

Table SIII. Tool to assess risk of biases in case control studies.

First author, year	Questions					Bias	(Refs.)
	i	ii	iii	iv	v		
Afshar <i>et al</i> , 2018	DN	DY	PY	DY	PN	Moderate	(74)
Ahangar-Oskouee <i>et al</i> , 2014	DN	DY	PY	DY	DN	Moderate	(75)
Alinezhadi <i>et al</i> , 2022	DN	DY	DY	DY	DN	Moderate	(7)
Antonsson <i>et al</i> , 2011	DN	DY	DY	DY	DN	Moderate	(76)
Bakhtiyarizadeh <i>et al</i> , 2017	DN	DN	DY	DY	DN	Serious	(77)
Cavalcante <i>et al</i> , 2018	DN	DY	DY	DY	DN	Moderate	(78)
Chang <i>et al</i> , 2012	DN	DY	DY	DY	PY	Low	(79)
Damin <i>et al</i> , 2004	PY	DY	DY	DY	DN	Low	(80)
de León <i>et al</i> , 2009	DN	DY	DY	DY	DN	Moderate	(81)
Delgado-García <i>et al</i> , 2017	DY	DY	DY	DY	PN	Low	(21)
Doosti <i>et al</i> , 2016	DN	DY	DY	PY	DN	Moderate	(82)
ElAmrani <i>et al</i> , 2018	DN	DY	DY	DY	PY	Low	(83)
Fu <i>et al</i> , 2015	DN	DY	DY	DY	PN	Moderate	(84)
Gannon <i>et al</i> , 2015	DN	DY	DY	DY	DN	Moderate	(85)
Li <i>et al</i> , 2015	DN	DY	DY	DY	DN	Moderate	(86)
Maldonado-Rodríguez <i>et al</i> , 2022	DN	DY	DY	DY	DN	Moderate	(3)
Mendizabal-Ruiz <i>et al</i> , 2009	DN	DY	DY	PY	DN	Moderate	(87)
Mou <i>et al</i> , 2011	PY	DY	DY	DY	PN	Low	(18)
Salman <i>et al</i> , 2017	DN	DY	DY	DY	DN	Low	(88)
Sigaroodi <i>et al</i> , 2012	DN	DY	DY	DY	PY	Low	(89)
Tawfeik <i>et al</i> , 2020	DN	DY	DY	DY	DN	Moderate	(90)

Vernet-Tomas <i>et al</i> , 2015	DN	DY	DY	DY	DN	Moderate	(91)
Wang <i>et al</i> , 2014	DN	DY	DY	DY	PN	Moderate	(92)

Questions: i) Can we be confident in the assessment of exposure?; ii) Can we be confident that cases had developed the outcome of interest and controls had not?; iii) Were the cases (those who were exposed and developed the outcome of interest) properly selected?; iv) Were the controls (those who were exposed and did not develop the outcome of interest) properly selected?; and v) Were cases and controls matched according to important prognostic variables or was statistical adjustment carried out for those variables? DY, definitely yes; PY, probably yes; PN, probably no; DN, definitely no.