ONLINE-ONLY SUPPLEMENTARY MATERIAL

Appendix A1 Search terms for PubMed/MEDLINE electronic database

((auto aggress) OR (autoaggress*) OR (cutt*) OR (auto destruct*) OR (autodestruct*) OR (self destruct*) OR (selfdestruct*) OR (hurt*) (auto immolat*) OR (autoimmolat*) OR (self immolat*) OR (selfimmolat*) (auto inflict*) OR (autoinflict*) OR (self inflict*) OR (selfinflict*) OR (auto injur*) OR (autoinjur*) OR (self injur*) OR (selfinjur*) OR (auto harm*) OR (autoharm*) OR (self harm*) OR (selfharm*) OR (head bang*) OR (headbang*) OR (self lacerat*) OR (selflacerat*) OR (auto mutilat*) OR (automutilat*) OR (self mutilat*) OR (selfmutilat*) OR (overdos*) OR (over dos*) OR (parasuicid*) OR (para suicid*) OR (poison*) OR (suicid*)) AND ((infant*) OR (toddler*) OR (juvenil*) OR ((child OR children)) OR (adolesc*) OR ((boy OR boys)) OR ((girl OR girls)) OR (teen*) OR (youth*) OR (pubescen*) OR (student*) OR (school) OR (young) OR (pediatric) OR (paediatric) OR (minor*)) AND (brazil*)*

Table S1 Classification of included studies according to corresponding author's state, source population region, nationality, sample, design, type of document and suicide method

Ref. no.	First author (year)	Citations received (12/31/2017)	2017 impact factor	Corresponding author's state[a]	Source population region[b]	0-19 sample (n)[c]	Design[d]	Type of document[e]	Suicide method[f]
1	Abasse, ML (2009)	8	0.757	MG	SE	NA	4	original article	multiple
2	Abuabara, A (2017)	1	0.757	SC	BR	NA	4	original article	multiple
3	Albuquerque, PC (2015)	0	0.629	PE	NE	239	1	original article	X70
4	Alves, MAG (2015)	3	1.015	MG	NE	NA	5	original article	multiple
5	Alves, MM (2013)	79	1.911	PE	NE	2,059	4	original article	multiple
6	Alves, VM (2014)	5	1.911	AL	NE	NA	4	original article	multiple
7	Alves, VM (2017)	4	0.971	AL	NE	3,195	1	original article	multiple
8	Andrade-Barbosa, TL (2013)	18	4.098	MG	SE	126	4	original article	multiple
9	Anteghini, M (2001)	4	0.971	NB	SE	1,17	1	original article	multiple
10	Assis, SG (2014)	15	2.093	RJ	BR	NA	1	original article	multiple
11	Azuero, AJ (2017)	18	2.093	NB	NA	NA	NA	review	multiple
12	Baggio, L (2009)	17	2.899	RS	S	469	1	original article	multiple
13	Bando, DH (2012)	7	1.911	SP	SE	NA	4	original article	multiple
14	Bando, DH (2012)	19	1.911	SP	SE	NA	4	original article	multiple
15	Bando, DH (2017)	NA	NA	MG	SE	NA	4	original article	multiple
16	Barbosa, LP (2014)	13	0.736	RS	S	24	1	original article	multiple
17	Barbosa, V (1966)	7	2.419	SP	SE	NA	4	original article	multiple
18	Barbosa, V (1974)	3	2.093	SP	SE	NA	4	original article	multiple
19	Barros, MD (2001)	4	1.911	PE	NE	1,17	4	original article	multiple
20	Benute, GR (2011)	1	1.690	SP	SE	NA	1	original article	multiple
21	Bertolote, JM (2012)	12	0.971	SP	NA	NA	NA	other	multiple
22	Bezerra Filho, JG (2012)	13	0.757	CE	SE	NA	4	original article	multiple
23	Bittencourt, AA (2009)	55	2.093	RS	S	54	1	original article	multiple
24	Blank, D (2005)	14	0.971	RS	SE	NA	NA	other	multiple
25	Bochner, R (2006)	18	0.971	RJ	BR	NA	4	original article	X70
26	Bochner, R (2007)	11	4.381	RJ	BR	NA	4	original article	X70
27	Botega, NJ (2005)	1	NA	SP	SE	NA	1	original article	multiple
28	Botega, NJ (2009)	11	4.381	SP	SE	NA	1	original article	multiple
29	Brzozowski, FS (2010)	47	1.911	SC	BR	1,675	4	original article	multiple
30	Bucaretchi, F (2012)	14	1.132	SP	SE	1,655	5	original article	X70
31	Bucher, RE (1978)	13	0.971	DF	MW	4,201	4	original article	multiple
32	Caldas, ED (2008)	4	NA	DF	MW	NA	4	original article	X70
33	Cardoso, MP (2006)	7	2.565	SP	S	37	4	original article	multiple
34	Carlini-Cotrim, B (2000)	2	1.911	SP	SE	699	1	original article	multiple
35	Carlini-Marlatt, B (2003)	2	1.911	NB	SE	61	1	original article	multiple

Table S1 (Continued)

