

Quantifying the socio-ecological significance of diversity ideologies:

A social network analysis framework

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Contents

Abstract (3)

Introduction (4)

- I. Literature Review
- II. Research questions and theoretical framework

Methods (10)

- I. Participants
- II. Procedure
- III. Measures and data

Results (19)

- I. Descriptive statistics
- II. Statistical analyses
 - a. Research question A: interpersonal impacts of diversity ideologies
 - b. Research question B: socio-ecological precursors to social diversity ideologies and social network characteristics
 - c. Statistical analysis recap

Discussion (36)

- I. Research question A: interpersonal impacts of diversity ideologies
- II. Research question B: socio-ecological precursors to social diversity ideologies and social network characteristics

References (39)

Appendices (42)

- I. Appendix 1: descriptive statistics
- II. Appendix 2: inferential statistics
- III. Appendix 3: codebook
- IV. Appendix 4: GitHub repository for code and data

Abstract

Objective and Methods—Using a social network analysis approach, we sought to shed light on the precursors to differing attitudes toward ethnoracial diversity, and relatedly, the relational consequences of these attitudes. The prevailing diversity attitudes include 1. multiculturalism: the belief that ethnic and cultural differences should be acknowledged and celebrated and 2. colorblindness: the belief that such differences should be ignored according to the principle that all ethnic and racial groups are ultimately the same. While substantial research points to the pros and cons of each attitude, the sociocultural predictors of each attitude and the impacts of each attitude on one's social network are unclear.

Rationale—Such unknowns are important to study because diversity attitudes and real-world network diversity both have downstream impacts on trust among minorities and non-minorities, workplace productivity, racial bias/discrimination, and more.

Results—We found that a more multicultural attitude predicts higher rates of diversity in one's social network over time, while a more colorblind attitude predicts decreased diversity. In response, we evaluated contradictory results regarding individuals' hometown high school, census tract, and county-level socio-ecological diversity. The high-school level social sphere predicted higher multiculturalism and lower colorblindness, while the census-tract level sphere predicted higher colorblindness scores in adulthood. Potential explanations for such findings are discussed in this paper.

Keywords—social network analysis, race, diversity, multiculturalism, colorblindness

Introduction

Literature Review

Both psychologists and sociologists alike continue to ponder a long-standing conceptual dispute—a discrepancy between ideological frameworks for ethnoracial-cultural equality. The debate over how we should promote equality transcends politics, policy, and academia. To enumerate the forefront competing attitudes, we can conceptualize two dichotomous ideologies.

Coveting the, “We’re not so different after all” proverb, we can strive to ignore our differences, claiming that we do not notice race and ethnicity. Similarly, can internalize the golden rule—“Treat others how you want to be treated.” This represents the colorblindness ideology: the belief that such differences should be ignored according to the principle that all ethnic and racial groups are ultimately the same.

However, a competing ideology suggests that perhaps the way you want to be treated is not the way someone else, with different cultural norms and ideals, wants to be treated. This alternative attitude represents the multiculturalism ideology: the belief that ethnic and cultural differences should be acknowledged and celebrated.

Historically, the straightforward nature of the colorblind approach to race has been the cornerstone of striving for equal rights and reducing prejudice. The American justice system has even espoused the United States constitution as a symbol of colorblindness in groundbreaking civil rights cases (Brown v. Board of Education, 1954). The argument is that explicit discrimination and prejudice can only emerge conditional upon the acknowledgement of racial distinctions; a precursor to outright racism is decisively exploiting race as a platform for judgement.

Yet, diverse advances in neuroimaging, experimental methods, and academic exploration of implicit behaviors have alluded to insidious implications of claiming not to notice ethnoracial

features during interpersonal interactions; for example, Ito and Ito and Urland (2003) showed that race is processed and encoded automatically, without conscious effort. This suggests that it's not necessarily possible to be race-blind, even if that is your deliberate motive. In fact, actively avoiding the conversational topic of race, or even the mere acknowledgement of race has been empirically associated with cognitive depletion, a mediator of the relationship between direct nonverbal interracial unfriendliness and colorblind ideologies. Non-minority members experienced discomfort when adhering to colorblindness, which damaged their interactions with non-minority members (Richeson & Shelton, 2003), partly because it limited non-minority members' abilities to suppress negative non-verbal cues while interacting face to face (Apfelbaum et. al., 2008).

Gullett and West (2016) cite the *actor-partner interdependence model* (Kenny & Kashy, 2014) to assert that colorblindness and multiculturalism differentially affect minorities versus non-minorities, which makes the topic compelling in terms of real-world applications. In their review, they conclude that multiculturalism promotes stronger relationships between minorities and non-minorities, whereas colorblindness promotes more homogenous minority-minority and non-minority-non-minority ties. These outcomes arise because of colorblindness's characteristic denial of race, ignoring of blatant racial issues, institutional racism, and white privilege. These characteristics harbor increased racial prejudice, increased racial anger, and increased racial fear (Neville et. al., 2013).

The fact that we do not have a resolute answer on how not to disadvantage minority group members proves shuddering, considering that ethnic minorities make up nearly 40% of the US population (US Census Bureau, 2016) and are predicted to outnumber Whites by mid-century (Pew Research Center, 2015).

Recent theoretical and empirical work outlines the pitfalls of promoting a color-blind-race-blind code, for it perpetuates an appearance of avoidance through negative nonverbal cues during interactions, leading to cognitive depletion (Apfelbaum, Sommers, & Norton, 2008; Norton, Sommers, Apfelbaum, Pura, & Ariely, 2006). When the majority group (historically Whites in America) downplay ethno-racial differences, valuable cultural nuances of diverse group members are suppressed, or even lost altogether. Since previous research demonstrates that humans are homophilic (prefer others similar to themselves), there is also likely an exclusionary effect of suppressing cultural differences; this, in turn may manifest in avoidance of race-based, minority-based, or other identity-oriented conversations. Relatedly, the internal model for dealing with race and ethnicity should not impair cultural proliferation or communicative exchanges of ideas. Trending research isolates a multicultural ideology as an alternative, less precarious approach (Gullett & West, 2016; Neville, Awad, Brooks, Flores, & Bluemel, 2013).

Multiculturalism refers a pluralistic ideology wherein assorted ethnoracial and cultural differences are esteemed. The multicultural, dual-identity model, in essence, contrasts the assimilationist color-blind perspective as an ideological representation for seeking intergroup unity and equality. Instead of downplaying ethnicity/race related differences, multiculturalism aims at welcoming and appreciating these differences as unique and valuable cultural nuances. Celebrating ethnic and cultural differences among communities promotes intergroup harmony (Markus et al., 2000; Plaut, 2002; Wolsko, Park, Judd, & Wittenbrink, 2000), whereas internalizing a colorblind ideology has been shown to backfire and do the opposite (Gullet & West, 2016).

Extant research has even associated Whites' embrace of multiculturalism and increased engagement and efficacy among minorities (Wolsko, Park, & Judd, 2006). The key consideration

is that acknowledging differences in identity and culture is the means through which society innovates and cultivates wholesome socialization. Cross-cultural intermingling helps support cognitive processes like creative idea generation, insight learning, and retrieval of unconventional knowledge (Leung, Maddux, Galinsky, & Chiu, 2008). If a majority group maintains the social reference point—as is the case for White Americans—then the voices of minorities whose mannerisms, preferences, or culture do not align with the majority group, may be suppressed and considered digressions from the White American norm; any divergence from the reference point may be processed as anomalous. On the other hand, by giving minority group members a voice and by promoting the inclusion of their diverse perspectives, they have more agency in a white-dominated society.

Research questions and theoretical framework

Considering all of this, the pivotal question arises: how are relationships actually affected by diversity perspectives over time, not just in the lab? Who are the persons that cultivate cultural crosstalk and why? What social or structural mechanisms nest the foundations of strong intergroup relations? Since scant research can attest to specific factors as precursors to positive interpersonal connections between ethnically and culturally diverse groups of people. This project intends to add to extant literature by linking a more multicultural perspective (as opposed to a colorblind perspective) to the formation of more heterogeneous social networks among individuals. The benefit of confirming the relationship between fostering cultural diversity and an increase in genuine increases in diversity of ties may be crucial to making societies more conscious of the need for assorted viewpoints in maintaining any type of intergroup harmony. Specifically, we not only aim to show that there is a relationship between dual-versus-single diversity ideological systems, but we intend to expose the process by which humans adopt their

stance on diversity, and how such a perspective aligns with heterogeneity of social ties across development and across time.

Since my research topic has evidence of contradictory conclusions, I need to note two viable (somewhat opposing) hypotheses. My overall research question has two phases that go hand in hand, where the ethnoracial diversity of a person's immediate social environment (independent variable) is hypothesized to have an impact on that person's diversity ideologies (multiculturalism and colorblindness; dependent variables), and also these diversity ideologies have a downstream impact on the ethnoracial diversity of the person's social network.

Increased diversity in the adolescent environment could promote a multicultural appreciation of important ethnoracial differences, and less likelihood of ignoring or downplaying these differences. As such we can hypothesize that increased ethnoracial diversity in one's developmental environment predicts increased multicultural attitudes in adulthood, while also predicting decreased colorblind attitudes. In a similar vein, we can hypothesize that a more multicultural/less colorblind attitude toward diversity has a positive effect on the diversity of one's chosen social network later in life.

On the other hand, diversity in one's adolescent socio-ecological environment could promote a colorblind perspective of cherishing similarities among neighbors, at the expense of recognizing important defining cultural differences among groups. We can hypothesize that increased ethnoracial diversity in one's developmental environment predicts increased colorblind attitudes in adulthood; though, unlike the prior hypothesis, there is little evidence that increased socio-ecological diversity would negatively predict the other class of attitudes (multicultural attitudes). In line with this thought, we can hypothesize that the downstream impact of a colorblind diversity ideology on the diversity of one's self-selected social network would be positive.

Our present idea is that attitudes toward diversity are intrinsically linked to social behaviors, and that having differing preponderances for multiculturalism and colorblindness might impact friendships and other social ties that people make. Psychologists have demonstrated that people who claim to be colorblind to race and ethnicity, are in fact not colorblind. Instead of being a product of lying, oftentimes this mismatch between conscious perception and true perception is due to the very implicit processing of ethnic or racial categorization. By scanning brain activity, Ito and Urland (2003) showed that race is processed and encoded automatically, without conscious effort. For reference, these differences are processed more automatically than are gender differences when measuring the brain's electromagnetic activity. This suggests race-blindness—or colorblindness—may not be possible, even if that is the deliberate motive and even when people don't know they're harboring various attitudes toward ethnoracial diversity. Classification is still happening on a physiological level.

Scant research exists on this topic directly, but the general notion is that people who are more multicultural in ideology should have more diverse friendships/relationships and their diverse social networks should be stronger in terms of weighted ties than the diverse relationships of more colorblind-oriented people. However, the theme of outgroup homogeneity bias may come into play to contradict this hypothesis, resulting in the reverse outcome: more diversity may impact more colorblindness, and vice versa.

Methods

I. Participants

All undergraduate and post-baccalaureate students enrolled in an introductory cultural psychology lecture course at Columbia University in Spring 2016 were given the opportunity to participate in the study. Following in-class recruitment, 148 students initially consented online to participate. Of these participants, 87.2% were present for both phases of the study during the weeks that the study was administered. Participants completed both baseline and end-of-semester measures. Data from the 129 participants who completed all parts of the study were included in the present analyses (aged 18 to 41, $M_{age} = 20$ years, $SD = 2.89$; 92 women, 32 men, 1 gender-fluid or other, 4 undisclosed; 46 White, 11 Black, 8 Latino, 43 Asian or Pacific Islander, 1 Native American or Alaska Native, 15 multiracial (two or more races). The remaining participants selected other or declined to report. For analyses with ecological variables, international students were excluded as micro-geolocation data was unavailable for collection. These 45 participants attended high school outside of the United States, while 103 attended high school within the United States.

II. Procedure

The data presented in this paper were collected as part of a larger study; relevant portions of the procedure and measures are discussed here. First, all participants completed an online start-of-semester (baseline) questionnaire assessing demographics, social networks, and their attitudes toward racial/ethnic diversity. Under the demographics umbrella, participants were asked to name their high school of attendance before college and its location: city, state, and country. Students took the baseline questionnaire during the Weeks 2-3 of the semester. During the course, students attended lectures twice a week, took two exams, and participated in group

projects with two to four other students. In the last week of the course, participants were sent an end-of-semester online questionnaire, very similar to the baseline assessment, including both social network items and ideologies toward racial/ethnic diversity. Participants completed the end-of-semester questionnaire by the end of finals period in Weeks 2-14 of the semester.

111. Measures and data

a. Survey data and network-constructed variables

Social networks (friendship, support, and academic networks).

Participants were asked to nominate students in the course whom they considered friends, study partners, and support providers. This allowed for the formation of three closed classroom networks: a friendship network, a study network, and a support network. Participants could nominate up to ten peers for each network. In addition, participants were instructed to report how close they feel to each of their nominated friends (1 = *not close at all*, 5 = *Extremely close*), how frequently they studied with each of their nominated study partners (1 = *Rarely or never*, 5 = *Almost every day*), and how likely they would be to seek support from each of their nominated support providers (1 = *Rarely or never*, 5 = *Almost every day*).

Each student responded to two rounds of the network survey: once at the beginning of the spring semester (January, 2016) and once at the end of the semester (May, 2016). We administered two items to assess students' friendship networks, consistent with the social network methods established in previously published studies (Watts and Strogatz, 1998): (1) ten free-response slots to fill the name of up to ten people in the course participants nominated as their friends, followed by (2) a name interpreter. The same survey-style was administered asking participants both to name and rate the strength of their relationships with the students in the

course for whom they turn to for general support and to name and rate the students in the course for whom participants indicated as people they study with for class, Participants answered these questions at both the beginning and end of the semester, yielding valued, directed social network data for each time-point.

Descriptive multiculturalism and colorblindness.

Students also completed the Colorblindness and Multiculturalism Scale (Morrison, Plaut, & Ybarra, 2010) measuring attitudes toward multiculturalism and colorblindness.¹ Items 1, 4, 7, and 9 (baseline: $\alpha = .70$; end-of-semester: $\alpha = .76$) were averaged for a final multiculturalism score and items 2, 3, 5, 6, and 8 (baseline: $\alpha = .76$; end-of-semester: $\alpha = .77$) were averaged for a final colorblindness score. A 9-item version of the 12-item Colorblindness and Multiculturalism Scale (Morrison et. al., 2010) was also implemented to measure openness to multiculturalism, or stronger agreement with items such as “In order to live in a cooperative society, everyone must learn the unique histories and cultural experiences of different racial and ethnic groups” (1 = *Strongly disagree*, 4 = *Strongly agree*). Higher scores on descriptive colorblindness arise from strong agreement with statement such as “Learning about the similarities between racial and ethnic groups will help us develop a more harmonious society.” The average score for descriptive multiculturalism was 3.9 (TP1) and 4.0 (TP2) and average score for descriptive colorblindness was 3.4 for time-point 1 and 3.2 for time-point 2. Relevant descriptive statistics can be found in Appendix 1: descriptive statistics.

Descriptive multiculturalism predominance.

¹ The original Colorblindness/Multiculturalism scale is 10 items but only 9 items were included due to a clerical error.

Descriptive multiculturalism predominance is measured as the results of descriptive colorblindness subtracted from descriptive multiculturalism. If the result is greater than 0, then the person is predominantly multicultural in ideology. If the result is 0 or near 0, then the respondent is relatively equal parts multicultural and colorblind. If the result is below zero, then the respondent is predominantly colorblind. The scale is continuous, so different levels of each classification illustrate the degree to which a respondent is associated with that classification.

Prescriptive multicultural and colorblindness.

These questions address prescriptive colorblindness and multiculturalism, or respondents' views of how their home university should tailor diversity policies to either be more racially blind or more multicultural. These items are designed to have the same scale as do the other diversity ideology scales. Averages and other relevant statistics can be found in the tables of Appendix 1: descriptive statistics.

Prescriptive multiculturalism predominance.

Prescriptive multiculturalism predominance is the same calculation as its descriptive counterpart, but it evaluates itself via the prescriptive ideology measures.

b. Social-ecological data.

Students provided the name, city, and state of the high school they attended. Using this information, we attained social-ecological variables related to race, income, poverty, educational, and political leaning demographics for participants' high schools, the high schools' census tracts, and the high schools' counties using a variety of datasets. The location of participants' high schools served as a proxy for their hometowns, since a large portion of high school-aged

students' daily life and social encounters are spent at school. All ecological variables were retrieved from the available years most proximal to 2010. When 2010 data was not available, I collected 2009 or 2011 data as a proxy. Relevant descriptive statistics can be found in Appendix 1: descriptive statistics.

United States Public school data.

These data were systematically text-mined from individual webpages of the National Center for Education Statistics (NCES)'s publicly-viewable website. Data were originally collected in the form of surveys, filled out by school administrators at every public high school in the US. We focus on high school data from the 2010-2011 school year. Since the first and third quartile of participants' ages were 20.0 and 2.0 respectively, we selected Census datasets that included county-level information for the years 2009 through 205, the years in which most of our participants would have been of high-school-age. These dates encapsulated the general ages through which students 20 to 21 years of age would likely have been enrolled in high school. According to the NCES, the most common age for 9th graders is 15-16 years of age and the average age of 12th graders is 17-18 years of age (NCES, 2015-16). Additionally, grades 9 through 12 are most commonly considered the range of high school years (NCES Fast Facts, 2017). Relevant variables included school location (latitude, longitude, district, county, state), grades offered at each school, school type (public, private, alternative), congressional code, Title I School Status, flags for magnet or charter school status, total number of enrolled students, enrollment counts by ethnicity and gender, count of students in school eligible for free or reduced-price lunch, number of full time teachers, student-teacher ratio, and urban-centric school locale. These data were mapped onto study participant data by high school name and county.

United States private school data.

These data were downloadable from the Private School Universe Survey (PSS)'s publicly available datasets. Each of the PSS's data files contains annual school demographic characteristics for every private school in the United States. Akin to our public high school data, we collected school information for the years 2009 through 2015, but we focused primarily on data from the year 2010.

County-level and tract-level² data.

These data were extracted online from the US Census Bureau's publicly available geolocation data, as well as through the US Census API (reference) and through various census-focused R packages (Census2000, Census2010, CensusTract2000, CensusTract2010, CensusBlk2000, CensusBlk2010). The relevant files were downloaded to capture the ethnoracial demographic information for every US county, parsed by census tract. We selected the population count (total number) and population proportion (percentage of whole population) for each ethnic group reportable in the United States. Congruent to our approach with the school-level data, we focus our analyses on Census datasets that include county-level information for the year 2010, a year in which most of our participants were of high-school-age.

For each geographic-level of high school, census tract, and county, I collected/calculated data for racial breakdown of area, percentage of resident population (student population for high school-level demographics) belonging to racial minorities, and change in proportion of population represented by racial minorities (versus whites) from 2000 to 2010 (1999/2000 –

² Census tract: an area roughly the size of a colloquial neighborhood as established by the US Census Bureau. They generally range in population from 2,500—8,000 people, depending upon the region and density of population.

2011/2012 for private schools). Median income of residents, proportion of resident families below the respective area's poverty line, resident education attainment-statistics were collected at the census tract-level and the county-level. Census tract and county-level variables were collected for the years 2000 until 2010, using the US census API to collect variables from each annual wave of the American Community Survey (ACS) and from each annual wave of the Census Summary Files I through III. At the county level, political behavior was measured through percentage of resident votes for the democratic candidate versus republican candidate out of the total votes for the 2008 US General Presidential Election.

Demographic data.

Participants reported their race, gender, age, class year, and school, among other demographic variables that were not included in this research.

Network measures and calculations

We used closed-network nomination measures to map the demographic attributes of each node in the network to their place within the network structure. Therefore, when a participant "ego" nominated someone as their friend or study partner (alter), we were able to use the demographic reports that the alter reported directly, without asking ego the race or ethnicity of their nominated alter. We used the IGraph package for R to create a network object amenable to attaching node attributes for further analysis.

Network centrality measures, tie reciprocity, and average tie weight

Part of the focus of this paper hinges upon social network centrality. Network centrality measures quantify how well-connected, important, or prominent each individual is within their

respective social network (Opsahl, Agneessens, & Skvoretz, 2010). Tie reciprocity and the average weight of ego's ties are also relevant to our research question. Relevant descriptive statistics can be found in Appendix 1: descriptive statistics.

Tie reciprocity

In this study, we collected directed network data, also known as symmetric dyadic data. In social networks, stable ties are considered to be either null (no tie between nodes at all) or reciprocated (node A nominates node B *and* node B nominates node A). Unreciprocated ties, however, are considered to be unstable and indicate unhealthy relationships (Vacuera & Kao, 2008). An example of an unreciprocated tie would be wherein node A nominates node be, but node be *does not* nominate node A; node A has an unreciprocated tie in this case.

Reciprocity is a relevant measure for the health of relationships among network actors. Having low reciprocity may mean that ego has a false perception of their relationships with others. The formula for tie reciprocity is as follows:

$$\rho \equiv \frac{\sum_{i \neq j} (a_{ij} - \bar{a})(a_{ji} - \bar{a})}{\sum_{i \neq j} (a_{ij} - \bar{a})^2}$$

Average weight of ego's ties

In this study, we collected network data that was not only symmetric and dyadic, but also weighted, containing network density. When networks are weighted, or when you have what is called a valued network, it can be more challenging to analyze network characteristics; however, tie weight can be an incredibly useful tool for operationalizing quality and depth of relationships. In our case, weighted ties were collected by having respondents rank how strong

their relationship for their alter was, in their opinion, from 1 to 5. A weight of 0 would represent the absence of a tie.

We calculated each node's average total tie weight by taking the sum of the weights attached to ties belonging to a given node—node strength. For outgoing tie weight, we found the average weight of ego's outgoing ties. In our case, tie weight operationalizes the notion of relationship depth versus shallowness. We calculated the reverse for incoming tie weight. Closeness and betweenness centrality are also derived from weighted connections among nodes. The shorthand notation for weighted means of node pairs or functions of alters is:

$$\begin{aligned}\langle g(v) \rangle_v &= \frac{1}{N} \sum_{v \in \mathcal{N}} g(v), \\ \langle g(v) \rangle_v^w &= \frac{1}{W} \sum_{v \in \mathcal{N}} w_v g(v), \\ \langle h(i, j) \rangle_{ij} &= \frac{1}{N^2} \sum_{i \in \mathcal{N}} \sum_{j \in \mathcal{N}} h(i, j), \quad \text{and} \\ \langle h(i, j) \rangle_{ij}^w &= \frac{1}{W^2} \sum_{i \in \mathcal{N}} \sum_{j \in \mathcal{N}} w_i h(i, j) w_j.\end{aligned}$$

Closeness centrality

Closeness centrality is a measure of distance between each participant and all others in the network (Kapucu, Arslan, & Collins, 2010). Effectively, closeness centrality is the inverse of the average shortest path length between the participant and all others in the network, such that higher closeness centrality indicates a lower/decreased distance from the participant to others in the network. Lower values indicate greater distance. Closeness centrality can be seen as a proxy for colloquial friendship closeness, since it is associated with strong support-like network scaffolding, and effectively trust and support at large. For the closeness centrality measure in this paper, I normalized the values by multiplying the raw values by $n - 1$, where n is the number of individuals in the network, to account for differences in network size across time-points

(Eppstein, & Wang, 2010). To clarify, mean geodesic distance (closeness centrality), or the average shortest path separating a node from each alter was calculated by the formula:

$$C(x) = \frac{1}{\sum_y d(y, x)}.$$

Eigenvector centrality

Eigenvector centrality is a measure of a node's influence in their possible network. If a node is connected to highly-connected nodes, then their eigencentrality value will be elevated. In the context of a school network, high eigencentrality could be realized if one were highly connected to the “popular” peers or those in leadership positions. While this type of centrality can imply benefits associated with power and influential prestige, it is hardly a measure of social support. Instead, network actors with high eigenvector centrality scores have a predisposition for being “cutthroat” (Blanchet & James, 2011). Eigenvector centrality (also known as Bonacich centrality), $\beta = 0.1$ was calculated as ego’s centrality weighted by the centrality of the alters to whom ego sent nominations (Bonacich 1987). Eigenvector centrality is defined by the formula:

$$x_v = \frac{1}{\lambda} \sum_{t \in M(v)} x_t = \frac{1}{\lambda} \sum_{t \in G} a_{v,t} x_t$$

Degree centrality (in-degree, out-degree, and total degree)

Degree centrality is the number of direct ties each participant has in the network (Freeman, 1979). Degree centrality is the sum of two components: out-degree, the number of peers a participant nominated as friends, plus in-degree, the number of peers who nominated the participant. I evaluated both the individual in- and out-degree scores separately in my

residualized-change regression models, as well as jointly in the form of degree centrality. The simple formula for degree centrality is as follows:

$$C_D(v) = \deg(v)$$

Degree centrality and its subcomponents quantify a sheer network size, without regard to quality or robustness of ties. In-degree and out-degree can be interesting when evaluated how much someone is liked by others, as opposed to how much a network actor believes they are connected to their peers, but degree centrality and its offspring are not worthy of representing social support in the reliably connected sense.

Out-degree and in-degree were calculated by adding up the total number of an ego's outgoing nominations (out-degree) and adding up the total number of alters who nominate ego. The in-degree centrality for an alter is the fraction of alters to which its incoming edges are connected. The out-degree centrality for an alter is the fraction of alters to which its outgoing edges are connected. Values for these measures can be normalized by dividing the maximum possible degree in a simple graph of $n-1$, where n represents the number of alters in the total graph.

While the maximum out-degree could be only ten friends, ego's in-degree had the opportunity to be much larger, as any and all alters had the opportunity to nominate any and all egos—and vice versa. The total number of nominations made by each respondent plus the total number of nominations received by each respondent made up each respondent's total degree centrality.

Betweenness Centrality

Betweenness centrality is used to measure the degree of influence over the flow of information retained by each node in an overall network graph. An individual with a high betweenness centrality score would be more prone to filling gaps or holes in the network, where information would otherwise be unable to flow. High betweenness refers to more instances wherein a node connects disparate social groups, clusters, or cliques, so that information can travel across the groups instead of solely between members of the isolated group.

The betweenness algorithm calculates the shortest (weighted) path between individual nodes inside a connected network graph. It harnesses the breadth-first search algorithm to give a score to each node, based upon the number of shortest paths passing through each alter (node). Alters inhabiting the shortest paths are allocated higher betweenness centrality scores (Anthonisse, 1971; Freeman, 1977). A constraint of the betweenness algorithm is that it assumes all inter-alter communication occurs along the shortest path at the same frequency. This often does not reflect reality (Newman, 2005).

$$C_B(v) = \sum_{s \neq v \neq t \in V} \frac{\sigma_{st}(v)}{\sigma_{st}}$$

Network diversity and homophily (sameness) measures.

Network diversity (inverse of HHI)

The crucial step in calculating the diversity of participants' network data was taking participants' degree centrality data and assessing the ethnoracial reports from each alter in their total network degree. With that, we operationalized each students' network diversity by calculating each participant's network Herfindahl–Hirschman Index (HHI). The Herfindahl-

Hirschman Index³ (Lovett, 1988) is traditionally measured as the sum of the squares of the market shares of the firms competing in a market, where the market shares are expressed as fractions of a whole. The formula for HHI is as follows:

$$H = \sum_{i=1}^N s_i^2$$

Increases in HHI indicate an increase in the concentration of one, or a few, large corporations within the industry. In the economic market paradigm, an HHI of one signifies a full monopoly. The lower the HHI score, the more equitable the distribution of smaller groups making up the whole. For the purpose of our study, HHI represents the diversity (or the opposite: homogeneity) of participants' social networks. Each student's total number of alters would constitute the total market in the industry paradigm, with each actor (alter with a tie) denoting individual market shares. After raw calculation, an HHI score of one would indicate a homogeneous network. For example, a White student with 7 White ties (irrespective of directionality) would have an HHI of one.

For the sake of clarity and interpretability, we reverse coded HHI scores so that an HHI of zero would signify a complete monopoly (complete ethnic homogeneity of ego's network) and an HHI of one would signify absolute diversity (a wide ethnic distribution of social ties within ego's network). In other words, if ego's (each participant's) network is very diverse, then ego will a high HHI based on our reverse-coded scheme. We used the same conditions to calculate and recode the ethnic diversity of participants' high schools and home county—the HHI score comprises the sum of squares the proportion of each ethnic group out of the whole population. Relevant descriptive statistics can be found in Appendix 1: descriptive statistics.

³HHI is a measure of the size of firms relative to the industry. It indicates the amount of competition among firms. HHI is equals the Simpson diversity index, (ecology diversity index), the inverse participation ratio (IPR; physics), and the effective number of parties (politics)

Homophily measures

We also calculated participants' network homophily⁴ scores (degree of similarity to ego) based on ethnicity and various other measures such as age, race, and gender. In this paper, I focus predominantly on racial homophily. Thus, a person's higher homophily score indicates an increased "sameness" as their peers. For example, if ego is a White woman and all of ego's friends are white women, then ego would have a very high score on gender homophily.

Someone's sociodemographic homophily is a good measure the narrowness of someone's social network (McPherson, Smith-Lovin, & Cook, 2001). To calculate homophily, we calculated the mean racial group match score between ego and ego's alter. If ego and their nomination had the same race, then ego received a 1 for that racial category. If they were of different race, then ego would receive a 0. The mean value after comparing ego's race with each of ego's nominations represented the participant's racial homophily score. The intergroup contact hypothesis would deem this type of homophily to be unconducive to creating a melting pot of diverse cultures and ethnicities, since contact with diverse others is necessarily scant, and a dearth of experience understanding living among varied cultures. Relevant descriptive statistics can be found in Appendix 1: descriptive statistics.

⁴ The tendency for individuals to associate and bond with similar others, as in the trope "birds of a feather flock together" (Ferguson, 2017)

Results

Descriptive statistics

Of the 160 original participants, 130 participants were included in final analyses. 93 self-reported as female and 32 self-reported as male; 5 did not report their gender. Most of our study participants were approximately 20 years old ($M = 21.2$, $SD = 4.1$). In terms of race/ethnicity, the course had a diverse span—40 white participants, 11 black, 7 latinx, 4 Middle Easterners, 22 multiracial students, 1 Native American, and the rest were unreported.

Mean descriptive multicultural ideology scores for time-point 1 and time-point 2 were 3.94 and 3.98, respectively ($SD = .71$; $SD = .62$). This represents just a slight increase in multiculturalism scores over time. Mean prescriptive multicultural ideology scores for time-point 1 and time-point 2 were 4.37 and 4.47, respectively ($SD = .71$; $SD = .62$). Like the trend for descriptive multiculturalism scores, prescriptive multiculturalism exhibits a slight increase over time. Average descriptive colorblindness scores at time-point 1 were 3.38 $SD = .75$ and 3.21 ($SD = .81$) for time-point 2. Prescriptive colorblindness averages were 2.05 for time-point 1 and 2.06 for time-point 2 ($SD = .92$; $SD = 1.02$). Descriptive colorblindness scores decreased slightly over time, while prescriptive colorblindness experienced a slight increase. All of these diversity ideology measures ranged from 1 to 5.

In terms of social network diversity, all 3 network measures saw an increase in ego network diversity over time. Mean scores hovered around .10 to .20 (10% of the potential diversity), though the academic (study-partnership) network had diversity scores were consistently higher than that of the other networks. Each network average increased quite substantially over time. Details for other network measures are provided in tables at the end of this paper.

Census tract diversity averaged about 0.35 (35% of the potential diversity) while county diversity was roughly 0.48. Mean high school diversity was the highest, with a mean of .50. These socio-ecological variables represent higher diversity than all of the participants' individual self-selected social networks.

Additional details and relevant descriptive statistics can be found in Appendix 1: descriptive statistics.

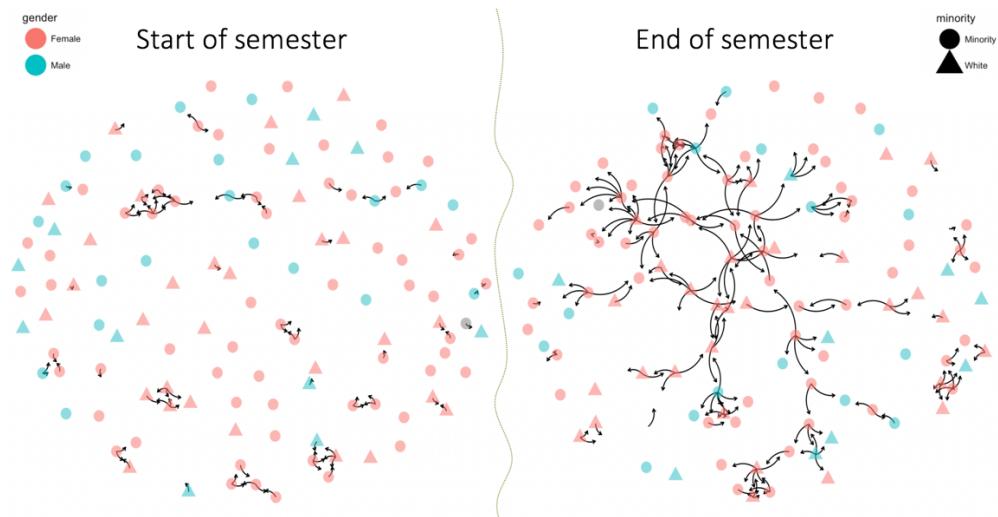


Figure: social network graph at start of semester and end of semester comparison. The network is significantly more connected at the end of the semester. This reflects the creation of new ties.

