

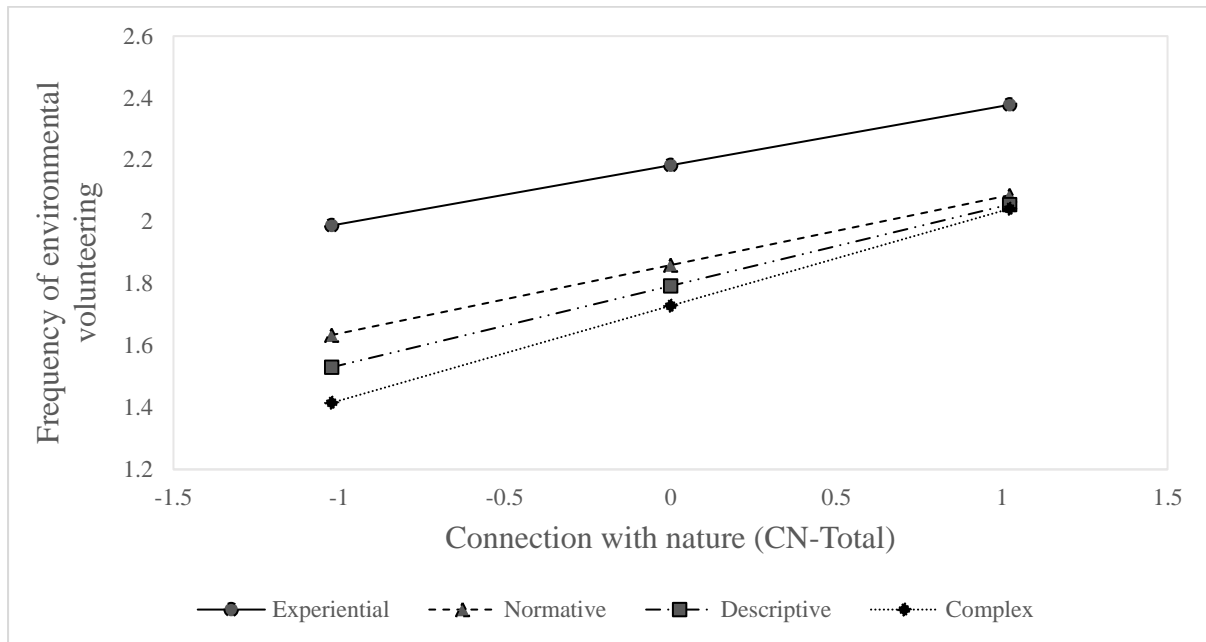
## APPENDIX 5: Moderation analyses

**Table A5.1** Regression models estimating frequency of participating in each nature-based pro-biodiversity behavior (Y) from connection with nature (X) and concepts of nature (W) after mean centering connection with nature ( $n = 3012$ ).

