

Table S1

Table S1. Application of TPB in waste recycling studies (SLR)

NO	AUTHOR	JOURNAL	COUNTRY	RESPONDENT	SAMPLE SIZE	YEAR	CATEGORY	IV-DV
1	Ertz et al.	Journal of Environmental Management	Canada,China	Student	549,672	2017	Plastic waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV CONTEXT-> MOT MOT-> INT
2	Ghani et al.	Waste Management	Malaysia	University staff	204	2013	Food waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV SF-> INT
3	Zhang et al.	Waste Management	China	Electronic Consumers	802	2020	E-waste	ATT-> INT PBC-> INT SN-> INT Past BHV-> INT Conscientiousness>ATT
4	Onel & Mukherjee	<i>Psychol.Mark.</i>	USA	Students	206	2017	Domestic waste	ATT-> INT PBC-> INT SN-> INT INT-> PRO-BHV Affect-> ATT
5	Papaoikonomou et al.	Environmental Processes	Greece	Citizens	310	2020	E-waste	ATT-> INT PBC-> INT SN-> INT WTP->PBC MN->PBC
6	Xu et al.2017	Sustainability	China	Residents	628	2017	Household Waste	ATT-> INT PBC-> INT SN-> INT PB-> INT PMO->ATT

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7	Mamun et al.,2018	Sustainability	Malaysia	low-income households	380	2018	Domestic waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV ECO LITERACY->ATT EC-> ATT ECO LITERACY-> ATT Env Concern-> ATT Moral obligation->SN Normative belief->SN
8	Zhang et al.	Sustainability	China	Residents	500	2020	Household Waste	PBC-> INT SN-> INT INT-> BHV
9	Rhodes et al.	Environment and Behavior	Canada	Residents	176	2014	Household Waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV
10	Poškus, 2015	PSICHOLOGIJA	Lithuania	Students	142	2015	Domestic waste	MN-> INT PBC-> INT SN-> INT INT-> BHV
11	Passafaro et al., 2019	Frontiers in Psychology	Italy	Students	222	2019	Household Waste	ATT-> INT PBC-> INT SN-> INT LN->INT
12	PAMUK & PAMUK, 2019	International Electronic Journal of Environmental Education	Turkey	Teachers	834	2019	Domestic waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV

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13	Luzon et al., 2012	<i>Journal of Applied Social Psychology</i>	Spain	Housewives	154	2012	Household Waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV
14	Mahmud et al., 2020	<i>Waste Management & Research</i>	Bangladesh	Shop Manager	127	2020	E-waste	ATT-> INT SN-> INT PN-> INT PBC-> INT Info Publicity-> ATT Info Publicity -> SN Ascription of responsibility->PN Convenience -> PBC
15	Alhassan et al., 2017	Management of Environmental Quality	Ghana	Households	855	2018	Solid waste	ATT-> INT PBC-> INT SN-> INT Inconvenience->INT
16	Chen & Lee, 2020	International Trade, Politics and Development	China	Residents	371	2020	Household Waste	Policy regulation-> ATT Incentives-> ATT Facilitating Condition->ATT SN->ATT ATT->INT MN->ATT Self efficacy->ATT AC->ATT
17	Wan et al., 2012	Facilities	Hong Kong	Student+Staff	179+26=205	2012	Domestic waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV MN-> INT AC-> INT CONV-> INT

18	Razali et al., 2020	Journal of Cleaner Production	Malaysia	Residents	900	2020	Household Waste	ATT-> BHV PBC-> BHV SN-> BHV MN-> BHV
19	Jain et al., 2020	Journal of Cleaner Production	India	builders and vendors	260	2020	Construction and demolition waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Perceived benefit->ATT Perceived cost->ATT
20	Fan et al., 2019	Journal of Cleaner Production	China,Singapore	Residents	1100	2019	Household Waste	SN-> INT INT-> BHV
21	Echegaray & Hansstein, 2017	Journal of Cleaner Production	Brazil	Households	806	2017	E-waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Awareness -> INT Environmental -> INT assessment
22	Liu et al., 2019	Resources, Conservation & Recycling	China	Electronic Consumers	1471	2019	E-waste	ATT-> INT PBC-> INT SN-> INT Environmental responsibility-> ATT Environmental sensitivity-> ATT Perceptions of negative effects ->ATT Personal influence->SN Group influence->SN Convenience-> PBC Self-ability-> PBC