Ref. no.	First author (year)	Citations received (12/31/2017)	2017 impact factor	Corresponding author's state[a]	Source population region[b]	0-19 sample (n)[c]	Design[d]	Type of document[e]	Suicide method[f]
36	Carvalho, PD (2011)	7	2.093	PE	NE	NA	4	original article	multiple
37	Cassorla, RM (1979)	13	2.918	SP	NA	828	4	review	multiple
38	Cassorla, RM (1984)	4	12.888	SP	SE	NA	4	original article	multiple
39	Castro e Couto, T (2016)	8	2.360	MG	SE	NA	5	original article	multiple
40	Castro ML (2011)	3	NA	MT	MW	1,817	4	original article	multiple
41	Ceccon, RF (2014)	3	0.757	RS	S	NA	1	original article	multiple
42	Chachamovich, E (2009)	2	NA	NB	NA	NA	1	review	multiple
43	Coelho, FM (2014)	168	3.007	RS	S	147	1	original article	multiple
44	Coloma, C (2006)	3	0.971	NB	N	NA	NA	original article	multiple
45	Coloma, C (2007)	5	NA	NB	MW	888	NA	other	multiple
46	Costa, AB (2017)	3	0.971	RS	BR	NA	1	original article	multiple
47	Delziovo, CR (2017)	12	0.971	SC	S	NA	4	original article	multiple
48	Devries, K (2011)	2	0.971	NB	BR	NA	1	original article	multiple
49	Erthal, RM (2001)	41	4.848	AM	N	2	4	original article	multiple
50	Etcheverry, GB (2014)	33	0.736	PR	S	120	4	original article	multiple
51	Faria, NM (2006)	25	3.553	RS	S	220	4	original article	multiple
52	Feijo, RB (1997)	9	2.093	RS	S	58	1	original article	multiple
53	Ferreira, ME (2011)	18	0.784	RS	MW	1,181	4	original article	multiple
54	Fook, SM (2013)	1	2.093	PB	NE	2,867	1	original article	X70
55	Freire, C (2013)	4	0.850	RJ	SE	NA	NA	review	X70
56	Freitas, GV (2002)	3	NA	SP	SE	NA	4	original article	multiple
57	Freitas, GV (2008)	7	1.911	SP	SE	NA	4	original article	multiple
58	Fu, IL (2008)	NA	1.911	SP	SE	NA	1	original article	multiple
59	Gaspar, VL (2004)	19	2.565	MG	SE	168	1	original article	X70
60	Gawryszewski, VP (2008)	0	2.093	SP	BR	NA	1	original article	multiple
61	Golfeto, JH (2004)	4	1.911	SP	SE	NA	4	other	multiple
62	Gomes, FA (2009)	11	1.911	SP	SE	NA	5	original article	multiple
63	Gonçalves, RE (2018)	41	1.911	SP	SE	NA	4	original article	multiple
64	Gonsaga, RA (2017)	21	1.015	SP	SE	NA	NA	original article	multiple
65	Gonzalez-Perez, GJ (2017)	127	10.769	NB	BR	NA	4	original article	multiple
66	Haddad, N (2000)	6	3.495	SP	SE	214	1	original article	multiple
67	Hesketh, JL (1978)	30	2.093	DF	MW	NA	1	original article	multiple
68	Huang, H (2012)	6	0.743	NB	BR	30	1	original article	multiple
69	Ianni, HF (2015)	3	2.093	MG	SE	NA	1	original article	multiple
70	Jorge, MH (1981)	15	2.134	SP	SE	NA	4	original article	multiple

Table S1 (Continued)

Ref. no.	First author (year)	Citations received (12/31/2017)	2017 impact factor	Corresponding author's state[a]	Source population region[b]	0-19 sample (n)[c]	Design[d]	Type of document[e]	Suicide method[f]
71	Jorge, MH (1982)	4	0.971	SP	SE	NA	4	original article	multiple
72	Jorge, MH (1997)	29	1.911	SP	BR	NA	4	original article	multiple
73	Koizumi, MS (2000)	6	0.784	SP	SE	NA	4	original article	multiple
74	Kyu, HH (2016)	2	2.420	NB	BR	NA	NA	review	multiple
75	Leao, SC (2015)	23	0.757	SP	NE	1,335	1	original article	X70
76	Lopes, MC (2016)	14	1.911	SP	SE	NA	1	original article	multiple
77	Lovisi, GM (2009)	55	2.093	RJ	BR	NA	4	original article	multiple
78	Luis, MA (1998)	43	1.911	SP	SE	NA	1	original article	multiple
79	Macente, LB (2012)	12	0.971	ES	SE	NA	4	original article	multiple
80	Machado, DB (2017)	NA	1.015	NB	BR	NA	4	original article	multiple
81	Maia, APF (2007)	11	1.690	SP	SE	696	NA	original article	multiple
82	Malta, DC (2017)	5	0.757	MG	BR	NA	4	original article	multiple
83	Marchesan, WG (1997)	3	0.971	SP	SE	NA	1	original article	X78
84	Margonato, FB (2009)	9	0.757	PR	S	NA	4	original article	X70
85	Marin-Leon, L (2003)	5	0.757	SP	SE	350	4	original article	multiple
86	Marin-Leon, L (2012)	2	0.825	SP	BR	63	4	original article	multiple
87	Martins Junior, DF (2016)	2	NA	BA	BR	NA	4	original article	multiple
88	Mascarenhas, MD (2009)	5	NA	DF	BR	NA	4	original article	multiple
89	Matos, SG (2007)	0	2.093	MG	SE	888	4	original article	multiple
90	Mello-Santos, C (2005)	9	NA	SP	BR	NA	4	original article	multiple
91	Meneghel, SN (2004)	1	NA	RS	S	NA	4	original article	multiple
92	Minayo, MC (2006)	14	3.786	RJ	SE	828	4	original article	multiple
93	Miranda, PS (1989)	10	0.971	MG	SE	NA	4	original article	multiple
94	Moreira CS (2010)	3	0.757	MG	SE	NA	1	original article	X70
95	Morgado, AF (1991)	12	3.786	RJ	MW	48	NA	other	X84
96	Mota, DM (2012)	24	4.098	DF	BR	NA	4	original article	X70
97	Neves, PD (2013)	NA	NA	MG	S	NA	4	original article	X70
98	Oliveira, EN (2014)	10	0.757	CE	NE	NA	1	original article	multiple
99	Oliveira, FF (2014)	4	NA	MT	MW	657	4	original article	X70
100	Oliveira, ML (2009)	8	3.786	PR	S	8	4	original article	X70
101	Orellana, JD (2013)	13	2.918	AM	N	NA	4	original article	multiple
102	Palma, SM (2011)	4	NA	SP	BR	NA	NA	other	multiple
103	Parente ACM (2007)	7	0.971	PI	NE	NA	4	original article	multiple
104	Pasquali, L (1981)	23	0.971	DF	MW	NA	6	original article	multiple
105	Pinheiro, RT (2012)	5	2.093	RS	S	NA	1	original article	multiple

