

Supplementary Table 1. Papers excluded after reading full-text articles, with reasons for exclusion

Author names	Reason for exclusion
Caballero et al. (2007)	Duplicate data
Carrera et al. (2012)	Atypical measures of TPB constructs (e.g., used unipolar measures with only one scale endpoint for attitudes)
Collins & Carey (2007)	Correlations not reported
Collins et al. (2010)	Correlations not reported
Conner & Flesch (2001)	No measure of alcohol intentions reported
Conner et al. (1999)	No measure of alcohol intentions reported
Huchting et al. (2008)	Atypical measures of TPB constructs (e.g., Rutgers Alcohol Problem Index used to measure PBC)
Kam et al. (2009)	No measure of alcohol intentions reported
Kuther & Higgins-D'Alessandro (2003)	No measure of alcohol intentions reported
Lac et al. (2013)	Correlations not reported
Marcoux & Shope (1997)	Correlations not reported
McMillan & Conner (2003)	Atypical measures of TPB constructs (e.g., PBC assessed using belief-based measures as opposed to direct measures)
Murgraff et al. (2001)	No measure of alcohol intentions reported
Norman et al. (1998)	No measure of alcohol intentions reported
Rivis et al. (2006)	Correlations not reported
Zimmerman & Sieverding (2011)	Duplicate data

Supplementary Table 2. Definitions of alcohol consumption reported in included studies

Authors & Year	Behaviour	Category
Ajzen & Sheikh (2013)	Drink alcohol	-
	Avoid alcohol	Not drinking
Armitage et al. (2002)	Very drunk at least twice in the next week	Getting drunk
Conner et al. (1999)		
Study 1	Drink alcohol in the next two weeks	-
Study 2	Drink alcohol in the next two weeks	-
Study 3	Drink alcohol next Sunday	-
Cooke & French (2011)		
Bar Sample	Females consuming > 7 units, males consuming > 10.5 units of alcohol in a single session	Heavy Episodic
Library Sample	Females consuming > 7 units, males consuming > 10.5 units of alcohol in a single session	Heavy Episodic
Cooke et al. (2007)	Females consuming > 7 units, males consuming > 10.5 units of alcohol in a single session	Heavy Episodic
Elliott & Ainsworth (2012)	Females consuming > 6 units, males consuming > 8 units of alcohol in a single session	Light Episodic
French & Cooke (2012)	Females consuming > 7 units, males consuming > 10.5 units of alcohol in a single session	Heavy Episodic
Gagnon et al. (2012)	NIAAA (2004) guidelines > 3 drinks for females and > 4 drinks for males	Light Episodic
Gardner et al. (2012)	Eight units for females and males	Heavy Episodic
Glassman et al. (2010)	Extreme Ritualistic Alcohol Consumption (ERAC): ≥ 10 drinks for males, or ≥ 8 for females on game day	Heavy Episodic
Hagger et al. (2007)	Females consuming > 7 units, males consuming > 10.5 units of alcohol in a single session	Heavy Episodic
Hagger et al. (2012a)	NIAAA (2004) guidelines > 3 drinks for females and > 4 drinks for males	Light Episodic
Hagger et al. (2012b)	NIAAA (2004) guidelines > 3 drinks for females and > 4 drinks for males	Light Episodic
Jamison & Myers (2008)	Females = 4 or more pints of beer/glasses of wine/measures of spirits. Males = 5 or more pints of beer/glasses of wine/measures of spirits.	Quantity drunk
Johnston & White (2003)	Five or more standard Australian drinks	Light Episodic
Kim & Hong (2013)	Controlled drinking	-
Norman (2011)	Females consuming > 6 units, males consuming > 8 units of alcohol in a single session	Light Episodic
Norman & Conner (2006)	Females consuming > 7 units, males consuming > 10.5 units of alcohol in a single session	Heavy Episodic
Norman et al. (2007)	Females consuming > 7 units, males consuming > 10.5 units of alcohol in a single session	Heavy Episodic

