Article title: Systematic Review of Tools and Approaches for Evaluating the Transferability of Health Technology Assessments Across Different Jurisdictions

Journal name: International Journal of Health Policy and Management (IJHPM)

Authors' information: Elham Ahmadnezhad¹, Mehrnaz Kheirandish²*, Ali Akbari-Sari³, Arash Rashidian²

¹Health System Observatory Secretariat, National Institute of Health Research, Tehran University of Medical Sciences, Tehran, Iran.

²Department of Science, Information and Dissemination, WHO Regional Office for the Eastern Mediterranean, Cairo, Egypt.

³Department of Health Management and Economics, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran.

*Correspondence to: Mehrnaz Kheirandish; Email: kheirandishm@who.int

Citation: Ahmadnezhad E, Kheirandish M, Akbari-Sari A, Rashidian A. Systematic review of tools and approaches for evaluating the transferability of health technology assessments across different jurisdictions. Int J Health Policy Manag.2024;13:8218. doi:<u>10.34172/ijhpm.8218</u>

Supplementary file 1. Search Strategies in the Searched Databases

Date: 15 March-15 April 2021

Search strategies in all bibliographic databases

Data bases	Search strategy	NO. of documents
PubMed	((Technology Assessment Biomedical[tiab]) OR (health technology assessment[tiab]) OR (Cost-	1304
	Benefit Analysis[tiab]) OR (economic evaluation analysis[tiab]) OR (cost-effectiveness	
	Analysis[tiab]) OR (cost-utility Analysis[tiab]) OR (HTA[tiab]))	
	AND	
	((applicability[tiab]) OR (generalisability[tiab]) OR (generalizability [tiab]) OR (adaptability [tiab])	
	OR (adaptation[tiab]) OR (transferability[tiab]) OR (portability[tiab]) OR (adoption[tiab]) OR	
	(exchangeability[tiab]) OR (Toolkit*[tiab]) OR (Checklist*[tiab]))	

Search strategy	NO. of
	documents
(TITLE-ABS(Technology Assessment Biomedical) OR TITLE-ABS(health technology assessment)	6743
OR TITLE-ABS(Cost-Benefit Analysis) OR TITLE-ABS(economic evaluation analysis) OR TITLE-	
ABS(cost-effectiveness Analysis) OR TITLE-ABS(cost-utility Analysis) OR TITLE-ABS(HTA))	
AND	
(TITLE-ABS(applicability) OR TITLE-ABS(generalisability) OR TITLE-ABS(generalizability) OR TITLE-	
ABS(adaptability) OR TITLE-ABS(adaptation) OR TITLE-ABS(transferability) OR TITLE-	
ABS(portability) OR TITLE-ABS(adoption) OR TITLE-ABS(exchangeability) OR TITLE-ABS(Toolkit*)	
OR TITLE-ABS(Checklist*))	
(ALL=(Technology Assessment Biomedical) OR ALL=(health technology assessment) OR	955
ALL=(Cost-Benefit Analysis) OR ALL=(economic evaluation analysis) OR ALL=(cost-effectiveness	
Analysis) OR ALL=(cost-utility Analysis) OR ALL=(HTA))	
AND	
(TI=(applicability) OR TI=(generalisability) OR TI=(generalizability) OR TI=(adaptability) OR	
TI=(adaptation) OR TI=(transferability) OR TI=(portability) OR TI=(adoption) OR	
TI=(exchangeability) OR TI=(Toolkit*) OR TI=(Checklist*))	
((Technology Assessment Biomedical:ti,ab) OR (health technology assessment:ti,ab) OR (Cost-	626
Benefit Analysis:ti,ab) OR (economic evaluation analysis:ti,ab) OR (cost-effectiveness	
Analysis:ti,ab) OR (cost-utility Analysis:ti,ab) OR (HTA:ti,ab))	
AND	
((applicability:ti) OR (generalisability:ti) OR (generalizability:ti) OR (adaptability:ti) OR	
(adaptation:ti) OR (transferability:ti) OR (portability:ti) OR (adoption:ti) OR (exchangeability:ti)	
OR (Toolkit*:ti) OR (Checklist*:ti))	
((applicability):ti OR (generalisability):ti OR (generalizability):ti OR (adaptability):ti OR	271
(adaptation):ti OR (transferability):ti OR (portability):ti OR (adoption):ti OR (exchangeability):ti	
OR (Toolkit*):ti OR (Checklist*):ti)	
AND	
	OR TITLE-ABS(Cost-Benefit Analysis) OR TITLE-ABS(economic evaluation analysis) OR TITLE- ABS(cost-effectiveness Analysis) OR TITLE-ABS(cost-utility Analysis) OR TITLE-ABS(HTA)) AND (TITLE-ABS(applicability) OR TITLE-ABS(generalisability) OR TITLE-ABS(generalizability) OR TITLE- ABS(adaptability) OR TITLE-ABS(adaptation) OR TITLE-ABS(transferability) OR TITLE- ABS(portability) OR TITLE-ABS(adaptation) OR TITLE-ABS(exchangeability) OR TITLE- ABS(portability) OR TITLE-ABS(adaptation) OR TITLE-ABS(exchangeability) OR TITLE-ABS(Toolkit*) OR TITLE-ABS(Checklist*)) (ALL=(Technology Assessment Biomedical) OR ALL=(health technology assessment) OR ALL=(Cost-Benefit Analysis) OR ALL=(economic evaluation analysis) OR ALL=(cost-effectiveness Analysis) OR ALL=(cost-utility Analysis) OR ALL=(HTA)) AND (TI=(applicability) OR TI=(generalisability) OR TI=(generalizability) OR TI=(adaptability) OR TI=(adaptation) OR TI=(transferability) OR TI=(portability) OR TI=(adaptability) OR TI=(exchangeability) OR TI=(Toolkit*) OR TI=(Checklist*)) ((Technology Assessment Biomedical:ti,ab) OR (health technology assessment:ti,ab) OR (Cost- Benefit Analysis:ti,ab) OR (cost-utility Analysis:ti,ab) OR (HTA:ti,ab)) AND ((applicability:ti) OR (generalisability:ti) OR (generalizability:ti) OR (adaptability:ti) OR (adaptation:ti) OR (transferability:ti) OR (generalizability:ti) OR (adaptability:ti) OR (adaptation:ti) OR (checklist*:ti)) ((applicability):ti OR (generalisability:ti) OR (adaptability:ti) OR (adaptability:ti) OR (adaptation:ti) OR (transferability):ti OR (portability:ti) OR (adaptability):ti OR (adaptation):ti OR (transferability):ti OR (portability:ti) OR (adaptability):ti OR (adaptation):ti OR (transferability):ti OR (portability):ti OR (adaptability):ti OR (adaptation):ti OR (checklist*:ti))