Table S1 (Continued)

Ref. no.	First author (year)	Citations received (12/31/2017)	2017 impact factor	Corresponding author's state[a]	Source population region[b]	0-19 sample (n)[c]	Design[d]	Type of document[e]	Suicide method[f]
106	Pires, DX (2005)	2	0.757	MS	MW	NA	4	original article	X70
107	Polanczyk, GV (2017)	0	0.736	SP	BR	NA	4	other	multiple
108	Pordeus, AM (2009)	2	NA	CE	NE	NA	4	original article	multiple
109	Quevedo, L (2011)	10	1.219	RS	S	2,196	1	original article	multiple
110	Quinlan-Davidson, M (2014)	2	1.911	NB	BR	NA	4	original article	multiple
111	Ramos, R (1966)	27	0.971	SP	NE	NA	4	original article	multiple
112	Rebelo, FM (2011)	12	2.093	DF	MW	1,039	4	original article	X70
113	Ribeiro, AP (2017)	11	2.093	RJ	BR	NA	4	original article	multiple
114	Rodrigues Mendonca, D (2016)	18	2.093	BA	NE	NA	4	original article	X70
115	Rodrigues, NC (2005)	30	5.067	RJ	SE	NA	4	original article	multiple
116	Santos, SA (2009)	13	2.600	RJ	SE	NA	1	original article	multiple
117	Santos, SA (2013)	14	1.015	RJ	SE	NA	4	original article	X70
118	Santos, SM (2001)	24	2.093	RS	S	181	4	original article	multiple
119	Scivoletto, S (2010)	NA	0.971	SP	NA	251	NA	review	NA
120	Sena-Ferreira, N (2014)	1	0.712	DF	N	NA	4	original article	multiple
121	Silber, TJ (1984)	1	1.066	NB	BR	259	NA	review	multiple
122	Silva, RJ (2014)	NA	NA	SE	NE	NA	1	original article	multiple
123	Silveira, MH (1976)	1	1.133	SP	SE	1,379	4	original article	multiple
124	Simioni, AR (2017)	1	NA	RS	BR	NA	1	original article	multiple
125	Souza, ER (2002)	13	0.971	RJ	BR	NA	4	original article	multiple
126	Souza, LD (2010)	2	0.971	RS	S	NA	1	original article	multiple
127	Souza, ML (2012)	30	0.757	AM	N	1,17	4	original article	multiple
128	Stefanello, S (2008)	10	2.093	SP	SE	NA	1	original article	multiple
129	Stefanello, S (2010)	15	0.971	SP	SE	NA	2	original article	multiple
130	Stefanello, S (2010)(2)	9	1.103	SP	SE	NA	1	original article	multiple
131	Stefanello, S (2011)	19	NA	SP	SE	NA	1	original article	multiple
132	Tabb, KM (2017)	21	0.971	NB	SE	NA	1	original article	multiple
133	Tavares, D (2012)	0	1.063	RS	S	NA	1	original article	multiple
134	Teixeira, AM (1997)	1	2.093	SP	SE	642	1	original article	multiple
135	Teixeira, AM (1997)	0	NA	SP	SE	NA	1	original article	multiple
136	Tonezer, J (2015)	5	2.093	RS	S	NA	1	original article	multiple
137	Veras, JL (2011)	0	2.089	PE	NE	9,919	1	original article	X70
138	Veras, JL (2016)	0	0.971	PE	NE	913	1	original article	multiple
139	Verissimo, MI (2014)	1	1.103	CE	NE	258	1	original article	multiple
140	Vidal, CE (2013)	1	0.757	MG	SE	NA	1	original article	multiple

Table S1 (Continued)

Ref. no.	First author (year)	Citations received (12/31/2017)	2017 impact factor	Corresponding author's state[a]	Source population region[b]	0-19 sample (n)[c]	Design[d]	Type of document[e]	Suicide method[f]
141	Vieira, LJ (2009)	0	2.821	CE	NE	NA	8	original article	multiple
142	Vieira, PC (2008)	4	NA	RS	S	NA	1	original article	multiple
143	Werlang, BG (2003)	0	0.736	RS	S	NA	7	original article	multiple
144	Werneck, GL (2006)	1	0.757	RJ	SE	2	1	original article	multiple
145	Yunes, J (1993)	1	2.093	NB	BR	1,333	4	original article	multiple
146	Zerbini, T (2012)	3	2.097	SP	SE	147	1	original article	X71

[a] Corresponding author's state classification: AC = Acre; AL: Alagoas; AP = Amapá; AM = Amazonas; BA = Bahia; CE = Ceará; DF = Distrito Federal; ES = Espírito Santo; GO = Goiás; MA = Maranhão; MT = Mato Grosso; MS = Mato Grosso do Sul; MG = Minas Gerais; PA = Pará; PB = Paraíba; PR = Paraná; PE = Pernambuco; PI = Piauí; RJ = Rio de Janeiro; RN = Rio Grande do Norte; RS = Rio Grande do Sul; RO =Rondônia; RR = Roraima; SC =Santa Catarina; SP = São Paulo; SE = Sergipe; TO = Tocantins; NB = Author not based in Brazil

