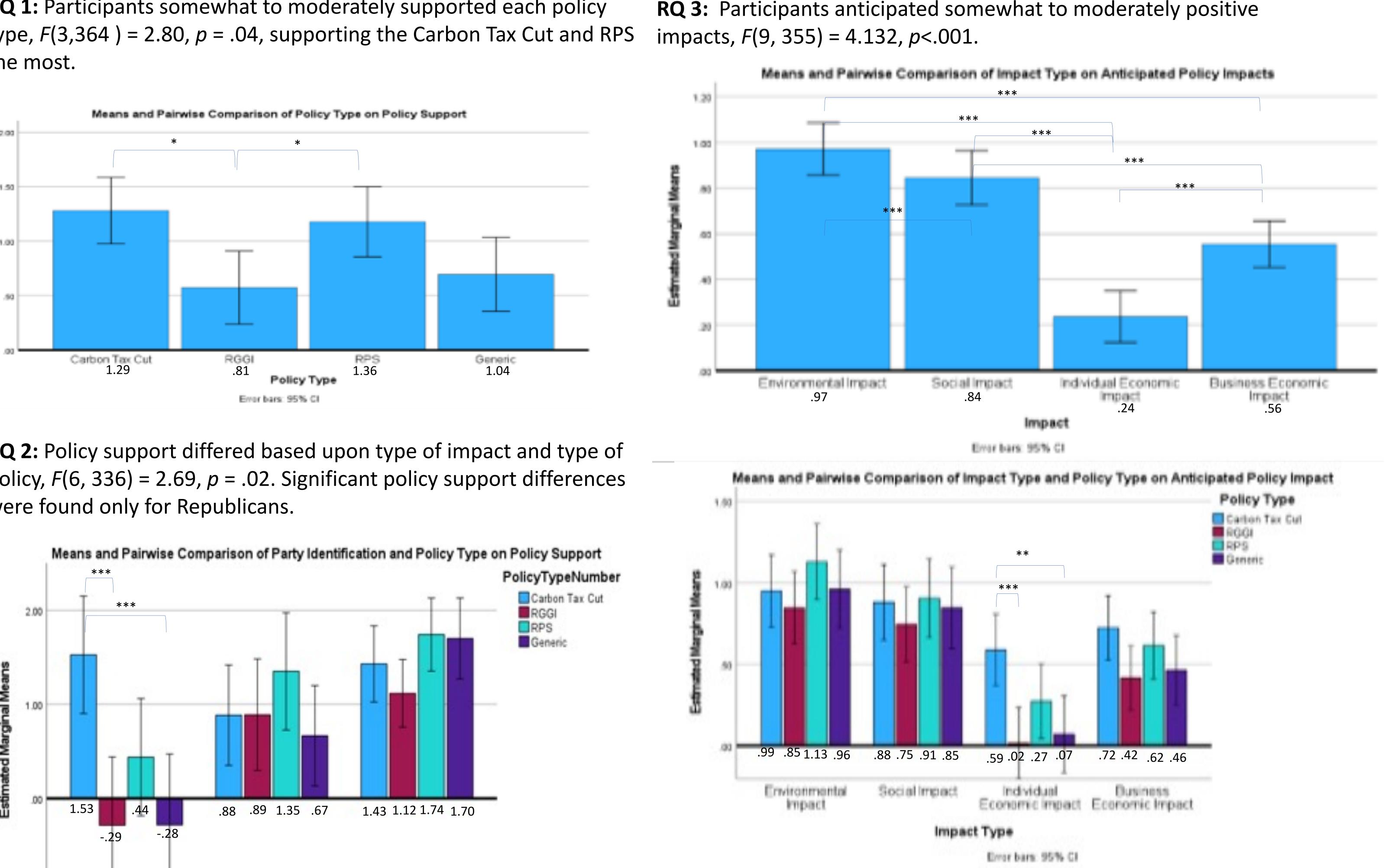
Pennsylvania Residents' Perceptions and Support for Climate Change Policies Ali Axtman, Global and International Studies and French, and Janet K. Swim, Ph.D.