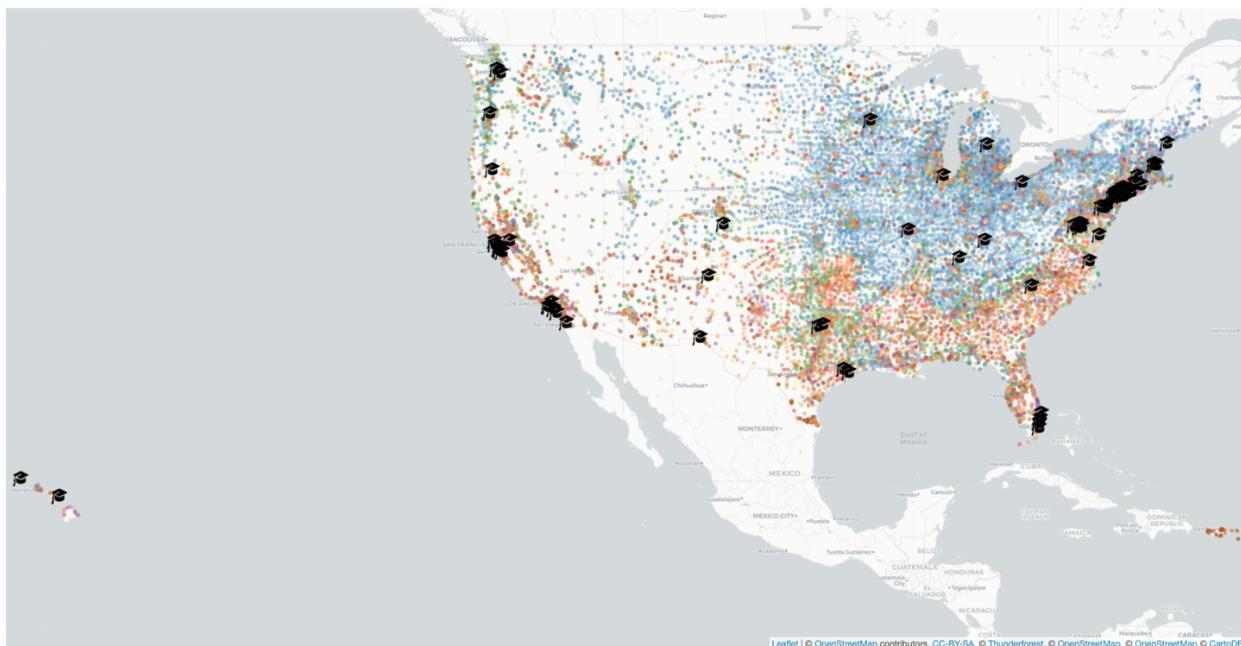


Figure: diversity rates of high schools across the country (blue is less diverse; red is more diverse) and markers for the high school locations of our study respondents

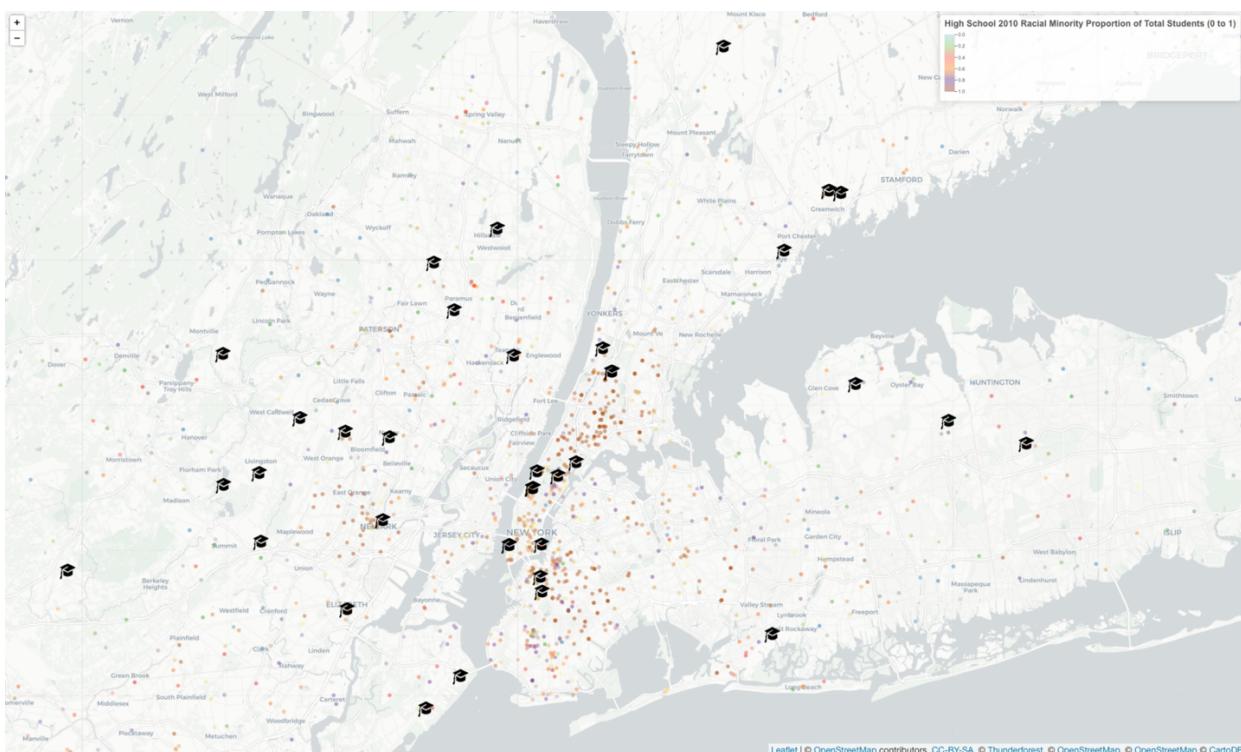


Figure: same content as the previous figure, though zoomed in to focus on the greater New York City area.

Inferential statistics: statistical analysis***Research question A: The consequences of attitudes toward diversity on characteristics of individuals' academic, friendship, and support-based social networks***

This portion of the results section is reserved for exploration into our initial research question: what are the effects of multicultural and colorblind ideologies on characteristics of individuals' social networks. For all analyses, residualized-change-based multiple regressions evaluated statistical relationships over time. In other words, time-point 1 variables were regressed upon time-point 2 variables, while always including the dependent variable's time-point 1 data as a covariate. Age and race were also always included as control variables. Reasons for selecting these controls are outlined in Appendix 2: Inferential Statistics.

Diversity Ideologies predicting centrality

Many significant relationships were found between time-point 1 diversity ideologies and time-point 2 centrality measures. The paragraphs below report the statistical relationships between network centrality/alter weight and diversity ideologies.

A. Diversity ideology variables predicting academic (study) network centrality and alter weight⁵

For the academic/study network, descriptive colorblindness had no significant relationships with the centrality measures; however, prescriptive colorblindness had negative relationships with alter weight ($p=.04$), total degree ($p=.04$), and out degree ($p=.01$) over time.

For the academic/study network, higher descriptive multiculturalism scores predicted higher total degree centrality ($p=.01$), eigenvector centrality ($p=.01$), and out-degree ($p=.01$).

⁵ Results visualized in Appendix 2 (Inferential Statistics) Table 1—Table 2

Higher descriptive multiculturalism predominance was associated with increased alter weight ($p=.01$), total degree ($p=.01$), eigenvector ($p<.001$), and out-degree centrality ($p=.01$).

Prescriptive multiculturalism and prescriptive multiculturalism predominance predicted higher closeness centrality scores over time ($p=.01$; $p=.03$).

B. Diversity ideology variables predicting friend network centrality and alter weight⁶

As descriptive colorblindness and prescriptive colorblindness increase, eigenvector centrality in the friend network decreased over time ($p=.002$). No other relationships of this category were significant.

Higher descriptive multiculturalism predicted both higher total degree centrality ($p=.032$) and higher out-degree centrality in the friend network ($p=.049$). Greater prescriptive multiculturalism scores led to increased total tie reciprocity over time on average ($p=.01$). Higher prescriptive multiculturalism predominance scores predicted statistically significantly higher eigenvector centrality scores ($p=.046$) the friend network over time.

A. Diversity ideology variables predicting support network centrality and alter weight⁷

Descriptive colorblindness—labeled simply as Colorblindness (T1) or Colorblindness (T2) in the charts—statistically significantly predicted lower closeness centrality ($p=.033$) and eigenvector centrality ($p=.01$) later in the semester. Prescriptive colorblindness only predicted significantly lower eigenvector centrality scores ($p=.043$). Results were non-significant for the other centrality measures.

Interestingly, in terms of multiculturalism, only prescriptive multiculturalism had statistically significant effects on centrality measures over time. For each unit increase in prescriptive multiculturalism scores, participants had, on average, a 0.55 unit increase in total

⁶ Results visualized in Appendix 2 (Inferential Statistics) Table 3—Table 4

⁷ Results visualized in Appendix 2 (Inferential Statistics) Table 5—Table 6

degree centrality ($p=.038$). Prescriptive multiculturalism predicted a statistically significant increase in total tie reciprocity over time ($p=.045$). A predominance of prescriptive multiculturalism over colorblindness predicted both higher alter weight scores ($p=.038$) and higher eigenvector centrality scores ($p=.045$). Results were non-significant for the other centrality and multiculturalism measures in this set of models; however, numerous marginally significant findings can be found in the associated tables in Appendix 2, such as marginally lower betweenness, closeness, and eigenvector centrality scores among colorblindness measures and marginally higher reciprocity and alter-weight scores among multiculturalism scores.

How do attitudes toward diversity affect the racial diversity of real world relationships?

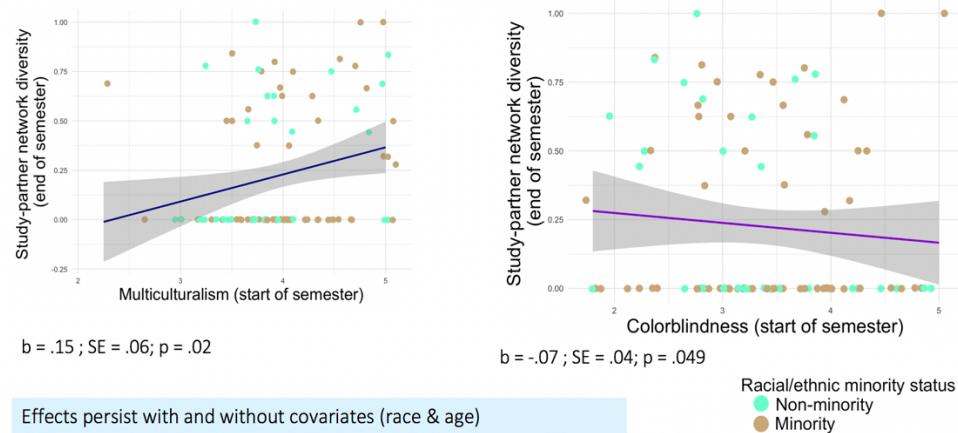


Figure: graphs depicting the relationships between descriptive multiculturalism and colorblindness with social network time-point 2 diversity)

Ideologies predicting network diversity and homophily

A. Diversity ideologies predicting academic (study) network diversity and homophily⁸

For the academic/study network, descriptive colorblindness predicted lower levels of age-oriented homophily over time ($p=.045$), but prescriptive colorblindness predicted increased racial homophily over time ($p=.048$). While the latter finding is relevant makes sense, the latter finding

⁸ Results visualized in Appendix 2 (Inferential Statistics) Table 7—Table 8

is interesting, but unrelated to the research question. The tables below contain additional regression results that are not directly relevant to this paper, so I will leave most of them unreported in this section of the paper. The impact of diversity ideologies on age-related homophily is one of these extraneous findings.

For the academic/study network, higher descriptive multiculturalism scores predicted higher rates of ethnoracial diversity in participants' networks over time ($p=.018$). No significant relationships were detected between other forms of multiculturalism and academic network diversity or homophily.

B. Diversity ideologies predicting friendship network diversity and homophily⁹

No statistically significant relationships were found between time-point 1 colorblindness measures and time-point 2 network diversity, nor for network homophily.

No statistically significant relationships were found between time-point 1 multiculturalism measures and time-point 2 network diversity, nor for network homophily

C. Diversity ideologies predicting support network diversity and homophily¹⁰

No statistically significant relationships were found between time-point 1 diversity ideology measures and time-point 2 network diversity, nor for network homophily.

Network centrality predicting diversity ideologies, network diversity, and network homophily¹¹

Tables 13-36 in Appendix 2 (Inferential Statistics) visualize regression results for the effects of social network centrality on both diversity ideologies and on social network diversity and homophily over time. Given that these relationships are not directly relevant to the research

⁹ Results visualized in Appendix 2 (Inferential Statistics) Table 9—Table 10

¹⁰ Results visualized in Appendix 2 (Inferential Statistics) Table 11—Table 12

¹¹ Results visualized in Appendix 2 (Inferential Statistics) Table 13—Table 36

question at hand, details of these regression models will not be provided in this section of the paper.

Ethnoracial ego network diversity and ego network homophily predicting diversity ideologies¹²

Tables 37-42 in Appendix 2 (Inferential Statistics) visualize regression results for the effects of ego network diversity and ego network homophily discretely on diversity ideologies (the various multiculturalism and colorblindness measures). Given that these relationships are not directly relevant to the research question at hand, details of these regression models will not be provided in this section of the paper.

Ethnoracial ego network diversity and ego network homophily predicting ego's social network centrality¹³

Tables 43-60 in Appendix 2 (Inferential Statistics) visualize regression results for the effects of ego network diversity and ego network homophily discretely on diversity ideologies (the various multiculturalism and colorblindness measures). Given that these relationships are not directly relevant to the research question at hand, details of these regression models will not be provided in this section of the paper.

¹² Results visualized in Appendix 2 (Inferential Statistics) Table 37—Table 42

¹³ Results visualized in Appendix 2 (Inferential Statistics) Table 43—Table 60

Research question B: The socio-ecological precursors to attitudes toward diversityocio-ecological precursors to attitudes toward diversity

This portion of the results section discusses the relationships between hometown socio-cultural influences and diversity ideologies. We hypothesized that certain high school, census tract, and county-level factors would influence attitudes toward multiculturalism and colorblindness. All results can be found in tables 61 through 142 in Appendix 2: Inferential Statistics. For each statistical model, we controlled for participant age and race. Our rationale for using these covariates can be found in Appendix 2 as well.

High school-level socio-ecological variables predicting individuals' attitudes toward diversity**A. High school socio-ecological demographic data predicting participants' multiculturalism attitudes¹⁴**

The racial diversity breakdown of participants' high school student body during the year 2010 (a year during which a majority of our participants attended high school) predicted statistically significantly higher participant prescriptive multiculturalism predominance in college (time-point 1; Fall 2016) by 1.33 units on average ($p=.027$).

Relatedly, increased minority representation in participants' high school student bodies during the years 2000, 2010, and 2015 all predicted a higher prescriptive multiculturalism predominance score in college ($p=.024$; $p=.023$; $p=.013$).

Interestingly, participants who attended high schools with a higher rate of students receiving partially-subsidized lunch in 2010 had significantly higher prescriptive multiculturalism scores and prescriptive multiculturalism predominance scores in college

¹⁴ Results visualized in Appendix 2 (Inferential Statistics) Table 61—Table 62

($p=.015$; $p=.024$). The subsidized lunch variable operationalizes economic insecurity within the high school community.

No high school-level statistically significantly influenced participants' descriptive multiculturalism scores.

B. High school socio-ecological demographic data predicting participants' colorblindness attitudes¹⁵

Each percent higher the proportion of females comprising student body of participants' high schools in 2010 predicted a statistically significant 1.48-unit elevation in descriptive colorblindness in college ($p=.04$). The reverse was true for the male student composition.

As the proportion of students of racial minorities increased in participants' high schools in the year 2010, on average, prescriptive colorblindness scores were lower by 1.78 units ($p=.002$).

No statistically significant relationships were found between high-school level student body racial diversity and time-point 1 college colorblindness.

High school-level socio-ecological variables predicting ego's social network characteristics in college

A. High school-level socio-ecological variables predicting ego network ethnoracial diversity in college¹⁶

Tables 65-70 in Appendix 2 (Inferential Statistics) visualize regression results for the impact of high school-level socio-ecological variables on individual's (ego's) college social network diversity. Given that these relationships are not directly relevant to the research question

¹⁵ Results visualized in Appendix 2 (Inferential Statistics) Table 63—Table 64

¹⁶ Results visualized in Appendix 2 (Inferential Statistics) Table 65—Table 70

at hand, details of these regression models will not be provided in this section of the paper.

However, these statistical results can be found in the aforementioned Appendix tables.

B. High school-level socio-ecological variables predicting ego network homophily¹⁷

Tables 71-76 in Appendix 2 (Inferential Statistics) visualize regression results for the impact of high school-level socio-ecological variables on individual's (ego's) college social network homophily across a variety of measures, including ethnoracial homophily, age/class-year homophily, gender homophily, native language homophily, assigned study-group homophily, and residence hall homophily. A high degree of non-response was detected for these homophily measures, so their reliability may be compromised. Given that these relationships are not directly relevant to the research question at hand, details of these regression models will not be provided in this section of the paper. However, these statistical results can be found in the aforementioned Appendix tables.

C. High school-level socio-ecological variables predicting ego network centrality measures in college¹⁸

Tables 77-88 in Appendix 2 (Inferential Statistics) visualize regression results for the impact of high school-level socio-ecological variables on individual's (ego's) college social network centrality. Given that these relationships are not directly relevant to the research question at hand, details of these regression models will not be provided in this section of the paper. However, these statistical results can be found in the aforementioned Appendix tables.

Census tract-level socio-ecological variables predicting individuals' attitudes toward diversity

¹⁷ Results visualized in Appendix 2 (Inferential Statistics) Table 71—Table 76

¹⁸ Results visualized in Appendix 2 (Inferential Statistics) Table 77—Table 88

A. *Census tract-level socio-ecological demographic data predicting participants' multiculturalism attitudes¹⁹*

In contrast with trends found in the analyses using high-school level data, the racial diversity breakdown of participants' school districts' census tracts during the year 2010 (a year during which a majority of our participants resided within these census tracts) predicted statistically significantly lower participant multiculturalism predominance in college (time-point 1; Fall 2016) by 0.84 units on average ($p=.034$). Additionally, a higher concentration of racial minority residents in participants' census tracts during the years 2010 and 2015 predicted lower descriptive multiculturalism predominance scores ($p=.014$; $p=.003$). Likewise, the more the minority population increased between 2010 and 2015, the lower were participants' time-point 1 college multiculturalism predominance scores ($p=.007$). A regression found a statistically significant relationship between an increase in tract minority population proportion across the years 2000 to 2010, and a decrease in descriptive multiculturalism scores in college, on average, net of all other factors.

For both the years 2000 and 2010, a higher average income in participants' census tracts had a statistically significant negative relationship with descriptive multiculturalism, such that higher average income levels predicted lower descriptive multiculturalism scores in college ($p=.045$; $p=.046$).

Somehow, both an increase in the female population and an increase in the male population in census tracts during the year 2010 discretely predicted higher descriptive multiculturalism predominance scores ($p=.011$; $p=.008$). A higher concentration of males in participants' census tracts in 2010 also predicted higher prescriptive multiculturalism scores.

¹⁹ Results visualized in Appendix 2 (Inferential Statistics) Table 89—Table 90

No high census tract-level data statistically significantly influenced participants' prescriptive multiculturalism predominance scores.

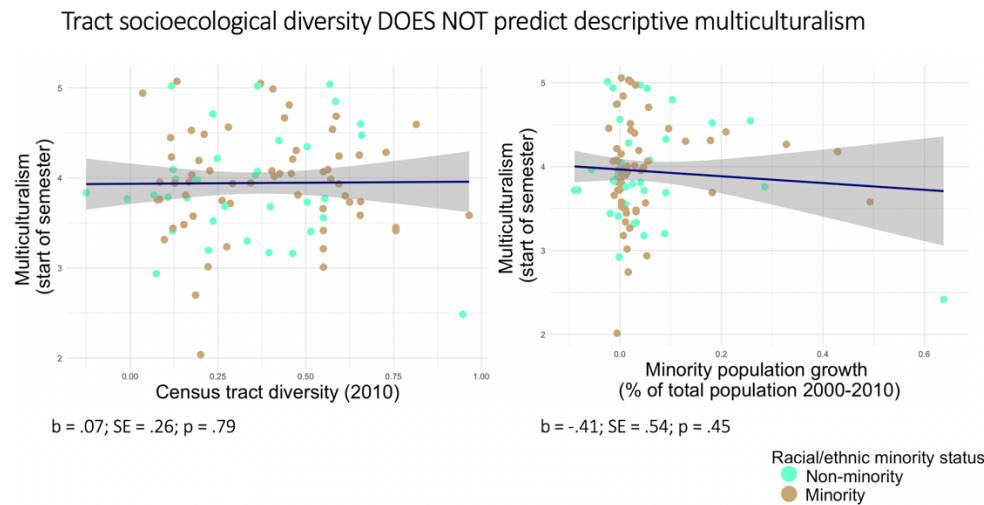


Figure: examples of tract socio-ecological variables failing to predict descriptive multiculturalism

B. Census tract-level socio-ecological demographic data predicting participants' colorblindness attitudes²⁰

Even though 2015 tract diversity predicted higher multiculturalism scores, 2015 tract diversity also had a positive relationship with descriptive colorblindness scores ($p=.01$). This same pattern for multiculturalism and colorblindness was found when predicted by 2010 average tract income. 2010 average tract income predicted not lower multiculturalism scores, but lower descriptive colorblindness as well ($p=.006$).

On the other hand, unlike its effect on multicultural ideologies, both increased female and male composition of census tracts predicted decreased descriptive colorblindness ($p=.007$; $p=.037$).

²⁰ Results visualized in Appendix 2 (Inferential Statistics) Table 91—Table 92

Strangely enough, a higher concentration of racial minority residents in participants' census tracts during the years 2010 and 2015 predicted increased colorblindness scores in college ($p=.039$; $p=.010$). Relatedly, a higher increase in a tract's minority representation across the years 2010 to 2015 led to higher descriptive colorblindness scores in college ($p=.014$).

No statistically significant relationships were found between census tract-level resident racial diversity composition and time-point 1 college prescriptive colorblindness.

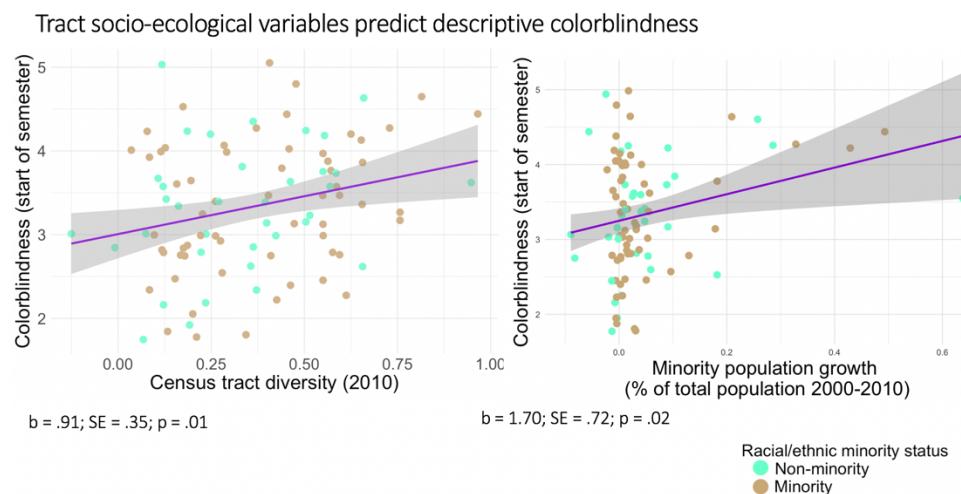


Figure: examples of tract socio-ecological variables predicting increased colorblind attitudes in college (time-point 1).

Census tract-level socio-ecological variables predicting ego's social network characteristics in college

A. Census tract-level socio-ecological variables predicting ego network ethnoracial diversity in college²¹

Tables 93-98 in Appendix 2 (Inferential Statistics) visualize regression results for the impact of tract-level socio-ecological variables on individual's (ego's) college social network diversity. Given that these relationships are not directly relevant to the research question at hand,

²¹ Results visualized in Appendix 2 (Inferential Statistics) Table 93—Table 98

details of these regression models will not be provided in this section of the paper. However, these statistical results can be found in the aforementioned Appendix tables.

B. Census tract-level socio-ecological variables predicting ego network homophily²²

Tables 99-104 in Appendix 2 (Inferential Statistics) visualize regression results for the impact of census tract-level socio-ecological variables on individual's (ego's) college social network homophily across a variety of measures, including ethnoracial homophily, age/class-year homophily, gender homophily, native language homophily, assigned study-group homophily, and residence hall homophily. A high degree of non-response was detected for these homophily measures, so their reliability may be compromised. Given that these relationships are not directly relevant to the research question at hand, details of these regression models will not be provided in this section of the paper. However, these statistical results can be found in the aforementioned Appendix tables.

C. Census tract-level socio-ecological variables predicting ego network centrality measures in college²³

Tables 105-116 in Appendix 2 (Inferential Statistics) visualize regression results for the impact of census tract-level socio-ecological variables on individual's (ego's) college social network centrality. Given that these relationships are not directly relevant to the research question at hand, details of these regression models will not be provided in this section of the paper. However, these statistical results can be found in the aforementioned Appendix tables.

County-level socio-ecological variables predicting individuals' attitudes toward diversity

²² Results visualized in Appendix 2 (Inferential Statistics) Table 99—Table 104

²³ Results visualized in Appendix 2 (Inferential Statistics) Table 105—Table 116

C. County-level socio-ecological demographic data predicting participants' multiculturalism attitudes²⁴

No statistically significant relationships between county-level socio-ecological variables and participants' multiculturalism scores on any metrics were detected.

D. County-level socio-ecological demographic data predicting participants' colorblindness attitudes²⁵

The only statistically significant relationship found regarding county-level socio-ecological variables and colorblindness scores was the inverse relationship between 2010 county-level average income of residents and descriptive colorblindness in college ($p=.03$).

County-level socio-ecological variables predicting ego's social network characteristics in college

A. County-level socio-ecological variables predicting ego network ethnoracial diversity in college²⁶

Tables 119-124 in Appendix 2 (Inferential Statistics) visualize regression results for the impact of county-level socio-ecological variables on individual's (ego's) college social network diversity. Given that these relationships are not directly relevant to the research question at hand, details of these regression models will not be provided in this section of the paper. However, these statistical results can be found in the aforementioned Appendix tables.

B. County-level socio-ecological variables predicting ego network homophily²⁷

²⁴ Results visualized in Appendix 2 (Inferential Statistics) Table 117—Table 118

²⁵ Results visualized in Appendix 2 (Inferential Statistics) Table 117—Table 118

²⁶ Results visualized in Appendix 2 (Inferential Statistics) Table 119—Table 124

²⁷ Results visualized in Appendix 2 (Inferential Statistics) Table 125—Table 130

Tables 125-130 in Appendix 2 (Inferential Statistics) visualize regression results for the impact of county-level socio-ecological variables on individual's (ego's) college social network homophily across a variety of measures, including ethnoracial homophily, age/class-year homophily, gender homophily, native language homophily, assigned study-group homophily, and residence hall homophily. A high degree of non-response was detected for these homophily measures, so their reliability may be compromised. Given that these relationships are not directly relevant to the research question at hand, details of these regression models will not be provided in this section of the paper. However, these statistical results can be found in the aforementioned Appendix tables.

C. *County-level socio-ecological variables predicting ego network centrality measures in college*²⁸

Tables 131-142 in Appendix 2 (Inferential Statistics) visualize regression results for the impact of county-level socio-ecological variables on individual's (ego's) college social network centrality. Given that these relationships are not directly relevant to the research question at hand, details of these regression models will not be provided in this section of the paper. However, these statistical results can be found in the aforementioned Appendix tables

²⁸ Results visualized in Appendix 2 (Inferential Statistics) Table 131—Table 142

Statistical analysis additional details and recap

Elucidating some evidence to answer our first research question, diversity ideologies were frequent predictors of social network attributes, including diversity, centrality, tie strength, homophily, and more. We found that higher scores in multiculturalism, and lower scores in colorblindness, predicted significantly more racially diverse social networks over time for participants' academic networks ($p < .001$; $p < .02$). This was the case for both descriptive and prescriptive multiculturalism. Results for the other networks were consistent with this pattern, but were only marginally significant or entirely non-significant. Higher multiculturalism scores predicted higher rates of reciprocity, tie strength, closeness centrality, eigenvector centrality, and depth of social media communication with ties; though, they predicted lower homophily scores. Colorblindness predicted nearly the opposite pattern—a decrease in the aforementioned centrality measures, in addition to a decrease in network total degree and out-degree. While the same pattern emerged for both descriptive and prescriptive colorblindness, almost exclusively, descriptive colorblindness scores had a statistically significant relationship with these network characteristics. Few prescriptive measures were statistically significant. Further statistical relationships are provided in the tables below.

We regressed developmental factors, such as tract and county diversity and minority population growth, upon participants' multiculturalism and colorblindness scores at the beginning of the semester to see which factors from adolescents' environments may have made some people more colorblind and some people more multicultural in their attitudes toward racial diversity. Higher levels of diversity in participants' respective hometown census tracts significantly predicted higher score in colorblindness, operationalized by the diversity ideology responses collected in the first wave of the study. Growth in minority population also predicted higher scores in colorblindness. Interestingly, none of these variables predicted multiculturalism

scores. In sum, we found evidence that multiculturalism promotes racial diversity of study partnerships/ties, while colorblindness discourages diversity of study partnerships/ties.

Additional non-ethnicity-based hometown/socioecological factors significantly influenced later diversity ideologies. Specifically, higher poverty rates, and lower socioeconomic status of households in participants' hometowns counties and census tracts positively influenced colorblind attitudes.²⁹ We found interesting results for these measures on social network characteristics as well. For example, increased poverty rates predicted significantly lower tie reciprocity of alters' social networks in college ($p=.037$). Likewise, increased student dependence on subsidized meals in participants' high schools predicted marginally increased colorblind attitudes, likely because this variable clusters in a similar essence to that of the socioeconomic variables. This was also the case for lower average household expenditures among census tracts and counties, and access to shelter and consistent meals. Higher levels of educational attainment among residents in both census tracts and counties had a statistically significant relationship with increased colorblind attitudes of participants. Few socioeconomic variables had significant relationships with participants' multicultural scores. Few politically-oriented variables offered any insights into diversity ideology scores.

²⁹ Results visualized in Appendix 2 (Inferential Statistics) Table 117—Table 142

Discussion

Research question A: the impacts of multiculturalism and colorblindness on social networks

Reasonably intuitively, having a more multicultural attitude predicts more robust and healthy social networks for individuals. Our various measures of multiculturalism were linked to increases in individuals' network centrality, in terms of quantity of ties, depth of relationships, and in terms of importance of ties over time. A more multicultural outlook forecasted higher node influence in academic networks, friendship network, and support-based networks; meaning that these individual nodes (participants) were shown to be, on average, more often connected to many nodes who are also highly important to the network. This can be interpreted as, approaching relationships with a higher appreciation for the diverse cultural perspectives of nodes' counterparts has a beneficial impact on that node's connections to influential, or useful others. This could mean a better likelihood of benefiting from study-partnerships, since more multicultural ideologies promote more influential academic ties. It could also mean more vast, and healthier relationships with more people in the network, relative to the network makeup of less multicultural others. Predominant multicultural attitudes predicted closer ties, meaning these nodes had, on average, shorter paths to all other nodes in the network; they were closer to the general population than were nodes with less multicultural attitudes. This insinuates that increased multiculturalism may foster cooperation among the whole group, instead of among disparate cliques or sectors of the group. We also found that mere volume of total and outgoing ties was positively impacted by a more multicultural approach to diversity.

Colorblindness in our study, on the other hand, suggests the opposite of multiculturalism in many ways. Unlike among multicultural nodes, we found lower closeness, eigenvector, and degree centrality scores among more multicultural nodes. Betweenness centrality was marginally lower for more colorblind ideologies, meaning colorblind individuals had a poorer influence on

the flow of information in the overall network structure. These individuals had, on average, a harder time bridging gaps, or holes in the network than did less colorblind nodes. This might indicate that colorblind folk are considered less credible by their peers, and less likely to be able to connect groups of people who otherwise would not have ties to one another. This could suggest that less colorblind individuals are better at fostering connection and discussion between people of differing viewpoints and differing social spheres.

Such findings could have consequences on cooperation among different factions of society; more betweenness centrality of people connected to differing socioeconomic social spheres, political social spheres, racial social spheres, gender social spheres, or others could have beneficial impacts on cooperation among these groups. This is extremely applicable to the political atmosphere today. There is minimal flow of information and low levels of cooperation or perspective-taking between disparate factions of society. There are too many echo chambers, but less colorblind attitudes, and more multicultural attitudes may foster communication and bridges between ties, minimizing the detriments of echo chambers.

Higher rates of network diversity were found among multicultural individuals over time in the academic (study) networks, but less-so in the other networks. While we found significant results for all of our networks, our results were especially significant in for the academic social network, more so than the other two networks: support and friendship. In some ways, this is interesting in itself. While support and friendship are very ephemeral and subjective constructs, the network of people with whom individuals study is more concrete. It better captures true behaviors, instead of perceptions. Perhaps the subjectivity of support and friendship ties in self-reports watered down the true construct we hoped to investigate. This is also a possible explanation because other non-solely-self-report dependent network measures for the support and friendship networks (like reciprocity) were statistically significantly influenced by the

diversity ideologies. Prior research tells us that embracing diversity and ethnocultural differences has more benefits than do colorblind conceptions of diversity, and our current study extends this theory to a social network setting.

Research question B: the developmental antecedents to attitudes toward diversity

More diversity among peers in nodes' high schools led to increased multiculturalism in college, and the same was true for more minority representation. Following our line of logic in research question A, this makes sense. We might be examining a feedback loop of ecological diversity influencing diversity ideologies, influencing chosen network diversity, and so on. The reverse relationship was found for measures of colorblindness, and increased homophily was more common among colorblind individuals. In a sense, colorblind nodes had more connections with people of their same "color" and fewer connections with people of other "colors," suggesting that the colorblind intentions may be backfiring.

Strangely, we detected a number of reverse results when it related to census tract diversity and minority population. Since this is a less localized social sphere than is one's high school, deep social connections between individuals is less likely to occur. Nonetheless, reverse findings compared to high school socio-ecological makeup is dubious.

Possible explanations for the curiousness of our tract-level socioecological influence findings could be that a more diverse community in youth promotes a feeling of same-ness upon dimensions potentially other than race and culture, which may overpower recognition of differences across race and culture. A more insidious explanation for these findings could be that when brought up in a diverse environment, majority group members may develop feelings of loss of majority status and may be threatened by this phenomenon, leading to more colorblind attitudes. Of course, larger sample sizes in future studies are necessary to make any conclusions

about these findings. The study design and dataset have numerous weaknesses, especially that the sample is of students in a self-selected cultural psychology course. This means that over the semester, participants were learning about diversity ideologies and ethnocultural ideas. If a control condition were available (as in a class not relevant to ethnicity and culture) then we may be able to claim that the cultural psychology class served as a treatment condition, answering questions about how education about ethnicity, culture, and diversity influence attitudes toward these topics. In future studies, we will investigate these questions, but for now, this paper offers a preliminary glimpse of the interplay between socio-ecological diversity, social network diversity, and attitudes toward diversity.

By and large, county-level socio-ecological variables had few significant impacts on diversity ideologies in adulthood. This is expected because social connections at the county-level are few and far between. More localized social spheres, like the high school community and tract-level community better capture the breadth of social ties and the characteristics of social ties.

Limitations and other considerations

One of the prevailing limitations of our study design is the paucity of a control condition. If we want to conclusively determine that the intervention effect model of the cultural psychology course rings true, then we need to include a control group. However, since the course is an academic course for graduation with open registration, there is no plausible way of randomly selecting students to be in the experimental (cultural psychology class) condition or the control (non-cultural psychology class). There are two major hazards at play here: without a control condition, we have no means of verifying whether or not the increases in multiculturalism (and the reverse for colorblindness) overtime are attributable to the cultural psychology academic—learning environment, or if these changes can be explained away by a

third variable or spurious influence. One competing explanation for these changes could be the work of social-desirability bias. Participants participated in a class centered around multiculturalism. Ethnic minority students made up a large majority proportion of the course enrollment (63.1%)

Additionally, models used are also subject to selectivity issues. As only those who attended high school in the United States are included in the analyses, the results of the model cannot be generalized to the whole population of interest—namely young adults in an academic environment.