[b] Source population region classification: BR = data from two or more Brazilian regions; S = South; SE = Southeast; MW = Midwest; NE = Northeast; N = Northern; NA = Not available/not applicable

[c] 0-19 years old samples from studies using primary data

[d] Studies' design classification: 1 = cross-sectional; 2 = case-control; 3 = cohort; 4 = ecologic; 5 = case series; 6 = case report; 7 = psychological autopsy; 8 = medical records analysis; 9 = undefined

[e] Type of document classification: other = letter/commentaries/editorial

[f] Suicide method according ICD-10 classification: X60-X69 = Intentional self-poisoning; X70 = Intentional self-harm by hanging, strangulation and suffocation; X71 = Intentional self-harm by drowning and submersion; X72-X74 = Intentional self-harm by firearms and explosive material; X75-X77 = Intentional self-harm by smoke, fire and flames or steam, hot vapours and hot objects; X78 = Intentional self-harm by sharp object; X79 = Intentional self-harm by blunt object; X80 = Intentional self-harm by jumping from a high place; X81 = Intentional self-harm by jumping or lying before moving object; X82 = Intentional self-harm by crashing of motor vehicle; X83 = Intentional self-harm by other specified means; X84 = Intentional self-harm by unspecified means; multiple = self-harm not specified or due to two or more methods

Table S2 Classification of included studies according to suicide *spectrum* phenomena, special population and age group [a]

Ref. no.	First author (year)	Suicide *spectrum* phenomena						Special population				Age group		
		Ideation	Plan	Attempt	Risk	Death	Self-injury	Indigenous	Females	Pregnancy	Substance use disorder	Children	Adolescents	Adults
1	Abasse, ML (2009)	0	0	0	0	1	0	0	0	0	0	0	1	0
2	Abuabara, A (2017)	0	0	0	0	1	0	0	0	0	0	1	1	1
3	Albuquerque, PC (2015)	0	0	0	0	1	0	0	0	0	0	1	1	1
4	Alves, MAG (2015)	0	0	1	0	1	0	0	0	0	0	1	1	0
5	Alves, MM (2013)	0	0	0	0	1	0	0	1	1	0	0	1	1
6	Alves, VM (2014)	0	0	1	0	1	0	0	0	0	0	0	1	1
7	Alves, VM (2017)	0	0	1	0	1	0	0	0	0	0	1	1	1
8	Andrade-Barbosa, TL (2013)	0	0	0	0	1	0	0	0	0	0	1	1	1
9	Anteghini, M (2001)	1	0	1	0	0	0	0	0	0	0	0	1	0
10	Assis, SG (2014)	1	0	0	0	0	0	0	0	0	0	0	1	0
11	Azuero, AJ (2017)	2	2	2	2	2	2	1	0	0	0	1	1	1
12	Baggio, L (2009)	0	1	0	0	0	0	0	0	0	0	0	1	0
13	Bando, DH (2012)	0	0	0	0	1	0	0	0	0	0	0	1	1
14	Bando, DH (2012)	0	0	0	0	1	0	0	0	0	0	1	1	1
15	Bando, DH (2017)	0	0	1	0	1	0	0	0	0	0	1	1	1
16	Barbosa, LP (2014)	0	0	1	1	0	0	0	0	0	0	0	1	1
17	Barbosa, V (1966)	0	0	0	0	1	0	0	0	0	0	0	1	1
18	Barbosa, V (1974)	0	0	0	0	1	0	0	0	0	0	1	1	1
19	Barros, MD (2001)	0	0	0	0	1	0	0	0	0	0	1	1	0
20	Benute, GR (2011)	0	0	0	1	0	0	0	1	1	0	0	1	1
21	Bertolote, JM (2012)	2	2	2	2	2	2	2	2	2	2	2	2	2
22	Bezerra Filho, JG (2012)	0	0	0	0	1	0	0	0	0	0	0	1	1
23	Bittencourt, AA (2009)	1	0	0	0	0	0	0	0	0	0	0	1	0
24	Blank, D (2005)	2	2	2	2	2	2	2	2	2	2	1	1	0
25	Bochner, R (2006)	0	0	0	0	1	0	0	0	0	0	0	1	0
26	Bochner, R (2007)	0	0	0	0	1	0	0	0	0	0	1	1	1
27	Botega, NJ (2005)	1	0	0	0	0	0	0	0	0	0	0	1	1
28	Botega, NJ (2009)	1	1	1	0	0	0	0	0	0	0	0	1	1
29	Brzozowski, FS (2010)	0	0	0	0	1	0	0	0	0	0	1	1	1
30	Bucaretchi, F (2012)	0	0	1	0	1	0	0	0	0	0	1	1	1

Table S2 (Continued)