Norman et al. (2012)	Females consuming > 7 units, males consuming > 10.5 units of alcohol in a single session	Heavy Episodic
O'Callaghan et al. (1997)	Drink alcohol in the next month	-
Park et al. (2009)	Moderate drinking = 4 drinks or less	Light Episodic
Rise & Wilhelmsen (1998)		
Grade 7 Boys	Not drink alcohol at the next house party	Not drinking
Grade 7 Girls	Not drink alcohol at the next house party	Not drinking
Grade 9 Boys	Not drink alcohol at the next house party	Not drinking
Grade 9 Girls	Not drink alcohol at the next house party	Not drinking
Spijkerman et al. (2004)	Drink alcohol	-
Todd & Mullan (2011)	NHMRC (2009) guidelines = 5 or more standard drinks	Light Episodic
Wall et al. (1998)		
Men	Too much to drink	Getting drunk
Women	Too much to drink	Getting drunk
Woolfson & Maguire (2010)	Females consuming > 7 units, males consuming > 10.5 units of alcohol in a single session	Heavy Episodic
Zimmermann & Sieverding (2010)		
Men	Drinking > 3 glasses of alcohol	Quantity drunk
Women	Drinking > 3 glasses of alcohol	Quantity drunk

Notes.

Getting drunk = getting very drunk, heavy drinking

Heavy episodic = drinking more than 56g ethanol in a single session

Light episodic = drinking less than 56g ethanol in a single session

Quantity drunk = quantity of drinks consumed

Not drinking = avoiding alcohol consumption

Supplementary Table 3: Summary of included studies

Authors & Year	Country	% F	Mean Age	Behaviour ^a	N	A	SN	PBC	SE	PC	N	I	PBC	SE	PC
Ajzen & Sheikh (2013)	USA	73 ^b	-	Drink alcohol	49	.68	.51	.48	-	-	-	-	-	-	-
	USA	73 ^b	-	Not drinking	49	.50	.27	.30	-	-	-	-	-	-	-
Armitage et al. (2002)	UK	51	26	Getting drunk	124	.61	.47	-	.53	-	-	-	-	-	-
Conner et al. (1999)															
Study 1	UK	53	-	Drink alcohol	178	.39	.34	.44	-	-	155	.48	.59	-	-
Study 2	UK	57	-	Drink alcohol	176	.39	.23	-.35	-	-	111	.35	-.62	-	-
Study 3	UK	74	-	Drink alcohol	159	.48	.51	-.24	-	-	159	.35	-.21	-	-
Cooke & French (2011)															
Bar Sample	UK	50	-	Heavy Episodic	195	.52	.52 ^c	.40	-	-	-	-	-	-	-
Library Sample	UK	50	-	Heavy Episodic	188	.62	.55 ^c	.48	-	-	-	-	-	-	-
Cooke et al. (2007)	UK	58	20.28	Heavy Episodic	178	.58	.20 ^c	.34	-	-	-	-	-	-	-
Elliott & Ainsworth (2012)	UK	69	20.40	Light Episodic	120	.78	.50	-	.75	-.15	120	.70		.58	-.11
French & Cooke (2012)	UK	50	-	Heavy Episodic	197	.66	.42 ^c	.14 ^c	-	-	177	.57	.01	-	-
Gagnon et al. (2012)	Canada	58	20.10	Light Episodic	141	.67	.48	-	.64	-	-	-	-	-	-
Gardner et al. (2012)	UK	70	21.95	Heavy Episodic	167	.72	.47	-	.56	-	-	-	-	-	-
Glassman et al. (2010)	USA	61	-	Heavy Episodic	^d	.85	.66	-	-	.07	-	-	-	-	-
Hagger et al. (2007)	UK	57	22.83	Heavy Episodic	525	.81	.71	.75	-	-	525	.61	.53	-	-
Hagger, Lonsdale, Hein et al. (2012)															
Time 1	4 countries ^e	54	30.41	Light Episodic	486	.74	.45	.65	-	-	-	-	-	-	-
Time 2	4 countries ^e	54	30.41	Light Episodic	486	.77	.52	.54	-	-	-	-	-	-	-
Hagger, Lonsdale, Koka et al. (2012)															
	Estonia	68	20.94	Light Episodic	185	.75	.52	.58	-	-	-	-	-	-	-
	Finland	63	23.40	Light Episodic	119	.82	.75	.40	-	-	-	-	-	-	-
	UK	87	19.77	Light Episodic	163	.67	.52	.52	-	-	-	-	-	-	-