We have not tested our models for heteroskedasticity and outliers due to the difference between ordinal logistic regression models and the OLS models, under the residualized change framework, and the time constraint of the study. If there exists heteroskedasticity, the models will output biased parameter estimates. If there are outliers in the models, their influences should be down-weighted to produce more reliable estimates. However, we have not taken this step yet.

Unquestionable, there are numerous tasks and considerations we must fulfill before claiming that we have answered our research questions responsibly. While our results are interesting and thought provoking, the small sample size and drawbacks of the study design hinder its internal validity, external validity, and especially its construct validity. Perhaps honing in on specific operationalizations of our more general variables of “diversity” and “ideology,” instead of including a broad swath of potentially useful operationalizations, would allow us to delve deeper into minute features of the research at hand. Study designs outside of a classroom network setting would also help to possibly replicate the conclusions we have drawn from our current study.

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Appendix 1

Descriptive Statistics and Variable Summaries

The tables below show the breakdown of relevant variables to our study.

The participants of our sample had a diverse ethnoracial composition. Of the participants who reported their race, 35% self-identified as Asian or Pacific Islander/Native Hawaiian, 34.1% were White/Caucasian, 12.2% were Multiracial, 8.9% were Black or African American, 5.7% were Hispanic or Latino, 4 were Middle Eastern, and 1 was Native American/Native Alaskan. In the tables below, these races are aggregated into the 7 census-relevant races. As opposed to the racial composition of the United States as a whole (76.6% white, according to the US Census Bureau), the majority of our participants were of racial minorities—65.9%. In terms of gender, the participants in the class were predominately female: 73.6% to 25.6% male. 1 participant identified as neither male nor female.

Scores for multiculturalism and colorblindness appear in the tables below. Scores for both prescriptive and descriptive multiculturalism were slightly higher, on average, than scores for prescriptive and descriptive colorblindness, respectively.

Table 1: Numerical Demographic Characteristics

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Age	125	21.02	2.90	18	20	21	41

Table 2: Categorical Demographic Characteristics

Gender	Race	Native Language	Country of Origin
Female:92	American Indian Or Alaska Native: 1	Cantonese : 1	China : 2
Male :32	Asian or Pacific Islander :43	English :111	Denmark : 1
Other : 1	Black Or African American :11	French : 1	France : 1
NA's : 4	Hispanic Or Latino : 7	Hebrew : 1	Hong Kong : 2
	Two Or More Races :15	Italian/Spanish: 1	India : 5
	White :46	Korean : 2	Israel : 1
	NA's : 6	Mandarin : 4	Jamaica : 1
		Norwegian : 1	Japan : 2
		Swedish : 1	Norway : 1
		Turkish : 2	Singapore : 2
		NA's : 4	South Korea: 2
			Spain : 1
			Sweden : 1
			Taiwan : 1
			Turkey : 2
			USA :103
			NA's : 1

Table 3: Race by Gender Cross-Tabulation

	Female	Male	Other
American Indian Or Alaska Native	1	0	0
Asian or Pacific Islander	32	11	0
Black Or African American	9	2	0
Hispanic Or Latino	6	1	0
Two Or More Races	10	5	0
White	33	13	0

Table 4: Diversity Ideologies (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Descriptive Multiculturalism (T1)	123	3.93	0.59	2.00	3.50	4.25	5.00
Descriptive Multiculturalism (T2)	109	3.97	0.63	1.00	3.50	4.25	5.00
Prescriptive Multiculturalism (T1)	111	4.36	0.72	1.00	4.00	5.00	5.00
Prescriptive Multiculturalism (T2)	107	4.47	0.62	2.00	4.00	5.00	5.00
Descriptive Multiculturalism Predominance (T1)	107	0.73	0.45	0.00	0.00	1.00	1.00
Descriptive Multiculturalism Predominance (T2)	109	3.98	0.63	1.00	3.75	4.25	5.00
Prescriptive Multiculturalism Predominance (T1)	110	2.35	1.31	-1.00	1.50	3.50	4.00
Prescriptive Multiculturalism Predominance (T2)	108	4.46	0.63	2.00	4.00	5.00	5.00
Descriptive Colorblindness (T1)	123	3.39	0.75	1.80	2.90	4.00	5.00
Descriptive Colorblindness (T2)	109	3.19	0.83	1.00	2.60	3.80	5.00
Prescriptive Colorblindness (T1)	112	2.04	0.99	1.00	1.50	2.50	5.00
Prescriptive Colorblindness (T2)	111	2.17	1.15	1.00	1.50	3.00	5.00

Table 5: Social Network Diversity (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	75	0.24	0.32	0.00	0.00	0.50	1.00
Friendship Network (T2)	93	0.36	0.32	0.00	0.00	0.64	1.00
Academic Network (T1)	114	0.10	0.25	0.00	0.00	0.00	1.00
Academic Network (T2)	105	0.23	0.33	0.00	0.00	0.50	1.00
Support Network (T1)	52	0.17	0.29	0.00	0.00	0.50	1.00
Support Network (T2)	101	0.17	0.31	0.00	0.00	0.44	1.00

Table 6: Social Network Ethnoracial Homophily (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	72	0.53	0.45	0.00	0.00	1.00	1.00
Friendship Network (T2)	83	0.31	0.34	0.00	0.00	0.50	1.00
Academic Network (T1)	43	0.43	0.45	0.00	0.00	1.00	1.00
Academic Network (T2)	58	0.46	0.42	0.00	0.00	1.00	1.00
Support Network (T1)	50	0.52	0.47	0.00	0.00	1.00	1.00
Support Network (T2)	55	0.31	0.40	0.00	0.00	0.50	1.00

Table 7: Social Network Total Degree Centrality (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	107	1.39	1.44	0.00	0.00	2.00	6.00
Friendship Network (T2)	107	3.03	2.37	0.00	1.00	4.50	9.00
Academic Network (T1)	111	1.20	0.58	0.00	1.00	1.00	4.00
Academic Network (T2)	111	2.01	1.58	1.00	1.00	3.00	7.00
Support Network (T1)	107	0.69	0.91	0.00	0.00	1.00	4.00
Support Network (T2)	111	1.52	1.01	1.00	1.00	2.00	6.00

Table 8: Social Network In-Degree Centrality (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	88	2.50	1.30	1.00	1.75	3.00	7.00
Friendship Network (T2)	87	3.05	1.78	0.00	2.00	4.00	9.00
Academic Network (T1)	140	1.79	0.96	1	1	2	5
Academic Network (T2)	140	1.74	1.20	0	1	2	5
Support Network (T1)	140	0.88	0.92	0	0	1	4
Support Network (T2)	136	2.41	1.36	1.00	1.00	3.00	8.00

Table 9: Social Network Out-Degree Centrality (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	73	3.27	1.43	2.00	2.00	4.00	10.00
Friendship Network (T2)	70	3.36	2.64	0.00	1.00	5.00	9.00
Academic Network (T1)	129	2.09	1.05	1	1	3	5
Academic Network (T2)	121	1.98	2.00	0.00	0.00	3.00	7.00
Support Network (T1)	129	1.13	1.05	0	0	2	4
Support Network (T2)	121	2.48	1.46	0.00	2.00	3.00	7.00

Table 10: Social Network Closeness Degree Centrality (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	116	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001
Friendship Network (T2)	115	0.0004	0.0001	0.0001	0.0004	0.0004	0.0005
Academic Network (T1)	116	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001
Academic Network (T2)	116	0.0001	0.0000	0.0001	0.0001	0.0001	0.0002
Support Network (T1)	116	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001
Support Network (T2)	114	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001

Table 11: Social Network Betweenness Degree Centrality (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	116	41.53	121.33	0	0	4.2	853
Friendship Network (T2)	115	244.85	392.16	0.00	0.00	347.84	2,557.21
Academic Network (T1)	116	0.46	2.03	0	0	0	16
Academic Network (T2)	116	206.40	381.23	0.00	0.00	285.22	1,722.77
Support Network (T1)	116	0.73	2.59	0	0	0	20
Support Network (T2)	114	42.43	98.66	0.00	0.00	16.00	481.33

Table 12: Social Network Eigenvector Degree Centrality (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	116	0.04	0.17	0.00	0.00	0.001	1.00
Friendship Network (T2)	115	0.07	0.19	0.00	0.001	0.03	1.00
Academic Network (T1)	116	0.04	0.17	0	0	0	1
Academic Network (T2)	116	0.05	0.18	0.00	0.0001	0.003	1.00
Support Network (T1)	116	0.03	0.17	0	0	0	1
Support Network (T2)	114	0.06	0.18	0.00	0.0002	0.01	1.00

Table 13: Social Network Total Tie Reciprocity (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	63	0.73	0.39	0.00	0.50	1.00	1.00
Friendship Network (T2)	88	0.63	0.37	0.00	0.42	1.00	1.00
Academic Network (T1)	101	0.04	0.17	0.00	0.00	0.00	1.00
Academic Network (T2)	103	0.10	0.23	0.00	0.00	0.00	1.00
Support Network (T1)	45	0.69	0.43	0.00	0.50	1.00	1.00
Support Network (T2)	96	0.06	0.19	0.00	0.00	0.00	1.00

Table 14: Social Network Average Weight of Alters (T1 and T2)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Friendship Network (T1)	107	0.43	0.48	0.00	0.00	0.65	1.80
Friendship Network (T2)	107	0.87	0.71	0.00	0.30	1.40	2.90
Academic Network (T1)	107	0.18	0.25	0.00	0.00	0.30	1.10
Academic Network (T2)	107	0.37	0.47	0.00	0.00	0.60	1.80
Support Network (T1)	107	0.25	0.36	0.00	0.00	0.40	1.80
Support Network (T2)	107	0.38	0.39	0.00	0.00	0.50	2.00

Table 15: Socio-Ecological Ethnoracial Diversity during Adolescence

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
High School	142	0.50	0.19	0.00	0.42	0.63	1.00
Census Tract	140	0.37	0.22	-0.13	0.18	0.55	0.97
County	70	0.48	0.12	0.16	0.41	0.57	0.72

Table 16: Socio-Ecological Ethnoracial Homophily during Adolescence

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
High School	112	0.50	0.20	0.00	0.42	0.62	1.00
Census Tract	111	0.39	0.25	-0.13	0.16	0.57	0.97
County	108	0.49	0.11	0.29	0.42	0.57	0.73

Table 17: Socio-Ecological Ethnoracial Minority Population during Adolescence (% Minority)

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
High School	113	0.49	0.28	0.00	0.30	0.78	1.00
Census Tract	111	0.32	0.26	-0.06	0.09	0.46	0.87
County	108	0.39	0.16	0.16	0.27	0.46	0.81

Appendix 2

Inferential statistics *Multiple regression results*

Results from our inferential statistical analyses are depicted in the tables below.

For the research question regarding the consequences of attitudes toward diversity, we used residualized-time multiple regression analysis. Fall 2016 (time-point 1) variables were regressed on Winter 2016 (time-point 2) variables, while controlling for the previous time-point.

For the research question regarding the developmental antecedents of attitudes for diversity, socio-ecological variables are operationalized as hometown high school-level, census tract-level, and county-level statistics. The socio-ecological variables were regressed upon Fall 2016 (time-point 1) social network and survey measures.

Other covariates for which we controlled include participant age and participant race as a binary variable with factor-levels of minority and non-minority (non-white and white). Participant age—which is related to class-year—is included as a covariate because it could be a confounding factor when it comes to social-network differences. Similar ages, or class-years, tend to cluster together socially. Given the research questions for this project revolved around ethnoracial characteristics, we controlled for participant race in order to reduce confounds. All regression analyses include these covariates.

TIME-POINT 1 VARIABLES PREDICTING

TIME-POINT 2 VARIABLES

Table 1: Diversity Ideology Predicting Social Network Centrality (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Colorblindness (T1)	Alter Weight Study-Network (T2)	-0.09	0.06	-1.60	108	.109
Descriptive Colorblindness (T1)	Betweenness Centrality Study-Network (T2)	-51.50	46.47	-1.10	114	.270
Descriptive Colorblindness (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-0.74	114	.463
Descriptive Colorblindness (T1)	Eigenvector Centrality Study-Network (T2)	-0.03	0.02	-1.50	114	.148
Descriptive Colorblindness (T1)	In-Degree Centrality Study-Network (T2)	-0.15	0.14	-1.00	114	.305
Descriptive Colorblindness (T1)	Out-Degree Centrality Study-Network (T2)	-0.42	0.23	-1.80	114	.068
Descriptive Colorblindness (T1)	Tie Reciprocity Study-Network (T2)	-0.02	0.03	-0.74	108	.465
Descriptive Colorblindness (T1)	Total Degree Centrality Study-Network (T2)	-0.42	0.23	-1.80	110	.076
Descriptive Colorblindness (T1)	Total Tie Reciprocity Study-Network (T2)	-0.03	0.03	-1.00	100	.308
Descriptive Multiculturalism Predominance (T1)	Alter Weight Study-Network (T2)	0.73	0.25	3.50	81	.005
Descriptive Multiculturalism Predominance (T1)	Betweenness Centrality Study-Network (T2)	-31.46	220.30	0.36	86	.544
Descriptive Multiculturalism Predominance (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	0.79	86	.435
Descriptive Multiculturalism Predominance (T1)	Eigenvector Centrality Study-Network (T2)	0.52	0.10	4.40	86	.0000000
Descriptive Multiculturalism Predominance (T1)	In-Degree Centrality Study-Network (T2)	1.31	0.70	1.80	86	.080
Descriptive Multiculturalism Predominance (T1)	Out-Degree Centrality Study-Network (T2)	2.63	1.04	3.20	86	.012
Descriptive Multiculturalism Predominance (T1)	Tie Reciprocity Study-Network (T2)	0.17	0.16	1.00	81	.313
Descriptive Multiculturalism Predominance (T1)	Total Degree Centrality Study-Network (T2)	2.89	1.04	3.40	83	.006
Descriptive Multiculturalism Predominance (T1)	Total Tie Reciprocity Study-Network (T2)	0.16	0.17	1.00	75	.319
Descriptive Multiculturalism (T1)	Alter Weight Study-Network (T2)	0.14	0.07	1.90	109	.059
Descriptive Multiculturalism (T1)	Betweenness Centrality Study-Network (T2)	-35.49	59.51	-0.60	114	.552
Descriptive Multiculturalism (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	0.66	114	.510
Descriptive Multiculturalism (T1)	Eigenvector Centrality Study-Network (T2)	0.07	0.03	2.80	114	.007
Descriptive Multiculturalism (T1)	In-Degree Centrality Study-Network (T2)	0.14	0.18	0.78	114	.439
Descriptive Multiculturalism (T1)	Out-Degree Centrality Study-Network (T2)	0.71	0.29	2.50	114	.015
Descriptive Multiculturalism (T1)	Tie Reciprocity Study-Network (T2)	0.05	0.04	1.40	109	.180
Descriptive Multiculturalism (T1)	Total Degree Centrality Study-Network (T2)	0.71	0.28	2.60	110	.014
Descriptive Multiculturalism (T1)	Total Tie Reciprocity Study-Network (T2)	0.05	0.04	1.20	101	.228
Prescriptive Colorblindness (T1)	Alter Weight Study-Network (T2)	-0.10	0.05	-2.10	109	.040
Prescriptive Colorblindness (T1)	Betweenness Centrality Study-Network (T2)	-10.82	39.85	-0.28	110	.783
Prescriptive Colorblindness (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-0.73	110	.468
Prescriptive Colorblindness (T1)	Eigenvector Centrality Study-Network (T2)	-0.02	0.02	-1.30	110	.207
Prescriptive Colorblindness (T1)	In-Degree Centrality Study-Network (T2)	0.05	0.12	0.42	110	.677
Prescriptive Colorblindness (T1)	Out-Degree Centrality Study-Network (T2)	-0.49	0.19	-2.60	110	.011
Prescriptive Colorblindness (T1)	Tie Reciprocity Study-Network (T2)	-0.01	0.02	-0.58	109	.572
Prescriptive Colorblindness (T1)	Total Degree Centrality Study-Network (T2)	-0.37	0.20	-1.90	110	.062
Prescriptive Colorblindness (T1)	Total Tie Reciprocity Study-Network (T2)	-0.02	0.03	-0.87	101	.395
Prescriptive Multiculturalism Predominance (T1)	Alter Weight Study-Network (T2)	0.07	0.04	1.80	104	.071
Prescriptive Multiculturalism Predominance (T1)	Betweenness Centrality Study-Network (T2)	-1.50	31.57	-0.05	102	.962
Prescriptive Multiculturalism Predominance (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.20	102	.031
Prescriptive Multiculturalism Predominance (T1)	Eigenvector Centrality Study-Network (T2)	0.02	0.01	1.60	102	.124
Prescriptive Multiculturalism Predominance (T1)	In-Degree Centrality Study-Network (T2)	0.00	0.10	0.04	102	.965
Prescriptive Multiculturalism Predominance (T1)	Out-Degree Centrality Study-Network (T2)	0.29	0.15	2.00	102	.051
Prescriptive Multiculturalism Predominance (T1)	Tie Reciprocity Study-Network (T2)	0.01	0.02	0.66	104	.512
Prescriptive Multiculturalism Predominance (T1)	Total Degree Centrality Study-Network (T2)	0.24	0.15	1.70	103	.105
Prescriptive Multiculturalism Predominance (T1)	Total Tie Reciprocity Study-Network (T2)	0.02	0.02	0.83	96	.411
Prescriptive Multiculturalism (T1)	Alter Weight Study-Network (T2)	0.08	0.06	1.30	108	.212
Prescriptive Multiculturalism (T1)	Betweenness Centrality Study-Network (T2)	8.40	50.80	0.16	110	.869
Prescriptive Multiculturalism (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.80	110	.006
Prescriptive Multiculturalism (T1)	Eigenvector Centrality Study-Network (T2)	0.03	0.02	1.40	110	.176
Prescriptive Multiculturalism (T1)	In-Degree Centrality Study-Network (T2)	0.16	0.15	1.00	110	.315
Prescriptive Multiculturalism (T1)	Out-Degree Centrality Study-Network (T2)	0.23	0.25	0.95	110	.343
Prescriptive Multiculturalism (T1)	Tie Reciprocity Study-Network (T2)	0.00	0.03	0.12	108	.904
Prescriptive Multiculturalism (T1)	Total Degree Centrality Study-Network (T2)	0.29	0.25	1.10	109	.257
Prescriptive Multiculturalism (T1)	Total Tie Reciprocity Study-Network (T2)	0.00	0.04	0.07	100	.939

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 2: Filtered by Significant Results ($p < .05$)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Multiculturalism Predominance (T1)	Alter Weight Study-Network (T2)	0.73	0.25	3.50	81	.005
Descriptive Multiculturalism Predominance (T1)	Eigenvector Centrality Study-Network (T2)	0.52	0.10	4.40	86	.0000000
Descriptive Multiculturalism Predominance (T1)	Out-Degree Centrality Study-Network (T2)	2.63	1.04	3.20	86	.012
Descriptive Multiculturalism Predominance (T1)	Total Degree Centrality Study-Network (T2)	2.89	1.04	3.40	83	.006
Descriptive Multiculturalism (T1)	Eigenvector Centrality Study-Network (T2)	0.07	0.03	2.80	114	.007
Descriptive Multiculturalism (T1)	Out-Degree Centrality Study-Network (T2)	0.71	0.29	2.50	114	.015
Descriptive Multiculturalism (T1)	Total Degree Centrality Study-Network (T2)	0.71	0.28	2.60	110	.014
Prescriptive Colorblindness (T1)	Alter Weight Study-Network (T2)	-0.10	0.05	-2.10	109	.040
Prescriptive Colorblindness (T1)	Out-Degree Centrality Study-Network (T2)	-0.49	0.19	-2.60	110	.011
Prescriptive Multiculturalism Predominance (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.20	102	.031
Prescriptive Multiculturalism (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.80	110	.006

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 3: Diversity Ideology Predicting Social Network Centrality (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Colorblindness (T1)	Alter Weight Friend-Network (T2)	-0.05	0.09	-0.57	108	.579
Descriptive Colorblindness (T1)	Betweenness Centrality Friend-Network (T2)	77.64	46.50	1.70	116	.098
Descriptive Colorblindness (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.73	116	.466
Descriptive Colorblindness (T1)	Eigenvector Centrality Friend-Network (T2)	-0.07	0.02	-3.10	116	.002
Descriptive Colorblindness (T1)	In-Degree Centrality Friend-Network (T2)	0.14	0.23	0.62	112	.534
Descriptive Colorblindness (T1)	Out-Degree Centrality Friend-Network (T2)	-0.17	0.30	-0.58	112	.563
Descriptive Colorblindness (T1)	Tie Reciprocity Friend-Network (T2)	-0.04	0.05	-0.93	91	.369
Descriptive Colorblindness (T1)	Total Degree Centrality Friend-Network (T2)	-0.08	0.37	-0.25	109	.807
Descriptive Colorblindness (T1)	Total Tie Reciprocity Friend-Network (T2)	-0.05	0.05	-0.98	85	.330
Descriptive Colorblindness (T1)	Alter Weight Friend-Network (T2)	0.69	0.37	2.50	81	.054
Descriptive Multiculturalism Predominance (T1)	Betweenness Centrality Friend-Network (T2)	-9.50	243.78	-0.18	87	.861
Descriptive Multiculturalism Predominance (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.66	87	.519
Descriptive Multiculturalism Predominance (T1)	Eigenvector Centrality Friend-Network (T2)	0.04	0.09	1.70	87	.499
Descriptive Multiculturalism Predominance (T1)	In-Degree Centrality Friend-Network (T2)	1.02	1.11	0.72	85	.487
Descriptive Multiculturalism Predominance (T1)	Out-Degree Centrality Friend-Network (T2)	2.02	1.42	1.80	85	.109
Descriptive Multiculturalism Predominance (T1)	Tie Reciprocity Friend-Network (T2)	0.24	0.24	0.36	68	.447
Descriptive Multiculturalism Predominance (T1)	Total Degree Centrality Friend-Network (T2)	2.56	1.71	1.90	82	.104
Descriptive Multiculturalism Predominance (T1)	Total Tie Reciprocity Friend-Network (T2)	0.21	0.25	0.32	62	.556
Descriptive Multiculturalism Predominance (T1)	Alter Weight Friend-Network (T2)	0.23	0.11	2.00	109	.053
Descriptive Multiculturalism (T1)	Betweenness Centrality Friend-Network (T2)	57.76	59.08	0.98	116	.330
Descriptive Multiculturalism (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.72	116	.476
Descriptive Multiculturalism (T1)	Eigenvector Centrality Friend-Network (T2)	0.03	0.03	1.10	116	.285
Descriptive Multiculturalism (T1)	In-Degree Centrality Friend-Network (T2)	0.01	0.30	0.02	112	.977
Descriptive Multiculturalism (T1)	Out-Degree Centrality Friend-Network (T2)	0.76	0.38	2.00	112	.049
Descriptive Multiculturalism (T1)	Tie Reciprocity Friend-Network (T2)	-0.10	0.06	-1.70	92	.101
Descriptive Multiculturalism (T1)	Total Degree Centrality Friend-Network (T2)	0.80	0.49	1.70	109	.119
Descriptive Multiculturalism (T1)	Total Tie Reciprocity Friend-Network (T2)	-0.12	0.06	-1.80	85	.075
Prescriptive Colorblindness (T1)	Alter Weight Friend-Network (T2)	-0.11	0.07	-1.50	109	.167
Prescriptive Colorblindness (T1)	Betweenness Centrality Friend-Network (T2)	-27.38	39.96	-0.68	111	.498
Prescriptive Colorblindness (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-0.66	111	.516
Prescriptive Colorblindness (T1)	Eigenvector Centrality Friend-Network (T2)	-0.04	0.02	-2.20	111	.032
Prescriptive Colorblindness (T1)	In-Degree Centrality Friend-Network (T2)	0.04	0.20	0.21	107	.835
Prescriptive Colorblindness (T1)	Out-Degree Centrality Friend-Network (T2)	-0.26	0.26	-1.00	107	.334
Prescriptive Colorblindness (T1)	Tie Reciprocity Friend-Network (T2)	0.06	0.04	1.60	92	.157
Prescriptive Colorblindness (T1)	Total Degree Centrality Friend-Network (T2)	-0.25	0.34	-0.80	107	.452
Prescriptive Colorblindness (T1)	Total Tie Reciprocity Friend-Network (T2)	0.04	0.04	0.97	85	.333
Prescriptive Multiculturalism Predominance (T1)	Alter Weight Friend-Network (T2)	0.09	0.05	1.60	104	.129
Prescriptive Multiculturalism Predominance (T1)	Betweenness Centrality Friend-Network (T2)	12.06	31.32	0.38	102	.701
Prescriptive Multiculturalism Predominance (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.57	102	.567
Prescriptive Multiculturalism Predominance (T1)	Eigenvector Centrality Friend-Network (T2)	0.03	0.02	2.00	102	.046
Prescriptive Multiculturalism Predominance (T1)	In-Degree Centrality Friend-Network (T2)	0.09	0.15	0.61	102	.545
Prescriptive Multiculturalism Predominance (T1)	Out-Degree Centrality Friend-Network (T2)	0.30	0.19	1.60	102	.114
Prescriptive Multiculturalism Predominance (T1)	Tie Reciprocity Friend-Network (T2)	0.01	0.03	0.24	88	.674
Prescriptive Multiculturalism Predominance (T1)	Total Degree Centrality Friend-Network (T2)	0.34	0.24	1.50	102	.146
Prescriptive Multiculturalism Predominance (T1)	Total Tie Reciprocity Friend-Network (T2)	0.03	0.03	0.97	83	.333
Prescriptive Multiculturalism (T1)	Alter Weight Friend-Network (T2)	0.17	0.10	1.80	108	.076
Prescriptive Multiculturalism (T1)	Betweenness Centrality Friend-Network (T2)	-5.52	50.60	-0.12	111	.762
Prescriptive Multiculturalism (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.47	111	.660
Prescriptive Multiculturalism (T1)	Eigenvector Centrality Friend-Network (T2)	0.03	0.02	1.10	111	.278
Prescriptive Multiculturalism (T1)	In-Degree Centrality Friend-Network (T2)	0.19	0.25	0.77	107	.471
Prescriptive Multiculturalism (T1)	Out-Degree Centrality Friend-Network (T2)	0.56	0.32	1.80	107	.085
Prescriptive Multiculturalism (T1)	Tie Reciprocity Friend-Network (T2)	0.10	0.05	2.00	91	.052
Prescriptive Multiculturalism (T1)	Total Degree Centrality Friend-Network (T2)	0.67	0.40	1.70	106	.099
Prescriptive Multiculturalism (T1)	Total Tie Reciprocity Friend-Network (T2)	0.14	0.05	2.70	85	.010

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 4: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Colorblindness (T1)	Eigenvector Centrality Friend-Network (T2)	-0.07	0.02	-3.10	116	.002
Descriptive Multiculturalism (T1)	Out-Degree Centrality Friend-Network (T2)	0.76	0.38	2.00	112	.049
Prescriptive Colorblindness (T1)	Eigenvector Centrality Friend-Network (T2)	-0.04	0.02	-2.20	111	.032
Prescriptive Multiculturalism Predominance (T1)	Eigenvector Centrality Friend-Network (T2)	0.03	0.02	2.00	102	.046
Prescriptive Multiculturalism (T1)	Total Tie Reciprocity Friend-Network (T2)	0.14	0.05	2.70	85	.010

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 5: Diversity Ideology Predicting Social Network Centrality (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Colorblindness (T1)	Alter Weight Support-Network (T2)	-0.02	0.05	-0.50	108	.624
Descriptive Colorblindness (T1)	Betweenness Centrality Support-Network (T2)	-1.96	12.06	-0.16	113	.871
Descriptive Colorblindness (T1)	Closeness Centrality Support-Network (T2)	-0.00	0.00	-2.20	113	.033
Descriptive Colorblindness (T1)	Eigenvector Centrality Support-Network (T2)	-0.06	0.02	-2.60	113	.010
Descriptive Colorblindness (T1)	In-Degree Centrality Support-Network (T2)	-0.24	0.15	-1.60	113	.111
Descriptive Colorblindness (T1)	Out-Degree Centrality Support-Network (T2)	-0.06	0.16	-0.35	113	.730
Descriptive Colorblindness (T1)	Tie Reciprocity Support-Network (T2)	0.00	0.02	0.04	108	.490
Descriptive Colorblindness (T1)	Total Degree Centrality Support-Network (T2)	-0.10	0.17	-0.38	110	.692
Descriptive Colorblindness (T1)	Total Tie Reciprocity Support-Network (T2)	-0.02	0.03	-0.73	92	.468
Descriptive Multiculturalism Predominance (T1)	Alter Weight Support-Network (T2)	0.35	0.22	2.00	81	.077
Descriptive Multiculturalism Predominance (T1)	Betweenness Centrality Support-Network (T2)	80.02	50.96	1.80	84	.090
Descriptive Multiculturalism Predominance (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	1.50	84	.176
Descriptive Multiculturalism Predominance (T1)	Eigenvector Centrality Support-Network (T2)	0.02	0.09	1.50	84	.432
Descriptive Multiculturalism Predominance (T1)	In-Degree Centrality Support-Network (T2)	0.99	0.70	1.40	84	.178
Descriptive Multiculturalism Predominance (T1)	Out-Degree Centrality Support-Network (T2)	0.74	0.78	1.30	84	.240
Descriptive Multiculturalism Predominance (T1)	Tie Reciprocity Support-Network (T2)	0.19	0.13	1.20	81	.316
Descriptive Multiculturalism Predominance (T1)	Total Degree Centrality Support-Network (T2)	0.95	0.79	1.70	82	.196
Descriptive Multiculturalism Predominance (T1)	Total Tie Reciprocity Support-Network (T2)	0.21	0.12	1.60	67	.109
Descriptive Multiculturalism (T1)	Alter Weight Support-Network (T2)	0.04	0.06	0.65	109	.516
Descriptive Multiculturalism (T1)	Betweenness Centrality Support-Network (T2)	4.95	15.33	0.32	113	.747
Descriptive Multiculturalism (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	0.10	113	.920
Descriptive Multiculturalism (T1)	Eigenvector Centrality Support-Network (T2)	0.02	0.03	0.67	113	.504
Descriptive Multiculturalism (T1)	In-Degree Centrality Support-Network (T2)	0.18	0.19	0.96	113	.339
Descriptive Multiculturalism (T1)	Out-Degree Centrality Support-Network (T2)	0.14	0.21	0.70	113	.488
Descriptive Multiculturalism (T1)	Tie Reciprocity Support-Network (T2)	0.05	0.03	1.60	109	.122
Descriptive Multiculturalism (T1)	Total Degree Centrality Support-Network (T2)	0.18	0.21	0.85	110	.403
Descriptive Multiculturalism (T1)	Total Tie Reciprocity Support-Network (T2)	0.05	0.03	1.60	93	.113
Prescriptive Colorblindness (T1)	Alter Weight Support-Network (T2)	-0.07	0.04	-1.90	109	.072
Prescriptive Colorblindness (T1)	Betweenness Centrality Support-Network (T2)	-7.46	10.28	-0.73	110	.469
Prescriptive Colorblindness (T1)	Closeness Centrality Support-Network (T2)	-0.00	0.00	-1.50	110	.145
Prescriptive Colorblindness (T1)	Eigenvector Centrality Support-Network (T2)	-0.04	0.02	-2.10	110	.043
Prescriptive Colorblindness (T1)	In-Degree Centrality Support-Network (T2)	-0.07	0.13	-0.56	110	.589
Prescriptive Colorblindness (T1)	Out-Degree Centrality Support-Network (T2)	-0.17	0.13	-1.30	110	.239
Prescriptive Colorblindness (T1)	Tie Reciprocity Support-Network (T2)	0.03	0.02	1.60	109	.354
Prescriptive Colorblindness (T1)	Total Degree Centrality Support-Network (T2)	-0.15	0.14	-1.00	109	.337
Prescriptive Colorblindness (T1)	Total Tie Reciprocity Support-Network (T2)	-0.02	0.02	-0.72	93	.480
Prescriptive Multiculturalism Predominance (T1)	Alter Weight Support-Network (T2)	0.06	0.03	2.20	104	.038
Prescriptive Multiculturalism Predominance (T1)	Betweenness Centrality Support-Network (T2)	8.58	7.93	1.10	102	.282
Prescriptive Multiculturalism Predominance (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	1.80	102	.070
Prescriptive Multiculturalism Predominance (T1)	Eigenvector Centrality Support-Network (T2)	0.03	0.01	2.00	102	.045
Prescriptive Multiculturalism Predominance (T1)	In-Degree Centrality Support-Network (T2)	0.13	0.10	1.40	102	.176
Prescriptive Multiculturalism Predominance (T1)	Out-Degree Centrality Support-Network (T2)	0.13	0.10	1.30	102	.203
Prescriptive Multiculturalism Predominance (T1)	Tie Reciprocity Support-Network (T2)	-0.01	0.01	-0.33	104	.184
Prescriptive Multiculturalism Predominance (T1)	Total Degree Centrality Support-Network (T2)	0.15	0.10	1.30	103	.210
Prescriptive Multiculturalism Predominance (T1)	Total Tie Reciprocity Support-Network (T2)	0.02	0.02	1.50	88	.140
Prescriptive Multiculturalism (T1)	Alter Weight Support-Network (T2)	0.10	0.05	1.90	108	.057
Prescriptive Multiculturalism (T1)	Betweenness Centrality Support-Network (T2)	7.05	13.03	0.54	110	.591
Prescriptive Multiculturalism (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	0.96	110	.342
Prescriptive Multiculturalism (T1)	Eigenvector Centrality Support-Network (T2)	0.02	0.02	1.10	110	.289
Prescriptive Multiculturalism (T1)	In-Degree Centrality Support-Network (T2)	0.30	0.16	1.90	110	.066
Prescriptive Multiculturalism (T1)	Out-Degree Centrality Support-Network (T2)	0.26	0.17	1.50	110	.127
Prescriptive Multiculturalism (T1)	Tie Reciprocity Support-Network (T2)	0.03	0.03	1.20	108	.291
Prescriptive Multiculturalism (T1)	Total Degree Centrality Support-Network (T2)	0.29	0.18	1.50	108	.166
Prescriptive Multiculturalism (T1)	Total Tie Reciprocity Support-Network (T2)	0.05	0.03	2.00	92	.045