Ref. no.	First author (year)	Suicide *spectrum* phenomena						Special population				Age group		
		Ideation	Plan	Attempt	Risk	Death	Self-injury	Indigenous	Females	Pregnancy	Substance use disorder	Children	Adolescents	Adults
31	Bucher, RE (1978)	0	0	1	0	1	0	0	0	0	0	0	1	1
32	Caldas, ED (2008)	0	0	1	0	1	0	0	0	0	0	1	1	1
33	Cardoso, MP (2006)	0	0	0	0	1	0	0	1	0	0	0	1	1
34	Carlini-Cotrim, B (2000)	0	0	1	0	0	0	0	0	0	0	0	1	0
35	Carlini-Marlatt, B (2003)	0	0	1	0	0	0	0	0	0	0	0	1	0
36	Carvalho, PD (2011)	1	1	0	0	0	0	0	0	0	0	0	1	0
37	Cassorla, RM (1979)	0	0	1	0	0	0	2	2	2	2	2	2	2
38	Cassorla, RM (1984)	2	2	2	2	2	2	0	0	0	0	0	1	1
39	Castro e Couto, T (2016)	0	0	1	1	0	0	0	1	1	0	0	1	1
40	Castro ML (2011)	0	0	1	0	0	0	0	0	0	0	0	1	0
41	Ceccon, RF (2014)	1	0	0	0	0	0	0	1	0	0	0	1	1
42	Chachamovich, E (2009)	2	2	2	2	2	2	2	2	2	2	1	1	1
43	Coelho, FM (2014)	1	1	1	1	0	0	0	1	1	0	0	1	0
44	Coloma, C (2006)	0	0	0	0	1	0	1	0	0	0	1	1	1
45	Coloma, C (2007)	2	2	2	2	2	2	2	2	2	2	1	1	1
46	Costa, AB (2017)	0	0	1	0	0	0	0	0	0	0	0	1	1
47	Delziovo, CR (2017)	0	0	1	0	0	0	0	1	0	0	0	1	1
48	Devries, K (2011)	1	0	1	0	0	0	0	1	0	0	0	1	1
49	Erthal, RM (2001)	0	0	0	0	1	0	1	0	0	0	1	1	1
50	Etcheverry, GB (2014)	1	0	0	0	0	0	0	0	0	0	0	1	0
51	Faria, NM (2006)	0	0	0	0	1	0	0	0	0	0	0	1	1
52	Feijo, RB (1997)	1	0	1	0	0	0	0	0	0	0	0	1	0
53	Ferreira, ME (2011)	0	0	0	0	1	0	1	0	0	0	1	1	1
54	Fook, SM (2013)	0	0	1	0	1	0	0	0	0	0	1	1	1
55	Freire, C (2013)	2	2	2	2	2	2	2	2	2	2	0	1	1
56	Freitas, GV (2002)	1	0	1	0	0	0	0	1	1	0	0	1	0
57	Freitas, GV (2008)	1	0	1	0	0	1	0	1	1	0	0	1	0
58	Fu, IL (2008)	1	1	1	0	0	0	0	0	0	0	1	1	0
59	Gaspar, VL (2004)	0	0	1	0	0	0	0	0	0	0	1	1	0
60	Gawryszewski, VP (2008)	0	0	1	0	0	1	0	0	0	0	1	1	1

Table S2 (Continued)

Ref. no.	First author (year)	Suicide *spectrum* phenomena						Special population				Age group		
		Ideation	Plan	Attempt	Risk	Death	Self-injury	Indigenous	Females	Pregnancy	Substance use disorder	Children	Adolescents	Adults
61	Golfeto, JH (2004)	1	1	0	0	0	0	0	0	0	0	1	1	0
62	Gomes, FA (2009)	0	0	1	0	0	0	0	1	0	0	0	1	1
63	Gonçalves, RE (2018)	0	0	1	0	0	0	0	0	0	0	0	1	1
64	Gonsaga, RA (2017)	0	0	0	0	1	0	0	0	0	0	1	1	1
65	Gonzalez-Perez, GJ (2017)	0	0	0	0	1	0	0	0	0	0	1	1	1
66	Haddad, N (2000)	0	0	0	0	1	0	0	1	0	0	0	1	1
67	Hesketh, JL (1978)	0	0	1	0	0	0	0	0	0	0	0	1	1
68	Huang, H (2012)	1	0	0	0	0	0	0	1	1	0	0	1	1
69	Ianni, HF (2015)	0	0	0	0	0	1	0	0	0	0	1	1	1
70	Jorge, MH (1981)	0	0	0	0	1	0	0	0	0	0	1	1	1
71	Jorge, MH (1982)	0	0	0	0	1	0	0	0	0	0	0	1	1
72	Jorge, MH (1997)	0	0	0	0	1	0	0	0	0	0	1	1	1
73	Koizumi, MS (2000)	0	0	1	0	1	0	0	0	0	0	1	1	1
74	Kyu, HH (2016)	0	0	0	0	1	0	0	0	0	0	1	1	0
75	Leao, SC (2015)	0	0	1	0	0	0	0	0	0	0	1	1	1
76	Lopes, MC (2016)	1	1	1	0	0	1	0	0	0	0	1	1	0
77	Lovisi, GM (2009)	0	0	0	0	1	0	0	0	0	0	0	1	1
78	Luis, MA (1998)	0	0	1	1	0	0	0	1	1	0	0	1	1
79	Macente, LB (2012)	0	0	0	0	1	0	0	0	0	0	0	1	1
80	Machado, DB (2017)	0	0	1	0	1	0	0	0	0	0	0	1	1
81	Maia, APF (2007)	0	0	0	0	0	0	0	0	0	0	1	0	0
82	Malta, DC (2017)	0	0	0	0	1	0	0	0	0	0	1	1	1
83	Marchesan, WG (1997)	0	0	1	0	0	0	0	0	0	0	1	1	1
84	Margonato, FB (2009)	0	0	1	0	0	0	0	0	0	0	1	1	1
85	Marin-Leon, L (2003)	0	0	0	0	1	0	0	0	0	0	0	1	1
86	Marin-Leon, L (2012)	0	0	0	0	1	0	0	0	0	0	1	1	1
87	Martins Junior, DF (2016)	0	0	1	0	0	0	0	0	0	0	0	1	1
88	Mascarenhas, MD (2009)	0	0	1	0	0	0	0	0	0	0	1	1	1
89	Matos, SG (2007)	0	0	0	0	1	0	0	0	0	0	1	1	1
90	Mello-Santos, C (2005)	0	0	0	0	1	0	0	0	0	0	1	1	1

