



Table S1. MEDLINE Search – Updated November 2020.

1	((economic* or financial or banking or system) adj2 crisis).ab,ti.
2	(recession or austerity).ab,ti.
3	exp Economic Recession/
4	1 or 2 or 3
5	(health* or health?care).ab,ti.
6	(public adj2 care).ab,ti.
7	exp Public Policy/
8	unmet needs.ab,ti.
9	(mortality or death* or suicide* or depression).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]
10	(tobacco or smoking or cigarette* or alcohol or risk behavio* or exercise or physical activit* or healthy eating or healthy diet).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]
11	Substance-Related Disorders/
12	((substance* or drug*) adj2 (abus* or addict* or depend* or misus* or use* or disorder* or consumption or overuse)).ab,ti.
13	(Prescription adj3 (diversion or misuse)).ab,ti.
14	5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13
15	4 and 14
16	(european or europe or Mediterranean or OECD or cross-country or cross-national or spain or italy or Portugal or Greece).tw.
17	(Spain or Italy or Portugal or Greece).sh.
18	16 or 17
19	15 and 18
20	limit 19 to yr="2008 -2020"

Table S2. Risk of bias assessment for all the selected studies.

Study	Selection	Comparability	Outcome	Total score
Aguilar-Palacio 2015	***	*	**	6
Alves 2019	****	**	**	7
Arroyo 2018	***	**	*	6
Bartoll 2015	***	**	**	7
Blázquez-Fernández 2019	**	**	**	6
Bonaccio 2014	***	**	**	7
Bosque 2017	***	**	**	7
Colell 2015	**	*	***	6
Díaz-Mendez 2019	**	**	**	6
Gaspar de Matos 2015	**		*	3
Filippidis 2014	**	**	**	6
Filippidis 2017	**	**	**	6
García- Mayor 2020	***	**	**	7

Madianos 2014	***	*	**	6
Marquez-Calderon 2014	**	-	*	3
MartinBassols 2016	***	*	**	6
Mattei 2017	**		**	4
Moreno-Lostao 2019	***	*	**	6
Perez -Romero 2016	**	*	**	5
Petrelli 2016	**	*	**	5
Rajmil 2013	**	*	**	5
Rathmann 2017	**	.	**	4
Regidor 2019	**	-	**	4
Sanidas 2018	*	-	*	2
Sarti 2018	**	-	*	3
Silva 2020	**	*	**	5
Spijker 2018	***	-	**	5
Trujillo-Alemán 2019	***	*	**	6
Venetsanou 2020	**	-	*	3
Zozaya 2020	***	**	**	7
Zapata Moya 2020	**	**	**	6