**Supplementary File 1.** List of theories, models, and frameworks (TMFs) included (n=66) and excluded (n=8) in the narrative review based on the Pinto et al. sample of 74 TMFs3

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| **TMF title (year)** |
| ***Network-explicit TMFs (n=24)*** |
| 1. Research Development and Dissemination Framework (1969)51
 |
| 1. Real-world Dissemination (1992)54
 |
| 1. Convergent Diffusion and Social Marketing Approach to Dissemination (1996)42,62
 |
| 1. Sticky Knowledge (1996)46,59
 |
| 1. Model for Locally-based Research Transfer Development (1999)37
 |
| 1. Research-to-Practice Framework (2000)58
 |
| 1. Framework for the Dissemination and Utilization of Research for Health Care Policy and Practice (2002)43,44
 |
| 1. Conceptualizing Dissemination Research and Activity: Canadian Heart Health Initiative (2003)45,55
 |
| 1. Diffusion of Innovations (2003)21
 |
| 1. Exposure, Experience, Expertise, Embedding (“4E”) Framework (2003)36,47
 |
| 1. Framework for Knowledge Translation (2003)52
 |
| 1. Conceptual Model for the Diffusion of Innovations in Service Organizations (2004)26
 |
| 1. Availability, Responsiveness & Continuity (ARC): An Organizational Community Intervention Model (2005)49
 |
| 1. Implementation Research Framework (2005)48
 |
| 1. Linking Systems (2005)56
 |
| 1. Pathways to Evidence-informed Policy and Practice (2005)38
 |
| 1. Replicating Effective Programs (2007)32
 |
| 1. Stages of Research Utilization Model (2007)40
 |
| 1. Framework of Dissemination in Health Services Intervention Research (2008)53
 |
| 1. Consolidated Framework for Implementation Research (2009)29,39
 |
| 1. Blueprint for Dissemination (2010)35
 |
| 1. Exploration, Preparation, Implementation, Sustainment (EPIS) Framework (2011)23,24
 |
| 1. Approach/Engagement, Implementation, Monitoring, Sustainability (AIMS) Model (2014)57
 |
| 1. Community-based Learning Collaborative Model (2016)50,60
 |
| ***TMFs that are not network-explicit (n=42)***  |
| 1. RAND Model of Persuasive Communication and Diffusion of Medical Innovation (1985)78
 |
| 1. Model for Improving the Dissemination of Nursing Research (1989)79
 |
| 1. Conceptual Model of Knowledge Utilization (1993)80
 |
| 1. Awareness-to-Adherence Model (1996)81–83
 |
| 1. Health Promotion Technology Transfer (1996)84
 |
| 1. Ottawa Model of Research Use (OMRU) (1998)85,86
 |
| 1. Outpatient Treatment in Ontario Services (OPTIONS) Model (1998)87
 |
| 1. Promoting Action on Research Implementation in Health Services (PARIHS) (1998)88–90
 |
| 1. RE-AIM (1999)91
 |
| 1. Technology Transfer Model (2000)92
 |
| 1. Effective Dissemination Strategies (2002)93
 |
| 1. Designing and Evaluating Interventions to Eliminate Racial and Ethnic Disparities in Health Care (2002)94
 |
| 1. Research Knowledge Infrastructure (2003)95–98
 |
| 1. Framework for Translating Evidence into Action (2005)99
 |
| 1. Explaining Behavior Change in Evidence-based Practice (2005)100
 |
| 1. Advancing Health Disparities Research within the Health Care System (2006)101
 |
| 1. Policy Framework for Diffusion of Evidence Based Physical Activity Interventions (2006)102
 |
| 1. Push-Pull Capacity Model (2006)103
 |
| 1. Six-Step Framework for International Physical Activity Dissemination (2006)104
 |
| 1. Framework for Analyzing the Diffusion of Complex Innovations in Health Systems (2007)34,105
 |
| 1. Policy Ecology of Implementation Framework (2008)33
 |
| 1. Interactive Systems Framework (ISF) (2008)25
 |
| 1. Caledonian Development Model (2008)106
 |
| 1. Pronovost's 4E Process Theory (2008)107
 |
| 1. Translational Research Framework to Address Health Disparities (2008)108
 |
| 1. Knowledge Transfer Framework (2009)109–111
 |
| 1. Normalisation Process Theory (2009)112
 |
| 1. Utilization-Focused Surveillance Framework (2009)113
 |
| 1. Conceptual Model of Implementation Research (2009)114
 |
| 1. Translational Framework for Public Health Research (2009)115
 |
| 1. Interacting Elements of Integrating Science, Policy, And Practice (2011)116
 |
| 1. Behavior Change Wheel (2011)31
 |
| 1. Health Promotion Research Center Framework (2012)117
 |
| 1. Dissemination of Evidence-Based Interventions to Prevent Obesity (2012)118
 |
| 1. Marketing and Distribution System for Public Health (2012)119
 |
| 1. Framework for Dissemination of Evidence-based Policy (2012)120
 |
| 1. Evidence Integration Triangle (EIT) Model (2012)121
 |
| 1. Dynamic Sustainability Framework (2013)27
 |
| 1. Framework for Enhancing the Value of Research for Dissemination and Implementation (2015)122
 |
| 1. Health Equity Implementation Framework (2019)30
 |
| 1. Obesity Prevention and Evaluation of InterVention Effectiveness in NaTive North Americans (OPREVENT) (2019)123
 |
| 1. Lay Health Workers Enhancing Engagement for Parents (LEEP) (2019)124
 |
| ***TMFs excluded from Pinto et al. list (n=8) and reasons for exclusion*** |
| 1. Streams of Policy Process (1984);125,126 out of scope
 |
| 1. Community-based Participatory Research (CBPR) (1998);127 out of scope (not a D&I TMF)
 |
| 1. Intervention Mapping (1998);128 out of scope (focused on intervention development)
 |
| 1. PRECEDE-PROCEED model (2005);82 out of scope
 |
| 1. Framework for Spread (2005);129,130 out of scope
 |
| 1. Facilitating Adoption of Best Practices (FAB) Model (2008);131 full text not available
 |
| 1. Interactive Knowledge to Action Framework (2016);132 not available in English
 |
| 1. Community-based Learning Collaborative Model (2016);60 duplicate (merged with 50)
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*Abbreviations*. TMFs: theories, models, and frameworks.