Table S2 (Continued)

Ref. no.	First author (year)	Suicide *spectrum* phenomena						Special population				Age group		
		Ideation	Plan	Attempt	Risk	Death	Self-injury	Indigenous	Females	Pregnancy	Substance use disorder	Children	Adolescents	Adults
91	Meneghel, SN (2004)	0	0	0	0	1	0	0	0	0	0	0	1	1
92	Minayo, MC (2006)	0	0	0	0	1	0	0	0	0	0	0	1	1
93	Miranda, PS (1989)	0	0	1	0	1	0	0	0	0	0	1	1	1
94	Moreira CS (2010)	0	0	1	0	0	0	0	0	0	0	1	1	1
95	Morgado, AF (1991)	2	2	2	2	2	2	1	0	0	0	0	1	1
96	Mota, DM (2012)	0	0	0	0	1	0	0	0	0	0	1	1	1
97	Neves, PD (2013)	0	0	1	0	0	0	0	0	0	0	1	1	1
98	Oliveira, EN (2014)	1	0	1	0	0	0	0	0	0	1	0	1	1
99	Oliveira, FF (2014)	0	0	1	0	0	0	0	0	0	0	1	1	0
100	Oliveira, ML (2009)	0	0	1	0	1	0	0	0	0	0	1	1	1
101	Orellana, JD (2013)	0	0	0	0	1	0	0	0	0	0	1	1	1
102	Palma, SM (2011)	2	2	2	2	2	2	2	2	2	2	2	2	2
103	Parente ACM (2007)	0	0	0	0	1	0	0	0	0	0	0	1	1
104	Pasquali, L (1981)	0	0	1	0	0	0	0	0	0	0	0	1	1
105	Pinheiro, RT (2012)	1	1	1	1	0	0	0	1	1	0	0	1	0
106	Pires, DX (2005)	0	0	1	0	1	0	0	0	0	0	1	1	1
107	Polanczyk, GV (2017)	2	2	2	2	2	2	2	2	2	2	2	2	2
108	Pordeus, AM (2009)	0	0	1	0	1	0	0	0	0	0	0	1	1
109	Quevedo, L (2011)	0	0	0	1	0	0	0	0	0	0	0	1	1
110	Quinlan-Davidson, M (2014)	0	0	0	0	1	0	0	0	0	0	0	1	1
111	Ramos, R (1966)	0	0	0	0	1	0	0	0	0	0	0	1	1
112	Rebelo, FM (2011)	0	0	1	0	1	0	0	0	0	0	1	1	1
113	Ribeiro, AP (2017)	0	0	1	0	1	0	0	0	0	0	1	1	1
114	Rodrigues Mendonca, D (2016)	0	0	1	0	1	0	0	0	0	0	1	1	0
115	Rodrigues, NC (2005)	0	0	0	0	1	0	0	0	0	0	1	1	1
116	Santos, SA (2009)	0	0	1	0	0	0	0	0	0	0	0	1	1
117	Santos, SA (2013)	0	0	0	0	1	0	0	0	0	0	0	1	0
118	Santos, SM (2001)	0	0	0	0	1	0	0	0	0	0	0	1	1
119	Scivoletto, S (2010)	2	2	2	2	2	2	2	2	2	2	1	1	0
120	Sena-Ferreira, N (2014)	0	0	0	0	1	0	0	0	0	0	0	1	1

Table S2 (Continued)

Ref. no.	First author (year)	Suicide *spectrum* phenomena						Special population				Age group		
		Ideation	Plan	Attempt	Risk	Death	Self-injury	Indigenous	Females	Pregnancy	Substance use disorder	Children	Adolescents	Adults
121	Silber, TJ (1984)	2	2	2	2	2	2	2	2	2	2	2	2	2
122	Silva, RJ (2014)	1	1	1	0	0	0	0	0	0	0	0	1	1
123	Silveira, MH (1976)	0	0	0	0	1	0	0	0	0	0	1	1	1
124	Simioni, AR (2017)	0	0	0	0	0	1	0	0	0	0	1	1	0
125	Souza, ER (2002)	0	0	0	0	1	0	0	0	0	0	0	1	0
126	Souza, LD (2010)	1	0	0	0	0	0	0	0	0	0	0	1	0
127	Souza, ML (2012)	0	0	0	0	1	0	0	0	0	0	1	1	1
128	Stefanello, S (2008)	0	0	0	0	0	0	0	0	0	0	0	1	1
129	Stefanello, S (2010)	1	1	1	0	0	0	0	0	0	0	0	1	1
130	Stefanello, S (2010)(2)	1	1	1	0	0	0	0	0	0	0	0	1	1
131	Stefanello, S (2011)	1	0	1	0	0	0	0	0	0	0	0	1	1
132	Tabb, KM (2017)	1	0	0	0	0	0	0	1	1	0	0	1	1
133	Tavares, D (2012)	0	0	0	1	0	0	0	1	1	0	0	1	1
134	Teixeira, AM (1997)	0	0	1	0	1	1	0	0	0	0	0	1	1
135	Teixeira, AM (1997)	0	0	1	0	1	1	0	0	0	0	0	1	1
136	Tonezer, J (2015)	1	0	1	0	0	0	0	0	0	0	1	1	0
137	Veras, JL (2011)	0	0	1	0	0	0	0	0	0	0	0	1	0
138	Veras, JL (2016)	0	0	1	1	0	0	0	0	0	0	0	1	0
139	Verissimo, MI (2014)	0	0	1	0	0	0	0	0	0	0	1	1	1
140	Vidal, CE (2013)	0	0	1	0	1	0	0	0	0	0	0	1	1
141	Vieira, LJ (2009)	0	0	1	0	0	0	0	0	0	0	0	1	0
142	Vieira, PC (2008)	1	0	0	0	0	0	0	0	0	0	1	1	0
143	Werlang, BG (2003)	0	0	0	0	1	0	0	0	0	0	0	1	1
144	Werneck, GL (2006)	0	0	1	0	0	0	0	0	0	0	1	1	1
145	Yunes, J (1993)	0	0	0	0	1	0	0	0	0	0	1	1	1
146	Zerbini, T (2012)	0	0	0	0	1	0	0	0	0	0	1	1	1

