

Supplementary Table S1 - Quality appraisal of the publications included in systematic review based on the NOS adapted for cross-sectional studies

Author (country)	Study design	Selection		Outcome		Additional		Total
		Representativeness of the sample	Sample size	Ascertainment of the exposure (risk factor)	Assessment of the outcome	Statistical test	Confounders	
Waleed Fawzi ¹⁵ (Egypt)	Cross sectional	*		*	*	*	*	5/9
Moon-Soo ²⁴ (Korea)	Longitudinal	*		**	***	*	*	8/9
Chung-Hsuen ¹⁸ (EUA)	Longitudinal	*		*	**	*	*	6/9
Baeza-Velasco ¹⁷ (France)	Cross sectional	*		**	*	*	*	6/9
Bosworth ¹³ (EUA)	Longitudinal	*		**	*	*	*	6/9
Serrano ¹⁶ (Spain)	Longitudinal	*		**	*	*		5/9
Roberson ²³ (EUA)	Longitudinal	*		*	**	*	*	6/9
Rossom ²⁰ (EUA)	Cross sectional	*		*	**	*	*	6/9
Keyloun ¹⁹ (EUA)	Longitudinal	*		*	**	*	*	6/9
Freccero ²¹ (Sweden)	Cross sectional	*		*	**	*		5/9
Lu ¹⁴ (China)	Cross sectional	*		*	*	*	*	5/9

Newcastle-Ottawa Scale (NOS) total score = 9 points. No star = 0 point; * = 1 point, ** = 2 points.

Supplementary Table S2 - Search strategies for each database

Database – Search terms				
	PubMed	PsycINFO	CINAHL	Embase
#1: (Patient/Problem)	(depression[mh] or depression[tiab] or antidepressant[mh] or antidepressant[tiab] or antidepressive[mh] or antidepressive[tiab])	“depression or “antidepressant” or “antidepressive”	“depression or “antidepressant” or “antidepressive”	“depression or “antidepressant” or “antidepressive”
#2: (Outcome)	(adherence[mh] or adherence[tiab] or non-adherence[mh] or non-adherence[tiab] or dropout[mh] or dropout[tiab] or treatment refusal[mh] or treatment refusal[tiab] or compliance[mh] or compliance[tiab] or discontinuation[mh] or discontinuation[tiab] or persistence[mh] or persistence[tiab])	“adherence” or “non-adherence” or “dropout” or “treatment refusal” or “compliance” or “discontinuation” or “persistence” or “compliance	“adherence” or “non-adherence” or “dropout” or “treatment refusal” or “compliance” or “discontinuation” or “persistence” or “compliance	“adherence” or “non-adherence” or “dropout” or “treatment refusal” or “compliance” or “discontinuation” or “persistence” or “compliance

Filter: until March 2023. CINAHL = Cumulative Index to Nursing and Allied Health Literature.