**Appendices**

**Appendix A: Weighted and Unweighted Data**

**Weight Design**

I created gender-age weight based on the Taiwanese census data in 2016. The following crosstabs show the unweighted and weighted gender-age distribution.

|  |
| --- |
| Unweighted |
| sex | 20-29 | 30-39 | 40-49 | 50-59 | 60 or Older | Total |
|  |  |  |  |  |  |  |
| female | 5.40% | 16.00% | 12.40% | 8.60% | 2.40% | 44.80% |
| male | 5.20% | 14.60% | 16.80% | 11.20% | 7.40% | 55.20% |
|  |  |  |  |  |  |  |
| Total | 10.60% | 30.60% | 29.20% | 19.80% | 9.80% | 100.00% |

|  |
| --- |
| Weighted |
| sex | 20-29 | 30-39 | 40-49 | 50-59 | 60 or Older | Total |
|  |  |  |  |  |  |  |
| female | 8.08% | 10.10% | 10.10% | 10.10% | 13.13% | 51.51% |
| male | 9.09% | 10.10% | 10.10% | 9.09% | 10.10% | 48.48% |
|  |  |  |  |  |  |  |
| Total | 17.17% | 20.20% | 20.20% | 19.19% | 23.23% | 100.00% |

**Cultural Types Distribution**

|  |  |  |
| --- | --- | --- |
| Cultural Types | Weighted | unweighted |
| Hierarchism | 26.43% | 24% |
| Individualism | 24.86% | 24.6% |
| Egalitarianism | 19.86% | 19.8% |
| Fatalism | 28.86% | 31.6% |
| Total | 100.01 | 100 |

**Appendix B: Survey Questions**

**Measurements of Independent Variables\_Relational and Worldview Statements**

*Please rate the degree to which each of the following four groups of statements describes your outlook on life, using a scale from zero to ten, where zero means not at all and ten means completely.*

Hierarchism: I am more comfortable when I know who is, and who is not, a part of my group, and loyalty to the group is important to me. I prefer to know who is in charge and to have clear rules and procedures; those who are in charge should punish those who break the rules. I like to have my responsibilities clearly defined, and I believe people should be rewarded based on the position they hold and their competence. Most of the time, I trust those with authority and expertise to do what is right for society.

Individualism: Groups are not all that important to me. I prefer to make my own way in life without having to follow other peoples’ rules. Rewards in life should be based on initiative, skill, and hard work, even if that results in inequality. I respect people based on what they do, not the positions or titles they hold. I like relationships that are based on negotiated “give and take,” rather than on status. Everyone benefits when individuals are allowed to compete.

Egalitarianism: Much of society today is unfair and corrupt, and my most important contributions are made as a member of a group that promotes justice and equality. Within my group, everyone should play an equal role without differences in rank or authority. It is easy to lose track of what is important, so I have to keep a close eye on the actions of my group. It is not enough to provide equal opportunities; we also have to try to make outcomes more equal.

Fatalism: Life is unpredictable and I have little control. I have to live by lots of rules, but I don’t get to make them. My fate in life is determined mostly by chance. I can’t become a member of the groups that make most of the important decisions affecting me. Getting along in life is largely a matter of doing the best I can with what comes my way, so I focus on taking care of myself and the people closest to me.

**Measurements for Dependent Variables**

Please rate to what degree you trust information provided by the following four types of Environmental Nonprofit Organizations (ENPOs) using a scale from one to five, where one refers to not at all trust and five means completely trust.

* ENPOs that are associated with environmental scientists
* ENPOs that are associated with economists
* ENPOs that are associated with celebrities who promote environmental protection
* ENPOs that are associated with local residents at pollution zones.

Slide 1 through 5

 (Note: the order of these items was randomized; ENPOs were left as generic; No fabricated names were given)

**Measurement for Control Variables**

Gender

*What is Your Gender Identification?*

□ Man □ Woman □ Not specified

Age

*What is Your Current Age:*

□ 20-29 □ 30-39 □ 40-49 □ 50-59 □ 60 or older

Education Level

What is Your Highest Completed Education Level:

□ None/illiteracy □ Elementary school □ Junior high school □ Senior high school/Vocational senior high school □ Five-year junior college □ University □ Graduate school (Master’s degree) □(21) Graduate school (doctoral degree)

Income

*What is your average monthly income before taxes?*

□ less than 28,000 □28,001-39,000 □39,001-49,000 □49,001-59,000 □59,001-69,000

□ 69,001-80,000 □80,001-93,000 □ more than 93,000□ Refuse to answer

Party Affiliation

*In general, which one do you support more than the others?*

□ Kuomintang□ Democratic Progressive Party □ New Party □ People First Party

□ Taiwan Solidarity Union □ Non-partisan □ New Power Party □ Green Party Taiwan

□ Social Democratic Party □ Minkuotang □ Free Taiwan Party □ Faith And Hope League

□ MCFAP □ Trees Party □ Others\_\_\_\_\_\_\_\_\_\_\_\_ □ None

New Environmental Paradigms

*How much do you agree or disagree with each of these statements?*

1. We are approaching the limit of the number of people the Earth can support.

Agree strongly Agree Neither agree nor disagree Disagree Disagree strongly

1. Humans are seriously abusing the environment.
Agree strongly Agree Neither agree nor disagree Disagree Disagree strongly
2. The balance of nature is strong enough to cope with the impacts of modern industrial nations.

Agree strongly Agree Neither agree nor disagree Disagree Disagree strongly

1. The so-called “ecological crisis” facing humankind has been greatly exaggerated.

Agree strongly Agree Neither agree nor disagree Disagree Disagree strongly

1. Humans were meant to rule over the rest of nature.

Agree strongly Agree Neither agree nor disagree Disagree Disagree strongly

1. Humans will eventually learn enough about how nature works to be able to control it. Agree strongly Agree Neither agree nor disagree Disagree Disagree strongly
2. When humans interfere with nature it often produces disastrous consequences.

Agree strongly Agree Neither agree nor disagree Disagree Disagree strongly

(Note: The order of questions was randomized in this section)