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 6: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Colorblindness (T1)	Closeness Centrality Support-Network (T2)	-0.00	0.00	-2.20	113	.033
Descriptive Colorblindness (T1)	Eigenvector Centrality Support-Network (T2)	-0.06	0.02	-2.60	113	.010
Prescriptive Colorblindness (T1)	Eigenvector Centrality Support-Network (T2)	-0.04	0.02	-2.10	110	.043
Prescriptive Multiculturalism Predominance (T1)	Alter Weight Support-Network (T2)	0.06	0.03	2.20	104	.038
Prescriptive Multiculturalism Predominance (T1)	Eigenvector Centrality Support-Network (T2)	0.03	0.01	2.00	102	.045
Prescriptive Multiculturalism (T1)	Total Tie Reciprocity Support-Network (T2)	0.05	0.03	2.00	92	.045

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 7: Diversity Ideology Predicting Diversity-Relevant Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Colorblindness (T1)	Diversity Study-Network (T2)	-0.04	0.04	-0.88	100	.380
Descriptive Colorblindness (T1)	Homophily Age Study-Network (T2)	-0.11	0.05	-2.00	53	.045
Descriptive Colorblindness (T1)	Homophily Class-Year Study-Network (T2)	0.14	0.07	2.00	53	.056
Descriptive Colorblindness (T1)	Homophily Dorm Study-Network (T2)	0.05	0.08	0.60	36	.552
Descriptive Colorblindness (T1)	Homophily Gender Study-Network (T2)	0.02	0.06	0.38	53	.709
Descriptive Colorblindness (T1)	Homophily Group Study-Network (T2)	0.03	0.08	0.42	58	.674
Descriptive Colorblindness (T1)	Homophily Native Lang. Study-Network (T2)	-0.06	0.07	-0.87	53	.387
Descriptive Colorblindness (T1)	Homophily Race Study-Network (T2)	-0.01	0.08	-0.10	53	.923
Descriptive Colorblindness (T1)	Homophily School Study-Network (T2)	0.11	0.06	1.80	53	.076
Descriptive Multiculturalism Predominance (T1)	Diversity Study-Network (T2)	0.17	0.20	1.80	74	.295
Descriptive Multiculturalism Predominance (T1)	Homophily Age Study-Network (T2)	0.22	0.20	1.40	34	.204
Descriptive Multiculturalism Predominance (T1)	Homophily Class-Year Study-Network (T2)	-0.08	0.23	-0.43	34	.672
Descriptive Multiculturalism Predominance (T1)	Homophily Dorm Study-Network (T2)	-0.09	0.36	-0.36	21	.724
Descriptive Multiculturalism Predominance (T1)	Homophily Gender Study-Network (T2)	-0.12	0.22	-0.85	34	.439
Descriptive Multiculturalism Predominance (T1)	Homophily Group Study-Network (T2)	0.31	0.31	0.99	38	.329
Descriptive Multiculturalism Predominance (T1)	Homophily Native Lang. Study-Network (T2)	-0.08	0.25	-0.26	34	.800
Descriptive Multiculturalism Predominance (T1)	Homophily Race Study-Network (T2)	0.23	0.31	0.35	34	.631
Descriptive Multiculturalism Predominance (T1)	Homophily School Study-Network (T2)	-0.27	0.23	-2.00	34	.189
Descriptive Multiculturalism (T1)	Diversity Study-Network (T2)	0.13	0.06	2.40	100	.018
Descriptive Multiculturalism (T1)	Homophily Age Study-Network (T2)	-0.01	0.06	-0.11	53	.917
Descriptive Multiculturalism (T1)	Homophily Class-Year Study-Network (T2)	0.02	0.08	0.26	53	.795
Descriptive Multiculturalism (T1)	Homophily Dorm Study-Network (T2)	0.00	0.09	0.02	36	.987
Descriptive Multiculturalism (T1)	Homophily Gender Study-Network (T2)	-0.01	0.07	-0.10	53	.917
Descriptive Multiculturalism (T1)	Homophily Group Study-Network (T2)	0.26	0.08	3.30	58	.002
Descriptive Multiculturalism (T1)	Homophily Native Lang. Study-Network (T2)	-0.15	0.08	-2.00	53	.055
Descriptive Multiculturalism (T1)	Homophily Race Study-Network (T2)	-0.01	0.08	-0.13	53	.897
Descriptive Multiculturalism (T1)	Homophily School Study-Network (T2)	-0.10	0.07	-1.40	53	.166
Prescriptive Colorblindness (T1)	Diversity Study-Network (T2)	-0.04	0.03	-1.10	100	.282
Prescriptive Colorblindness (T1)	Homophily Age Study-Network (T2)	-0.07	0.05	-1.30	53	.190
Prescriptive Colorblindness (T1)	Homophily Class-Year Study-Network (T2)	0.07	0.07	0.97	53	.336
Prescriptive Colorblindness (T1)	Homophily Dorm Study-Network (T2)	0.01	0.07	0.08	36	.941
Prescriptive Colorblindness (T1)	Homophily Gender Study-Network (T2)	-0.00	0.05	-0.01	53	.992
Prescriptive Colorblindness (T1)	Homophily Group Study-Network (T2)	-0.05	0.07	-0.76	58	.448
Prescriptive Colorblindness (T1)	Homophily Native Lang. Study-Network (T2)	-0.04	0.06	-0.56	53	.575
Prescriptive Colorblindness (T1)	Homophily Race Study-Network (T2)	0.13	0.07	2.00	53	.048
Prescriptive Colorblindness (T1)	Homophily School Study-Network (T2)	0.05	0.06	0.89	53	.377
Prescriptive Multiculturalism Predominance (T1)	Diversity Study-Network (T2)	0.03	0.03	1.20	96	.221
Prescriptive Multiculturalism Predominance (T1)	Homophily Age Study-Network (T2)	0.06	0.03	1.70	53	.091
Prescriptive Multiculturalism Predominance (T1)	Homophily Class-Year Study-Network (T2)	-0.04	0.05	-0.82	53	.413
Prescriptive Multiculturalism Predominance (T1)	Homophily Dorm Study-Network (T2)	0.02	0.05	0.34	36	.734
Prescriptive Multiculturalism Predominance (T1)	Homophily Gender Study-Network (T2)	0.00	0.04	0.04	53	.966
Prescriptive Multiculturalism Predominance (T1)	Homophily Group Study-Network (T2)	0.03	0.05	0.76	58	.451
Prescriptive Multiculturalism Predominance (T1)	Homophily Native Lang. Study-Network (T2)	0.04	0.04	0.81	53	.420
Prescriptive Multiculturalism Predominance (T1)	Homophily Race Study-Network (T2)	-0.06	0.05	-1.20	53	.236
Prescriptive Multiculturalism Predominance (T1)	Homophily School Study-Network (T2)	-0.01	0.04	-0.26	53	.797
Prescriptive Multiculturalism (T1)	Diversity Study-Network (T2)	0.07	0.05	1.50	100	.140
Prescriptive Multiculturalism (T1)	Homophily Age Study-Network (T2)	0.07	0.06	1.30	53	.201
Prescriptive Multiculturalism (T1)	Homophily Class-Year Study-Network (T2)	-0.02	0.08	-0.26	53	.793
Prescriptive Multiculturalism (T1)	Homophily Dorm Study-Network (T2)	0.05	0.08	0.63	36	.530
Prescriptive Multiculturalism (T1)	Homophily Gender Study-Network (T2)	0.00	0.06	0.06	53	.953
Prescriptive Multiculturalism (T1)	Homophily Group Study-Network (T2)	0.03	0.08	0.41	58	.681
Prescriptive Multiculturalism (T1)	Homophily Native Lang. Study-Network (T2)	0.05	0.07	0.70	53	.490
Prescriptive Multiculturalism (T1)	Homophily Race Study-Network (T2)	0.02	0.08	0.25	53	.807
Prescriptive Multiculturalism (T1)	Homophily School Study-Network (T2)	0.04	0.06	0.57	53	.574

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 8: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Colorblindness (T1)	Homophily Age Study-Network (T2)	-0.11	0.05	-2.00	53	.045
Descriptive Multiculturalism (T1)	Diversity Study-Network (T2)	0.13	0.06	2.40	100	.018
Descriptive Multiculturalism (T1)	Homophily Group Study-Network (T2)	0.26	0.08	3.30	58	.002
Prescriptive Colorblindness (T1)	Homophily Race Study-Network (T2)	0.13	0.07	2.00	53	.048

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 9: Diversity Ideology Predicting Diversity-Relevant Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Colorblindness (T1)	Diversity Friend-Network (T2)	0.00	0.04	0.11	86	.909
Descriptive Colorblindness (T1)	Homophily Age Friend-Network (T2)	-0.01	0.05	-0.21	80	.837
Descriptive Colorblindness (T1)	Homophily Class-Year Friend-Network (T2)	-0.02	0.05	-0.49	80	.627
Descriptive Colorblindness (T1)	Homophily Dorm Friend-Network (T2)	0.02	0.05	0.35	80	.726
Descriptive Colorblindness (T1)	Homophily Gender Friend-Network (T2)	-0.04	0.05	-0.94	80	.349
Descriptive Colorblindness (T1)	Homophily Group Friend-Network (T2)	-0.05	0.04	-1.20	83	.243
Descriptive Colorblindness (T1)	Homophily Native Lang. Friend-Network (T2)	0.05	0.05	1.00	80	.297
Descriptive Colorblindness (T1)	Homophily Race Friend-Network (T2)	-0.04	0.05	-0.87	80	.387
Descriptive Colorblindness (T1)	Homophily School Friend-Network (T2)	0.06	0.05	1.20	80	.245
Descriptive Multiculturalism Predominance (T1)	Diversity Friend-Network (T2)	0.13	0.20	1.10	63	.358
Descriptive Multiculturalism Predominance (T1)	Homophily Age Friend-Network (T2)	0.17	0.23	0.78	58	.439
Descriptive Multiculturalism Predominance (T1)	Homophily Class-Year Friend-Network (T2)	0.05	0.18	0.39	58	.703
Descriptive Multiculturalism Predominance (T1)	Homophily Dorm Friend-Network (T2)	0.11	0.22	0.64	58	.533
Descriptive Multiculturalism Predominance (T1)	Homophily Gender Friend-Network (T2)	-0.20	0.21	-0.91	58	.365
Descriptive Multiculturalism Predominance (T1)	Homophily Group Friend-Network (T2)	0.28	0.19	1.80	60	.106
Descriptive Multiculturalism Predominance (T1)	Homophily Native Lang. Friend-Network (T2)	-0.02	0.23	-0.60	58	.564
Descriptive Multiculturalism Predominance (T1)	Homophily Race Friend-Network (T2)	0.27	0.21	1.00	58	.340
Descriptive Multiculturalism Predominance (T1)	Homophily School Friend-Network (T2)	-0.35	0.21	-1.40	58	.205
Descriptive Multiculturalism (T1)	Diversity Friend-Network (T2)	0.01	0.06	0.22	86	.825
Descriptive Multiculturalism (T1)	Homophily Age Friend-Network (T2)	0.05	0.07	0.68	80	.498
Descriptive Multiculturalism (T1)	Homophily Class-Year Friend-Network (T2)	-0.14	0.06	-2.30	80	.027
Descriptive Multiculturalism (T1)	Homophily Dorm Friend-Network (T2)	0.18	0.06	2.90	80	.005
Descriptive Multiculturalism (T1)	Homophily Gender Friend-Network (T2)	-0.06	0.06	-0.93	80	.358
Descriptive Multiculturalism (T1)	Homophily Group Friend-Network (T2)	0.13	0.06	2.40	83	.019
Descriptive Multiculturalism (T1)	Homophily Native Lang. Friend-Network (T2)	-0.04	0.06	-0.61	80	.545
Descriptive Multiculturalism (T1)	Homophily Race Friend-Network (T2)	-0.00	0.06	-0.02	80	.974
Descriptive Multiculturalism (T1)	Homophily School Friend-Network (T2)	-0.02	0.06	-0.38	80	.705
Prescriptive Colorblindness (T1)	Diversity Friend-Network (T2)	-0.01	0.04	-0.27	86	.791
Prescriptive Colorblindness (T1)	Homophily Age Friend-Network (T2)	-0.00	0.04	-0.05	80	.961
Prescriptive Colorblindness (T1)	Homophily Class-Year Friend-Network (T2)	0.02	0.04	0.58	80	.562
Prescriptive Colorblindness (T1)	Homophily Dorm Friend-Network (T2)	-0.06	0.04	-1.30	80	.187
Prescriptive Colorblindness (T1)	Homophily Gender Friend-Network (T2)	-0.01	0.04	-0.32	80	.748
Prescriptive Colorblindness (T1)	Homophily Group Friend-Network (T2)	-0.02	0.04	-0.43	83	.668
Prescriptive Colorblindness (T1)	Homophily Native Lang. Friend-Network (T2)	0.03	0.04	0.65	80	.516
Prescriptive Colorblindness (T1)	Homophily Race Friend-Network (T2)	0.01	0.04	0.22	80	.827
Prescriptive Colorblindness (T1)	Homophily School Friend-Network (T2)	0.05	0.04	1.10	80	.281
Prescriptive Multiculturalism Predominance (T1)	Diversity Friend-Network (T2)	-0.00	0.03	-0.03	84	.975
Prescriptive Multiculturalism Predominance (T1)	Homophily Age Friend-Network (T2)	0.01	0.03	0.39	78	.700
Prescriptive Multiculturalism Predominance (T1)	Homophily Class-Year Friend-Network (T2)	-0.02	0.03	-0.75	78	.457
Prescriptive Multiculturalism Predominance (T1)	Homophily Dorm Friend-Network (T2)	0.05	0.03	1.50	78	.138
Prescriptive Multiculturalism Predominance (T1)	Homophily Gender Friend-Network (T2)	0.01	0.03	0.18	78	.858
Prescriptive Multiculturalism Predominance (T1)	Homophily Group Friend-Network (T2)	0.00	0.03	0.12	81	.906
Prescriptive Multiculturalism Predominance (T1)	Homophily Native Lang. Friend-Network (T2)	-0.05	0.03	-1.60	78	.108
Prescriptive Multiculturalism Predominance (T1)	Homophily Race Friend-Network (T2)	-0.01	0.03	-0.17	78	.864
Prescriptive Multiculturalism Predominance (T1)	Homophily School Friend-Network (T2)	-0.05	0.03	-1.60	78	.117
Prescriptive Multiculturalism (T1)	Diversity Friend-Network (T2)	-0.02	0.05	-0.42	86	.675
Prescriptive Multiculturalism (T1)	Homophily Age Friend-Network (T2)	0.07	0.06	1.10	80	.291
Prescriptive Multiculturalism (T1)	Homophily Class-Year Friend-Network (T2)	-0.05	0.06	-0.89	80	.375
Prescriptive Multiculturalism (T1)	Homophily Dorm Friend-Network (T2)	0.09	0.06	1.40	80	.170
Prescriptive Multiculturalism (T1)	Homophily Gender Friend-Network (T2)	0.00	0.06	0.03	80	.978
Prescriptive Multiculturalism (T1)	Homophily Group Friend-Network (T2)	-0.02	0.05	-0.36	83	.719
Prescriptive Multiculturalism (T1)	Homophily Native Lang. Friend-Network (T2)	-0.12	0.06	-1.90	80	.058
Prescriptive Multiculturalism (T1)	Homophily Race Friend-Network (T2)	0.01	0.06	0.23	80	.820
Prescriptive Multiculturalism (T1)	Homophily School Friend-Network (T2)	-0.05	0.06	-0.85	80	.399

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 10: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Multiculturalism (T1)	Homophily Class-Year Friend-Network (T2)	-0.14	0.06	-2.30	80	.027
Descriptive Multiculturalism (T1)	Homophily Dorm Friend-Network (T2)	0.18	0.06	2.90	80	.005
Descriptive Multiculturalism (T1)	Homophily Group Friend-Network (T2)	0.13	0.06	2.40	83	.019

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 11: Diversity Ideology Predicting Diversity-Relevant Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Colorblindness (T1)	Diversity Support-Network (T2)	0.02	0.04	0.45	95	.652
Descriptive Colorblindness (T1)	Homophily Age Support-Network (T2)	0.06	0.07	0.91	53	.367
Descriptive Colorblindness (T1)	Homophily Class-Year Support-Network (T2)	-0.04	0.08	-0.51	53	.612
Descriptive Colorblindness (T1)	Homophily Dorm Support-Network (T2)	0.02	0.07	0.21	53	.831
Descriptive Colorblindness (T1)	Homophily Gender Support-Network (T2)	-0.04	0.06	-0.66	53	.514
Descriptive Colorblindness (T1)	Homophily Group Support-Network (T2)	-0.00	0.05	-0.08	58	.935
Descriptive Colorblindness (T1)	Homophily Native Lang. Support-Network (T2)	-0.00	0.07	-0.06	53	.956
Descriptive Colorblindness (T1)	Homophily Race Support-Network (T2)	0.05	0.07	0.73	53	.471
Descriptive Colorblindness (T1)	Homophily School Support-Network (T2)	0.14	0.08	1.80	53	.074
Descriptive Multiculturalism Predominance (T1)	Diversity Support-Network (T2)	-0.03	0.18	0.42	70	.463
Descriptive Multiculturalism Predominance (T1)	Homophily Age Support-Network (T2)	0.07	0.28	-0.28	34	.498
Descriptive Multiculturalism Predominance (T1)	Homophily Class-Year Support-Network (T2)	0.00	0.26	0.04	34	.961
Descriptive Multiculturalism Predominance (T1)	Homophily Dorm Support-Network (T2)	-0.01	0.22	0.46	34	.490
Descriptive Multiculturalism Predominance (T1)	Homophily Gender Support-Network (T2)	-0.29	0.27	-1.20	34	.252
Descriptive Multiculturalism Predominance (T1)	Homophily Group Support-Network (T2)	-0.05	0.18	-0.04	38	.750
Descriptive Multiculturalism Predominance (T1)	Homophily Native Lang. Support-Network (T2)	0.31	0.31	0.66	34	.562
Descriptive Multiculturalism Predominance (T1)	Homophily Race Support-Network (T2)	-0.28	0.27	-0.96	34	.349
Descriptive Multiculturalism Predominance (T1)	Homophily School Support-Network (T2)	-0.48	0.28	-1.30	34	.277
Descriptive Multiculturalism (T1)	Diversity Support-Network (T2)	-0.09	0.05	-1.80	95	.083
Descriptive Multiculturalism (T1)	Homophily Age Support-Network (T2)	0.07	0.09	0.77	53	.442
Descriptive Multiculturalism (T1)	Homophily Class-Year Support-Network (T2)	-0.10	0.09	-1.00	53	.311
Descriptive Multiculturalism (T1)	Homophily Dorm Support-Network (T2)	0.23	0.09	2.60	53	.011
Descriptive Multiculturalism (T1)	Homophily Gender Support-Network (T2)	-0.11	0.08	-1.40	53	.160
Descriptive Multiculturalism (T1)	Homophily Group Support-Network (T2)	0.09	0.07	1.30	58	.211
Descriptive Multiculturalism (T1)	Homophily Native Lang. Support-Network (T2)	0.03	0.09	0.27	53	.789
Descriptive Multiculturalism (T1)	Homophily Race Support-Network (T2)	-0.02	0.09	-0.16	53	.871
Descriptive Multiculturalism (T1)	Homophily School Support-Network (T2)	0.08	0.10	0.79	53	.431
Prescriptive Colorblindness (T1)	Diversity Support-Network (T2)	-0.02	0.03	-0.58	95	.566
Prescriptive Colorblindness (T1)	Homophily Age Support-Network (T2)	-0.06	0.06	-1.10	53	.286
Prescriptive Colorblindness (T1)	Homophily Class-Year Support-Network (T2)	0.06	0.06	0.95	53	.345
Prescriptive Colorblindness (T1)	Homophily Dorm Support-Network (T2)	-0.10	0.06	-1.60	53	.107
Prescriptive Colorblindness (T1)	Homophily Gender Support-Network (T2)	0.05	0.05	1.00	53	.309
Prescriptive Colorblindness (T1)	Homophily Group Support-Network (T2)	-0.03	0.05	-0.63	58	.530
Prescriptive Colorblindness (T1)	Homophily Native Lang. Support-Network (T2)	-0.08	0.06	-1.30	53	.197
Prescriptive Colorblindness (T1)	Homophily Race Support-Network (T2)	-0.00	0.06	-0.04	53	.967
Prescriptive Colorblindness (T1)	Homophily School Support-Network (T2)	0.03	0.07	0.49	53	.626
Prescriptive Multiculturalism Predominance (T1)	Diversity Support-Network (T2)	0.02	0.02	0.63	92	.531
Prescriptive Multiculturalism Predominance (T1)	Homophily Age Support-Network (T2)	0.04	0.05	0.84	51	.403
Prescriptive Multiculturalism Predominance (T1)	Homophily Class-Year Support-Network (T2)	-0.02	0.05	-0.33	51	.742
Prescriptive Multiculturalism Predominance (T1)	Homophily Dorm Support-Network (T2)	0.05	0.04	1.20	51	.223
Prescriptive Multiculturalism Predominance (T1)	Homophily Gender Support-Network (T2)	-0.02	0.04	-0.48	51	.634
Prescriptive Multiculturalism Predominance (T1)	Homophily Group Support-Network (T2)	0.01	0.03	0.38	56	.704
Prescriptive Multiculturalism Predominance (T1)	Homophily Native Lang. Support-Network (T2)	0.03	0.05	0.55	51	.588
Prescriptive Multiculturalism Predominance (T1)	Homophily Race Support-Network (T2)	-0.04	0.05	-0.71	51	.480
Prescriptive Multiculturalism Predominance (T1)	Homophily School Support-Network (T2)	0.00	0.05	0.04	51	.965
Prescriptive Multiculturalism (T1)	Diversity Support-Network (T2)	0.02	0.04	0.41	95	.685
Prescriptive Multiculturalism (T1)	Homophily Age Support-Network (T2)	0.09	0.10	0.88	53	.380
Prescriptive Multiculturalism (T1)	Homophily Class-Year Support-Network (T2)	0.06	0.10	0.58	53	.561
Prescriptive Multiculturalism (T1)	Homophily Dorm Support-Network (T2)	0.14	0.10	1.40	53	.177
Prescriptive Multiculturalism (T1)	Homophily Gender Support-Network (T2)	0.04	0.09	0.44	53	.661
Prescriptive Multiculturalism (T1)	Homophily Group Support-Network (T2)	-0.09	0.08	-1.20	58	.251
Prescriptive Multiculturalism (T1)	Homophily Native Lang. Support-Network (T2)	-0.00	0.10	-0.04	53	.967
Prescriptive Multiculturalism (T1)	Homophily Race Support-Network (T2)	-0.11	0.10	-1.00	53	.300
Prescriptive Multiculturalism (T1)	Homophily School Support-Network (T2)	0.22	0.11	2.10	53	.044

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 12: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Descriptive Multiculturalism (T1)	Homophily Dorm Support-Network (T2)	0.23	0.09	2.60	53	.011
Prescriptive Multiculturalism (T1)	Homophily School Support-Network (T2)	0.22	0.11	2.10	53	.044

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 13: Network Centrality Predicting Diversity Ideology Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Study-Network (T1)	Descriptive Colorblindness (T2)	-0.54	0.32	-1.70	106	.089
Alter Weight Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.80	0.29	2.80	106	.006
Alter Weight Study-Network (T1)	Descriptive Multiculturalism (T2)	0.03	0.26	0.11	108	.532
Alter Weight Study-Network (T1)	Prescriptive Colorblindness (T2)	-0.91	0.41	-2.20	108	.072
Alter Weight Study-Network (T1)	Prescriptive Multiculturalism (T2)	-0.01	0.24	-0.03	105	.978
Betweenness Centrality Study-Network (T1)	Descriptive Colorblindness (T2)	-0.04	0.04	-1.10	106	.274
Betweenness Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.07	0.04	2.00	106	.046
Betweenness Centrality Study-Network (T1)	Descriptive Multiculturalism (T2)	0.02	0.03	0.83	108	.459
Betweenness Centrality Study-Network (T1)	Prescriptive Colorblindness (T2)	-0.06	0.05	-1.20	108	.248
Betweenness Centrality Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.02	0.03	0.74	105	.458
Closeness Centrality Study-Network (T1)	Descriptive Colorblindness (T2)	-238492.86	84175.71	-2.80	106	.006
Closeness Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	336160.09	73799.63	4.60	106	.00000
Closeness Centrality Study-Network (T1)	Descriptive Multiculturalism (T2)	67313.03	69757.17	1.00	108	.357
Closeness Centrality Study-Network (T1)	Prescriptive Colorblindness (T2)	-192609.10	113391.94	-1.70	108	.106
Closeness Centrality Study-Network (T1)	Prescriptive Multiculturalism (T2)	84903.67	63521.16	1.30	105	.184
Eigenvector Centrality Study-Network (T1)	Descriptive Colorblindness (T2)	-0.61	0.53	-1.20	106	.253
Eigenvector Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	1.01	0.48	2.10	106	.039
Eigenvector Centrality Study-Network (T1)	Descriptive Multiculturalism (T2)	0.59	0.43	1.40	108	.171
Eigenvector Centrality Study-Network (T1)	Prescriptive Colorblindness (T2)	-1.33	0.69	-1.90	108	.057
Eigenvector Centrality Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.49	0.39	1.30	105	.206
In-Degree Centrality Study-Network (T1)	Descriptive Colorblindness (T2)	-0.19	0.09	-2.00	106	.043
In-Degree Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.32	0.08	3.80	106	.00000
In-Degree Centrality Study-Network (T1)	Descriptive Multiculturalism (T2)	0.09	0.08	1.20	108	.257
In-Degree Centrality Study-Network (T1)	Prescriptive Colorblindness (T2)	-0.18	0.12	-1.40	108	.162
In-Degree Centrality Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.06	0.07	0.85	105	.395
Out-Degree Centrality Study-Network (T1)	Descriptive Colorblindness (T2)	-0.15	0.09	-1.70	106	.095
Out-Degree Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.21	0.08	2.60	106	.011
Out-Degree Centrality Study-Network (T1)	Descriptive Multiculturalism (T2)	-0.00	0.07	-0.00	108	.738
Out-Degree Centrality Study-Network (T1)	Prescriptive Colorblindness (T2)	-0.20	0.12	-1.70	108	.095
Out-Degree Centrality Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.02	0.07	0.27	105	.784
Tie Reciprocity Study-Network (T1)	Descriptive Colorblindness (T2)	-0.71	0.57	-1.20	103	.213
Tie Reciprocity Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.88	0.53	1.70	103	.100
Tie Reciprocity Study-Network (T1)	Descriptive Multiculturalism (T2)	0.31	0.46	0.66	105	.511
Tie Reciprocity Study-Network (T1)	Prescriptive Colorblindness (T2)	-1.25	0.74	-1.70	104	.094
Tie Reciprocity Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.18	0.42	0.43	102	.665
Total Degree Centrality Study-Network (T1)	Descriptive Colorblindness (T2)	-0.16	0.09	-1.80	106	.077
Total Degree Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.21	0.08	2.90	106	.019
Total Degree Centrality Study-Network (T1)	Descriptive Multiculturalism (T2)	0.04	0.08	0.53	108	.544
Total Degree Centrality Study-Network (T1)	Prescriptive Colorblindness (T2)	-0.26	0.14	-1.90	108	.073
Total Degree Centrality Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.01	0.07	0.34	105	.743
Total Tie Reciprocity Study-Network (T1)	Descriptive Colorblindness (T2)	-0.60	0.49	-1.20	96	.220
Total Tie Reciprocity Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.74	0.44	1.70	96	.097
Total Tie Reciprocity Study-Network (T1)	Descriptive Multiculturalism (T2)	0.28	0.42	0.66	98	.510
Total Tie Reciprocity Study-Network (T1)	Prescriptive Colorblindness (T2)	-1.13	0.64	-1.80	98	.083
Total Tie Reciprocity Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.21	0.37	0.58	95	.566

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 14: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.80	0.29	2.80	106	.006
Betweenness Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.07	0.04	2.00	106	.046
Closeness Centrality Study-Network (T1)	Descriptive Colorblindness (T2)	-238492.86	84175.71	-2.80	106	.006
Closeness Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	336160.09	73799.63	4.60	106	.00000
Eigenvector Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	1.01	0.48	2.10	106	.039
In-Degree Centrality Study-Network (T1)	Descriptive Colorblindness (T2)	-0.19	0.09	-2.00	106	.043
In-Degree Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.32	0.08	3.80	106	.00000
Out-Degree Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.21	0.08	2.60	106	.011
Total Degree Centrality Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.21	0.08	2.90	106	.019

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 15: Network Centrality Predicting Diversity Ideology Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Descriptive Colorblindness (T2)	-0.09	0.17	-0.52	106	.606
Alter Weight Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.24	0.16	1.60	106	.123
Alter Weight Friend-Network (T1)	Descriptive Multiculturalism (T2)	0.06	0.14	0.38	108	.743
Alter Weight Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.33	0.23	-1.40	108	.187
Alter Weight Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.10	0.13	-0.78	105	.438
Betweenness Centrality Friend-Network (T1)	Descriptive Colorblindness (T2)	0.00	0.00	0.30	106	.765
Betweenness Centrality Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.00	0.00	1.20	106	.250
Betweenness Centrality Friend-Network (T1)	Descriptive Multiculturalism (T2)	0.00	0.00	1.10	108	.311
Betweenness Centrality Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.00	0.00	-0.41	108	.681
Betweenness Centrality Friend-Network (T1)	Prescriptive Multiculturalism (T2)	0.00	0.00	1.20	105	.220
Closeness Centrality Friend-Network (T1)	Descriptive Colorblindness (T2)	-4118.46	6253.08	-0.66	106	.512
Closeness Centrality Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	11368.25	5685.59	2.00	106	.048
Closeness Centrality Friend-Network (T1)	Descriptive Multiculturalism (T2)	8398.01	4945.05	1.70	108	.096
Closeness Centrality Friend-Network (T1)	Prescriptive Colorblindness (T2)	-4175.23	8193.25	-0.52	108	.612
Closeness Centrality Friend-Network (T1)	Prescriptive Multiculturalism (T2)	4381.02	4579.44	0.96	105	.341
Eigenvector Centrality Friend-Network (T1)	Descriptive Colorblindness (T2)	-0.71	0.52	-1.40	106	.173
Eigenvector Centrality Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	1.15	0.47	2.50	106	.016
Eigenvector Centrality Friend-Network (T1)	Descriptive Multiculturalism (T2)	0.60	0.42	1.40	108	.153
Eigenvector Centrality Friend-Network (T1)	Prescriptive Colorblindness (T2)	-1.29	0.68	-1.90	108	.060
Eigenvector Centrality Friend-Network (T1)	Prescriptive Multiculturalism (T2)	0.52	0.38	1.40	105	.176
In-Degree Centrality Friend-Network (T1)	Descriptive Colorblindness (T2)	-0.07	0.07	-1.00	102	.321
In-Degree Centrality Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.12	0.06	1.90	102	.057
In-Degree Centrality Friend-Network (T1)	Descriptive Multiculturalism (T2)	0.22	0.52	-0.07	78	.772
In-Degree Centrality Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.23	0.45	-0.41	69	.719
In-Degree Centrality Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.01	0.05	-0.14	101	.892
Out-Degree Centrality Friend-Network (T1)	Descriptive Colorblindness (T2)	0.01	0.06	0.10	102	.923
Out-Degree Centrality Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.08	0.05	1.40	102	.150
Out-Degree Centrality Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.53	0.26	-0.34	78	.576
Out-Degree Centrality Friend-Network (T1)	Prescriptive Colorblindness (T2)	0.40	0.26	0.14	69	.347
Out-Degree Centrality Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.00	0.04	-0.09	101	.931
Tie Reciprocity Friend-Network (T1)	Descriptive Colorblindness (T2)	-0.30	0.24	-1.20	65	.214
Tie Reciprocity Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.25	0.25	1.00	65	.315
Tie Reciprocity Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.21	0.19	-1.10	68	.355
Tie Reciprocity Friend-Network (T1)	Prescriptive Colorblindness (T2)	0.37	0.32	1.20	67	.532
Tie Reciprocity Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.02	0.20	-0.10	64	.918
Total Degree Centrality Friend-Network (T1)	Descriptive Colorblindness (T2)	-0.02	0.05	-0.47	104	.641
Total Degree Centrality Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.07	0.04	1.80	104	.077
Total Degree Centrality Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.07	0.25	0.08	91	.799
Total Degree Centrality Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.01	0.22	-0.83	88	.409
Total Degree Centrality Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.00	0.03	-0.09	103	.925
Total Tie Reciprocity Friend-Network (T1)	Descriptive Colorblindness (T2)	-0.37	0.25	-1.40	60	.152
Total Tie Reciprocity Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.32	0.27	1.20	60	.242
Total Tie Reciprocity Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.01	0.21	-0.14	62	.424
Total Tie Reciprocity Friend-Network (T1)	Prescriptive Colorblindness (T2)	0.06	0.34	0.20	62	.720
Total Tie Reciprocity Friend-Network (T1)	Prescriptive Multiculturalism (T2)	0.05	0.22	0.21	59	.834

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 16: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Closeness Centrality Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	11368.25	5685.59	2.00	106	.048
Eigenvector Centrality Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	1.15	0.47	2.50	106	.016

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 17: Network Centrality Predicting Diversity Ideology Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Support-Network (T1)	Descriptive Colorblindness (T2)	-0.29	0.23	-1.30	106	.208
Alter Weight Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.52	0.21	2.50	106	.014
Alter Weight Support-Network (T1)	Descriptive Multiculturalism (T2)	0.07	0.19	0.38	108	.523
Alter Weight Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.63	0.30	-2.10	108	.088
Alter Weight Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.10	0.17	0.62	105	.539
Betweenness Centrality Support-Network (T1)	Descriptive Colorblindness (T2)	-0.03	0.03	-0.92	106	.360
Betweenness Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.05	0.03	1.90	106	.063
Betweenness Centrality Support-Network (T1)	Descriptive Multiculturalism (T2)	0.03	0.02	1.10	108	.315
Betweenness Centrality Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.07	0.04	-1.80	108	.087
Betweenness Centrality Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.02	0.02	1.10	105	.272
Closeness Centrality Support-Network (T1)	Descriptive Colorblindness (T2)	-151892.59	85840.46	-1.80	106	.080
Closeness Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	275813.27	75921.74	3.60	106	.0000000
Closeness Centrality Support-Network (T1)	Descriptive Multiculturalism (T2)	74162.06	69528.56	1.10	108	.302
Closeness Centrality Support-Network (T1)	Prescriptive Colorblindness (T2)	-170353.92	113193.36	-1.50	108	.156
Closeness Centrality Support-Network (T1)	Prescriptive Multiculturalism (T2)	67838.88	63449.03	1.10	105	.287
Eigenvector Centrality Support-Network (T1)	Descriptive Colorblindness (T2)	-0.63	0.54	-1.20	106	.245
Eigenvector Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.98	0.49	2.00	106	.050
Eigenvector Centrality Support-Network (T1)	Descriptive Multiculturalism (T2)	0.53	0.44	1.20	108	.226
Eigenvector Centrality Support-Network (T1)	Prescriptive Colorblindness (T2)	-1.30	0.71	-1.80	108	.070
Eigenvector Centrality Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.50	0.40	1.20	105	.214
In-Degree Centrality Support-Network (T1)	Descriptive Colorblindness (T2)	-0.12	0.10	-1.20	106	.247
In-Degree Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.22	0.09	2.30	106	.021
In-Degree Centrality Support-Network (T1)	Descriptive Multiculturalism (T2)	0.09	0.08	1.00	108	.337
In-Degree Centrality Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.21	0.14	-1.60	108	.126
In-Degree Centrality Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.02	0.08	0.20	105	.842
Out-Degree Centrality Support-Network (T1)	Descriptive Colorblindness (T2)	-0.10	0.09	-1.10	106	.277
Out-Degree Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.19	0.08	2.40	106	.021
Out-Degree Centrality Support-Network (T1)	Descriptive Multiculturalism (T2)	0.01	0.07	0.16	108	.640
Out-Degree Centrality Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.16	0.12	-1.40	108	.205
Out-Degree Centrality Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.05	0.07	0.71	105	.482
Tie Reciprocity Support-Network (T1)	Descriptive Colorblindness (T2)	-0.45	0.23	-2.00	48	.055
Tie Reciprocity Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.22	0.25	0.88	48	.385
Tie Reciprocity Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.11	0.19	-0.75	49	.322
Tie Reciprocity Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.59	0.33	-1.70	49	.102
Tie Reciprocity Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.12	0.20	0.61	47	.543
Total Degree Centrality Support-Network (T1)	Descriptive Colorblindness (T2)	-0.08	0.07	-1.20	106	.245
Total Degree Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.16	0.06	2.50	106	.015
Total Degree Centrality Support-Network (T1)	Descriptive Multiculturalism (T2)	0.02	0.06	0.39	108	.590
Total Degree Centrality Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.15	0.10	-1.60	107	.137
Total Degree Centrality Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.03	0.05	0.61	105	.543
Total Tie Reciprocity Support-Network (T1)	Descriptive Colorblindness (T2)	-0.32	0.24	-1.30	42	.197
Total Tie Reciprocity Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.12	0.27	0.44	42	.663
Total Tie Reciprocity Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.06	0.21	-0.43	43	.275
Total Tie Reciprocity Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.62	0.35	-1.70	43	.131
Total Tie Reciprocity Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.11	0.23	0.48	41	.632