23	Nguyen et al., 2015	Habitat International	Vietnam	Households	180	2015	Household Waste	ATT-> INT PMN-> INT SN-> INT Perceived difficulties-> INT Trust-> INT PERSONAL MORAL NORM
24	Wang et al., 2020	Waste Management	China	Residents	397	2020	Household Waste	ATT-> INT PBC-> INT SN-> INT Incentive measure-> BHV INT-> BHV PN-> INT KNW-> INT
25	Khan et al., 2019	Resources, Conservation & Recycling	Pakistan	Households	243	2019	Plastic Waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV MN-> INT AC-> INT CONV-> INT
26	Arli et al., 2019	Int J Nonprofit Volunt Sect Mark	Australia	Consumers	827	2019	Domestic waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV MN-> SN Self efficacy-> PBC Situational factors-> PBC Awareness -> ATT
27	Ma et al., 2018	Sustainable Cities and Society	China	Residents	848	2018	Domestic waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV SF-> INT

28	Liao et al., 2018	Sustainable Cities and Society	China	Residents	487	2018	Food waste	ATT-> INT PBC-> INT SN-> INT Facilities-> INT Time pressure-> INT Env Concern-> SN
29	Heidari et al., 2019	Environmental Science and Pollution Research	Iran	Households	382	2019	Food waste	ATT-> PBC PBC-> INT SN-> INT Waste-preventing Behavior Perceived ascription of responsibility-> PBC Marketing/sale Addiction-> PBC Moral attitude->ATT
30	Heidari et al., 2018	Journal of Material Cycles and Waste Management	Iran	Students	420	2018	Solid waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Moral obligation-> INT Env awareness-> ATT SF-> INT Motivation-> INT
31	Shen et al.,2020	Int. J. Environ. Res. Public Health	China	Households	327	2020	Domestic waste	ATT-> INT PBC-> INT SN-> INT PN-> INT
32	Tsai et al., 2020	Foods	china	Students	400	2020	Food waste	ATT-> INT PBC-> INT SN-> INT Env concern-> INT

33	Koduah et al., 2019	JOURNAL OF AFRICAN BUSINESS	Ghana	Households	343	2019	Domestic waste	ATT-> INT PBC-> INT SN-> INT PBC-> BHV ATT-> BHV SN-> BHV
34	Yu et al., 2020	Int. J. Environ. Res. Public Health	China	Farmers	704	2020	Agricultural Waste	ATT-> INT PBC-> INT SN-> INT
35	Afroz et al.,2020	Eco feminism and Climate Change	Malaysia	Households	600	2020	E-waste	ATT-> INT Cost of recycling-> INT Convenience-> INT SN-> INT Env Awareness -> INT
36	HAO et al.,2018	The Singapore Economic Review	China	Students	536	2018	Domestic waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Consequences of Waste Sorting-> INT SF-> BHV
37	Muniandy & Anuar	Management Science Letters	Malaysia	Lecturers	101	2020	Domestic waste	ATT-> BHV PBC-> BHV SN-> BHV Environmental belief-> BHV Environmental belief-> ATT
38	White & Hyde, 2012	Environment and Behavior	Australia	General public	200	2012	Household Waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Conscientiousness-> INT Self-identity-> INT Past behavior-> INT

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39	Wight et al., 2012	American Journal of Health Education	USA	Students	189	2012	Municipal Solid Waste	ATT-> INT PBC-> INT SN-> INT Perceived control-> INT Descriptive norm-> INT
40	Chen&Tung,2010	Environment and Behavior	Taiwan	Residents	541	2010	Municipal solid waste	ATT-> INT PBC-> INT SN-> INT MN-> INT Consequences of Recycling-> INT
41	Wu et al.,2017	Waste Management	China	Contractors	207	2017	Construction and demolition waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Governmental Supervision-> BHV Project constraints-> BHV Economic viability-> BHV
42	Oztekin et al.,2017	Waste Management	Turkey	Students	863	2017	Domestic waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Past behavior-> INT
43	Stoeva & Alriksson, 2017	Waste Management	Sweden	Students	112	2017	Household Waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Satisfaction with local facilities-> INT

