



BANK OF JAPAN

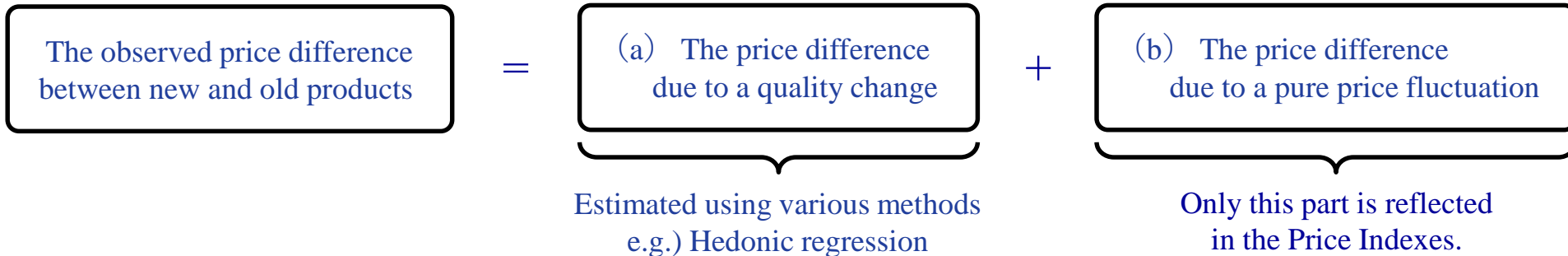
Cross cutting topic (8)

Innovative methods for capturing quality change

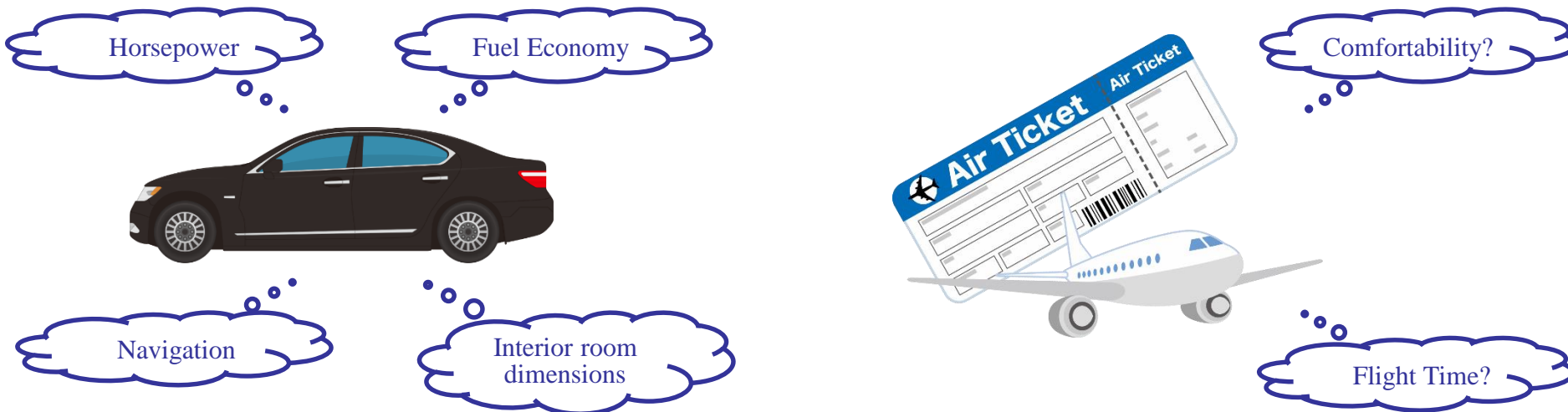


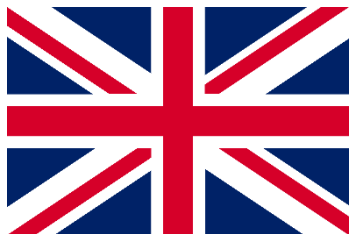
38th Voorburg Group Meeting
Israel, March 2024

Quality Adjustment



Quality adjustment to "Services" is difficult compared to "Goods"





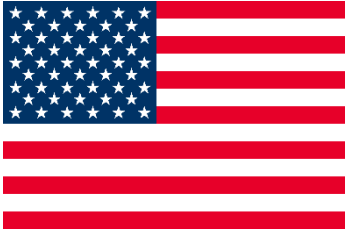
Case studies on Information Services and Architecture and Engineering Services

▽Product Classifications

CPA	
63	Information services
6311	Data processing, hosting and related services
6312	Web portal services
6391	News agency services
6399	Other information services n.e.c.
	...
71	Architecture and Engineering Services
7111	Architectural services
7112	Engineering services and related technical consulting services

NAPCS	
771070102	Information technology (IT) technical consulting services
771070103	Hosting, data processing, and information technology (IT) infrastructure provisioning services
771070104	IT infrastructure and network management services
771070105	IT technical support services
	...
171050108	Architectural services for residential building projects
471040101	Architectural consulting services
471040104	Engineering consulting services





Case studies on **Broadband Internet Services** with Hedonic model

▽Product Classifications

CPA		
61		Telecommunications services
	6110	Wired telecommunications services
	6120	Wireless telecommunications services
	6130	Satellite telecommunications services
	6190	Other telecommunications services

NAPCS	
771070101	Carrier services, Internet backbone services, Internet access, and telephone and related services