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 18: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.52	0.21	2.50	106	.014
Closeness Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	275813.27	75921.74	3.60	106	.0000000
Eigenvector Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.98	0.49	2.00	106	.050
In-Degree Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.22	0.09	2.30	106	.021
Out-Degree Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.19	0.08	2.40	106	.021
Total Degree Centrality Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.16	0.06	2.50	106	.015

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 19: Network Centrality Predicting Network Diversity and Homophily Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Study-Network (T1)	Diversity Study-Network (T2)	0.25	0.13	2.00	100	.048
Alter Weight Study-Network (T1)	Homophily Age Study-Network (T2)	0.25	0.14	1.80	53	.076
Alter Weight Study-Network (T1)	Homophily Class-Year Study-Network (T2)	0.25	0.19	1.30	53	.187
Alter Weight Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.38	0.16	2.30	36	.025
Alter Weight Study-Network (T1)	Homophily Group Study-Network (T2)	-0.48	0.19	-2.60	58	.012
Alter Weight Study-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.15	0.18	0.83	53	.413
Alter Weight Study-Network (T1)	Homophily School Study-Network (T2)	0.33	0.15	2.20	53	.033
Betweenness Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.01	0.02	0.54	100	.593
Betweenness Centrality Study-Network (T1)	Homophily Class-Year Study-Network (T2)	0.02	0.02	0.73	53	.468
Betweenness Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.03	0.02	1.40	36	.169
Betweenness Centrality Study-Network (T1)	Homophily Gender Study-Network (T2)	0.02	0.02	0.84	53	.402
Betweenness Centrality Study-Network (T1)	Homophily Group Study-Network (T2)	-0.03	0.03	-1.40	58	.172
Betweenness Centrality Study-Network (T1)	Homophily Race Study-Network (T2)	-0.02	0.02	-0.87	53	.389
Betweenness Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.01	0.02	0.64	53	.524
Closeness Centrality Study-Network (T1)	Diversity Study-Network (T2)	75319.32	33310.88	2.30	100	.026
Closeness Centrality Study-Network (T1)	Homophily Age Study-Network (T2)	70789.24	38273.11	1.80	53	.070
Closeness Centrality Study-Network (T1)	Homophily Class-Year Study-Network (T2)	38262.37	52885.98	0.72	53	.473
Closeness Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	43143.16	46485.40	0.93	36	.360
Closeness Centrality Study-Network (T1)	Homophily Gender Study-Network (T2)	24628.15	41219.47	0.60	53	.553
Closeness Centrality Study-Network (T1)	Homophily Group Study-Network (T2)	71365.81	53845.41	-1.30	58	.190
Closeness Centrality Study-Network (T1)	Homophily Native Lang. Study-Network (T2)	27747.19	50001.98	0.55	53	.581
Closeness Centrality Study-Network (T1)	Homophily School Study-Network (T2)	24113.06	44281.39	0.54	53	.588
Eigenvector Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.64	0.20	3.20	100	.002
Eigenvector Centrality Study-Network (T1)	Homophily Class-Year Study-Network (T2)	0.14	0.27	0.51	53	.611
Eigenvector Centrality Study-Network (T1)	Homophily Gender Study-Network (T2)	0.26	0.21	1.20	53	.216
Eigenvector Centrality Study-Network (T1)	Homophily Group Study-Network (T2)	-0.32	0.28	-1.20	58	.253
Eigenvector Centrality Study-Network (T1)	Homophily Race Study-Network (T2)	-0.40	0.27	-1.50	53	.145
In-Degree Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.09	0.04	2.40	100	.018
In-Degree Centrality Study-Network (T1)	Homophily Age Study-Network (T2)	0.03	0.04	0.77	53	.447
In-Degree Centrality Study-Network (T1)	Homophily Class-Year Study-Network (T2)	0.09	0.06	1.60	53	.111
In-Degree Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.08	0.05	1.60	36	.114
In-Degree Centrality Study-Network (T1)	Homophily Gender Study-Network (T2)	0.04	0.05	0.90	53	.373
In-Degree Centrality Study-Network (T1)	Homophily Group Study-Network (T2)	-0.04	0.06	-0.74	58	.465
In-Degree Centrality Study-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.05	0.06	0.95	53	.349
In-Degree Centrality Study-Network (T1)	Homophily Race Study-Network (T2)	-0.06	0.06	-0.98	53	.330
In-Degree Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.06	0.05	1.20	53	.241
Out-Degree Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.06	0.04	1.70	100	.086
Out-Degree Centrality Study-Network (T1)	Homophily Age Study-Network (T2)	0.08	0.04	2.00	53	.047
Out-Degree Centrality Study-Network (T1)	Homophily Class-Year Study-Network (T2)	0.07	0.05	1.40	53	.174
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.11	0.05	2.50	36	.018
Out-Degree Centrality Study-Network (T1)	Homophily Group Study-Network (T2)	-0.13	0.05	-2.50	58	.016
Out-Degree Centrality Study-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.08	0.05	1.60	53	.106
Out-Degree Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.10	0.04	2.20	53	.032
Tie Reciprocity Study-Network (T1)	Diversity Study-Network (T2)	0.59	0.21	2.80	97	.005
Tie Reciprocity Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.27	0.23	1.20	34	.249
Tie Reciprocity Study-Network (T1)	Homophily Gender Study-Network (T2)	0.13	0.24	0.55	51	.583
Tie Reciprocity Study-Network (T1)	Homophily Group Study-Network (T2)	-0.45	0.30	-1.50	56	.147
Tie Reciprocity Study-Network (T1)	Homophily Race Study-Network (T2)	-0.18	0.31	-0.60	51	.548
Tie Reciprocity Study-Network (T1)	Homophily School Study-Network (T2)	0.16	0.25	0.67	51	.507
Total Degree Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.04	0.04	1.60	100	.228
Total Degree Centrality Study-Network (T1)	Homophily Age Study-Network (T2)	0.07	0.04	1.80	53	.089
Total Degree Centrality Study-Network (T1)	Homophily Class-Year Study-Network (T2)	0.09	0.05	1.70	53	.092
Total Degree Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.12	0.04	2.70	36	.014
Total Degree Centrality Study-Network (T1)	Homophily Gender Study-Network (T2)	0.04	0.04	0.76	53	.458
Total Degree Centrality Study-Network (T1)	Homophily Group Study-Network (T2)	-0.11	0.05	-2.00	58	.052
Total Degree Centrality Study-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.09	0.05	1.70	53	.100
Total Degree Centrality Study-Network (T1)	Homophily Race Study-Network (T2)	-0.02	0.03	-0.59	53	.555
Total Degree Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.10	0.04	2.20	53	.038
Total Tie Reciprocity Study-Network (T1)	Diversity Study-Network (T2)	0.46	0.18	2.50	91	.014
Total Tie Reciprocity Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.26	0.21	1.30	32	.210
Total Tie Reciprocity Study-Network (T1)	Homophily Group Study-Network (T2)	-0.32	0.27	-1.20	51	.238

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 20: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Study-Network (T2)	0.18	0.07	2.70	100	.008
Alter Weight Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.22	0.09	2.40	36	.021
Alter Weight Study-Network (T1)	Diversity Study-Network (T2)	0.25	0.13	2.00	100	.048
Alter Weight Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.38	0.16	2.30	36	.025
Alter Weight Study-Network (T1)	Homophily Group Study-Network (T2)	-0.48	0.19	-2.60	58	.012
Alter Weight Study-Network (T1)	Homophily School Study-Network (T2)	0.33	0.15	2.20	53	.033
Alter Weight Support-Network (T1)	Diversity Study-Network (T2)	0.28	0.09	3.30	100	.001
Closeness Centrality Study-Network (T1)	Diversity Study-Network (T2)	75319.32	33310.88	2.30	100	.026
Closeness Centrality Support-Network (T1)	Diversity Study-Network (T2)	74869.02	33086.97	2.30	100	.026
Eigenvector Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.68	0.19	3.60	100	.0000000
Eigenvector Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.64	0.20	3.20	100	.002
Eigenvector Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.66	0.20	3.30	100	.001
In-Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.09	0.04	2.30	36	.029
In-Degree Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.09	0.04	2.40	100	.018
In-Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.08	0.04	2.10	100	.037
In-Degree Centrality Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.12	0.05	2.10	36	.040
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.08	0.03	2.40	36	.021
Out-Degree Centrality Study-Network (T1)	Homophily Age Study-Network (T2)	0.08	0.04	2.00	53	.047
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.11	0.05	2.50	36	.018
Out-Degree Centrality Study-Network (T1)	Homophily Group Study-Network (T2)	-0.13	0.05	-2.50	58	.016
Out-Degree Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.10	0.04	2.20	53	.032
Out-Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.10	0.03	3.00	100	.004
Tie Reciprocity Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.46	0.18	2.60	27	.015
Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.40	0.18	2.20	38	.036
Tie Reciprocity Study-Network (T1)	Diversity Study-Network (T2)	0.59	0.21	2.80	97	.005
Tie Reciprocity Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.40	0.15	2.60	22	.016
Total Degree Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.04	0.02	2.10	98	.045
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.06	0.02	2.50	36	.017
Total Degree Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.12	0.04	2.70	36	.014
Total Degree Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.10	0.04	2.20	53	.038
Total Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.08	0.03	2.90	100	.004
Total Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.55	0.21	2.60	37	.012
Total Tie Reciprocity Study-Network (T1)	Diversity Study-Network (T2)	0.46	0.18	2.50	91	.014

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 21: Network Centrality Predicting Network Diversity and Homophily Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Study-Network (T2)	0.18	0.07	2.70	100	.008
Alter Weight Friend-Network (T1)	Homophily Age Study-Network (T2)	0.07	0.08	0.81	53	.422
Alter Weight Friend-Network (T1)	Homophily Class-Year Study-Network (T2)	0.12	0.11	1.10	53	.291
Alter Weight Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.22	0.09	2.40	36	.021
Alter Weight Friend-Network (T1)	Homophily Group Study-Network (T2)	-0.14	0.11	-1.20	58	.216
Alter Weight Friend-Network (T1)	Homophily School Study-Network (T2)	0.13	0.09	1.50	53	.147
Betweenness Centrality Friend-Network (T1)	Homophily Age Study-Network (T2)	0.00	0.00	0.73	53	.466
Betweenness Centrality Friend-Network (T1)	Homophily Class-Year Study-Network (T2)	-0.00	0.00	-0.78	53	.438
Betweenness Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.00	0.00	0.50	36	.621
Betweenness Centrality Friend-Network (T1)	Homophily Gender Study-Network (T2)	0.00	0.00	0.52	53	.604
Betweenness Centrality Friend-Network (T1)	Homophily Group Study-Network (T2)	0.00	0.00	0.48	58	.635
Betweenness Centrality Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	-0.00	0.00	-1.30	53	.193
Betweenness Centrality Friend-Network (T1)	Homophily Race Study-Network (T2)	-0.00	0.00	-1.10	53	.265
Betweenness Centrality Friend-Network (T1)	Homophily School Study-Network (T2)	-0.00	0.00	-1.80	53	.084
Closeness Centrality Friend-Network (T1)	Diversity Study-Network (T2)	-1214.44	2483.38	-0.49	100	.626
Closeness Centrality Friend-Network (T1)	Homophily Age Study-Network (T2)	1730.14	3166.56	0.55	53	.587
Closeness Centrality Friend-Network (T1)	Homophily Class-Year Study-Network (T2)	-7003.22	4164.05	-1.70	53	.098
Closeness Centrality Friend-Network (T1)	Homophily Gender Study-Network (T2)	5069.18	3252.06	1.60	53	.125
Closeness Centrality Friend-Network (T1)	Homophily Group Study-Network (T2)	2746.31	4258.54	0.64	58	.522
Closeness Centrality Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	-2497.97	4017.90	-0.62	53	.537
Closeness Centrality Friend-Network (T1)	Homophily Race Study-Network (T2)	2602.92	4278.17	0.61	53	.546
Closeness Centrality Friend-Network (T1)	Homophily School Study-Network (T2)	-1719.59	3562.97	-0.48	53	.631
Eigenvector Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.68	0.19	3.60	100	.0000000
Eigenvector Centrality Friend-Network (T1)	Homophily Gender Study-Network (T2)	0.29	0.21	1.40	53	.157
Eigenvector Centrality Friend-Network (T1)	Homophily Group Study-Network (T2)	-0.34	0.27	-1.20	58	.225
Eigenvector Centrality Friend-Network (T1)	Homophily Race Study-Network (T2)	-0.46	0.26	-1.80	53	.084
In-Degree Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.04	0.03	1.50	96	.133
In-Degree Centrality Friend-Network (T1)	Homophily Age Study-Network (T2)	0.04	0.03	1.30	53	.189
In-Degree Centrality Friend-Network (T1)	Homophily Class-Year Study-Network (T2)	0.06	0.04	1.40	53	.184
In-Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.09	0.04	2.30	36	.029
In-Degree Centrality Friend-Network (T1)	Homophily Group Study-Network (T2)	-0.04	0.05	-0.92	58	.363
In-Degree Centrality Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.07	0.04	1.60	53	.108
In-Degree Centrality Friend-Network (T1)	Homophily School Study-Network (T2)	0.06	0.04	1.50	53	.145
Out-Degree Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.05	0.02	1.90	96	.060
Out-Degree Centrality Friend-Network (T1)	Homophily Age Study-Network (T2)	0.04	0.03	1.50	53	.141
Out-Degree Centrality Friend-Network (T1)	Homophily Class-Year Study-Network (T2)	0.04	0.04	1.20	53	.257
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.08	0.03	2.40	36	.021
Out-Degree Centrality Friend-Network (T1)	Homophily Group Study-Network (T2)	-0.03	0.04	-0.78	58	.436
Out-Degree Centrality Friend-Network (T1)	Homophily School Study-Network (T2)	0.03	0.03	1.00	53	.297
Tie Reciprocity Friend-Network (T1)	Diversity Study-Network (T2)	0.10	0.10	0.98	60	.333
Tie Reciprocity Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.46	0.18	2.60	27	.015
Tie Reciprocity Friend-Network (T1)	Homophily Gender Study-Network (T2)	-0.26	0.15	-1.70	38	.101
Tie Reciprocity Friend-Network (T1)	Homophily Group Study-Network (T2)	0.09	0.18	0.48	42	.635
Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.40	0.18	2.20	38	.036
Tie Reciprocity Friend-Network (T1)	Homophily Race Study-Network (T2)	0.12	0.20	0.60	38	.553
Tie Reciprocity Friend-Network (T1)	Homophily School Study-Network (T2)	0.18	0.14	1.20	38	.222
Total Degree Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.04	0.02	2.10	98	.045
Total Degree Centrality Friend-Network (T1)	Homophily Age Study-Network (T2)	0.03	0.02	1.50	53	.129
Total Degree Centrality Friend-Network (T1)	Homophily Class-Year Study-Network (T2)	0.03	0.03	1.20	53	.239
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.06	0.02	2.50	36	.017
Total Degree Centrality Friend-Network (T1)	Homophily Group Study-Network (T2)	-0.02	0.03	-0.79	58	.433
Total Degree Centrality Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.02	0.02	0.96	53	.339
Total Degree Centrality Friend-Network (T1)	Homophily School Study-Network (T2)	0.03	0.02	1.10	53	.286
Total Tie Reciprocity Friend-Network (T1)	Diversity Study-Network (T2)	0.19	0.10	1.80	55	.069
Total Tie Reciprocity Friend-Network (T1)	Homophily Class-Year Study-Network (T2)	-0.12	0.24	-0.51	37	.611
Total Tie Reciprocity Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.34	0.22	1.60	26	.130
Total Tie Reciprocity Friend-Network (T1)	Homophily Gender Study-Network (T2)	-0.22	0.18	-1.20	37	.242
Total Tie Reciprocity Friend-Network (T1)	Homophily Group Study-Network (T2)	-0.14	0.22	-0.64	39	.524
Total Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.55	0.21	2.60	37	.012

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 22: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Study-Network (T2)	0.18	0.07	2.70	100	.008
Alter Weight Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.22	0.09	2.40	36	.021
Alter Weight Study-Network (T1)	Diversity Study-Network (T2)	0.25	0.13	2.00	100	.048
Alter Weight Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.38	0.16	2.30	36	.025
Alter Weight Study-Network (T1)	Homophily Group Study-Network (T2)	-0.48	0.19	-2.60	58	.012
Alter Weight Study-Network (T1)	Homophily School Study-Network (T2)	0.33	0.15	2.20	53	.033
Alter Weight Support-Network (T1)	Diversity Study-Network (T2)	0.28	0.09	3.30	100	.001
Closeness Centrality Study-Network (T1)	Diversity Study-Network (T2)	75319.32	33310.88	2.30	100	.026
Closeness Centrality Support-Network (T1)	Diversity Study-Network (T2)	74869.02	33086.97	2.30	100	.026
Eigenvector Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.68	0.19	3.60	100	.0000000
Eigenvector Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.64	0.20	3.20	100	.002
Eigenvector Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.66	0.20	3.30	100	.001
In-Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.09	0.04	2.30	36	.029
In-Degree Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.09	0.04	2.40	100	.018
In-Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.08	0.04	2.10	100	.037
In-Degree Centrality Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.12	0.05	2.10	36	.040
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.08	0.03	2.40	36	.021
Out-Degree Centrality Study-Network (T1)	Homophily Age Study-Network (T2)	0.08	0.04	2.00	53	.047
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.11	0.05	2.50	36	.018
Out-Degree Centrality Study-Network (T1)	Homophily Group Study-Network (T2)	-0.13	0.05	-2.50	58	.016
Out-Degree Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.10	0.04	2.20	53	.032
Out-Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.10	0.03	3.00	100	.004
Tie Reciprocity Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.46	0.18	2.60	27	.015
Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.40	0.18	2.20	38	.036
Tie Reciprocity Study-Network (T1)	Diversity Study-Network (T2)	0.59	0.21	2.80	97	.005
Tie Reciprocity Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.40	0.15	2.60	22	.016
Total Degree Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.04	0.02	2.10	98	.045
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.06	0.02	2.50	36	.017
Total Degree Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.12	0.04	2.70	36	.014
Total Degree Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.10	0.04	2.20	53	.038
Total Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.08	0.03	2.90	100	.004
Total Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.55	0.21	2.60	37	.012
Total Tie Reciprocity Study-Network (T1)	Diversity Study-Network (T2)	0.46	0.18	2.50	91	.014

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 23: Network Centrality Predicting Network Diversity and Homophily Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Support-Network (T1)	Diversity Study-Network (T2)	0.28	0.09	3.30	100	.001
Alter Weight Support-Network (T1)	Homophily Age Study-Network (T2)	0.10	0.11	0.96	53	.340
Alter Weight Support-Network (T1)	Homophily Class-Year Study-Network (T2)	0.14	0.14	0.96	53	.341
Alter Weight Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.13	0.12	1.00	36	.302
Alter Weight Support-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.07	0.14	0.54	53	.591
Alter Weight Support-Network (T1)	Homophily School Study-Network (T2)	0.16	0.12	1.40	53	.181
Betweenness Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.02	0.01	1.40	100	.154
Betweenness Centrality Support-Network (T1)	Homophily Class-Year Study-Network (T2)	0.02	0.02	1.00	53	.306
Betweenness Centrality Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.02	0.02	1.00	36	.309
Betweenness Centrality Support-Network (T1)	Homophily Gender Study-Network (T2)	0.01	0.01	0.84	53	.405
Betweenness Centrality Support-Network (T1)	Homophily Group Study-Network (T2)	-0.01	0.02	-0.73	58	.468
Betweenness Centrality Support-Network (T1)	Homophily Race Study-Network (T2)	-0.02	0.02	-1.20	53	.240
Closeness Centrality Support-Network (T1)	Diversity Study-Network (T2)	74869.02	33086.97	2.30	100	.026
Closeness Centrality Support-Network (T1)	Homophily Age Study-Network (T2)	62743.20	38629.76	1.60	53	.110
Closeness Centrality Support-Network (T1)	Homophily Class-Year Study-Network (T2)	34504.00	53057.03	0.65	53	.518
Closeness Centrality Support-Network (T1)	Homophily Dorm Study-Network (T2)	28829.80	45963.22	0.63	36	.534
Closeness Centrality Support-Network (T1)	Homophily Gender Study-Network (T2)	26691.13	41290.39	0.65	53	.521
Closeness Centrality Support-Network (T1)	Homophily Group Study-Network (T2)	-28983.50	53918.53	-0.54	58	.593
Closeness Centrality Support-Network (T1)	Homophily School Study-Network (T2)	23039.59	44394.19	0.52	53	.606
Eigenvector Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.66	0.20	3.30	100	.001
Eigenvector Centrality Support-Network (T1)	Homophily Class-Year Study-Network (T2)	0.14	0.28	0.51	53	.610
Eigenvector Centrality Support-Network (T1)	Homophily Dorm Study-Network (T2)	-0.11	0.23	-0.50	36	.620
Eigenvector Centrality Support-Network (T1)	Homophily Gender Study-Network (T2)	0.26	0.21	1.20	53	.237
Eigenvector Centrality Support-Network (T1)	Homophily Group Study-Network (T2)	-0.29	0.28	-1.00	58	.314
Eigenvector Centrality Support-Network (T1)	Homophily Race Study-Network (T2)	-0.40	0.27	-1.40	53	.154
In-Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.08	0.04	2.10	100	.037
In-Degree Centrality Support-Network (T1)	Homophily Age Study-Network (T2)	0.08	0.05	1.70	53	.087
In-Degree Centrality Support-Network (T1)	Homophily Class-Year Study-Network (T2)	0.10	0.06	1.50	53	.137
In-Degree Centrality Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.12	0.05	2.10	36	.040
In-Degree Centrality Support-Network (T1)	Homophily Gender Study-Network (T2)	0.03	0.05	0.65	53	.518
In-Degree Centrality Support-Network (T1)	Homophily Group Study-Network (T2)	-0.05	0.07	-0.80	58	.426
In-Degree Centrality Support-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.05	0.06	0.74	53	.463
In-Degree Centrality Support-Network (T1)	Homophily School Study-Network (T2)	0.09	0.05	1.70	53	.104
Out-Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.10	0.03	3.00	100	.004
Out-Degree Centrality Support-Network (T1)	Homophily Age Study-Network (T2)	0.04	0.04	0.96	53	.342
Out-Degree Centrality Support-Network (T1)	Homophily Class-Year Study-Network (T2)	0.05	0.06	0.89	53	.377
Out-Degree Centrality Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.07	0.05	1.40	36	.178
Out-Degree Centrality Support-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.07	0.05	1.30	53	.200
Out-Degree Centrality Support-Network (T1)	Homophily School Study-Network (T2)	0.08	0.05	1.60	53	.105
Tie Reciprocity Support-Network (T1)	Diversity Study-Network (T2)	-0.07	0.12	-0.58	43	.568
Tie Reciprocity Support-Network (T1)	Homophily Age Study-Network (T2)	0.24	0.13	1.80	32	.084
Tie Reciprocity Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.40	0.15	2.60	22	.016
Tie Reciprocity Support-Network (T1)	Homophily Gender Study-Network (T2)	0.08	0.14	0.54	32	.596
Tie Reciprocity Support-Network (T1)	Homophily Group Study-Network (T2)	-0.08	0.17	-0.47	34	.644
Tie Reciprocity Support-Network (T1)	Homophily Race Study-Network (T2)	-0.18	0.17	-1.00	32	.308
Tie Reciprocity Support-Network (T1)	Homophily School Study-Network (T2)	0.17	0.12	1.40	32	.178
Total Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.08	0.03	2.90	100	.004
Total Degree Centrality Support-Network (T1)	Homophily Age Study-Network (T2)	0.04	0.03	1.20	53	.249
Total Degree Centrality Support-Network (T1)	Homophily Class-Year Study-Network (T2)	0.05	0.04	1.10	53	.291
Total Degree Centrality Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.06	0.04	1.60	36	.124
Total Degree Centrality Support-Network (T1)	Homophily Gender Study-Network (T2)	0.01	0.03	0.52	53	.609
Total Degree Centrality Support-Network (T1)	Homophily Group Study-Network (T2)	-0.02	0.03	-0.61	58	.541
Total Degree Centrality Support-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.05	0.04	1.20	53	.232
Total Degree Centrality Support-Network (T1)	Homophily School Study-Network (T2)	0.06	0.04	1.70	53	.091
Total Tie Reciprocity Support-Network (T1)	Homophily Age Study-Network (T2)	0.17	0.14	1.20	30	.236
Total Tie Reciprocity Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.20	0.16	1.20	20	.228
Total Tie Reciprocity Support-Network (T1)	Homophily Group Study-Network (T2)	-0.13	0.19	-0.67	31	.505
Total Tie Reciprocity Support-Network (T1)	Homophily Race Study-Network (T2)	-0.27	0.18	-1.50	30	.136

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 24: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Study-Network (T2)	0.18	0.07	2.70	100	.008
Alter Weight Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.22	0.09	2.40	36	.021
Alter Weight Study-Network (T1)	Diversity Study-Network (T2)	0.25	0.13	2.00	100	.048
Alter Weight Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.38	0.16	2.30	36	.025
Alter Weight Study-Network (T1)	Homophily Group Study-Network (T2)	-0.48	0.19	-2.60	58	.012
Alter Weight Study-Network (T1)	Homophily School Study-Network (T2)	0.33	0.15	2.20	53	.033
Alter Weight Support-Network (T1)	Diversity Study-Network (T2)	0.28	0.09	3.30	100	.001
Closeness Centrality Study-Network (T1)	Diversity Study-Network (T2)	75319.32	33310.88	2.30	100	.026
Closeness Centrality Support-Network (T1)	Diversity Study-Network (T2)	74869.02	33086.97	2.30	100	.026
Eigenvector Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.68	0.19	3.60	100	.0000000
Eigenvector Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.64	0.20	3.20	100	.002
Eigenvector Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.66	0.20	3.30	100	.001
In-Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.09	0.04	2.30	36	.029
In-Degree Centrality Study-Network (T1)	Diversity Study-Network (T2)	0.09	0.04	2.40	100	.018
In-Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.08	0.04	2.10	100	.037
In-Degree Centrality Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.12	0.05	2.10	36	.040
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.08	0.03	2.40	36	.021
Out-Degree Centrality Study-Network (T1)	Homophily Age Study-Network (T2)	0.08	0.04	2.00	53	.047
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.11	0.05	2.50	36	.018
Out-Degree Centrality Study-Network (T1)	Homophily Group Study-Network (T2)	-0.13	0.05	-2.50	58	.016
Out-Degree Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.10	0.04	2.20	53	.032
Out-Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.10	0.03	3.00	100	.004
Tie Reciprocity Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.46	0.18	2.60	27	.015
Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.40	0.18	2.20	38	.036
Tie Reciprocity Study-Network (T1)	Diversity Study-Network (T2)	0.59	0.21	2.80	97	.005
Tie Reciprocity Support-Network (T1)	Homophily Dorm Study-Network (T2)	0.40	0.15	2.60	22	.016
Total Degree Centrality Friend-Network (T1)	Diversity Study-Network (T2)	0.04	0.02	2.10	98	.045
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Study-Network (T2)	0.06	0.02	2.50	36	.017
Total Degree Centrality Study-Network (T1)	Homophily Dorm Study-Network (T2)	0.12	0.04	2.70	36	.014
Total Degree Centrality Study-Network (T1)	Homophily School Study-Network (T2)	0.10	0.04	2.20	53	.038
Total Degree Centrality Support-Network (T1)	Diversity Study-Network (T2)	0.08	0.03	2.90	100	.004
Total Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Study-Network (T2)	0.55	0.21	2.60	37	.012
Total Tie Reciprocity Study-Network (T1)	Diversity Study-Network (T2)	0.46	0.18	2.50	91	.014

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 25: Network Centrality Predicting Network Diversity and Homophily Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Study-Network (T1)	Diversity Friend-Network (T2)	0.20	0.13	1.60	86	.117
Alter Weight Study-Network (T1)	Homophily Age Friend-Network (T2)	0.13	0.15	0.84	80	.403
Alter Weight Study-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.09	0.14	0.63	80	.532
Alter Weight Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.43	0.14	3.10	80	.002
Alter Weight Study-Network (T1)	Homophily Group Friend-Network (T2)	-0.15	0.13	-1.20	83	.244
Alter Weight Study-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.07	0.15	0.49	80	.622
Alter Weight Study-Network (T1)	Homophily Race Friend-Network (T2)	0.14	0.13	1.00	80	.306
Alter Weight Study-Network (T1)	Homophily School Friend-Network (T2)	0.25	0.14	1.80	80	.078
Alter Weight Study-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.02	0.02	0.82	80	.413
Betweenness Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.02	0.02	0.95	80	.343
Betweenness Centrality Study-Network (T1)	Homophily Gender Friend-Network (T2)	0.01	0.02	0.72	80	.474
Betweenness Centrality Study-Network (T1)	Homophily Group Friend-Network (T2)	-0.02	0.02	-1.10	83	.293
Betweenness Centrality Study-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.01	0.02	0.55	80	.584
Betweenness Centrality Study-Network (T1)	Homophily School Friend-Network (T2)	0.01	0.02	0.49	80	.623
Closeness Centrality Study-Network (T1)	Diversity Friend-Network (T2)	38556.74	34744.70	1.10	86	.270
Closeness Centrality Study-Network (T1)	Homophily Age Friend-Network (T2)	26758.26	42629.83	0.63	80	.532
Closeness Centrality Study-Network (T1)	Homophily Class-Year Friend-Network (T2)	25934.76	40194.79	0.65	80	.521
Closeness Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	77722.14	40374.81	1.90	80	.058
Closeness Centrality Study-Network (T1)	Homophily Race Friend-Network (T2)	68651.47	36528.32	1.90	80	.064
Closeness Centrality Study-Network (T1)	Homophily School Friend-Network (T2)	33388.84	40628.29	0.82	80	.414
Eigenvector Centrality Study-Network (T1)	Diversity Friend-Network (T2)	0.50	0.20	2.50	86	.013
Eigenvector Centrality Study-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.38	0.22	1.80	80	.083
Eigenvector Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.11	0.23	0.49	80	.629
Eigenvector Centrality Study-Network (T1)	Homophily Gender Friend-Network (T2)	0.30	0.21	1.40	80	.166
Eigenvector Centrality Study-Network (T1)	Homophily Group Friend-Network (T2)	-0.20	0.20	-1.00	83	.315
Eigenvector Centrality Study-Network (T1)	Homophily Race Friend-Network (T2)	-0.23	0.20	-1.10	80	.264
Eigenvector Centrality Study-Network (T1)	Homophily School Friend-Network (T2)	0.30	0.22	1.40	80	.180
In-Degree Centrality Study-Network (T1)	Diversity Friend-Network (T2)	0.06	0.04	1.50	86	.134
In-Degree Centrality Study-Network (T1)	Homophily Age Friend-Network (T2)	0.02	0.05	0.48	80	.630
In-Degree Centrality Study-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.07	0.04	1.60	80	.113
In-Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.10	0.04	2.40	80	.017
In-Degree Centrality Study-Network (T1)	Homophily Gender Friend-Network (T2)	0.02	0.04	0.56	80	.578
In-Degree Centrality Study-Network (T1)	Homophily Group Friend-Network (T2)	-0.02	0.04	-0.53	83	.597
In-Degree Centrality Study-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.06	0.04	1.30	80	.206
In-Degree Centrality Study-Network (T1)	Homophily Race Friend-Network (T2)	0.03	0.04	0.66	80	.513
In-Degree Centrality Study-Network (T1)	Homophily School Friend-Network (T2)	0.05	0.04	1.10	80	.264
Out-Degree Centrality Study-Network (T1)	Diversity Friend-Network (T2)	0.04	0.04	1.20	86	.242
Out-Degree Centrality Study-Network (T1)	Homophily Age Friend-Network (T2)	0.06	0.04	1.40	80	.170
Out-Degree Centrality Study-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.02	0.04	0.61	80	.545
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.13	0.04	3.30	80	.002
Out-Degree Centrality Study-Network (T1)	Homophily Group Friend-Network (T2)	-0.03	0.04	-0.94	83	.349
Out-Degree Centrality Study-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.03	0.04	0.78	80	.440
Out-Degree Centrality Study-Network (T1)	Homophily Race Friend-Network (T2)	0.04	0.04	1.00	80	.320
Out-Degree Centrality Study-Network (T1)	Homophily School Friend-Network (T2)	0.09	0.04	2.30	80	.022
Tie Reciprocity Study-Network (T1)	Diversity Friend-Network (T2)	0.55	0.21	2.60	83	.012
Tie Reciprocity Study-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.23	0.24	0.94	77	.348
Tie Reciprocity Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.24	0.24	0.98	77	.332
Tie Reciprocity Study-Network (T1)	Homophily Gender Friend-Network (T2)	0.30	0.23	1.30	77	.211
Tie Reciprocity Study-Network (T1)	Homophily Group Friend-Network (T2)	-0.28	0.22	-1.30	80	.206
Tie Reciprocity Study-Network (T1)	Homophily Native Lang. Friend-Network (T2)	-0.22	0.25	-0.89	77	.378
Tie Reciprocity Study-Network (T1)	Homophily School Friend-Network (T2)	0.15	0.25	0.60	77	.553
Total Degree Centrality Study-Network (T1)	Diversity Friend-Network (T2)	0.03	0.04	1.10	86	.327
Total Degree Centrality Study-Network (T1)	Homophily Age Friend-Network (T2)	0.03	0.02	1.00	80	.295
Total Degree Centrality Study-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.03	0.04	0.89	80	.402
Total Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.11	0.04	2.80	80	.010
Total Degree Centrality Study-Network (T1)	Homophily Gender Friend-Network (T2)	0.10	0.06	1.70	80	.088
Total Degree Centrality Study-Network (T1)	Homophily Group Friend-Network (T2)	-0.04	0.04	-1.00	83	.311
Total Degree Centrality Study-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.03	0.04	0.80	80	.451
Total Degree Centrality Study-Network (T1)	Homophily Race Friend-Network (T2)	0.02	0.02	0.93	80	.356
Total Degree Centrality Study-Network (T1)	Homophily School Friend-Network (T2)	0.08	0.04	2.00	80	.052
Total Tie Reciprocity Study-Network (T1)	Diversity Friend-Network (T2)	0.44	0.18	2.40	77	.021
Total Tie Reciprocity Study-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.17	0.21	0.81	71	.420
Total Tie Reciprocity Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.23	0.21	1.10	71	.275
Total Tie Reciprocity Study-Network (T1)	Homophily Gender Friend-Network (T2)	0.24	0.20	1.20	71	.235
Total Tie Reciprocity Study-Network (T1)	Homophily Group Friend-Network (T2)	-0.19	0.19	-1.00	73	.315
Total Tie Reciprocity Study-Network (T1)	Homophily Native Lang. Friend-Network (T2)	-0.20	0.21	-0.92	71	.359