44	Chan & Bishop,2013	Journal of Environmental Psychology	Australia	Students	271	2013	Paper waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV MN ->ATT PBC-> BHV
45	Ramayah et al.,2012	Journal of Environmental Management	Malaysia	Students	200	2012	Municipal solid waste	ATT-> BHV SN-> BHV Convenience of Available Recycling Infrastructure-> BHV Cost of Recycling-> BHV Environmental Awareness-> ATT
46	Li et al.,2018	Journal of Cleaner Production	China	Contractor	491	2018	Construction and demolition waste	ATT-> INT PBC-> INT SN-> INT PN-> INT INT-> BHV PBC-> BHV KNW-> ATT
47	Soorani & Ahmadvand, 2019	Waste Management	Iran	Households	405	2019	Food waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Feeling of guilt-> INT Feeling of guilt-> BHV
48	Srun & Kurisu, 2019	Sustainability	Cambodia	Residents	413	2019	Household Waste	ATT-> INT PBC-> INT SN-> INT PN-> INT Past experience-> INT Satisfaction-> INT Concern-> INT Social pressure-> INT Locus of control-> INT

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49	Fornara et al., 2011	Group Processes & Intergroup Relations	Italy	Residents	452	2011	Household Waste	ATT-> INT PBC-> INT SN-> -> INT LN-> INT
50	PIKTURNIENĖ & BÄUMLE,2014	Journal of Business Economics and Management	<i>Lithuania</i>	Inhabitants	304	2014	Household Waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV
51	Mak et al.,2018	Journal of Cleaner Production	<i>Hong Kong</i>	Food industry stakeholders	155	2018	Food waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Economic incentives-> INT Logistics and management Incentives-> INT Administrative incentive & corporate support-> INT
52	Zhang et al.,2016	Resources, Conservation and Recycling	<i>China</i>	Students	250	2016	Municipal solid waste	ATT-> INT PBC-> INT SN-> INT NEP -> INT
53	Liao et al., 2018b	Int. J. Environ. Res. Public Health	<i>China</i>	Residents	538	2018	Municipal solid waste	ATT-> INT PBC-> INT SN-> INT Past experience-> INT Perceived Effect of Inducement Policy (IP) -> INT Building Policy (CBP) -> INT

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54	Khalil et al., 2017	Recycling	<i>Nigeria</i>	Households	393	2017	Household solid waste	ATT-> INT SN-> INT PN-> INT PBC-> INT
55	Halder & Singh, 2018	Recycling	<i>India</i>	Students	272	2018	Municipal solid wastes	ATT-> INT SN-> INT PN-> INT
56	Tian et al., 2019	Sustainability	<i>china</i>	Citizens	236	2019	Domestic waste	ATT-> INT SN-> INT PBC-> INT Government publicity-> ATT Government publicity-> SN Government publicity->PBC
57	Zhang et al.,2020b	Journal of Cleaner Production	<i>China</i>	Citizens	507	2020	Textile waste	ATT-> INT SN-> INT PBC-> INT Perceived Usefulness (PU) -> ATT Perceived Ease of Use (PEOU) -> ATT
58	Zhang et al., 2019b	Technological Forecasting & Social Change	<i>China</i>	Residents	895	2019	E-waste	ATT-> INT SN-> INT PBC-> INT Habit-> INT

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59	Wang et al.,2016	Journal of Cleaner Production	<i>China</i>	Residents	525	2016	E-waste	ATT-> INT Environmental awareness(EA) -> INT Costs of recycling(CR) -> INT Norms and publicity(NP) -> INT Convenience of recycling(CVR) -> INT Perceptions of informal recycling (PIR) -> INT
60	Zhang et al.,2019c	Journal of Environmental Management	<i>China</i>	Residents	413	2019	Household solid waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV Awareness of Consequence-> ATT Ascribed Responsibility ->ATT Government Stimulus-> BHV Facilities accessibility-> BHV
61	(Kumar, 2019	Resources, Conservation & Recycling	India & UK	Students	101-105	2019	E-WASTE	ATT-> INT PBC-> INT SN-> INT IR-> INT CA-> INT SD-> INT CON-> INT

62	Nguyen_et al.2018	Sustainability	Vietnam	Residents	520	2018	E-WASTE	ATT-> B.INT SP-> B.INT L&R-> B.INT CR->B. INT INC ->B. INT
63	Yushkova&Feng (2017)	Verlag GmbH	<i>China /Germany</i>	Students	1013	2017	E-WASTE	ATT-> INT EA-> INT SN->INT SDV -> INT
64	Nduneseokwu et al.(2017)	Sustainability	<i>Nigeria</i>	Consumers	384	2017	E-WASTE	ATT-> INT SN-> INT PBC-> INT EK-> INT
65	Wang et al. (2018)	Resources, Conservation & Recycling	<i>China</i>	Residents	462	2018	E-WASTE	ATT-> INT PBC-> INT SN-> INT PN-> INT
66	(Kianpour et al., 2017)	Sustainability	Malaysia	Consumers	800	2017	E-WASTE	ATT-> INT PBC-> INT SN-> INT
67	Borthakur & Govind (2018)	Resources, Conservation and Recycling	<i>India</i>	<i>Citizens</i>	190	2018	E-WASTE	ATT-> BHV PBC-> BHV SN-> BHV Awareness -> BHV
68	Botetzagias et al. (2015)	Resources, Conservation and Recycling	<i>Greece</i>	Students	293	2015	Municipal solid wastes	ATT-> INT PBC-> INT SN-> INT MN-> INT