a 0 = no; 1 = yes; 2 = NA

Table S3 Classification of included studies according to data stratification by age group, population-based sample, selected clinical sample and secondary data use [a]

Ref. no.	First author (year)	Data stratification by age group	Population-based sample	Selected clinical sample	Secondary data use
1	Abasse, ML (2009)	1	1	0	1
2	Abuabara, A (2017)	0	1	0	1
3	Albuquerque, PC (2015)	0	1	0	1
4	Alves, MAG (2015)	1	0	1	1
5	Alves, MM (2013)	1	1	0	1
6	Alves, VM (2014)	1	0	1	1
7	Alves, VM (2017)	1	0	1	1
8	Andrade-Barbosa, TL (2013)	0	1	0	1
9	Anteghini, M (2001)	1	1	0	0
10	Assis, SG (2014)	1	1	0	0
11	Azuero, AJ (2017)	0	2	2	0
12	Baggio, L (2009)	1	1	0	0
13	Bando, DH (2012)	1	1	0	1
14	Bando, DH (2012)	0	1	0	1
15	Bando, DH (2017)	0	1	0	1
16	Barbosa, LP (2014)	1	1	0	0
17	Barbosa, V (1966)	1	1	0	1
18	Barbosa, V (1974)	1	1	0	1
19	Barros, MD (2001)	1	1	0	1
20	Benute, GR (2011)	1	0	1	0
21	Bertolote, JM (2012)	2	2	2	2
22	Bezerra Filho, JG (2012)	2	1	0	1
23	Bittencourt, AA (2009)	1	1	0	0
24	Blank, D (2005)	2	2	2	2
25	Bochner, R (2006)	1	1	0	1
26	Bochner, R (2007)	0	1	0	1
27	Botega, NJ (2005)	1	1	0	0
28	Botega, NJ (2009)	0	1	0	0
29	Brzozowski, FS (2010)	1	1	0	1
30	Bucaretchi, F (2012)	0	0	1	0
31	Bucher, RE (1978)	1	0	1	1
32	Caldas, ED (2008)	1	1	0	1
33	Cardoso, MP (2006)	0	1	0	1
34	Carlini-Cotrim, B (2000)	1	1	0	0
35	Carlini-Marlatt, B (2003)	1	1	0	0

Table S3 (Continued)

Ref. no.	First author (year)	Data stratification by age group	Population-based sample	Selected clinical sample	Secondary data use
36	Carvalho, PD (2011)	1	1	0	0
37	Cassorla, RM (1979)	2	2	2	2
38	Cassorla, RM (1984)	1	0	1	0
39	Castro e Couto, T (2016)	1	0	1	0
40	Castro ML (2011)	1	1	0	0
41	Ceccon, RF (2014)	1	0	1	0
42	Chachamovich, E (2009)	2	2	2	2
43	Coelho, FM (2014)	1	0	1	0
44	Coloma, C (2006)	1	1	0	1
45	Coloma, C (2007)	2	2	2	2
46	Costa, AB (2017)	1	1	0	0
47	Delziovo, CR (2017)	1	0	1	1
48	Devries, K (2011)	0	0	1	0
49	Erthal, RM (2001)	1	1	0	1
50	Etcheverry, GB (2014)	1	0	1	0
51	Faria, NM (2006)	0	1	0	1
52	Feijo, RB (1997)	1	1	0	0
53	Ferreira, ME (2011)	1	1	0	1
54	Fook, SM (2013)	2	1	0	1
55	Freire, C (2013)	2	2	2	2
56	Freitas, GV (2002)	1	0	1	0
57	Freitas, GV (2008)	1	0	1	0
58	Fu, IL (2008)	1	0	1	0
59	Gaspar, VL (2004)	1	0	1	0
60	Gawryszewski, VP (2008)	1	0	1	0
61	Golfeto, JH (2004)	1	1	0	0
62	Gomes, FA (2009)	0	0	1	1
63	Gonçalves, RE (2018)	1	0	1	1
64	Gonsaga, RA (2017)	1	0	1	1
65	Gonzalez-Perez, GJ (2017)	1	1	0	1
66	Haddad, N (2000)	1	1	0	1
67	Hesketh, JL (1978)	1	0	1	0
68	Huang, H (2012)	0	0	1	0
69	Ianni, HF (2015)	0	0	1	0
70	Jorge, MH (1981)	1	1	0	1

Table S3 (Continued)