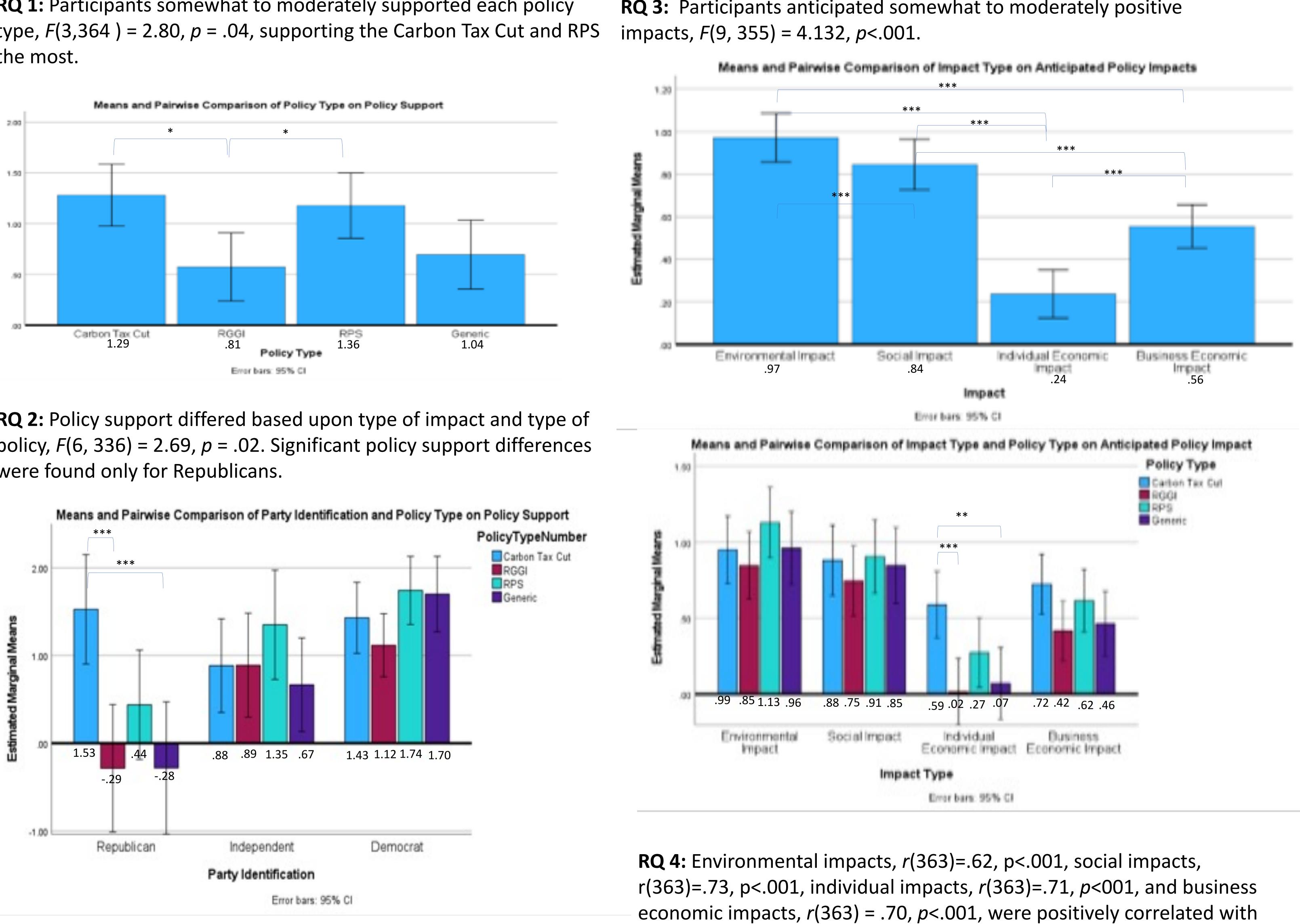
Background	
Pennsylvania ranked fourth in the United States in total carbon emissions in 2019. Policies are under consideration in the Pennsylvania State legislature. Public support for different Pennsylvania specific policies is lacking.	RC ty th
Current Research	
 We conducted a web-based survey of 464 Pennsylvania citizens. Participants were randomly assigned to read a brief description of each policy or a generic description of a policy that could be implemented in Pennsylvania. 	Estimated Marginal Means
Method	
•The present study assessed Pennsylvanians perceptions of three climate policies under consideration in Pennsylvania in terms of policy support and anticipated environmental, social, individual economic, and business economic impacts.	RC pC W
 The three policies were: 1. A change to the Gross Receipts State Tax which we called the Carbon Action Tax Cut. 	
2.The Regional Greenhouse Gas Initiative (RGGI). 3.The Renewable Portfolio Standards (RPS).	and Manuel
Research Questions	in the second
 Policy support •RQ1: Which of three policies that could be implemented in PA (the RPS, RGGI, a Carbon Tax cut) do PA residents like best? •RQ2: Does policy support vary by political party? Anticipated impacts 	Letimeter
•RQ3: What impacts do people anticipate?	
 RQ4: Are anticipated impacts related to support? 	
Hypothesis	
•We anticipated Democrats liking the policies more than Republicans but explored preferences among the policies	•D Re Im

among the policies. more positive individual economic impacts for the Carbon Tax Cut •We hypothesized that perceiving favorable policy. environmental, economic, and social impacts will •Limitation: Participants only had brief descriptions of the policies. be positively correlated with policy support.

RQ 1: Participants somewhat to moderately supported each policy



Results



Discussions and Limitations

Democrats and Independents like all the policies equally. Republicans like the Carbon Tax Cut policy the best. Anticipated Impacts are associated with support. All participants anticipated policy support.

Conclusions and Future Research

•The Carbon Tax cut policy is a good option for future climate policy in Pennsylvania because it appeals to Democrats, Republicans, and Independents.

rate one policy.

•Future research could have participants compare policies rather than