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69	Corsini et al.(2018)	Waste Management	<i>Italy</i>	<i>Citizens</i>	375	2018	Municipal solid wastes	ATT-> BHV PBC-> BHV SOCIAL N-> BHV AC->ATT PN>ATT
70	Strydom (2018)	Recycling	<i>South africa</i>	Citizens	2004	2018	Household waste	ATT-> INT PBC-> INT SN-> INT INT-> BHV PBC-> BHV
71	Yuan et al. (2016)	Sustainability	China	<i>Citizens</i>	362	2016	kitchen waste	ATT-> BHV PBC-> BHV SN-> BHV MN-> BHV RD-> BHV
72	Zhang et al.	Int. J. Environ. Res. Public Health	China	Residents	208	2015	Household waste	ATT-> INT SN-> INT PBC-> INT INT-> BHV SF-> BHV Env knw-> ATT Moral obligation-> ATT
73	Wang et al.	Resources, Conservation & Recycling	China	Residents	1225	2019	E-waste	ATT-> INT SN-> INT PBC-> INT EM-> INT Willingness IN->INT ED-> INT

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74	Liao & Li, 2019	Int. J. Environ. Res. Public Health	China	Students	562	2019	Municipal solid wastes	ATT-> INT SN-> INT PBC-> INT EK-> INT INT-> BHV PBC-> BHV Env education-> ATT
75	Shen et al	Int. J. Environ. Res. Public Health	China	Citizens	524	2019	Municipal solid wastes	ATT-> INT SN-> INT PBC-> INT EC-> INT PMO-> INT
76	Vassanadumrongdee & Kittipongvises	Sustainable Environment Research	<i>Thailand</i>	Residents	1076	2018	Municipal solid wastes	ATT-> INT SN-> INT PBC-> INT WTP-> INT KNW-> INT INT-> BHV
77	Foon et al.,2020	Environmental Science and Pollution Research	Malaysia	Citizens	204	2020	Household waste medicine	ATT-> INT SN-> INT PN-> INT PBC-> INT Perceived Busyness-> INT
78	Wan et al. (2017)	Journal of Environmental Psychology	Hong Kong	Citizens	246	2017	Domestic waste	ATT-> INT SN-> INT PBC-> INT CA-> INT MN-> INT

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79	Lizin et al.	Resources, Conservation and Recycling	Belgium	Households	1638	2017	E-waste	ATT-> INT SN-> INT PBC-> INT Past behavior-> INT Consequences-> INT
80	Mak et al.	Waste Management	Hong Kong	Construction related Experts	191	2019	Construction and demolition waste	INT->BHV ATT->INT SN-> INT PBC-> INT
81	Ahmad et al.(2014)	Applied Research Quality Life	Pakistan	Students	216	2014	Domestic waste	ATT-> BHV MN-> BHV SN-> BHV PBC-> BHV
82	Arı & Yılmaz(2016)	Ecological Economics	Turkey	Housewives	400	2016	Household waste	ATT-> INT SN-> INT PBC-> INT INT-> BHV
83	Kochan et al. (2016)	The International Journal of Logistics Management	USA	Students	327	2016	E-waste	ATT->INT Perceived norm-> INT CA-> INT Perceived convenience->INT INT-> BHV
84	Ayob et al.(2017)	Facilities	Malaysia	Students	89	2017	Municipal Solid waste	ATT-> INT SN-> INT PBC-> INT
85	Rhodes et al.	Environment and Behavior	Canada	Residents	176	2015	Municipal Solid waste	ATT-> INT SN-> INT PBC->INT INT-> BHV PLANNING-> BHV PBC-> BHV

86	Birgelen et al.,2008	Environment and Behavior	Germany	Consumers	176	2008	Packaging waste	ATT-> BHV PBC-> BHV SN-> BHV Awareness-> BHV
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