Data bases	Search strategy	NO. of documents
	(Technology Assessment Biomedical):ti,ab OR (health technology assessment):ti,ab OR (Cost-	
	Benefit Analysis):ti,ab OR (economic evaluation analysis):ti,ab OR (cost-effectiveness	
	Analysis):ti,ab OR (cost-utility Analysis):ti,ab OR (HTA):ti,ab)	
epistemonikos	(title:((title:(Technology Assessment Biomedical) OR abstract:(Technology Assessment	746
	Biomedical)) OR (title:(health technology assessment) OR abstract:(health technology	
	assessment)) OR (title:(Cost-Benefit Analysis) OR abstract:(Cost-Benefit Analysis)) OR	
	(title:(economic evaluation analysis) OR abstract:(economic evaluation analysis)) OR (title:(cost-	
	effectiveness Analysis) OR abstract:(cost-effectiveness Analysis)) OR (title:(cost-utility Analysis)	
	OR abstract:(cost-utility Analysis)) OR (title:(HTA) OR abstract:(HTA)))	
	AND	
	((title:(applicability) OR abstract:(applicability)) OR (title:(generalisability) OR	
	abstract:(generalisability)) OR (title:(generalizability) OR abstract:(generalizability)) OR	
	(title:(adaptability) OR abstract:(adaptability)) OR (title:(adaptation) OR abstract:(adaptation))	
	OR (title:(transferability) OR abstract:(transferability)) OR (title:(portability) OR	
	abstract:(portability)) OR (title:(adoption) OR abstract:(adoption)) OR (title:(exchangeability) OR	
	abstract:(exchangeability)) OR (title:(Toolkit) OR abstract:(Toolkit)) OR (title:(Checklist*) OR	
	abstract:(Checklist*))))	
Total	10,375	
(-duplicates)	(-1,838)	
Final	8,537	

Data bases	Search strategy	NO. of documents
Health	(applicability) OR (generalisability) OR (generalizability) OR (adaptability) OR (adaptation) OR)	211
Economics	((transferability) OR (portability) OR (adoption) OR (exchangeability) OR (Toolkit) OR (Checklist)	
Evaluation		
Database		
(HEED)		
EconLit	(applicability) OR (generalisability) OR (generalizability) OR (adaptability) OR (adaptation) OR	198
	((transferability) OR (portability) OR (adoption) OR (exchangeability) OR (Toolkit) OR (Checklist)	
Economic	Abstract: (transferability) OR (generalisability) OR (generalizability)	989
Working	AND	
Paper	(Toolkit) OR (Checklist)	
NHS Economic	(applicability) OR (generalisability) OR (generalizability) OR (adaptability) OR (adaptation) OR	346
Evaluation	((transferability) OR (portability) OR (adoption) OR (exchangeability) OR (Toolkit) OR (Checklist)	
Database		
Total	1,744	
(-duplicates)	(-1,178)	
Final	566	

Search strategies in all related health economic databases