

## Appendix 6: Researcher-driven versus data-driven coding scheme

<i>Theme</i>	<i>Sub-theme</i>	<i>Researcher/ Data Driven</i>	<i>Theoretical frameworks where the researcher driven themes originated</i>
<b>Technical and material factors</b>			
<i>Data Related</i>	Data management	Data driven	—
	Privacy, security, and liability	Data driven	—
<i>Ease of Use</i>		Researcher driven	Perceived ease of Use (TAM)-Effort expectancy (UTAUT)-Complexity (CFIR-DOI)
<i>IT Capability and compatibility</i>	Interoperability and integration	Data driven	—
	Technical issues	Data driven	—
<i>Monetary factors</i>		Researcher driven	Cost (CFIR)-Affordability (APPEASE)
<i>Usefulness</i>	Efficacy and time saving	Researcher driven	Effectiveness (APPEASE)
	Evidence base	Researcher driven	Evidence (CFIR)
	Quality of care	Researcher driven	Output quality (TAM2)
	Usefulness	Researcher driven	Perceived usefulness (TAM)-Performance Expectancy (UTAUT)-Relative Advantage (CFIR-DOI)
<b>Social and individual factors</b>			
<i>Personal characteristics</i>	Attitude	Researcher driven	Attitude (TAM-TPB)
	Awareness	Data driven	—
	Experience and habits	Researcher driven	Self-Efficacy (CFIR)- Habit (TIB)
<i>Social and cultural factors</i>	Culture	Researcher driven	Culture (CFIR)
<b>Organizational and policy implications</b>			
<i>Inner setting</i>	Apps replacing traditional tools	Data driven	—
	Decision maker	Data driven	—
	Innovation and tension for change	Researcher driven	Tension for change (CFIR)
	Training and education	Data driven	—
	Trialability/piloting	Researcher driven	Trialability (CFIR)
<i>Workflow related</i>	Clinical practice and infrastructure	Researcher driven	Compatibility (CFIR-DOI)-Adaptability (CFIR)-Practicability (APPEASE)-Job Relevance (TAM2)
	Collaboration and transparency	Data driven	—
	Empowerment	Data driven	—
	Ease of work	Data driven	—

	Roles and responsibilities	Data driven	—
	Workflow fit and location flexibility	Data driven	—
	Workload and resources	Researcher driven	Resources (CFIR)
<i>Policy and regulations</i>	Regulations	Researcher driven	External Policies (CFIR)
	Reimbursement and funding	Data driven	—
<i>Patient related</i>	Accessibility and availability	Data driven	—
	Patient engagement and safety	Data driven	—
<i>User engagement</i>		Data driven	—