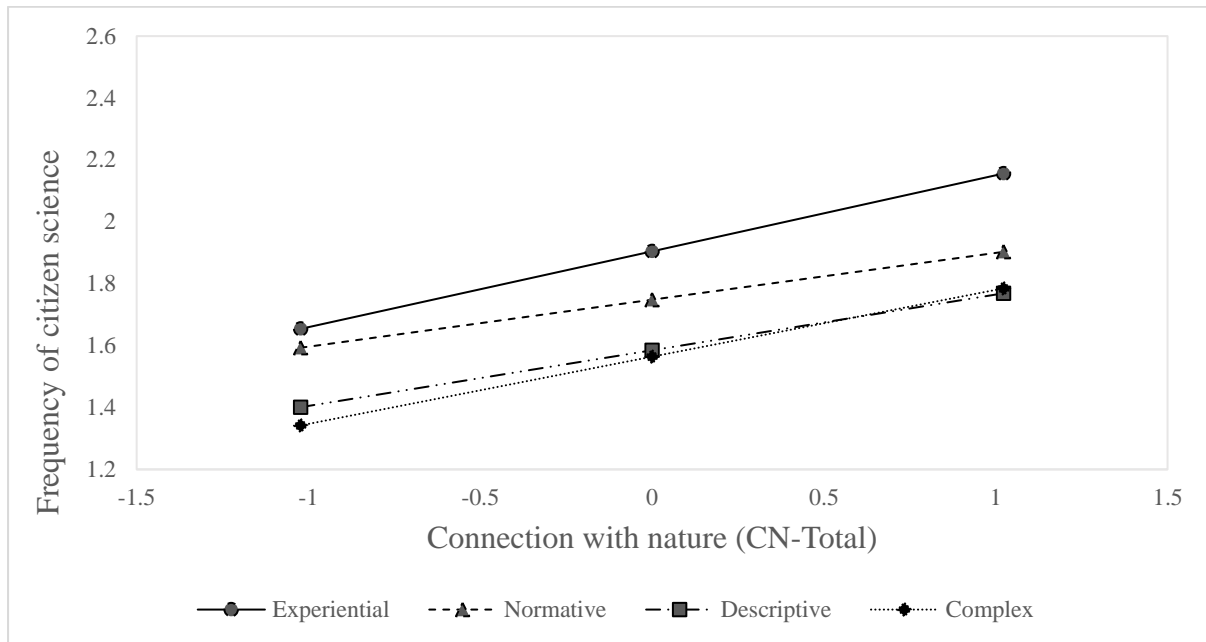
		Coefficient	SE	<i>t</i>	<i>p</i>
Environmental volunteering $R^2 = 0.080$ , $MSE = 0.922$ $F (7, 3004) = 37.088$ , $p < 0.001$	Constant	2.183	0.102	21.318	< 0.001
	CN	0.190	0.108	1.759	0.079
	W1	-0.323	0.168	-1.927	0.054
	W2	-0.390	0.104	-3.733	< 0.001
	W3	-0.454	0.110	-4.114	< 0.001
	CN x W1	0.031	0.171	0.180	0.857
	CN x W2	0.067	0.110	0.610	0.542
	CN x W3	0.116	0.117	0.997	0.319
Citizen science $R^2 = 0.047$ , $MSE = 0.887$ $F (7, 3004) = 21.027$ , $p < 0.001$	Constant	1.905	0.100	18.971	< 0.001
	CN	0.245	0.106	2.312	0.021
	W1	-0.157	0.164	-0.955	0.340
	W2	-0.320	0.102	-3.123	0.002
	W3	-0.341	0.108	-3.151	0.002
	CN x W1	-0.094	0.167	-0.559	0.576
	CN x W2	-0.065	0.108	-0.607	0.544
	CN x W3	-0.029	0.115	-0.250	0.802
Picking up litter $R^2 = 0.121$ , $MSE = 1.201$ $F (7, 3004) = 59.294$ , $p < 0.001$	Constant	3.030	0.117	25.918	< 0.001
	CN	0.058	0.123	0.471	0.638
	W1	-0.153	0.191	-0.799	0.424
	W2	-0.344	0.119	-2.884	0.004
	W3	-0.366	0.126	-2.904	0.004
	CN x W1	0.249	0.195	1.279	0.201
	CN x W2	0.325	0.125	2.589	0.010
	CN x W3	0.414	0.133	3.103	0.002
Community gardening $R^2 = 0.042$ , $MSE = 0.870$ $F (7, 3004) = 18.970$ , $p < 0.001$	Constant	2.015	0.099	20.256	< 0.001
	CN	0.115	0.105	1.097	0.273
	W1	-0.278	0.163	-1.708	0.088
	W2	-0.433	0.101	-4.270	< 0.001
	W3	-0.463	0.107	-4.313	< 0.001
	CN x W1	-0.075	0.166	-0.455	0.649
	CN x W2	0.055	0.107	0.513	0.608
	CN x W3	0.068	0.114	0.603	0.546

CN = connection with nature; SE = standard error; W1 = normative concepts of nature category; W2 = descriptive concepts of nature category; W3 = complex concepts of nature category; Reference group: experiential concepts of nature category

**Figure A5.1** Visual representation of the relationship between connection with nature (X) and frequency of participating in environmental volunteering (Y) as a function of concepts of nature ( $n = 3012$ ). The moderation effect of concepts of nature was not significant (see Table A5.1).



**Figure A5.2** Visual representation of the relationship between connection with nature (X) and frequency of participating in citizen science (Y) as a function of concepts of nature ( $n = 3012$ ). The moderation effect of concepts of nature was not significant (see Table A5.1).



**Figure A5.3** Visual representation of the relationship between connection with nature (X) and frequency of participating in community gardening (Y) as a function of concepts of nature ( $n = 3012$ ). The moderation effect of concepts of nature was not significant (see Table A5.1).