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 26: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Friend-Network (T2)	0.16	0.07	2.30	86	.025
Alter Weight Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.22	0.08	2.90	80	.005
Alter Weight Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.43	0.14	3.10	80	.002
Alter Weight Support-Network (T1)	Diversity Friend-Network (T2)	0.19	0.09	2.10	86	.035
Alter Weight Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.21	0.10	2.00	80	.044
Betweenness Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	0.00	0.00	2.80	80	.006
Closeness Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	10583.49	2817.15	3.80	80	.0000000
Eigenvector Centrality Friend-Network (T1)	Diversity Friend-Network (T2)	0.48	0.19	2.50	86	.016
Eigenvector Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.42	0.21	2.00	80	.050
Eigenvector Centrality Study-Network (T1)	Diversity Friend-Network (T2)	0.50	0.20	2.50	86	.013
Eigenvector Centrality Support-Network (T1)	Diversity Friend-Network (T2)	0.52	0.20	2.60	86	.012
In-Degree Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.08	0.03	2.70	78	.010
In-Degree Centrality Friend-Network (T1)	Homophily School Friend-Network (T2)	0.06	0.03	2.10	78	.043
In-Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.10	0.04	2.40	80	.017
In-Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.10	0.05	2.10	80	.040
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.06	0.03	2.40	78	.021
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.13	0.04	3.30	80	.002
Out-Degree Centrality Study-Network (T1)	Homophily School Friend-Network (T2)	0.09	0.04	2.30	80	.022
Out-Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.09	0.04	2.20	80	.034
Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.29	0.12	2.50	53	.015
Tie Reciprocity Study-Network (T1)	Diversity Friend-Network (T2)	0.55	0.21	2.60	83	.012
Tie Reciprocity Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.33	0.08	4.20	39	.0000000
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.05	0.02	2.50	79	.016
Total Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.11	0.04	2.80	80	.010
Total Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.07	0.03	2.30	80	.027
Total Tie Reciprocity Study-Network (T1)	Diversity Friend-Network (T2)	0.44	0.18	2.40	77	.021
Total Tie Reciprocity Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.33	0.10	3.40	34	.002

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 27: Network Centrality Predicting Network Diversity and Homophily Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Friend-Network (T2)	0.16	0.07	2.30	86	.025
Alter Weight Friend-Network (T1)	Homophily Age Friend-Network (T2)	0.10	0.08	1.20	80	.228
Alter Weight Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.11	0.08	1.40	80	.179
Alter Weight Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.22	0.08	2.90	80	.005
Alter Weight Friend-Network (T1)	Homophily Group Friend-Network (T2)	-0.05	0.07	-0.74	83	.460
Alter Weight Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.07	0.08	0.84	80	.406
Alter Weight Friend-Network (T1)	Homophily School Friend-Network (T2)	0.14	0.08	1.80	80	.072
Betweenness Centrality Friend-Network (T1)	Diversity Friend-Network (T2)	0.00	0.00	0.60	86	.548
Betweenness Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	0.00	0.00	2.80	80	.006
Betweenness Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.00	0.00	1.60	80	.115
Betweenness Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.00	0.00	0.98	80	.332
Betweenness Centrality Friend-Network (T1)	Homophily Group Friend-Network (T2)	-0.00	0.00	-0.81	83	.420
Betweenness Centrality Friend-Network (T1)	Homophily Race Friend-Network (T2)	-0.00	0.00	-1.20	80	.238
Closeness Centrality Friend-Network (T1)	Diversity Friend-Network (T2)	2601.26	2558.86	1.00	86	.312
Closeness Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	10583.49	2817.15	3.80	80	.0000000
Closeness Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	1651.32	2875.51	0.57	80	.567
Closeness Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	5252.37	2893.95	1.80	80	.073
Closeness Centrality Friend-Network (T1)	Homophily Group Friend-Network (T2)	-4332.28	2519.46	-1.70	83	.089
Closeness Centrality Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	-1611.24	2933.12	-0.55	80	.584
Closeness Centrality Friend-Network (T1)	Homophily Race Friend-Network (T2)	-3309.22	2643.07	-1.20	80	.214
Eigenvector Centrality Friend-Network (T1)	Diversity Friend-Network (T2)	0.48	0.19	2.50	86	.016
Eigenvector Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.42	0.21	2.00	80	.050
Eigenvector Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.18	0.22	0.80	80	.428
Eigenvector Centrality Friend-Network (T1)	Homophily Gender Friend-Network (T2)	0.34	0.21	1.60	80	.106
Eigenvector Centrality Friend-Network (T1)	Homophily Group Friend-Network (T2)	-0.23	0.20	-1.20	83	.241
Eigenvector Centrality Friend-Network (T1)	Homophily Race Friend-Network (T2)	-0.29	0.20	-1.40	80	.152
Eigenvector Centrality Friend-Network (T1)	Homophily School Friend-Network (T2)	0.28	0.22	1.30	80	.196
In-Degree Centrality Friend-Network (T1)	Diversity Friend-Network (T2)	0.03	0.03	1.10	84	.290
In-Degree Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	0.05	0.03	1.40	78	.172
In-Degree Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.08	0.03	2.70	78	.010
In-Degree Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.06	0.03	1.80	78	.071
In-Degree Centrality Friend-Network (T1)	Homophily Gender Friend-Network (T2)	-0.02	0.03	-0.70	78	.485
In-Degree Centrality Friend-Network (T1)	Homophily Group Friend-Network (T2)	-0.04	0.03	-1.30	81	.186
In-Degree Centrality Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.06	0.03	1.90	78	.061
In-Degree Centrality Friend-Network (T1)	Homophily Race Friend-Network (T2)	0.02	0.03	0.69	78	.493
In-Degree Centrality Friend-Network (T1)	Homophily School Friend-Network (T2)	0.06	0.03	2.10	78	.043
Out-Degree Centrality Friend-Network (T1)	Diversity Friend-Network (T2)	0.05	0.02	1.80	84	.068
Out-Degree Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	0.04	0.03	1.60	78	.125
Out-Degree Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.04	0.03	1.70	78	.100
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.06	0.03	2.40	78	.021
Out-Degree Centrality Friend-Network (T1)	Homophily Gender Friend-Network (T2)	-0.01	0.03	-0.49	78	.623
Out-Degree Centrality Friend-Network (T1)	Homophily Group Friend-Network (T2)	-0.01	0.02	-0.59	81	.558
Out-Degree Centrality Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.03	0.03	1.10	78	.267
Out-Degree Centrality Friend-Network (T1)	Homophily School Friend-Network (T2)	0.04	0.03	1.40	78	.158
Tie Reciprocity Friend-Network (T1)	Diversity Friend-Network (T2)	-0.13	0.11	-1.20	58	.217
Tie Reciprocity Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.14	0.12	1.10	53	.270
Tie Reciprocity Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.12	0.10	1.20	53	.247
Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.29	0.12	2.50	53	.015
Tie Reciprocity Friend-Network (T1)	Homophily Race Friend-Network (T2)	0.18	0.12	1.60	53	.124
Total Degree Centrality Friend-Network (T1)	Diversity Friend-Network (T2)	0.03	0.02	1.80	85	.086
Total Degree Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	0.04	0.02	1.70	79	.097
Total Degree Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.03	0.02	1.80	79	.108
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.05	0.02	2.50	79	.016
Total Degree Centrality Friend-Network (T1)	Homophily Gender Friend-Network (T2)	-0.01	0.02	-0.64	78	.526
Total Degree Centrality Friend-Network (T1)	Homophily Group Friend-Network (T2)	-0.01	0.01	-1.00	81	.313
Total Degree Centrality Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.03	0.02	1.40	79	.174
Total Degree Centrality Friend-Network (T1)	Homophily Race Friend-Network (T2)	0.01	0.02	0.70	79	.491
Total Degree Centrality Friend-Network (T1)	Homophily School Friend-Network (T2)	0.03	0.02	1.70	79	.094
Total Tie Reciprocity Friend-Network (T1)	Diversity Friend-Network (T2)	-0.15	0.11	-1.30	55	.186
Total Tie Reciprocity Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.18	0.14	1.30	50	.208
Total Tie Reciprocity Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.07	0.12	0.64	50	.525
Total Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.23	0.13	1.80	50	.085
Total Tie Reciprocity Friend-Network (T1)	Homophily Race Friend-Network (T2)	0.23	0.13	1.70	50	.094
Total Tie Reciprocity Friend-Network (T1)	Homophily School Friend-Network (T2)	-0.08	0.14	-0.57	50	.568

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 28: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Friend-Network (T2)	0.16	0.07	2.30	86	.025
Alter Weight Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.22	0.08	2.90	80	.005
Alter Weight Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.43	0.14	3.10	80	.002
Alter Weight Support-Network (T1)	Diversity Friend-Network (T2)	0.19	0.09	2.10	86	.035
Alter Weight Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.21	0.10	2.00	80	.044
Betweenness Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	0.00	0.00	2.80	80	.006
Closeness Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	10583.49	2817.15	3.80	80	.0000000
Eigenvector Centrality Friend-Network (T1)	Diversity Friend-Network (T2)	0.48	0.19	2.50	86	.016
Eigenvector Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.42	0.21	2.00	80	.050
Eigenvector Centrality Study-Network (T1)	Diversity Friend-Network (T2)	0.50	0.20	2.50	86	.013
Eigenvector Centrality Support-Network (T1)	Diversity Friend-Network (T2)	0.52	0.20	2.60	86	.012
In-Degree Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.08	0.03	2.70	78	.010
In-Degree Centrality Friend-Network (T1)	Homophily School Friend-Network (T2)	0.06	0.03	2.10	78	.043
In-Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.10	0.04	2.40	80	.017
In-Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.10	0.05	2.10	80	.040
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.06	0.03	2.40	78	.021
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.13	0.04	3.30	80	.002
Out-Degree Centrality Study-Network (T1)	Homophily School Friend-Network (T2)	0.09	0.04	2.30	80	.022
Out-Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.09	0.04	2.20	80	.034
Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.29	0.12	2.50	53	.015
Tie Reciprocity Study-Network (T1)	Diversity Friend-Network (T2)	0.55	0.21	2.60	83	.012
Tie Reciprocity Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.33	0.08	4.20	39	.0000000
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.05	0.02	2.50	79	.016
Total Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.11	0.04	2.80	80	.010
Total Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.07	0.03	2.30	80	.027
Total Tie Reciprocity Study-Network (T1)	Diversity Friend-Network (T2)	0.44	0.18	2.40	77	.021
Total Tie Reciprocity Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.33	0.10	3.40	34	.002

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 29: Network Centrality Predicting Network Diversity and Homophily Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Support-Network (T1)	Diversity Friend-Network (T2)	0.19	0.09	2.10	86	.035
Alter Weight Support-Network (T1)	Homophily Age Friend-Network (T2)	0.17	0.11	1.60	80	.109
Alter Weight Support-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.17	0.10	1.70	80	.095
Alter Weight Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.21	0.10	2.00	80	.044
Alter Weight Support-Network (T1)	Homophily Group Friend-Network (T2)	-0.11	0.09	-1.20	83	.247
Alter Weight Support-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.08	0.10	0.76	80	.449
Alter Weight Support-Network (T1)	Homophily Race Friend-Network (T2)	0.05	0.09	0.57	80	.572
Alter Weight Support-Network (T1)	Homophily School Friend-Network (T2)	0.11	0.10	1.10	80	.273
Betweenness Centrality Support-Network (T1)	Diversity Friend-Network (T2)	0.01	0.01	1.20	86	.216
Betweenness Centrality Support-Network (T1)	Homophily Age Friend-Network (T2)	0.01	0.02	0.59	80	.555
Betweenness Centrality Support-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.02	0.01	1.60	80	.108
Betweenness Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.01	0.01	0.97	80	.336
Betweenness Centrality Support-Network (T1)	Homophily Gender Friend-Network (T2)	0.01	0.01	0.85	80	.398
Betweenness Centrality Support-Network (T1)	Homophily Group Friend-Network (T2)	-0.02	0.01	-1.40	83	.166
Betweenness Centrality Support-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.01	0.01	0.72	80	.471
Betweenness Centrality Support-Network (T1)	Homophily School Friend-Network (T2)	0.02	0.01	1.10	80	.278
Closeness Centrality Support-Network (T1)	Diversity Friend-Network (T2)	31878.42	34541.80	0.92	86	.359
Closeness Centrality Support-Network (T1)	Homophily Age Friend-Network (T2)	61953.88	41753.83	1.50	80	.142
Closeness Centrality Support-Network (T1)	Homophily Class-Year Friend-Network (T2)	57641.77	39388.68	1.50	80	.147
Closeness Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	54541.58	40445.80	1.40	80	.181
Closeness Centrality Support-Network (T1)	Homophily Native Lang. Friend-Network (T2)	26868.23	40594.07	0.66	80	.510
Closeness Centrality Support-Network (T1)	Homophily Race Friend-Network (T2)	44616.09	36629.64	1.20	80	.227
Closeness Centrality Support-Network (T1)	Homophily School Friend-Network (T2)	37626.55	40188.22	0.94	80	.352
Eigenvector Centrality Support-Network (T1)	Diversity Friend-Network (T2)	0.52	0.20	2.60	86	.012
Eigenvector Centrality Support-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.41	0.22	1.80	80	.071
Eigenvector Centrality Support-Network (T1)	Homophily Gender Friend-Network (T2)	0.29	0.22	1.30	80	.184
Eigenvector Centrality Support-Network (T1)	Homophily Group Friend-Network (T2)	-0.20	0.20	-0.96	83	.338
Eigenvector Centrality Support-Network (T1)	Homophily Race Friend-Network (T2)	-0.20	0.21	-0.98	80	.329
Eigenvector Centrality Support-Network (T1)	Homophily School Friend-Network (T2)	0.30	0.23	1.40	80	.181
In-Degree Centrality Support-Network (T1)	Diversity Friend-Network (T2)	0.04	0.04	0.99	86	.327
In-Degree Centrality Support-Network (T1)	Homophily Age Friend-Network (T2)	0.08	0.05	1.70	80	.094
In-Degree Centrality Support-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.09	0.05	1.90	80	.055
In-Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.10	0.05	2.10	80	.040
In-Degree Centrality Support-Network (T1)	Homophily Gender Friend-Network (T2)	0.03	0.05	0.70	80	.488
In-Degree Centrality Support-Network (T1)	Homophily Group Friend-Network (T2)	-0.05	0.04	-1.20	83	.219
In-Degree Centrality Support-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.08	0.05	1.80	80	.082
In-Degree Centrality Support-Network (T1)	Homophily School Friend-Network (T2)	0.06	0.05	1.20	80	.216
Out-Degree Centrality Support-Network (T1)	Diversity Friend-Network (T2)	0.07	0.04	1.90	86	.058
Out-Degree Centrality Support-Network (T1)	Homophily Age Friend-Network (T2)	0.07	0.04	1.80	80	.085
Out-Degree Centrality Support-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.06	0.04	1.60	80	.126
Out-Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.09	0.04	2.20	80	.034
Out-Degree Centrality Support-Network (T1)	Homophily Group Friend-Network (T2)	-0.04	0.04	-1.20	83	.218
Out-Degree Centrality Support-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.05	0.04	1.10	80	.267
Out-Degree Centrality Support-Network (T1)	Homophily Race Friend-Network (T2)	0.02	0.04	0.46	80	.648
Out-Degree Centrality Support-Network (T1)	Homophily School Friend-Network (T2)	0.05	0.04	1.30	80	.202
Tie Reciprocity Support-Network (T1)	Diversity Friend-Network (T2)	-0.07	0.11	-0.64	42	.528
Tie Reciprocity Support-Network (T1)	Homophily Age Friend-Network (T2)	0.14	0.13	1.10	39	.298
Tie Reciprocity Support-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.07	0.13	0.58	39	.565
Tie Reciprocity Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.33	0.08	4.20	39	.0000000
Tie Reciprocity Support-Network (T1)	Homophily Gender Friend-Network (T2)	0.13	0.12	1.10	39	.279
Tie Reciprocity Support-Network (T1)	Homophily Group Friend-Network (T2)	-0.11	0.11	-1.00	41	.317
Tie Reciprocity Support-Network (T1)	Homophily School Friend-Network (T2)	-0.09	0.12	-0.77	39	.446
Total Degree Centrality Support-Network (T1)	Diversity Friend-Network (T2)	0.05	0.03	1.80	86	.078
Total Degree Centrality Support-Network (T1)	Homophily Age Friend-Network (T2)	0.06	0.03	1.80	80	.070
Total Degree Centrality Support-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.05	0.03	1.80	80	.091
Total Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.07	0.03	2.30	80	.027
Total Degree Centrality Support-Network (T1)	Homophily Group Friend-Network (T2)	-0.04	0.03	-1.30	83	.193
Total Degree Centrality Support-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.04	0.03	1.40	80	.192
Total Degree Centrality Support-Network (T1)	Homophily Race Friend-Network (T2)	0.02	0.04	0.46	80	.648
Total Degree Centrality Support-Network (T1)	Homophily School Friend-Network (T2)	0.04	0.03	1.40	80	.181
Total Tie Reciprocity Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.33	0.10	3.40	34	.002
Total Tie Reciprocity Support-Network (T1)	Homophily Gender Friend-Network (T2)	0.07	0.15	0.49	34	.625
Total Tie Reciprocity Support-Network (T1)	Homophily Race Friend-Network (T2)	-0.10	0.14	-0.76	34	.450
Total Tie Reciprocity Support-Network (T1)	Homophily School Friend-Network (T2)	-0.19	0.14	-1.40	34	.172

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 30: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Friend-Network (T2)	0.16	0.07	2.30	86	.025
Alter Weight Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.22	0.08	2.90	80	.005
Alter Weight Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.43	0.14	3.10	80	.002
Alter Weight Support-Network (T1)	Diversity Friend-Network (T2)	0.19	0.09	2.10	86	.035
Alter Weight Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.21	0.10	2.00	80	.044
Betweenness Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	0.00	0.00	2.80	80	.006
Closeness Centrality Friend-Network (T1)	Homophily Age Friend-Network (T2)	10583.49	2817.15	3.80	80	.0000000
Eigenvector Centrality Friend-Network (T1)	Diversity Friend-Network (T2)	0.48	0.19	2.50	86	.016
Eigenvector Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.42	0.21	2.00	80	.050
Eigenvector Centrality Study-Network (T1)	Diversity Friend-Network (T2)	0.50	0.20	2.50	86	.013
Eigenvector Centrality Support-Network (T1)	Diversity Friend-Network (T2)	0.52	0.20	2.60	86	.012
In-Degree Centrality Friend-Network (T1)	Homophily Class-Year Friend-Network (T2)	0.08	0.03	2.70	78	.010
In-Degree Centrality Friend-Network (T1)	Homophily School Friend-Network (T2)	0.06	0.03	2.10	78	.043
In-Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.10	0.04	2.40	80	.017
In-Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.10	0.05	2.10	80	.040
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.06	0.03	2.40	78	.021
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.13	0.04	3.30	80	.002
Out-Degree Centrality Study-Network (T1)	Homophily School Friend-Network (T2)	0.09	0.04	2.30	80	.022
Out-Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.09	0.04	2.20	80	.034
Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Friend-Network (T2)	0.29	0.12	2.50	53	.015
Tie Reciprocity Study-Network (T1)	Diversity Friend-Network (T2)	0.55	0.21	2.60	83	.012
Tie Reciprocity Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.33	0.08	4.20	39	.0000000
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Friend-Network (T2)	0.05	0.02	2.50	79	.016
Total Degree Centrality Study-Network (T1)	Homophily Dorm Friend-Network (T2)	0.11	0.04	2.80	80	.010
Total Degree Centrality Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.07	0.03	2.30	80	.027
Total Tie Reciprocity Study-Network (T1)	Diversity Friend-Network (T2)	0.44	0.18	2.40	77	.021
Total Tie Reciprocity Support-Network (T1)	Homophily Dorm Friend-Network (T2)	0.33	0.10	3.40	34	.002

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 31: Network Centrality Predicting Network Diversity and Homophily Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Study-Network (T1)	Diversity Support-Network (T2)	0.29	0.12	2.50	95	.013
Alter Weight Study-Network (T1)	Homophily Age Support-Network (T2)	0.20	0.19	1.00	53	.298
Alter Weight Study-Network (T1)	Homophily Class-Year Support-Network (T2)	0.19	0.20	0.93	53	.358
Alter Weight Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.59	0.18	3.20	53	.002
Alter Weight Study-Network (T1)	Homophily Gender Support-Network (T2)	-0.10	0.17	-0.60	53	.551
Alter Weight Study-Network (T1)	Homophily Group Support-Network (T2)	-0.24	0.15	-1.60	58	.105
Alter Weight Study-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.36	0.19	1.80	53	.071
Alter Weight Study-Network (T1)	Homophily Race Support-Network (T2)	0.10	0.20	0.49	53	.624
Betweenness Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.02	0.01	1.10	95	.283
Betweenness Centrality Study-Network (T1)	Homophily Age Support-Network (T2)	0.02	0.02	1.20	53	.243
Betweenness Centrality Study-Network (T1)	Homophily Class-Year Support-Network (T2)	0.04	0.02	1.80	53	.085
Betweenness Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.01	0.02	0.52	53	.603
Betweenness Centrality Study-Network (T1)	Homophily Gender Support-Network (T2)	-0.02	0.02	-0.95	53	.346
Betweenness Centrality Study-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.03	0.02	1.30	53	.194
Betweenness Centrality Study-Network (T1)	Homophily Race Support-Network (T2)	-0.03	0.02	-1.30	53	.191
Closeness Centrality Study-Network (T1)	Diversity Support-Network (T2)	69323.19	32598.75	2.10	95	.036
Closeness Centrality Study-Network (T1)	Homophily Age Support-Network (T2)	53371.46	47923.87	1.10	53	.270
Closeness Centrality Study-Network (T1)	Homophily Class-Year Support-Network (T2)	44708.76	51916.83	0.86	53	.393
Closeness Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	63695.32	50821.47	1.20	53	.216
Closeness Centrality Study-Network (T1)	Homophily Group Support-Network (T2)	-22275.60	38741.14	-0.57	58	.568
Closeness Centrality Study-Network (T1)	Homophily Native Lang. Support-Network (T2)	38453.42	51501.67	0.75	53	.459
Closeness Centrality Study-Network (T1)	Homophily Race Support-Network (T2)	-62539.47	50471.73	-1.20	53	.221
Eigenvector Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.56	0.18	3.00	95	.003
Eigenvector Centrality Study-Network (T1)	Homophily Age Support-Network (T2)	0.15	0.25	0.58	53	.562
Eigenvector Centrality Study-Network (T1)	Homophily Class-Year Support-Network (T2)	0.30	0.27	1.10	53	.263
Eigenvector Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.25	0.27	0.94	53	.349
Eigenvector Centrality Study-Network (T1)	Homophily Gender Support-Network (T2)	0.14	0.23	0.62	53	.540
Eigenvector Centrality Study-Network (T1)	Homophily Group Support-Network (T2)	-0.20	0.20	-1.00	58	.319
Eigenvector Centrality Study-Network (T1)	Homophily Race Support-Network (T2)	-0.40	0.26	-1.50	53	.134
Eigenvector Centrality Study-Network (T1)	Homophily School Support-Network (T2)	0.35	0.28	1.20	53	.225
In-Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.11	0.03	3.30	95	.002
In-Degree Centrality Study-Network (T1)	Homophily Age Support-Network (T2)	0.05	0.05	0.86	53	.393
In-Degree Centrality Study-Network (T1)	Homophily Class-Year Support-Network (T2)	0.04	0.06	0.74	53	.461
In-Degree Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.06	0.06	1.10	53	.277
In-Degree Centrality Study-Network (T1)	Homophily Gender Support-Network (T2)	0.03	0.05	0.69	53	.493
In-Degree Centrality Study-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.04	0.06	0.71	53	.482
In-Degree Centrality Study-Network (T1)	Homophily School Support-Network (T2)	0.04	0.06	0.66	53	.512
Out-Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.08	0.03	2.60	95	.010
Out-Degree Centrality Study-Network (T1)	Homophily Age Support-Network (T2)	0.08	0.05	1.50	53	.133
Out-Degree Centrality Study-Network (T1)	Homophily Class-Year Support-Network (T2)	0.03	0.06	0.58	53	.564
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.17	0.05	3.30	53	.002
Out-Degree Centrality Study-Network (T1)	Homophily Group Support-Network (T2)	-0.05	0.04	-1.20	58	.227
Out-Degree Centrality Study-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.09	0.06	1.60	53	.125
Out-Degree Centrality Study-Network (T1)	Homophily Race Support-Network (T2)	0.03	0.06	0.53	53	.595
Out-Degree Centrality Study-Network (T1)	Homophily School Support-Network (T2)	0.04	0.06	0.58	53	.566
Tie Reciprocity Study-Network (T1)	Diversity Support-Network (T2)	0.40	0.20	2.00	92	.053
Tie Reciprocity Study-Network (T1)	Homophily Age Support-Network (T2)	0.14	0.29	0.48	50	.633
Tie Reciprocity Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.31	0.30	1.00	50	.300
Tie Reciprocity Study-Network (T1)	Homophily Gender Support-Network (T2)	0.19	0.26	0.75	50	.459
Tie Reciprocity Study-Network (T1)	Homophily Group Support-Network (T2)	-0.16	0.23	-0.66	55	.510
Tie Reciprocity Study-Network (T1)	Homophily Native Lang. Support-Network (T2)	-0.17	0.31	-0.55	50	.582
Tie Reciprocity Study-Network (T1)	Homophily Race Support-Network (T2)	-0.33	0.30	-1.10	50	.281
Tie Reciprocity Study-Network (T1)	Homophily School Support-Network (T2)	0.61	0.31	1.90	50	.060
Total Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.09	0.03	2.90	95	.010
Total Degree Centrality Study-Network (T1)	Homophily Age Support-Network (T2)	0.07	0.05	1.40	53	.168
Total Degree Centrality Study-Network (T1)	Homophily Class-Year Support-Network (T2)	0.03	0.06	0.63	53	.535
Total Degree Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.11	0.05	2.10	53	.047
Total Degree Centrality Study-Network (T1)	Homophily Gender Support-Network (T2)	0.03	0.07	0.47	53	.640
Total Degree Centrality Study-Network (T1)	Homophily Group Support-Network (T2)	-0.03	0.04	-0.76	58	.454
Total Degree Centrality Study-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.08	0.06	1.40	53	.184
Total Degree Centrality Study-Network (T1)	Homophily Race Support-Network (T2)	0.02	0.03	0.54	53	.590
Total Degree Centrality Study-Network (T1)	Homophily School Support-Network (T2)	0.02	0.03	0.70	53	.489
Total Tie Reciprocity Study-Network (T1)	Diversity Support-Network (T2)	0.25	0.18	1.40	86	.162
Total Tie Reciprocity Study-Network (T1)	Homophily Age Support-Network (T2)	0.24	0.24	1.00	47	.323
Total Tie Reciprocity Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.29	0.26	1.10	47	.274
Total Tie Reciprocity Study-Network (T1)	Homophily Gender Support-Network (T2)	0.17	0.21	0.79	47	.434
Total Tie Reciprocity Study-Network (T1)	Homophily Race Support-Network (T2)	-0.18	0.25	-0.70	47	.489
Total Tie Reciprocity Study-Network (T1)	Homophily School Support-Network (T2)	0.46	0.27	1.70	47	.093

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 32: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Support-Network (T2)	0.14	0.06	2.20	95	.029
Alter Weight Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.38	0.10	3.60	53	.001
Alter Weight Friend-Network (T1)	Homophily School Support-Network (T2)	0.25	0.12	2.00	53	.046
Alter Weight Study-Network (T1)	Diversity Support-Network (T2)	0.29	0.12	2.50	95	.013
Alter Weight Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.59	0.18	3.20	53	.002
Alter Weight Support-Network (T1)	Diversity Support-Network (T2)	0.19	0.08	2.30	95	.023
Alter Weight Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.40	0.14	2.90	53	.006
Betweenness Centrality Friend-Network (T1)	Homophily Age Support-Network (T2)	0.00	0.00	2.40	53	.018
Closeness Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	12811.65	3643.00	3.50	53	.001
Closeness Centrality Study-Network (T1)	Diversity Support-Network (T2)	69323.19	32598.75	2.10	95	.036
Eigenvector Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.49	0.18	2.70	95	.009
Eigenvector Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.56	0.18	3.00	95	.003
Eigenvector Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.58	0.19	3.10	95	.003
In-Degree Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.06	0.02	2.30	92	.025
In-Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.11	0.03	3.30	95	.002
In-Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.11	0.04	2.90	95	.004
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.08	0.03	2.30	51	.026
Out-Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.08	0.03	2.60	95	.010
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.17	0.05	3.30	53	.002
Out-Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.09	0.03	2.70	95	.008
Out-Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.15	0.05	2.80	53	.006
Tie Reciprocity Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.28	0.11	2.60	32	.014
Tie Reciprocity Support-Network (T1)	Homophily Group Support-Network (T2)	-0.27	0.11	-2.50	34	.019
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.08	0.03	2.60	52	.021
Total Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.09	0.03	2.90	95	.010
Total Degree Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.11	0.05	2.10	53	.047
Total Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.07	0.03	2.90	95	.005
Total Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.12	0.04	2.70	53	.010
Total Tie Reciprocity Friend-Network (T1)	Homophily Class-Year Support-Network (T2)	0.49	0.16	3.10	38	.004
Total Tie Reciprocity Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.42	0.11	3.70	27	.001
Total Tie Reciprocity Support-Network (T1)	Homophily Group Support-Network (T2)	-0.31	0.13	-2.40	29	.022

* Residualized change multiple regressions:
 controlling for age, race (minority/non-minority),
 and prior phases of the dependent variable

Table 33: Network Centrality Predicting Network Diversity and Homophily Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Support-Network (T2)	0.14	0.06	2.20	95	.029
Alter Weight Friend-Network (T1)	Homophily Age Support-Network (T2)	0.09	0.11	0.87	53	.388
Alter Weight Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.38	0.10	3.60	53	.001
Alter Weight Friend-Network (T1)	Homophily Gender Support-Network (T2)	-0.10	0.10	-1.10	53	.287
Alter Weight Friend-Network (T1)	Homophily Group Support-Network (T2)	-0.14	0.08	-1.70	58	.089
Alter Weight Friend-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.16	0.11	1.40	53	.162
Alter Weight Friend-Network (T1)	Homophily School Support-Network (T2)	0.25	0.12	2.00	53	.046
Betweenness Centrality Friend-Network (T1)	Diversity Support-Network (T2)	-0.00	0.00	-0.63	95	.533
Betweenness Centrality Friend-Network (T1)	Homophily Age Support-Network (T2)	0.00	0.00	2.40	53	.018
Betweenness Centrality Friend-Network (T1)	Homophily Class-Year Support-Network (T2)	-0.00	0.00	-1.40	53	.177
Betweenness Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.00	0.00	1.50	53	.136
Betweenness Centrality Friend-Network (T1)	Homophily Group Support-Network (T2)	-0.00	0.00	-0.72	58	.475
Betweenness Centrality Friend-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.00	0.00	1.60	53	.119
Betweenness Centrality Friend-Network (T1)	Homophily School Support-Network (T2)	0.00	0.00	0.64	53	.525
Closeness Centrality Friend-Network (T1)	Homophily Age Support-Network (T2)	7094.69	3676.58	1.90	53	.059
Closeness Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	12811.65	3643.00	3.50	53	.001
Closeness Centrality Friend-Network (T1)	Homophily Gender Support-Network (T2)	-3037.55	3397.10	-0.89	53	.375
Closeness Centrality Friend-Network (T1)	Homophily Group Support-Network (T2)	-5015.44	2935.90	-1.70	58	.093
Closeness Centrality Friend-Network (T1)	Homophily Native Lang. Support-Network (T2)	4352.16	4017.46	1.10	53	.284
Closeness Centrality Friend-Network (T1)	Homophily Race Support-Network (T2)	-7563.77	3879.95	-2.00	53	.056
Eigenvector Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.49	0.18	2.70	95	.009
Eigenvector Centrality Friend-Network (T1)	Homophily Age Support-Network (T2)	0.16	0.25	0.62	53	.537
Eigenvector Centrality Friend-Network (T1)	Homophily Class-Year Support-Network (T2)	0.23	0.27	0.85	53	.401
Eigenvector Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.30	0.27	1.10	53	.260
Eigenvector Centrality Friend-Network (T1)	Homophily Gender Support-Network (T2)	0.17	0.23	0.77	53	.445
Eigenvector Centrality Friend-Network (T1)	Homophily Group Support-Network (T2)	-0.23	0.20	-1.10	58	.266
Eigenvector Centrality Friend-Network (T1)	Homophily Race Support-Network (T2)	-0.44	0.26	-1.70	53	.094
Eigenvector Centrality Friend-Network (T1)	Homophily School Support-Network (T2)	0.43	0.28	1.50	53	.135
In-Degree Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.06	0.02	2.30	92	.025
In-Degree Centrality Friend-Network (T1)	Homophily Age Support-Network (T2)	0.06	0.04	1.50	51	.148
In-Degree Centrality Friend-Network (T1)	Homophily Class-Year Support-Network (T2)	0.05	0.05	0.99	51	.329
In-Degree Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.06	0.04	1.50	51	.150
In-Degree Centrality Friend-Network (T1)	Homophily Gender Support-Network (T2)	0.04	0.04	0.94	51	.351
In-Degree Centrality Friend-Network (T1)	Homophily Group Support-Network (T2)	-0.02	0.03	-0.59	56	.558
In-Degree Centrality Friend-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.05	0.05	1.10	51	.291
In-Degree Centrality Friend-Network (T1)	Homophily Race Support-Network (T2)	0.02	0.05	0.49	51	.623
In-Degree Centrality Friend-Network (T1)	Homophily School Support-Network (T2)	0.03	0.05	0.52	51	.604
Out-Degree Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.04	0.02	1.60	92	.112
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.08	0.03	2.30	51	.026
Out-Degree Centrality Friend-Network (T1)	Homophily Gender Support-Network (T2)	-0.06	0.04	-1.70	51	.094
Out-Degree Centrality Friend-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.03	0.04	0.73	51	.470
Out-Degree Centrality Friend-Network (T1)	Homophily School Support-Network (T2)	0.04	0.05	0.85	51	.397
Tie Reciprocity Friend-Network (T1)	Diversity Support-Network (T2)	0.17	0.10	1.80	58	.084
Tie Reciprocity Friend-Network (T1)	Homophily Age Support-Network (T2)	0.22	0.16	1.40	41	.182
Tie Reciprocity Friend-Network (T1)	Homophily Class-Year Support-Network (T2)	0.11	0.17	0.67	41	.505
Tie Reciprocity Friend-Network (T1)	Homophily Group Support-Network (T2)	0.07	0.12	0.58	43	.562
Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.16	0.16	0.96	41	.340
Tie Reciprocity Friend-Network (T1)	Homophily Race Support-Network (T2)	0.32	0.16	2.00	41	.057
Tie Reciprocity Friend-Network (T1)	Homophily School Support-Network (T2)	-0.22	0.18	-1.20	41	.229
Total Degree Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.03	0.02	1.80	94	.096
Total Degree Centrality Friend-Network (T1)	Homophily Age Support-Network (T2)	0.04	0.03	1.10	52	.268
Total Degree Centrality Friend-Network (T1)	Homophily Class-Year Support-Network (T2)	-0.01	0.03	-0.10	52	.558
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.08	0.03	2.60	52	.021
Total Degree Centrality Friend-Network (T1)	Homophily Gender Support-Network (T2)	-0.03	0.03	-0.99	52	.389
Total Degree Centrality Friend-Network (T1)	Homophily Group Support-Network (T2)	-0.01	0.02	-0.59	57	.556
Total Degree Centrality Friend-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.04	0.03	1.10	52	.280
Total Degree Centrality Friend-Network (T1)	Homophily School Support-Network (T2)	0.04	0.04	1.20	52	.286
Total Tie Reciprocity Friend-Network (T1)	Diversity Support-Network (T2)	0.19	0.11	1.70	53	.089
Total Tie Reciprocity Friend-Network (T1)	Homophily Age Support-Network (T2)	0.27	0.18	1.50	38	.148
Total Tie Reciprocity Friend-Network (T1)	Homophily Class-Year Support-Network (T2)	0.49	0.16	3.10	38	.004
Total Tie Reciprocity Friend-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.21	0.18	1.20	38	.255
Total Tie Reciprocity Friend-Network (T1)	Homophily Race Support-Network (T2)	0.20	0.19	1.10	38	.288
Total Tie Reciprocity Friend-Network (T1)	Homophily School Support-Network (T2)	-0.28	0.20	-1.40	38	.178