Ref. no.	First author (year)	Data stratification by age group	Population-based sample	Selected clinical sample	Secondary data use
71	Jorge, MH (1982)	1	1	0	1
72	Jorge, MH (1997)	0	1	0	1
73	Koizumi, MS (2000)	0	1	0	1
74	Kyu, HH (2016)	1	1	0	1
75	Leao, SC (2015)	0	0	1	1
76	Lopes, MC (2016)	1	0	1	0
77	Lovisi, GM (2009)	1	1	0	1
78	Luis, MA (1998)	0	0	1	0
79	Macente, LB (2012)	1	1	0	1
80	Machado, DB (2017)	0	1	0	1
81	Maia, APF (2007)	1	0	1	0
82	Malta, DC (2017)	1	1	0	1
83	Marchesan, WG (1997)	1	0	1	0
84	Margonato, FB (2009)	1	1	0	1
85	Marin-Leon, L (2003)	0	1	0	1
86	Marin-Leon, L (2012)	1	1	0	1
87	Martins Junior, DF (2016)	1	1	0	1
88	Mascarenhas, MD (2009)	0	1		1
89	Matos, SG (2007)	0	1	0	1
90	Mello-Santos, C (2005)	0	1	0	1
91	Meneghel, SN (2004)	1	1	0	1
92	Minayo, MC (2006)	1	1	0	1
93	Miranda, PS (1989)	1	1	0	1
94	Moreira CS (2010)	0	0	1	1
95	Morgado, AF (1991)	0	0	1	0
96	Mota, DM (2012)	1	1	0	1
97	Neves, PD (2013)	1	1	0	1
98	Oliveira, EN (2014)	0	0	0	1
99	Oliveira, FF (2014)	1	1	0	1
100	Oliveira, ML (2009)	0	0	1	1
101	Orellana, JD (2013)	1	1	0	1
102	Palma, SM (2011)	2	2	2	2
103	Parente ACM (2007)	1	1	0	1
104	Pasquali, L (1981)	1	0	1	0
105	Pinheiro, RT (2012)	1	0	1	0

Table S3 (Continued)

Ref. no.	First author (year)	Data stratification by age group	Population-based sample	Selected clinical sample	Secondary data use
106	Pires, DX (2005)	0	1	0	1
107	Polanczyk, GV (2017)	2	2	2	0
108	Pordeus, AM (2009)	1	1	0	1
109	Quevedo, L (2011)	1	0	1	0
110	Quinlan-Davidson, M (2014)	1	1	0	1
111	Ramos, R (1966)	1	1	0	1
112	Rebelo, FM (2011)	1	1	0	1
113	Ribeiro, AP (2017)	1	0	1	1
114	Rodrigues Mendonca, D (2016)	1	1	1	1
115	Rodrigues, NC (2005)	1	1	0	1
116	Santos, SA (2009)	1	0	1	0
117	Santos, SA (2013)	1	1	0	1
118	Santos, SM (2001)	0	1	0	1
119	Scivoletto, S (2010)	2	2	2	2
120	Sena-Ferreira, N (2014)	1	1	0	1
121	Silber, TJ (1984)	2	2	2	2
122	Silva, RJ (2014)	1	1	0	0
123	Silveira, MH (1976)	1	0	0	1
124	Simioni, AR (2017)	1	0	1	0
125	Souza, ER (2002)	1	1	0	1
126	Souza, LD (2010)	1	1	0	0
127	Souza, ML (2012)	1	1	0	1
128	Stefanello, S (2008)	0	1	0	0
129	Stefanello, S (2010)	0	0	1	0
130	Stefanello, S (2010)(2)	0	0	1	0
131	Stefanello, S (2011)	0	0	1	0
132	Tabb, KM (2017)	1	0	1	0
133	Tavares, D (2012)	1	0	1	0
134	Teixeira, AM (1997)	1	0	1	1
135	Teixeira, AM (1997)	1	0	1	1
136	Tonezer, J (2015)	1	0	1	0
137	Veras, JL (2011)	1	0	1	1
138	Veras, JL (2016)	1	1	0	0
139	Verissimo, MI (2014)	1	0	1	0
140	Vidal, CE (2013)	1	0	1	1

Table S3 (Continued)

Ref. no.	First author (year)	Data stratification by age group	Population-based sample	Selected clinical sample	Secondary data use
141	Vieira, LJ (2009)	1	0	1	0
142	Vieira, PC (2008)	1	1	0	0
143	Werlang, BG (2003)	0	0	1	1
144	Werneck, GL (2006)	1	0	1	1
145	Yunes, J (1993)	1	1	0	1
146	Zerbini, T (2012)	1	0	1	1

a 0 = no; 1 = yes; 2 = NA

Appendix A2 List of included studies

1. Abasse ML, de Oliveira RC, Silva TC, de Souza ER. [Epidemiological analysis of morbidity and mortality from suicide among adolescents in Minas Gerais, Brazil]. Cien Saude Colet. 2009;14(2):407-16.
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15. Bando DH, Teng CT, Volpe FM, Masi E, Pereira LA, Braga AL. Suicide and meteorological factors in Sao Paulo, Brazil, 1996-2011: a time series analysis. Braz J Psychiatry. 2017;39(3):220-7.
16. Barbosa LP, Quevedo L, da Silva Gdel G, Jansen K, Pinheiro RT, Branco J, et al. Childhood trauma and suicide risk in a sample of young individuals aged 14-35 years in southern Brazil. Child Abuse Negl. 2014;38(7):1191-6.
17. Barbosa V, Ramos R. [Studies on death by suicide. 3. Death by suicide in the interior of the state of Sao Paulo]. Arq Fac Hig Saude Publica Univ Sao Paulo. 1966;20(1):1-23.
18. Barbosa V. [Descriptive study of suicide in the county of Sao Paulo (Brazil) 1959-68]. Rev Saude Publica. 1974;8(1):1-14.
19. Barros MD, Ximenes R, de Lima ML. [Child and adolescent mortality due to external causes: trends from 1979 to 1995]. Rev Saude Publica. 2001;35(2):142-9.
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