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Supplementary Material

Article Title: Tools to Detect Risk of Death by Suicide: A Systematic Review and Meta-Analysis

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1. [Table 1](#) Quality assessment of included studies

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Supplementary Table 1: Quality assessment of included studies^a

	Attrition	Risk of Bias				Applicability Concerns		
Author/Year	%	Selection	Index Test	Reference Std	Flow/Timing	Selection	Index Test	Reference Std
<i>Randomized Controlled Studies</i>								
Ducher'06 ⁴⁸	0%	+	−	−	+	+	+	+
<i>Cohort Studies</i>								
Beck'99 ⁴⁵	0%	+	+	+	+	+	+	+
Buglass'70 ³⁴	0% ^b	+	−	+	+	+	+	+
Buglass'74 ²⁹	0% ^b	+	−	+	+	+	+	+
Clark '87 ⁴⁹	4%	+	−	−	+	+	+	+
Cooper'06 ⁵⁰	0%	+	−	+	+	+	+	+
Harris'05 ⁵¹⁻⁵²	8.5%	−	−	+	+	+	+	+
Katz'17 ³⁵	4%	+	−	+	+	+	+	+
Kuerz'88 ³²	18%	+	−	X	X	+	+	+
Lindh'19 ²⁶	0%	+	−	+	+	+	+	+
Lopez-Morinigo'18 ⁵⁵	0%	X	−	+	+	+	+	+
Motto'85 ³⁶⁻³⁸	0%	+	+	+	+	+	+	+
Naud'10 ⁵⁶	2%	+	+	+	+	+	+	+
Nimeus'00 ⁵⁷	0% ^c	X	−	+	+	+	+	+
Nimeus'02 ⁵⁹	18% ^d	+	−	+	−	+	+	+
Pallis'84 ³³	0%	−	−	+	+	+	+	+

Randall'19 ²⁷	0%	+	+	+	+	+	+	+
Samuelsson'06 ⁶¹	0%	+	+	+	+	+	+	+
Simpson'21 ³⁹	0% ^b	+	-	+	+	+	+	+
Steeg'12 ²⁸	0%	+	-	+	+	+	+	+
Steeg'18 ⁶²	<1%	+	-	+	+	+	+	+
Stefansson'12 ⁶³	0%	+	-	+	+	+	+	+
Wang'85 ⁴²	0%	-	-	-	+	+	+	+
Case-Control Studies								
Braucht'70 ⁴⁰	N/A	-	-	-	+	+	+	+
Dahle'05 ⁶⁶	N/A	+	-	-	+	+	+	+
Dean'67 ⁴¹	N/A	-	-	-	+	+	+	+
Farberow'74 ⁶⁷	N/A	+	+	-	+	+	+	+
Frottier'08 ³⁰	N/A	-	-	-	+	+	+	+
Frottier'09 ³¹	N/A	+	-	-	+	+	+	+
Van de Loo'70 ¹⁹	N/A	-	-	-	+	+	+	+

N/A= Not applicable because case-control design; Std = Standard

Judgement:  High  Some concerns  Low

^a Quality assessment is based on the QUADAS-2

^b Authors highlighted a theoretical risk that people could have died outside of the catchment area and these deaths would not have been identified by the study.

^c The study was designed as prospective analysis, although the control population was selected using case-control methodology.

^d The authors report that data on suicide outcomes and test results were only available for a subset of the original population.