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 34: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Support-Network (T2)	0.14	0.06	2.20	95	.029
Alter Weight Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.38	0.10	3.60	53	.001
Alter Weight Friend-Network (T1)	Homophily School Support-Network (T2)	0.25	0.12	2.00	53	.046
Alter Weight Study-Network (T1)	Diversity Support-Network (T2)	0.29	0.12	2.50	95	.013
Alter Weight Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.59	0.18	3.20	53	.002
Alter Weight Support-Network (T1)	Diversity Support-Network (T2)	0.19	0.08	2.30	95	.023
Alter Weight Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.40	0.14	2.90	53	.006
Betweenness Centrality Friend-Network (T1)	Homophily Age Support-Network (T2)	0.00	0.00	2.40	53	.018
Closeness Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	12811.65	3643.00	3.50	53	.001
Closeness Centrality Study-Network (T1)	Diversity Support-Network (T2)	69323.19	32598.75	2.10	95	.036
Eigenvector Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.49	0.18	2.70	95	.009
Eigenvector Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.56	0.18	3.00	95	.003
Eigenvector Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.58	0.19	3.10	95	.003
In-Degree Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.06	0.02	2.30	92	.025
In-Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.11	0.03	3.30	95	.002
In-Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.11	0.04	2.90	95	.004
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.08	0.03	2.30	51	.026
Out-Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.08	0.03	2.60	95	.010
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.17	0.05	3.30	53	.002
Out-Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.09	0.03	2.70	95	.008
Out-Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.15	0.05	2.80	53	.006
Tie Reciprocity Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.28	0.11	2.60	32	.014
Tie Reciprocity Support-Network (T1)	Homophily Group Support-Network (T2)	-0.27	0.11	-2.50	34	.019
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.08	0.03	2.60	52	.021
Total Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.09	0.03	2.90	95	.010
Total Degree Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.11	0.05	2.10	53	.047
Total Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.07	0.03	2.90	95	.005
Total Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.12	0.04	2.70	53	.010
Total Tie Reciprocity Friend-Network (T1)	Homophily Class-Year Support-Network (T2)	0.49	0.16	3.10	38	.004
Total Tie Reciprocity Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.42	0.11	3.70	27	.001
Total Tie Reciprocity Support-Network (T1)	Homophily Group Support-Network (T2)	-0.31	0.13	-2.40	29	.022

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 35: Network Centrality Predicting Network Diversity and Homophily Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Support-Network (T1)	Diversity Support-Network (T2)	0.19	0.08	2.30	95	.023
Alter Weight Support-Network (T1)	Homophily Age Support-Network (T2)	0.15	0.14	1.10	53	.287
Alter Weight Support-Network (T1)	Homophily Class-Year Support-Network (T2)	0.25	0.15	1.70	53	.097
Alter Weight Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.40	0.14	2.90	53	.006
Alter Weight Support-Network (T1)	Homophily Gender Support-Network (T2)	-0.13	0.13	-1.00	53	.301
Alter Weight Support-Network (T1)	Homophily Group Support-Network (T2)	-0.11	0.11	-1.00	58	.311
Alter Weight Support-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.19	0.15	1.30	53	.198
Alter Weight Support-Network (T1)	Homophily School Support-Network (T2)	0.15	0.16	0.96	53	.340
Betweenness Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.02	0.01	1.80	95	.077
Betweenness Centrality Support-Network (T1)	Homophily Age Support-Network (T2)	0.02	0.01	1.70	53	.103
Betweenness Centrality Support-Network (T1)	Homophily Class-Year Support-Network (T2)	0.03	0.02	1.90	53	.066
Betweenness Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.01	0.02	0.81	53	.421
Betweenness Centrality Support-Network (T1)	Homophily Gender Support-Network (T2)	-0.01	0.01	-0.91	53	.369
Betweenness Centrality Support-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.02	0.02	1.30	53	.214
Betweenness Centrality Support-Network (T1)	Homophily Race Support-Network (T2)	-0.02	0.02	-1.40	53	.173
Closeness Centrality Support-Network (T1)	Diversity Support-Network (T2)	63083.13	32618.08	1.90	95	.056
Closeness Centrality Support-Network (T1)	Homophily Age Support-Network (T2)	75157.30	47393.58	1.60	53	.119
Closeness Centrality Support-Network (T1)	Homophily Class-Year Support-Network (T2)	58351.99	51686.41	1.10	53	.264
Closeness Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	82937.92	50320.67	1.60	53	.105
Closeness Centrality Support-Network (T1)	Homophily Gender Support-Network (T2)	-34963.47	43382.22	-0.81	53	.424
Closeness Centrality Support-Network (T1)	Homophily Group Support-Network (T2)	-36815.81	38679.80	-0.95	58	.345
Closeness Centrality Support-Network (T1)	Homophily Native Lang. Support-Network (T2)	49416.87	51350.29	0.96	53	.340
Closeness Centrality Support-Network (T1)	Homophily Race Support-Network (T2)	-70660.60	50294.48	-1.40	53	.166
Eigenvector Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.58	0.19	3.10	95	.003
Eigenvector Centrality Support-Network (T1)	Homophily Age Support-Network (T2)	0.14	0.26	0.55	53	.584
Eigenvector Centrality Support-Network (T1)	Homophily Class-Year Support-Network (T2)	0.32	0.27	1.20	53	.252
Eigenvector Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.26	0.27	0.95	53	.347
Eigenvector Centrality Support-Network (T1)	Homophily Gender Support-Network (T2)	0.16	0.23	0.68	53	.500
Eigenvector Centrality Support-Network (T1)	Homophily Group Support-Network (T2)	-0.21	0.21	-0.99	58	.326
Eigenvector Centrality Support-Network (T1)	Homophily Race Support-Network (T2)	-0.39	0.27	-1.50	53	.144
Eigenvector Centrality Support-Network (T1)	Homophily School Support-Network (T2)	0.39	0.29	1.40	53	.181
In-Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.11	0.04	2.90	95	.004
In-Degree Centrality Support-Network (T1)	Homophily Age Support-Network (T2)	0.10	0.06	1.60	53	.111
In-Degree Centrality Support-Network (T1)	Homophily Class-Year Support-Network (T2)	0.06	0.06	0.89	53	.378
In-Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.11	0.06	1.70	53	.088
In-Degree Centrality Support-Network (T1)	Homophily Gender Support-Network (T2)	0.03	0.05	0.59	53	.555
In-Degree Centrality Support-Network (T1)	Homophily Group Support-Network (T2)	-0.06	0.05	-1.20	58	.232
In-Degree Centrality Support-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.06	0.06	0.93	53	.356
In-Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.09	0.03	2.70	95	.008
In-Degree Centrality Support-Network (T1)	Homophily Age Support-Network (T2)	0.07	0.05	1.30	53	.187
In-Degree Centrality Support-Network (T1)	Homophily Class-Year Support-Network (T2)	0.09	0.06	1.60	53	.114
In-Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.15	0.05	2.80	53	.006
In-Degree Centrality Support-Network (T1)	Homophily Gender Support-Network (T2)	-0.07	0.05	-1.40	53	.155
In-Degree Centrality Support-Network (T1)	Homophily Group Support-Network (T2)	-0.02	0.04	-0.54	58	.589
In-Degree Centrality Support-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.08	0.06	1.40	53	.170
In-Degree Centrality Support-Network (T1)	Homophily School Support-Network (T2)	0.06	0.06	0.94	53	.350
Out-Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.06	0.11	0.59	43	.561
Out-Degree Centrality Support-Network (T1)	Homophily Age Support-Network (T2)	0.21	0.16	1.30	32	.195
Out-Degree Centrality Support-Network (T1)	Homophily Class-Year Support-Network (T2)	-0.09	0.17	-0.51	32	.612
Out-Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.28	0.11	2.60	32	.014
Out-Degree Centrality Support-Network (T1)	Homophily Gender Support-Network (T2)	0.25	0.15	1.70	32	.098
Out-Degree Centrality Support-Network (T1)	Homophily Group Support-Network (T2)	-0.27	0.11	-2.50	34	.019
Out-Degree Centrality Support-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.10	0.16	0.62	32	.539
Out-Degree Centrality Support-Network (T1)	Homophily School Support-Network (T2)	-0.09	0.18	-0.47	32	.645
Tie Reciprocity Support-Network (T1)	Diversity Support-Network (T2)	0.07	0.03	2.90	95	.005
Tie Reciprocity Support-Network (T1)	Homophily Age Support-Network (T2)	0.06	0.04	1.50	53	.150
Tie Reciprocity Support-Network (T1)	Homophily Class-Year Support-Network (T2)	0.07	0.04	1.50	53	.143
Tie Reciprocity Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.12	0.04	2.70	53	.010
Tie Reciprocity Support-Network (T1)	Homophily Gender Support-Network (T2)	-0.04	0.04	-0.98	53	.382
Tie Reciprocity Support-Network (T1)	Homophily Group Support-Network (T2)	-0.02	0.03	-0.74	58	.472
Tie Reciprocity Support-Network (T1)	Homophily Native Lang. Support-Network (T2)	0.06	0.04	1.30	53	.187
Tie Reciprocity Support-Network (T1)	Homophily School Support-Network (T2)	0.04	0.05	0.84	53	.408
Tie Reciprocity Support-Network (T1)	Homophily Age Support-Network (T2)	0.16	0.19	0.86	27	.399
Total Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.42	0.11	3.70	27	.001
Total Degree Centrality Support-Network (T1)	Homophily Gender Support-Network (T2)	0.09	0.17	0.53	27	.600
Total Degree Centrality Support-Network (T1)	Homophily Group Support-Network (T2)	-0.31	0.13	-2.40	29	.022

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 36: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Alter Weight Friend-Network (T1)	Diversity Support-Network (T2)	0.14	0.06	2.20	95	.029
Alter Weight Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.38	0.10	3.60	53	.001
Alter Weight Friend-Network (T1)	Homophily School Support-Network (T2)	0.25	0.12	2.00	53	.046
Alter Weight Study-Network (T1)	Diversity Support-Network (T2)	0.29	0.12	2.50	95	.013
Alter Weight Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.59	0.18	3.20	53	.002
Alter Weight Support-Network (T1)	Diversity Support-Network (T2)	0.19	0.08	2.30	95	.023
Alter Weight Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.40	0.14	2.90	53	.006
Betweenness Centrality Friend-Network (T1)	Homophily Age Support-Network (T2)	0.00	0.00	2.40	53	.018
Closeness Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	12811.65	3643.00	3.50	53	.001
Closeness Centrality Study-Network (T1)	Diversity Support-Network (T2)	69323.19	32598.75	2.10	95	.036
Eigenvector Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.49	0.18	2.70	95	.009
Eigenvector Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.56	0.18	3.00	95	.003
Eigenvector Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.58	0.19	3.10	95	.003
In-Degree Centrality Friend-Network (T1)	Diversity Support-Network (T2)	0.06	0.02	2.30	92	.025
In-Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.11	0.03	3.30	95	.002
In-Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.11	0.04	2.90	95	.004
Out-Degree Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.08	0.03	2.30	51	.026
Out-Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.08	0.03	2.60	95	.010
Out-Degree Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.17	0.05	3.30	53	.002
Out-Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.09	0.03	2.70	95	.008
Out-Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.15	0.05	2.80	53	.006
Tie Reciprocity Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.28	0.11	2.60	32	.014
Tie Reciprocity Support-Network (T1)	Homophily Group Support-Network (T2)	-0.27	0.11	-2.50	34	.019
Total Degree Centrality Friend-Network (T1)	Homophily Dorm Support-Network (T2)	0.08	0.03	2.60	52	.021
Total Degree Centrality Study-Network (T1)	Diversity Support-Network (T2)	0.09	0.03	2.90	95	.010
Total Degree Centrality Study-Network (T1)	Homophily Dorm Support-Network (T2)	0.11	0.05	2.10	53	.047
Total Degree Centrality Support-Network (T1)	Diversity Support-Network (T2)	0.07	0.03	2.90	95	.005
Total Degree Centrality Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.12	0.04	2.70	53	.010
Total Tie Reciprocity Friend-Network (T1)	Homophily Class-Year Support-Network (T2)	0.49	0.16	3.10	38	.004
Total Tie Reciprocity Support-Network (T1)	Homophily Dorm Support-Network (T2)	0.42	0.11	3.70	27	.001
Total Tie Reciprocity Support-Network (T1)	Homophily Group Support-Network (T2)	-0.31	0.13	-2.40	29	.022

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 37: Diversity-Relevant Variables Predict Diversity Ideology Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Study-Network (T1)	Descriptive Colorblindness (T2)	-0.21	0.32	-0.66	96	.513
Diversity Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.45	0.29	1.50	96	.129
Diversity Study-Network (T1)	Descriptive Multiculturalism (T2)	-0.30	0.27	-1.00	98	.334
Diversity Study-Network (T1)	Prescriptive Colorblindness (T2)	-0.34	0.43	-0.79	95	.429
Diversity Study-Network (T1)	Prescriptive Multiculturalism (T2)	-0.15	0.26	-0.57	95	.570
Homophily Age Study-Network (T1)	Descriptive Colorblindness (T2)	-0.10	0.30	-0.32	37	.752
Homophily Age Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.43	0.30	1.40	37	.161
Homophily Age Study-Network (T1)	Descriptive Multiculturalism (T2)	0.40	0.24	1.60	38	.157
Homophily Age Study-Network (T1)	Prescriptive Colorblindness (T2)	-0.37	0.42	-0.88	38	.387
Homophily Age Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.19	0.29	0.65	36	.518
Homophily Class-Year Study-Network (T1)	Descriptive Colorblindness (T2)	0.32	0.28	1.20	37	.252
Homophily Class-Year Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.19	0.29	-0.66	37	.513
Homophily Class-Year Study-Network (T1)	Descriptive Multiculturalism (T2)	-0.19	0.24	-0.74	38	.470
Homophily Class-Year Study-Network (T1)	Prescriptive Colorblindness (T2)	0.20	0.43	0.47	38	.640
Homophily Class-Year Study-Network (T1)	Prescriptive Multiculturalism (T2)	-0.28	0.26	-1.10	36	.290
Homophily Dorm Study-Network (T1)	Descriptive Colorblindness (T2)	-0.66	0.58	-1.10	37	.264
Homophily Dorm Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.56	0.60	0.93	37	.360
Homophily Dorm Study-Network (T1)	Descriptive Multiculturalism (T2)	0.85	0.42	2.20	38	.243
Homophily Dorm Study-Network (T1)	Prescriptive Colorblindness (T2)	-1.79	0.61	-3.10	37	.040
Homophily Dorm Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.88	0.54	1.60	36	.113
Homophily Gender Study-Network (T1)	Descriptive Colorblindness (T2)	0.15	0.31	0.47	37	.639
Homophily Gender Study-Network (T1)	Descriptive Multiculturalism (T2)	0.24	0.27	0.77	38	.427
Homophily Gender Study-Network (T1)	Prescriptive Colorblindness (T2)	0.02	0.41	0.11	37	.412
Homophily Gender Study-Network (T1)	Prescriptive Multiculturalism (T2)	-0.32	0.29	-1.10	36	.271
Homophily Group Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.26	0.28	-0.90	41	.374
Homophily Group Study-Network (T1)	Descriptive Multiculturalism (T2)	-0.24	0.23	-1.10	42	.312
Homophily Group Study-Network (T1)	Prescriptive Colorblindness (T2)	-0.23	0.36	-0.60	41	.557
Homophily Group Study-Network (T1)	Prescriptive Multiculturalism (T2)	0.20	0.20	0.99	40	.328
Homophily Native Lang. Study-Network (T1)	Descriptive Colorblindness (T2)	0.09	0.27	0.35	37	.731
Homophily Native Lang. Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.34	0.27	-1.30	37	.211
Homophily Native Lang. Study-Network (T1)	Descriptive Multiculturalism (T2)	-0.33	0.22	-1.50	38	.159
Homophily Native Lang. Study-Network (T1)	Prescriptive Colorblindness (T2)	0.52	0.36	1.50	37	.154
Homophily Native Lang. Study-Network (T1)	Prescriptive Multiculturalism (T2)	-0.43	0.25	-1.70	36	.092
Homophily Race Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.27	0.29	-0.93	37	.356
Homophily Race Study-Network (T1)	Descriptive Multiculturalism (T2)	-0.27	0.24	-1.10	38	.275
Homophily Race Study-Network (T1)	Prescriptive Colorblindness (T2)	0.39	0.39	0.99	37	.331
Homophily School Study-Network (T1)	Descriptive Colorblindness (T2)	0.44	0.66	0.67	37	.507
Homophily School Study-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.89	0.67	-1.30	37	.193
Homophily School Study-Network (T1)	Descriptive Multiculturalism (T2)	-0.78	0.56	-1.40	38	.175
Homophily School Study-Network (T1)	Prescriptive Colorblindness (T2)	-0.49	0.82	-0.59	36	.560
Homophily School Study-Network (T1)	Prescriptive Multiculturalism (T2)	-0.46	0.63	-0.72	36	.474

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 38: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Homophily Dorm Study-Network (T1)	Prescriptive Colorblindness (T2)	-1.79	0.61	-3.10	37	.040

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 39: Diversity-Relevant Variables Predict Diversity Ideology Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.20	0.33	0.61	60	.547
Diversity Friend-Network (T1)	Descriptive Multiculturalism (T2)	0.26	0.26	1.10	62	.343
Diversity Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.31	0.43	-0.79	62	.498
Homophily Age Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.16	0.24	0.64	60	.522
Homophily Age Friend-Network (T1)	Descriptive Multiculturalism (T2)	0.19	0.19	0.95	62	.387
Homophily Age Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.69	0.30	-2.20	62	.033
Homophily Age Friend-Network (T1)	Prescriptive Multiculturalism (T2)	0.07	0.19	0.38	59	.705
Homophily Class-Year Friend-Network (T1)	Descriptive Colorblindness (T2)	0.20	0.22	0.91	60	.365
Homophily Class-Year Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.10	0.23	-0.41	60	.680
Homophily Class-Year Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.14	0.22	-0.64	65	.526
Homophily Class-Year Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.17	0.30	-0.58	62	.567
Homophily Class-Year Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.20	0.18	-1.10	59	.267
Homophily Dorm Friend-Network (T1)	Descriptive Colorblindness (T2)	-0.24	0.30	-0.79	60	.432
Homophily Dorm Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.07	0.32	-0.22	60	.828
Homophily Dorm Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.21	0.24	-1.10	62	.207
Homophily Dorm Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.54	0.39	-1.40	62	.214
Homophily Dorm Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.23	0.25	-0.94	59	.352
Homophily Gender Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.08	0.25	-0.34	60	.739
Homophily Gender Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.05	0.19	-0.41	62	.342
Homophily Gender Friend-Network (T1)	Prescriptive Colorblindness (T2)	0.02	0.32	0.14	62	.475
Homophily Gender Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.26	0.20	-1.30	59	.194
Homophily Group Friend-Network (T1)	Descriptive Colorblindness (T2)	0.07	0.28	0.26	62	.793
Homophily Group Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.15	0.28	-0.55	62	.587
Homophily Group Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.15	0.22	-0.72	64	.480
Homophily Group Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.22	0.38	-0.59	64	.560
Homophily Native Lang. Friend-Network (T1)	Descriptive Colorblindness (T2)	-0.19	0.24	-0.77	60	.445
Homophily Native Lang. Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.07	0.26	0.28	60	.782
Homophily Native Lang. Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.09	0.18	-0.53	60	.604
Homophily Native Lang. Friend-Network (T1)	Prescriptive Colorblindness (T2)	0.57	0.33	1.80	62	.112
Homophily Native Lang. Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.04	0.21	-0.21	59	.837
Homophily Race Friend-Network (T1)	Descriptive Colorblindness (T2)	0.16	0.21	0.75	59	.457
Homophily Race Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.18	0.23	-0.82	59	.416
Homophily Race Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.00	0.19	0.02	61	.821
Homophily Race Friend-Network (T1)	Prescriptive Colorblindness (T2)	0.55	0.29	1.90	60	.068
Homophily Race Friend-Network (T1)	Prescriptive Multiculturalism (T2)	0.07	0.18	0.39	58	.694
Homophily School Friend-Network (T1)	Descriptive Colorblindness (T2)	0.07	0.32	0.22	60	.830
Homophily School Friend-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.47	0.33	-1.40	60	.157
Homophily School Friend-Network (T1)	Descriptive Multiculturalism (T2)	-0.50	0.26	-1.90	62	.070
Homophily School Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.53	0.44	-1.30	62	.283
Homophily School Friend-Network (T1)	Prescriptive Multiculturalism (T2)	-0.46	0.26	-1.80	59	.085

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 40: Filtered by Significant Results ($p < .05$)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Homophily Age Friend-Network (T1)	Prescriptive Colorblindness (T2)	-0.69	0.30	-2.20	62	.033

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 41: Diversity-Relevant Variables Predict Diversity Ideology Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Support-Network (T1)	Descriptive Colorblindness (T2)	-0.15	0.44	-0.35	42	.726
Diversity Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.70	0.47	1.50	42	.146
Diversity Support-Network (T1)	Descriptive Multiculturalism (T2)	0.25	0.36	0.81	43	.276
Diversity Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.01	0.60	-0.10	43	.300
Diversity Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.24	0.40	0.59	41	.559
Diversity Support-Network (T1)	Descriptive Colorblindness (T2)	0.09	0.23	0.38	42	.705
Homophily Age Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	0.11	0.26	0.44	42	.660
Homophily Age Support-Network (T1)	Descriptive Multiculturalism (T2)	0.31	0.20	1.50	43	.193
Homophily Age Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.51	0.34	-1.40	43	.205
Homophily Age Support-Network (T1)	Prescriptive Multiculturalism (T2)	0.12	0.22	0.58	41	.566
Homophily Class-Year Support-Network (T1)	Descriptive Colorblindness (T2)	0.25	0.22	1.20	42	.251
Homophily Class-Year Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.14	0.24	-0.56	42	.580
Homophily Class-Year Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.15	0.19	-0.74	43	.465
Homophily Class-Year Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.33	0.32	-1.00	43	.313
Homophily Class-Year Support-Network (T1)	Prescriptive Multiculturalism (T2)	-0.26	0.20	-1.30	41	.204
Homophily Dorm Support-Network (T1)	Descriptive Colorblindness (T2)	0.23	0.43	0.53	42	.601
Homophily Dorm Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.95	0.46	-2.10	42	.044
Homophily Dorm Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.36	0.33	-1.30	43	.036
Homophily Dorm Support-Network (T1)	Prescriptive Colorblindness (T2)	-1.13	0.55	-2.00	43	.127
Homophily Dorm Support-Network (T1)	Prescriptive Multiculturalism (T2)	-0.35	0.40	-0.88	41	.385
Homophily Gender Support-Network (T1)	Descriptive Colorblindness (T2)	0.25	0.26	0.96	42	.342
Homophily Gender Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.38	0.29	-1.30	42	.196
Homophily Gender Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.09	0.23	-0.58	43	.236
Homophily Gender Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.45	0.37	-1.20	43	.363
Homophily Gender Support-Network (T1)	Prescriptive Multiculturalism (T2)	-0.35	0.24	-1.40	41	.155
Homophily Group Support-Network (T1)	Descriptive Colorblindness (T2)	-0.18	0.25	-0.73	47	.472
Homophily Group Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.18	0.20	-0.98	48	.398
Homophily Group Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.55	0.36	-1.50	48	.163
Homophily Native Lang. Support-Network (T1)	Descriptive Colorblindness (T2)	-0.12	0.23	-0.53	42	.600
Homophily Native Lang. Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.15	0.20	-0.74	43	.474
Homophily Native Lang. Support-Network (T1)	Prescriptive Colorblindness (T2)	0.54	0.34	1.60	43	.132
Homophily Native Lang. Support-Network (T1)	Prescriptive Multiculturalism (T2)	-0.24	0.21	-1.10	41	.272
Homophily Race Support-Network (T1)	Descriptive Colorblindness (T2)	0.05	0.23	0.23	42	.820
Homophily Race Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.28	0.25	-1.10	42	.267
Homophily Race Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.17	0.20	-0.86	43	.408
Homophily Race Support-Network (T1)	Prescriptive Colorblindness (T2)	0.31	0.33	0.99	42	.362
Homophily Race Support-Network (T1)	Prescriptive Multiculturalism (T2)	-0.15	0.21	-0.73	41	.470
Homophily School Support-Network (T1)	Descriptive Colorblindness (T2)	0.08	0.34	0.22	42	.823
Homophily School Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.43	0.37	-1.20	42	.249
Homophily School Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.61	0.29	-2.10	43	.040
Homophily School Support-Network (T1)	Prescriptive Colorblindness (T2)	-0.50	0.51	-1.10	43	.356
Homophily School Support-Network (T1)	Prescriptive Multiculturalism (T2)	-0.33	0.31	-1.00	41	.301

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 42: Filtered by Significant Results ($p < .05$)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Homophily Dorm Support-Network (T1)	Descriptive Multiculturalism Predominance (T2)	-0.95	0.46	-2.10	42	.044
Homophily Dorm Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.36	0.33	-1.30	43	.036
Homophily School Support-Network (T1)	Descriptive Multiculturalism (T2)	-0.61	0.29	-2.10	43	.040

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 43: Diversity-Relevant Variables Predict Network Centrality Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Study-Network (T1)	Alter Weight Study-Network (T2)	0.54	0.17	3.20	98	.002
Diversity Study-Network (T1)	Betweenness Centrality Study-Network (T2)	597.35	133.04	4.50	104	.0000000
Diversity Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.10	104	.040
Diversity Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.04	0.07	0.67	104	.504
Diversity Study-Network (T1)	In-Degree Centrality Study-Network (T2)	1.38	0.42	3.30	104	.002
Diversity Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	2.41	0.66	3.70	104	.0000000
Diversity Study-Network (T1)	Tie Reciprocity Study-Network (T2)	0.06	0.09	0.65	98	.517
Diversity Study-Network (T1)	Total Degree Centrality Study-Network (T2)	2.60	0.65	3.90	100	.0000000
Diversity Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.11	0.10	1.10	92	.290
Diversity Study-Network (T1)	Alter Weight Study-Network (T2)	-0.25	0.18	-1.30	38	.224
Homophily Age Study-Network (T1)	Betweenness Centrality Study-Network (T2)	-148.57	186.01	-0.80	38	.429
Homophily Age Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	-0.10	0.10	-1.00	38	.309
Homophily Age Study-Network (T1)	In-Degree Centrality Study-Network (T2)	-0.75	0.49	-1.50	38	.140
Homophily Age Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	-1.69	0.75	-2.20	38	.031
Homophily Age Study-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.12	0.08	-1.40	37	.156
Homophily Age Study-Network (T1)	Total Degree Centrality Study-Network (T2)	-1.47	0.76	-1.80	38	.133
Homophily Age Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.10	0.09	-1.10	32	.289
Homophily Age Study-Network (T1)	Alter Weight Study-Network (T2)	-0.09	0.18	-0.49	39	.629
Homophily Class-Year Study-Network (T1)	Betweenness Centrality Study-Network (T2)	-226.02	171.87	-1.30	38	.196
Homophily Class-Year Study-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-1.40	38	.182
Homophily Class-Year Study-Network (T1)	In-Degree Centrality Study-Network (T2)	-0.34	0.47	-0.72	38	.473
Homophily Class-Year Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	-0.44	0.75	-0.59	38	.556
Homophily Class-Year Study-Network (T1)	Total Degree Centrality Study-Network (T2)	-0.79	0.98	-0.80	38	.427
Homophily Dorm Study-Network (T1)	Alter Weight Study-Network (T2)	0.43	0.32	1.40	38	.193
Homophily Dorm Study-Network (T1)	Betweenness Centrality Study-Network (T2)	229.26	365.06	0.63	38	.534
Homophily Dorm Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	1.10	38	.288
Homophily Dorm Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	1.41	1.55	0.91	38	.369
Homophily Dorm Study-Network (T1)	Tie Reciprocity Study-Network (T2)	0.11	0.12	0.88	39	.387
Homophily Dorm Study-Network (T1)	Total Degree Centrality Study-Network (T2)	1.17	1.47	0.84	38	.426
Homophily Dorm Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.15	0.13	1.10	34	.282
Homophily Gender Study-Network (T1)	Alter Weight Study-Network (T2)	0.08	0.19	0.46	39	.650
Homophily Gender Study-Network (T1)	Betweenness Centrality Study-Network (T2)	150.20	190.07	0.79	38	.434
Homophily Gender Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	-0.09	0.10	-0.85	38	.401
Homophily Gender Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	-0.48	0.82	-0.58	38	.563
Homophily Gender Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.06	0.10	0.64	34	.527
Homophily Group Study-Network (T1)	Alter Weight Study-Network (T2)	0.15	0.17	0.89	42	.380
Homophily Group Study-Network (T1)	Betweenness Centrality Study-Network (T2)	-158.00	166.37	-0.95	42	.348
Homophily Group Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	0.53	42	.597
Homophily Group Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.09	0.09	1.10	42	.295
Homophily Group Study-Network (T1)	In-Degree Centrality Study-Network (T2)	0.44	0.47	0.93	42	.356
Homophily Group Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	0.39	0.72	0.54	42	.594
Homophily Group Study-Network (T1)	Total Degree Centrality Study-Network (T2)	0.82	0.94	0.88	42	.386
Homophily Group Study-Network (T1)	Alter Weight Study-Network (T2)	-0.09	0.17	-0.51	37	.613
Homophily Native Lang. Study-Network (T1)	Betweenness Centrality Study-Network (T2)	168.29	163.51	1.00	38	.310
Homophily Native Lang. Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	1.40	38	.156
Homophily Native Lang. Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	-0.09	0.09	-0.97	38	.336
Homophily Native Lang. Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.04	0.09	-0.49	32	.626
Homophily Race Study-Network (T1)	Alter Weight Study-Network (T2)	0.21	0.18	1.20	38	.250
Homophily Race Study-Network (T1)	Betweenness Centrality Study-Network (T2)	147.90	175.21	0.84	38	.404
Homophily Race Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.70	38	.010
Homophily Race Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.21	0.09	2.30	38	.025
Homophily Race Study-Network (T1)	In-Degree Centrality Study-Network (T2)	0.27	0.48	0.56	38	.577
Homophily Race Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	0.82	0.74	1.10	38	.275
Homophily Race Study-Network (T1)	Tie Reciprocity Study-Network (T2)	0.21	0.07	2.80	38	.008
Homophily Race Study-Network (T1)	Total Degree Centrality Study-Network (T2)	0.75	0.76	0.96	38	.345
Homophily Race Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.20	0.09	2.20	33	.042
Homophily School Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	-0.10	0.22	-0.47	38	.639
Homophily School Study-Network (T1)	In-Degree Centrality Study-Network (T2)	0.75	1.12	0.67	38	.507
Homophily School Study-Network (T1)	Tie Reciprocity Study-Network (T2)	0.14	0.19	0.72	37	.476
Homophily School Study-Network (T1)	Total Degree Centrality Study-Network (T2)	1.48	2.32	0.64	38	.529
Homophily School Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.16	0.21	0.77	33	.461

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 44: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Study-Network (T1)	Alter Weight Study-Network (T2)	0.54	0.17	3.20	98	.002
Diversity Study-Network (T1)	Betweenness Centrality Study-Network (T2)	597.35	133.04	4.50	104	.0000000
Diversity Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.10	104	.040
Diversity Study-Network (T1)	In-Degree Centrality Study-Network (T2)	1.38	0.42	3.30	104	.002
Diversity Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	2.41	0.66	3.70	104	.0000000
Diversity Study-Network (T1)	Total Degree Centrality Study-Network (T2)	2.60	0.65	3.90	100	.0000000
Diversity Support-Network (T1)	Out-Degree Centrality Study-Network (T2)	2.62	1.09	2.40	44	.021
Diversity Support-Network (T1)	Total Degree Centrality Study-Network (T2)	2.47	1.09	2.20	44	.046
Homophily Age Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	-1.06	0.53	-2.00	66	.050
Homophily Age Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	-1.14	0.55	-2.10	64	.043
Homophily Age Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	-1.69	0.75	-2.20	38	.031
Homophily Class-Year Friend-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-2.10	66	.036
Homophily Dorm Friend-Network (T1)	Alter Weight Study-Network (T2)	0.41	0.17	2.40	62	.018
Homophily Dorm Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	355.84	142.97	2.50	66	.015
Homophily Dorm Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.10	66	.003
Homophily Dorm Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	0.96	0.43	2.30	66	.027
Homophily Dorm Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	1.77	0.64	2.80	66	.007
Homophily Dorm Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.36	0.15	-2.30	44	.044
Homophily Race Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.60	65	.001
Homophily Race Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	0.16	0.08	2.10	61	.043
Homophily Race Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.70	38	.010
Homophily Race Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.21	0.09	2.30	38	.025
Homophily Race Study-Network (T1)	Tie Reciprocity Study-Network (T2)	0.21	0.07	2.80	38	.008
Homophily Race Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.20	0.09	2.20	33	.042
Homophily Race Support-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.30	44	.002
Homophily Race Support-Network (T1)	Tie Reciprocity Study-Network (T2)	0.23	0.09	2.60	44	.014
Homophily Race Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.24	0.10	2.40	38	.021
Homophily School Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.25	0.12	-2.20	62	.036
Homophily School Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.30	0.13	-2.20	44	.032

