed broadband Internet subscriptions	4.1	9.9	15.2	-6.0	23.5	17.5	5.5	1.7	-1.1	4.9	7.8	1.1	4.4	-5.6
infrastructure	international Internet bandwidth	0.3	0.3	1.6	-0.7	1.7	2.5	0.2	0.0	0.0	0.1	0.1	0.0	1.8	-0.3
	mobile broadband subscriptions	4.9	7.7	18.0	-16.0	16.8	20.5	7.5	1.7	-1.4	5.9	4.9	4.1	7.2	-16.6
	secure Internet servers	5.7	6.6	11.0	-10.3	39.5	19.7	2.7	0.0	-0.1	3.6	11.1	0.2	3.0	-4.0
	production	65.1	90.9	55.5	-66.8	-14.1	150.7	30.0	63.2	-47.5	31.4	95.3	38.9	51.8	25.8
firm management	ICT service exports (% of service exports)	-0.9	-5.5	-2.1	7.4	5.8	-11.4	-1.5	1.3	56.3	7.2	-14.3	1.9	-1.2	8.3
	impact of ICT on business models	3.8	6.6	6.1	-2.4	24.3	8.8	4.0	1.2	59.7	7.2	-1.4	1.6	6.0	-5.6
	impact of ICT on new organizational models	11.9	18.7	47.8	-28.5	54.0	47.9	17.3	2.3	2.7	19.0	6.6	8.8	14.0	-5.7
	ICT use and gov't efficiency	-7.5	-9.0	-33.8	50.1	-29.4	-27.0	3.3	-1.3	127.0	17.5	-9.9	5.4	-4.7	53.1
policy and institutions	laws relating to ICTs	-3.1	-16.7	-34.3	13.4	-19.2	-51.9	-0.1	0.8	28.2	5.1	-23.3	0.3	-4.9	4.5
	E-participation index	1.0	4.9	7.9	-14.0	18.6	16.6	4.7	3.1	-61.9	9.4	11.9	2.0	5.6	-25.5
	importance of ICTs to gov't vision	-0.6	-0.8	-8.9	1.1	-3.6	-3.1	0.1	-0.2	-1.6	2.9	-2.8	0.8	-0.7	-4.1
	government's success in ICT promotion	-1.1	-2.8	-12.7	5.9	-6.1	-5.7	-1.8	-0.9	5.7	1.1	-1.9	0.4	-2.5	5.7
		100	100	100	100	100	100	100	100	100	100	100	100	100	100

Table S.1: Cumulative changes in the SE*PI and contribution of digitalization. Authors' own calculations.