Jamison & Myers (2008)	UK	42	23	Quantity drunk	176	.33	.27	.19	-	-	176	.33	.24	-	-
Johnston & White (2003)	Australia	80	26	Light Episodic	289	.75	.72	-	.74	-	223	.69	-	.59	-
Kim & Hong (2013)	Korea	0	37.10	Controlled drink	315	.36	.54	.51	-	-	-	-	-	-	-
Norman (2011)	UK	82	19.12	Light Episodic	137	.82	.44	-	.64	.02	109	.59		.37	-.05
Norman & Conner (2006)	UK	77	20.26	Heavy Episodic	398	.83	.43	-	.70	-.22	273	.48		.42	-.12
Norman et al. (2007)	UK	86	20.08	Heavy Episodic	94	.74	.42	-	.29	-.01	79	.40	-	.26	-.19
Norman et al. (2012)	UK	83	20.38	Heavy Episodic	172	.84	.46	.37	-	-	172	.46	.33	-	-
O'Callaghan et al. (1997)	Australia	67	-	Drink alcohol	122	.40	.44	.21	-	-	122	.63	.33	-	-
Park et al. (2009)	USA	54	20.60	Light Episodic	^t	.48	.61	-	.43	-	-	-	-	-	-
Rise & Wilhelmsen (1998)															
Grade 7 Boys	Norway		13.6 ^b	Not drinking	430	.33	.45	-	.36	-	-	-	-	-	-
Grade 7 Girls	Norway	50	13.6 ^b	Not drinking	430	.40	.50	-	.42	-	-	-	-	-	-
Grade 9 Boys	Norway		15.7 ^b	Not drinking	434	.30	.44	-	.34	-	-	-	-	-	-
Grade 9 Girls	Norway	49	15.7 ^b	Not drinking	434	.33	.48	-	.46	-	-	-	-	-	-
Spijkerman et al. (2004)	Netherlands	52	12.90	Drink alcohol	2814	.61	.55	-	-.49	-	-	-	-	-	-
Todd & Mullan (2011)	Australia	100	19	Light Episodic	80	.59	.63	.54	-	-	80	.63	.43	-	-
Wall et al. (1998)															
Men	Canada		19.91 ^b	Getting drunk	170	.58	-.13	-.46	-	-	170	.55	-.37	-	-
Women	Canada	46 ^b	19.91 ^b	Getting drunk	146	.52	.01	-.45	-	-	146	.53	-.42	-	-
Woolfson & Maguire (2010)	UK	77	21	Heavy Episodic	62	.81	.27	-	.35	-.37	62	.52	-	.20	-.30
Zimmermann & Sieverding (2010)															
Men	Germany		24.7 ^b	Quantity drunk	153	.45	.23	-	.53	-	153	.56	-	.26	-
Women	Germany	49 ^a	24.7 ^b	Quantity drunk	147	.35	.34	-	.44	-	147	.60	-	.45	-

Notes.

^a Full definitions are provided in Supplementary Appendix 1

^b Overall sample statistics

^c Average correlation computed

^d Samples sizes for Glassman et al.: Attitude-intention N = 218, SN-Intention N = 221, PBC-Intention = 219

^e Four countries = Estonia, Finland, Sweden and UK

^f Samples sizes for Park et al.: Attitude-intention N = 947, SN-Intention N = 940, PBC-Intention = 948