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 45: Diversity-Relevant Variables Predict Network Centrality Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Alter Weight Study-Network (T2)	0.13	0.19	0.66	62	.517
Diversity Friend-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-1.10	66	.293
Diversity Friend-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.08	0.08	1.00	66	.310
Diversity Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	0.79	0.48	1.60	66	.105
Diversity Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	0.84	0.75	1.10	66	.266
Diversity Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	1.16	0.76	1.50	64	.145
Homophily Age Friend-Network (T1)	Alter Weight Study-Network (T2)	-0.24	0.14	-1.70	62	.102
Homophily Age Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	-214.77	118.60	-1.80	66	.075
Homophily Age Friend-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-0.60	66	.551
Homophily Age Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	-0.36	0.36	-1.00	66	.317
Homophily Age Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	-1.06	0.53	-2.00	66	.050
Homophily Age Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.07	0.09	-0.83	62	.417
Homophily Age Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	-1.14	0.55	-2.10	64	.043
Homophily Age Friend-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.07	0.10	-0.69	54	.493
Homophily Class-Year Friend-Network (T1)	Alter Weight Study-Network (T2)	-0.14	0.13	-1.00	62	.296
Homophily Class-Year Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	-200.51	112.35	-1.80	66	.079
Homophily Class-Year Friend-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-2.10	66	.036
Homophily Class-Year Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	-0.47	0.52	-0.92	66	.362
Homophily Class-Year Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	-0.42	0.53	-0.81	64	.427
Homophily Dorm Friend-Network (T1)	Alter Weight Study-Network (T2)	0.41	0.17	2.40	62	.018
Homophily Dorm Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	355.84	142.97	2.50	66	.015
Homophily Dorm Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.10	66	.003
Homophily Dorm Friend-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.04	0.07	0.55	66	.582
Homophily Dorm Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	0.96	0.43	2.30	66	.027
Homophily Dorm Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	1.77	0.64	2.80	66	.007
Homophily Dorm Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.11	0.11	-1.00	62	.325
Homophily Dorm Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	1.62	0.68	2.30	64	.054
Homophily Dorm Friend-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.09	0.11	-0.74	56	.467
Homophily Gender Friend-Network (T1)	Alter Weight Study-Network (T2)	0.15	0.14	1.10	62	.300
Homophily Gender Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	231.84	118.17	2.00	66	.054
Homophily Gender Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	0.71	66	.482
Homophily Gender Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	0.43	0.36	1.20	66	.226
Homophily Gender Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	0.43	0.55	0.78	66	.436
Homophily Gender Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	0.50	0.57	0.83	64	.430
Homophily Gender Friend-Network (T1)	Alter Weight Study-Network (T2)	0.08	0.16	0.49	67	.629
Homophily Group Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	-154.15	144.49	-1.10	68	.290
Homophily Group Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	1.10	68	.263
Homophily Group Friend-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.04	0.07	0.50	68	.620
Homophily Group Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	0.53	0.42	1.30	68	.207
Homophily Group Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	0.43	0.65	0.66	68	.513
Homophily Group Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.10	0.10	-1.00	64	.306
Homophily Group Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	0.96	0.86	1.10	68	.267
Homophily Group Friend-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.11	0.10	-1.10	58	.287
Homophily Native Lang. Friend-Network (T1)	Alter Weight Study-Network (T2)	-0.17	0.15	-1.10	62	.266
Homophily Native Lang. Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	140.53	126.70	1.10	66	.271
Homophily Native Lang. Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	1.40	66	.159
Homophily Native Lang. Friend-Network (T1)	Eigenvector Centrality Study-Network (T2)	-0.07	0.06	-1.10	66	.278
Homophily Native Lang. Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	0.44	0.37	1.20	66	.239
Homophily Native Lang. Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	-0.54	0.57	-0.94	66	.352
Homophily Native Lang. Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	0.15	0.09	1.70	62	.090
Homophily Native Lang. Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	-0.62	0.51	-1.20	62	.234
Homophily Native Lang. Friend-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.16	0.10	1.60	56	.114
Homophily Race Friend-Network (T1)	Alter Weight Study-Network (T2)	0.23	0.13	1.70	61	.087
Homophily Race Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	209.50	112.37	1.90	65	.067
Homophily Race Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.60	65	.001
Homophily Race Friend-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.06	0.06	1.00	65	.303
Homophily Race Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	0.44	0.33	1.30	65	.191
Homophily Race Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	0.64	0.51	1.20	65	.218
Homophily Race Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	0.16	0.08	2.10	61	.043
Homophily Race Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	0.71	0.53	1.30	62	.214
Homophily Race Friend-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.16	0.09	1.80	55	.070
Homophily School Friend-Network (T1)	Alter Weight Study-Network (T2)	-0.19	0.20	-0.95	62	.347
Homophily School Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	-92.91	159.16	-0.58	66	.561
Homophily School Friend-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-1.40	66	.159
Homophily School Friend-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.31	0.47	0.66	66	.513
Homophily School Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	-0.25	0.12	-2.20	62	.036
Homophily School Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.51	0.68	-0.76	62	.455
Homophily School Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	-0.23	0.12	-1.80	56	.074

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 46: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Study-Network (T1)	Alter Weight Study-Network (T2)	0.54	0.17	3.20	98	.002
Diversity Study-Network (T1)	Betweenness Centrality Study-Network (T2)	597.35	133.04	4.50	104	.0000000
Diversity Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.10	104	.040
Diversity Study-Network (T1)	In-Degree Centrality Study-Network (T2)	1.38	0.42	3.30	104	.002
Diversity Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	2.41	0.66	3.70	104	.0000000
Diversity Study-Network (T1)	Total Degree Centrality Study-Network (T2)	2.60	0.65	3.90	100	.0000000
Diversity Support-Network (T1)	Out-Degree Centrality Study-Network (T2)	2.62	1.09	2.40	44	.021
Diversity Support-Network (T1)	Total Degree Centrality Study-Network (T2)	2.47	1.09	2.20	44	.046
Homophily Age Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	-1.06	0.53	-2.00	66	.050
Homophily Age Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	-1.14	0.55	-2.10	64	.043
Homophily Age Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	-1.69	0.75	-2.20	38	.031
Homophily Class-Year Friend-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-2.10	66	.036
Homophily Dorm Friend-Network (T1)	Alter Weight Study-Network (T2)	0.41	0.17	2.40	62	.018
Homophily Dorm Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	355.84	142.97	2.50	66	.015
Homophily Dorm Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.10	66	.003
Homophily Dorm Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	0.96	0.43	2.30	66	.027
Homophily Dorm Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	1.77	0.64	2.80	66	.007
Homophily Dorm Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.36	0.15	-2.30	44	.044
Homophily Race Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.60	65	.001
Homophily Race Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	0.16	0.08	2.10	61	.043
Homophily Race Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.70	38	.010
Homophily Race Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.21	0.09	2.30	38	.025
Homophily Race Study-Network (T1)	Tie Reciprocity Study-Network (T2)	0.21	0.07	2.80	38	.008
Homophily Race Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.20	0.09	2.20	33	.042
Homophily Race Support-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.30	44	.002
Homophily Race Support-Network (T1)	Tie Reciprocity Study-Network (T2)	0.23	0.09	2.60	44	.014
Homophily Race Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.24	0.10	2.40	38	.021
Homophily School Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.25	0.12	-2.20	62	.036
Homophily School Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.30	0.13	-2.20	44	.032

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 47: Diversity-Relevant Variables Predict Network Centrality Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Support-Network (T1)	Alter Weight Study-Network (T2)	0.47	0.27	1.70	44	.153
Diversity Support-Network (T1)	Betweenness Centrality Study-Network (T2)	502.35	270.36	1.90	44	.070
Diversity Support-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.07	0.12	0.56	44	.579
Diversity Support-Network (T1)	In-Degree Centrality Study-Network (T2)	0.40	0.71	0.56	44	.580
Diversity Support-Network (T1)	Out-Degree Centrality Study-Network (T2)	2.62	1.09	2.40	44	.021
Diversity Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.18	0.17	-1.10	44	.288
Diversity Support-Network (T1)	Total Degree Centrality Study-Network (T2)	2.47	1.09	2.20	44	.046
Diversity Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.21	0.18	-1.20	39	.236
Homophily Age Support-Network (T1)	Alter Weight Study-Network (T2)	-0.15	0.16	-0.94	44	.371
Homophily Age Support-Network (T1)	Betweenness Centrality Study-Network (T2)	-125.19	157.00	-0.80	44	.430
Homophily Age Support-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.06	0.07	0.93	44	.359
Homophily Age Support-Network (T1)	In-Degree Centrality Study-Network (T2)	-0.21	0.40	-0.51	44	.610
Homophily Age Support-Network (T1)	Out-Degree Centrality Study-Network (T2)	-0.93	0.64	-1.40	44	.154
Homophily Age Support-Network (T1)	Total Degree Centrality Study-Network (T2)	-0.69	0.64	-1.00	44	.340
Homophily Class-Year Support-Network (T1)	Alter Weight Study-Network (T2)	-0.12	0.15	-0.79	44	.436
Homophily Class-Year Support-Network (T1)	Betweenness Centrality Study-Network (T2)	-181.95	147.82	-1.20	44	.225
Homophily Class-Year Support-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-1.50	44	.145
Homophily Class-Year Support-Network (T1)	Out-Degree Centrality Study-Network (T2)	-0.31	0.62	-0.50	44	.618
Homophily Class-Year Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.10	0.09	-1.20	44	.251
Homophily Class-Year Support-Network (T1)	Total Degree Centrality Study-Network (T2)	-0.42	0.78	-0.54	44	.589
Homophily Class-Year Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.09	0.10	-0.96	39	.345
Homophily Dorm Support-Network (T1)	Alter Weight Study-Network (T2)	0.49	0.26	1.90	44	.069
Homophily Dorm Support-Network (T1)	Betweenness Centrality Study-Network (T2)	372.11	296.00	1.30	44	.215
Homophily Dorm Support-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	1.50	44	.146
Homophily Dorm Support-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.09	0.13	0.65	44	.522
Homophily Dorm Support-Network (T1)	In-Degree Centrality Study-Network (T2)	0.88	0.76	1.20	44	.251
Homophily Dorm Support-Network (T1)	Out-Degree Centrality Study-Network (T2)	2.12	1.21	1.80	44	.085
Homophily Dorm Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.36	0.15	-2.30	44	.044
Homophily Dorm Support-Network (T1)	Total Degree Centrality Study-Network (T2)	1.87	1.13	1.60	44	.133
Homophily Dorm Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.33	0.16	-2.00	39	.089
Homophily Gender Support-Network (T1)	Alter Weight Study-Network (T2)	0.17	0.18	1.00	44	.343
Homophily Gender Support-Network (T1)	Betweenness Centrality Study-Network (T2)	302.57	169.59	1.80	44	.081
Homophily Gender Support-Network (T1)	Eigenvector Centrality Study-Network (T2)	-0.07	0.08	-0.95	44	.348
Homophily Gender Support-Network (T1)	Out-Degree Centrality Study-Network (T2)	0.63	0.72	0.87	44	.390
Homophily Gender Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.13	0.10	-1.20	44	.242
Homophily Gender Support-Network (T1)	Total Degree Centrality Study-Network (T2)	0.66	0.75	0.87	45	.388
Homophily Gender Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.12	0.11	-1.00	39	.331
Homophily Group Support-Network (T1)	Alter Weight Study-Network (T2)	0.07	0.16	0.46	51	.648
Homophily Group Support-Network (T1)	Betweenness Centrality Study-Network (T2)	-196.96	156.51	-1.30	49	.214
Homophily Group Support-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.07	0.07	1.10	49	.280
Homophily Group Support-Network (T1)	In-Degree Centrality Study-Network (T2)	0.40	0.42	0.96	49	.340
Homophily Group Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.08	0.09	-0.85	49	.398
Homophily Group Support-Network (T1)	Total Degree Centrality Study-Network (T2)	-0.33	0.58	-0.57	47	.574
Homophily Group Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.09	0.10	-0.92	44	.363
Homophily Native Lang. Support-Network (T1)	Alter Weight Study-Network (T2)	-0.17	0.16	-1.00	44	.299
Homophily Native Lang. Support-Network (T1)	Betweenness Centrality Study-Network (T2)	116.78	155.51	0.75	44	.457
Homophily Native Lang. Support-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	1.20	44	.237
Homophily Native Lang. Support-Network (T1)	Eigenvector Centrality Study-Network (T2)	-0.09	0.07	-1.30	44	.194
Homophily Native Lang. Support-Network (T1)	Tie Reciprocity Study-Network (T2)	0.15	0.09	1.60	44	.119
Homophily Native Lang. Support-Network (T1)	Total Degree Centrality Study-Network (T2)	-0.38	0.56	-0.67	44	.505
Homophily Native Lang. Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.13	0.10	1.20	39	.228
Homophily Race Support-Network (T1)	Alter Weight Study-Network (T2)	0.09	0.15	0.56	45	.579
Homophily Race Support-Network (T1)	Betweenness Centrality Study-Network (T2)	122.67	154.55	0.79	44	.432
Homophily Race Support-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.30	44	.002
Homophily Race Support-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.07	0.07	1.00	44	.302
Homophily Race Support-Network (T1)	Tie Reciprocity Study-Network (T2)	0.23	0.09	2.60	44	.014
Homophily Race Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.24	0.10	2.40	38	.021
Homophily School Support-Network (T1)	Alter Weight Study-Network (T2)	-0.14	0.24	-0.62	44	.544
Homophily School Support-Network (T1)	Betweenness Centrality Study-Network (T2)	-160.85	234.04	-0.69	44	.496
Homophily School Support-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-0.70	44	.489
Homophily School Support-Network (T1)	In-Degree Centrality Study-Network (T2)	0.68	0.59	1.20	44	.254
Homophily School Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.30	0.13	-2.20	44	.032
Homophily School Support-Network (T1)	Total Degree Centrality Study-Network (T2)	0.05	1.02	-0.06	45	.596
Homophily School Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	-0.26	0.14	-1.80	39	.083

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 48: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Study-Network (T1)	Alter Weight Study-Network (T2)	0.54	0.17	3.20	98	.002
Diversity Study-Network (T1)	Betweenness Centrality Study-Network (T2)	597.35	133.04	4.50	104	.0000000
Diversity Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.10	104	.040
Diversity Study-Network (T1)	In-Degree Centrality Study-Network (T2)	1.38	0.42	3.30	104	.002
Diversity Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	2.41	0.66	3.70	104	.0000000
Diversity Study-Network (T1)	Total Degree Centrality Study-Network (T2)	2.60	0.65	3.90	100	.0000000
Diversity Support-Network (T1)	Out-Degree Centrality Study-Network (T2)	2.62	1.09	2.40	44	.021
Diversity Support-Network (T1)	Total Degree Centrality Study-Network (T2)	2.47	1.09	2.20	44	.046
Homophily Age Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	-1.06	0.53	-2.00	66	.050
Homophily Age Friend-Network (T1)	Total Degree Centrality Study-Network (T2)	-1.14	0.55	-2.10	64	.043
Homophily Age Study-Network (T1)	Out-Degree Centrality Study-Network (T2)	-1.69	0.75	-2.20	38	.031
Homophily Class-Year Friend-Network (T1)	Closeness Centrality Study-Network (T2)	-0.00	0.00	-2.10	66	.036
Homophily Dorm Friend-Network (T1)	Alter Weight Study-Network (T2)	0.41	0.17	2.40	62	.018
Homophily Dorm Friend-Network (T1)	Betweenness Centrality Study-Network (T2)	355.84	142.97	2.50	66	.015
Homophily Dorm Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.10	66	.003
Homophily Dorm Friend-Network (T1)	In-Degree Centrality Study-Network (T2)	0.96	0.43	2.30	66	.027
Homophily Dorm Friend-Network (T1)	Out-Degree Centrality Study-Network (T2)	1.77	0.64	2.80	66	.007
Homophily Dorm Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.36	0.15	-2.30	44	.044
Homophily Race Friend-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.60	65	.001
Homophily Race Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	0.16	0.08	2.10	61	.043
Homophily Race Study-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	2.70	38	.010
Homophily Race Study-Network (T1)	Eigenvector Centrality Study-Network (T2)	0.21	0.09	2.30	38	.025
Homophily Race Study-Network (T1)	Tie Reciprocity Study-Network (T2)	0.21	0.07	2.80	38	.008
Homophily Race Study-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.20	0.09	2.20	33	.042
Homophily Race Support-Network (T1)	Closeness Centrality Study-Network (T2)	0.00	0.00	3.30	44	.002
Homophily Race Support-Network (T1)	Tie Reciprocity Study-Network (T2)	0.23	0.09	2.60	44	.014
Homophily Race Support-Network (T1)	Total Tie Reciprocity Study-Network (T2)	0.24	0.10	2.40	38	.021
Homophily School Friend-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.25	0.12	-2.20	62	.036
Homophily School Support-Network (T1)	Tie Reciprocity Study-Network (T2)	-0.30	0.13	-2.20	44	.032

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 49: Diversity-Relevant Variables Predict Network Centrality Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Study-Network (T1)	Alter Weight Friend-Network (T2)	1.02	0.26	4.00	98	.0000000
Diversity Study-Network (T1)	Betweenness Centrality Friend-Network (T2)	145.79	148.26	0.98	106	.328
Diversity Study-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	1.50	106	.128
Diversity Study-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.31	0.07	4.50	106	.0000000
Diversity Study-Network (T1)	In-Degree Centrality Friend-Network (T2)	3.20	0.65	4.90	102	.0000000
Diversity Study-Network (T1)	Out-Degree Centrality Friend-Network (T2)	1.54	0.48	5.20	52	.045
Diversity Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.28	0.15	1.90	82	.061
Diversity Study-Network (T1)	Total Degree Centrality Friend-Network (T2)	3.11	0.86	3.00	66	.140
Diversity Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.22	0.15	1.40	75	.151
Diversity Study-Network (T1)	Alter Weight Friend-Network (T2)	0.01	0.27	0.03	38	.613
Homophily Age Study-Network (T1)	Betweenness Centrality Friend-Network (T2)	331.91	188.02	1.80	38	.086
Homophily Age Study-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	1.30	38	.191
Homophily Age Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	-0.21	0.11	-1.90	35	.078
Homophily Age Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	-0.11	0.12	-0.94	34	.354
Homophily Class-Year Study-Network (T1)	Alter Weight Friend-Network (T2)	-0.13	0.27	-0.49	39	.630
Homophily Class-Year Study-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-0.64	38	.528
Homophily Class-Year Study-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.89	0.66	1.40	38	.184
Homophily Class-Year Study-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-0.49	0.86	-0.57	38	.574
Homophily Class-Year Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.09	0.11	0.80	35	.429
Homophily Class-Year Study-Network (T1)	Total Degree Centrality Friend-Network (T2)	-0.48	0.85	-0.56	37	.578
Homophily Class-Year Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.06	0.11	0.54	34	.593
Homophily Class-Year Study-Network (T1)	Alter Weight Friend-Network (T2)	0.79	0.39	2.00	39	.049
Homophily Dorm Study-Network (T1)	Betweenness Centrality Friend-Network (T2)	-329.14	378.90	-0.87	38	.390
Homophily Dorm Study-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-1.60	38	.131
Homophily Dorm Study-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.20	0.23	0.87	38	.391
Homophily Dorm Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.06	0.24	0.09	35	.526
Homophily Dorm Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	-0.16	0.30	-0.53	34	.600
Homophily Gender Study-Network (T1)	Alter Weight Friend-Network (T2)	0.21	0.28	0.75	39	.458
Homophily Gender Study-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.49	38	.625
Homophily Gender Study-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.17	0.12	1.40	38	.166
Homophily Gender Study-Network (T1)	In-Degree Centrality Friend-Network (T2)	1.30	0.70	1.80	38	.072
Homophily Gender Study-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-0.65	0.93	-0.69	38	.493
Homophily Gender Study-Network (T1)	Total Degree Centrality Friend-Network (T2)	0.08	1.13	-0.02	38	.609
Homophily Gender Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.07	0.12	0.56	34	.576
Homophily Group Study-Network (T1)	Alter Weight Friend-Network (T2)	-0.17	0.25	-0.68	42	.503
Homophily Group Study-Network (T1)	Betweenness Centrality Friend-Network (T2)	-293.88	169.50	-1.70	42	.090
Homophily Group Study-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-1.30	42	.189
Homophily Group Study-Network (T1)	Eigenvector Centrality Friend-Network (T2)	-0.16	0.10	-1.60	42	.123
Homophily Group Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.32	0.10	3.20	40	.003
Homophily Group Study-Network (T1)	Total Degree Centrality Friend-Network (T2)	-0.42	0.81	-0.52	41	.607
Homophily Group Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.24	0.11	2.20	38	.035
Homophily Group Study-Network (T1)	Alter Weight Friend-Network (T2)	-0.32	0.25	-1.30	38	.205
Homophily Native Lang. Study-Network (T1)	Betweenness Centrality Friend-Network (T2)	-110.52	171.93	-0.64	38	.524
Homophily Native Lang. Study-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-1.60	38	.120
Homophily Native Lang. Study-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.72	0.62	1.20	38	.257
Homophily Native Lang. Study-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-0.91	0.80	-1.10	38	.260
Homophily Native Lang. Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.18	0.10	1.70	35	.096
Homophily Native Lang. Study-Network (T1)	Total Degree Centrality Friend-Network (T2)	-0.99	0.79	-1.30	37	.217
Homophily Native Lang. Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.23	0.10	2.30	34	.027
Homophily Race Study-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-0.64	38	.526
Homophily Race Study-Network (T1)	Eigenvector Centrality Friend-Network (T2)	-0.13	0.11	-1.20	38	.232
Homophily Race Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.15	0.11	1.30	35	.190
Homophily School Study-Network (T1)	Alter Weight Friend-Network (T2)	0.43	0.63	0.69	38	.500
Homophily School Study-Network (T1)	Betweenness Centrality Friend-Network (T2)	405.57	427.76	0.95	38	.349
Homophily School Study-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	1.40	38	.178
Homophily School Study-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.14	0.26	0.55	38	.588
Homophily School Study-Network (T1)	In-Degree Centrality Friend-Network (T2)	2.71	1.53	1.80	38	.084
Homophily School Study-Network (T1)	Out-Degree Centrality Friend-Network (T2)	1.74	2.01	0.86	38	.394
Homophily School Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.15	0.26	0.55	36	.583
Homophily School Study-Network (T1)	Total Degree Centrality Friend-Network (T2)	3.16	2.39	1.30	38	.237
Homophily School Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	-0.28	0.26	-1.10	34	.286

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 50: Filtered by Significant Results ($p < .05$)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Alter Weight Friend-Network (T2)	0.70	0.29	2.40	62	.028
Diversity Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.22	0.09	2.50	67	.014
Diversity Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	2.49	1.14	2.20	63	.032
Diversity Study-Network (T1)	Alter Weight Friend-Network (T2)	1.02	0.26	4.00	98	.0000000
Diversity Study-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.31	0.07	4.50	106	.0000000
Diversity Study-Network (T1)	In-Degree Centrality Friend-Network (T2)	3.20	0.65	4.90	102	.0000000
Diversity Study-Network (T1)	Out-Degree Centrality Friend-Network (T2)	1.54	0.48	5.20	52	.045
Diversity Support-Network (T1)	Alter Weight Friend-Network (T2)	1.16	0.39	3.00	44	.036
Diversity Support-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.58	0.12	4.80	45	.0000000
Diversity Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	3.91	1.48	2.70	43	.021
Homophily Dorm Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.40	0.14	2.80	58	.016
Homophily Dorm Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.35	0.17	2.10	54	.040
Homophily Dorm Study-Network (T1)	Alter Weight Friend-Network (T2)	0.79	0.39	2.00	39	.049
Homophily Dorm Support-Network (T1)	Alter Weight Friend-Network (T2)	0.97	0.39	2.50	44	.017
Homophily Dorm Support-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.88	0.25	3.60	37	.001
Homophily Group Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.35	0.11	3.20	60	.002
Homophily Group Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.25	0.11	2.30	56	.024
Homophily Group Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.32	0.10	3.20	40	.003
Homophily Group Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.24	0.11	2.20	38	.035
Homophily Group Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.25	0.10	2.60	45	.017
Homophily Native Lang. Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	-1.62	0.76	-2.10	60	.038
Homophily Native Lang. Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.23	0.10	2.30	34	.027
Homophily Native Lang. Support-Network (T1)	Alter Weight Friend-Network (T2)	-0.57	0.23	-2.50	44	.016
Homophily Race Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.24	0.09	2.60	56	.011
Homophily Race Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.20	0.09	2.10	54	.038

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 51: Diversity-Relevant Variables Predict Network Centrality Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Alter Weight Friend-Network (T2)	0.70	0.29	2.40	62	.028
Diversity Friend-Network (T1)	Betweenness Centrality Friend-Network (T2)	241.15	174.50	1.40	67	.172
Diversity Friend-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	1.10	67	.280
Diversity Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.22	0.09	2.50	67	.014
Diversity Friend-Network (T1)	In-Degree Centrality Friend-Network (T2)	1.03	0.68	1.50	66	.134
Diversity Friend-Network (T1)	Out-Degree Centrality Friend-Network (T2)	1.72	0.98	1.80	66	.085
Diversity Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	-0.07	0.14	-0.50	55	.617
Diversity Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	2.49	1.14	2.20	63	.032
Homophily Age Friend-Network (T1)	Alter Weight Friend-Network (T2)	-0.20	0.22	-0.89	60	.375
Homophily Age Friend-Network (T1)	Betweenness Centrality Friend-Network (T2)	81.39	131.06	0.62	67	.537
Homophily Age Friend-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.71	67	.480
Homophily Age Friend-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-1.11	0.77	-1.40	66	.155
Homophily Age Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	-0.08	0.10	-0.82	58	.437
Homophily Age Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	-0.97	0.89	-1.10	63	.287
Homophily Age Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	-0.15	0.10	-1.40	54	.167
Homophily Age Friend-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.31	0.50	0.62	66	.538
Homophily Age Friend-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-0.35	0.73	-0.48	66	.631
Homophily Age Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.05	0.10	0.49	55	.628
Homophily Age Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	-0.47	0.70	-0.67	60	.504
Homophily Class-Year Friend-Network (T1)	Alter Weight Friend-Network (T2)	0.52	0.27	1.90	62	.060
Homophily Class-Year Friend-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-0.83	67	.410
Homophily Class-Year Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.08	0.08	0.97	67	.335
Homophily Class-Year Friend-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.93	0.63	1.50	66	.147
Homophily Dorm Friend-Network (T1)	Out-Degree Centrality Friend-Network (T2)	1.30	0.93	1.40	66	.165
Homophily Dorm Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.40	0.14	2.80	58	.016
Homophily Dorm Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	1.57	1.09	1.40	63	.210
Homophily Dorm Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.35	0.17	2.10	54	.040
Homophily Gender Friend-Network (T1)	Alter Weight Friend-Network (T2)	0.20	0.22	0.89	62	.407
Homophily Gender Friend-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.94	67	.352
Homophily Gender Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.08	0.07	1.20	67	.230
Homophily Gender Friend-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.78	0.53	1.50	66	.143
Homophily Gender Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.14	0.11	1.20	55	.222
Homophily Gender Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	0.98	1.03	0.95	66	.343
Homophily Gender Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.18	0.11	1.70	54	.102
Homophily Group Friend-Network (T1)	Alter Weight Friend-Network (T2)	-0.36	0.24	-1.50	64	.145
Homophily Group Friend-Network (T1)	Betweenness Centrality Friend-Network (T2)	-236.65	150.38	-1.60	69	.120
Homophily Group Friend-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-1.40	69	.166
Homophily Group Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	-0.12	0.08	-1.50	69	.138
Homophily Group Friend-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-0.56	0.87	-0.64	68	.525
Homophily Group Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.35	0.11	3.20	60	.002
Homophily Group Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	-0.97	1.00	-1.00	65	.333
Homophily Group Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.25	0.11	2.30	56	.024
Homophily Native Lang. Friend-Network (T1)	Alter Weight Friend-Network (T2)	-0.38	0.23	-1.70	62	.104
Homophily Native Lang. Friend-Network (T1)	Betweenness Centrality Friend-Network (T2)	-152.80	136.77	-1.10	67	.268
Homophily Native Lang. Friend-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-1.40	67	.179
Homophily Native Lang. Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.04	0.07	0.54	67	.592
Homophily Native Lang. Friend-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.68	0.53	1.30	66	.206
Homophily Native Lang. Friend-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-1.14	0.78	-1.50	66	.145
Homophily Native Lang. Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.17	0.11	1.50	58	.132
Homophily Native Lang. Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	-1.62	0.76	-2.10	60	.038
Homophily Native Lang. Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.15	0.11	1.40	54	.170
Homophily Native Lang. Friend-Network (T1)	Alter Weight Friend-Network (T2)	-0.14	0.21	-0.69	61	.496
Homophily Race Friend-Network (T1)	Betweenness Centrality Friend-Network (T2)	-108.82	122.90	-0.89	66	.379
Homophily Race Friend-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-0.66	66	.512
Homophily Race Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	-0.06	0.06	-0.98	66	.330
Homophily Race Friend-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.44	0.47	0.94	65	.353
Homophily Race Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.24	0.09	2.60	56	.011
Homophily Race Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	-0.40	0.71	-0.57	59	.572
Homophily Race Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.20	0.09	2.10	54	.038
Homophily School Friend-Network (T1)	Alter Weight Friend-Network (T2)	0.55	0.30	1.80	62	.080
Homophily School Friend-Network (T1)	Betweenness Centrality Friend-Network (T2)	211.28	170.63	1.20	67	.220
Homophily School Friend-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.77	67	.444
Homophily School Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.09	0.09	1.00	67	.301
Homophily School Friend-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.93	0.71	1.30	66	.192
Homophily School Friend-Network (T1)	Out-Degree Centrality Friend-Network (T2)	1.72	1.02	1.70	66	.098
Homophily School Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	2.30	1.18	2.00	63	.056
Homophily School Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	-0.23	0.16	-1.50	54	.149

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 52: Filtered by Significant Results ($p < .05$)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Alter Weight Friend-Network (T2)	0.70	0.29	2.40	62	.028
Diversity Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.22	0.09	2.50	67	.014
Diversity Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	2.49	1.14	2.20	63	.032
Diversity Study-Network (T1)	Alter Weight Friend-Network (T2)	1.02	0.26	4.00	98	.0000000
Diversity Study-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.31	0.07	4.50	106	.0000000
Diversity Study-Network (T1)	In-Degree Centrality Friend-Network (T2)	3.20	0.65	4.90	102	.0000000
Diversity Study-Network (T1)	Out-Degree Centrality Friend-Network (T2)	1.54	0.48	5.20	52	.045
Diversity Support-Network (T1)	Alter Weight Friend-Network (T2)	1.16	0.39	3.00	44	.036
Diversity Support-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.58	0.12	4.80	45	.0000000
Diversity Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	3.91	1.48	2.70	43	.021
Homophily Dorm Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.40	0.14	2.80	58	.016
Homophily Dorm Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.35	0.17	2.10	54	.040
Homophily Dorm Study-Network (T1)	Alter Weight Friend-Network (T2)	0.79	0.39	2.00	39	.049
Homophily Dorm Support-Network (T1)	Alter Weight Friend-Network (T2)	0.97	0.39	2.50	44	.017
Homophily Dorm Support-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.88	0.25	3.60	37	.001
Homophily Group Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.35	0.11	3.20	60	.002
Homophily Group Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.25	0.11	2.30	56	.024
Homophily Group Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.32	0.10	3.20	40	.003
Homophily Group Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.24	0.11	2.20	38	.035
Homophily Group Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.25	0.10	2.60	45	.017
Homophily Native Lang. Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	-1.62	0.76	-2.10	60	.038
Homophily Native Lang. Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.23	0.10	2.30	34	.027
Homophily Native Lang. Support-Network (T1)	Alter Weight Friend-Network (T2)	-0.57	0.23	-2.50	44	.016
Homophily Race Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.24	0.09	2.60	56	.011
Homophily Race Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.20	0.09	2.10	54	.038

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 53: Diversity-Relevant Variables Predict Network Centrality Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Support-Network (T1)	Alter Weight Friend-Network (T2)	1.16	0.39	3.00	44	.036
Diversity Support-Network (T1)	Betweenness Centrality Friend-Network (T2)	-214.73	250.62	-0.86	45	.396
Diversity Support-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.58	0.12	4.80	45	.0000000
Diversity Support-Network (T1)	In-Degree Centrality Friend-Network (T2)	1.73	0.94	1.80	44	.074
Diversity Support-Network (T1)	Out-Degree Centrality Friend-Network (T2)	1.89	1.24	1.50	44	.135
Diversity Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	-0.08	0.18	-0.48	37	.636
Diversity Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	3.91	1.48	2.70	43	.021
Homophily Age Support-Network (T1)	Alter Weight Friend-Network (T2)	0.28	0.24	1.20	44	.261
Homophily Age Support-Network (T1)	Betweenness Centrality Friend-Network (T2)	261.21	146.67	1.80	45	.082
Homophily Age Support-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	1.90	45	.066
Homophily Age Support-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.56	0.65	0.86	44	.393
Homophily Age Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	-0.09	0.10	-0.97	41	.339
Homophily Age Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	0.92	0.73	1.30	42	.214
Homophily Class-Year Support-Network (T1)	Alter Weight Friend-Network (T2)	0.14	0.23	0.60	44	.554
Homophily Class-Year Support-Network (T1)	Betweenness Centrality Friend-Network (T2)	160.06	142.30	1.10	45	.267
Homophily Class-Year Support-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-0.46	45	.648
Homophily Class-Year Support-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.64	0.57	1.10	44	.268
Homophily Class-Year Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.09	0.09	0.95	39	.353
Homophily Class-Year Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	0.65	1.05	0.62	44	.541
Homophily Dorm Support-Network (T1)	Alter Weight Friend-Network (T2)	0.97	0.39	2.50	44	.017
Homophily Dorm Support-Network (T1)	Betweenness Centrality Friend-Network (T2)	286.79	245.41	1.20	45	.249
Homophily Dorm Support-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.84	1.13	0.74	44	.463
Homophily Dorm Support-Network (T1)	Out-Degree Centrality Friend-Network (T2)	2.72	1.42	1.90	44	.063
Homophily Dorm Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.42	0.22	1.70	39	.267
Homophily Dorm Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	3.21	1.68	2.00	43	.062
Homophily Dorm Support-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.88	0.25	3.60	37	.001
Homophily Gender Support-Network (T1)	Alter Weight Friend-Network (T2)	0.28	0.26	1.10	46	.290
Homophily Gender Support-Network (T1)	Betweenness Centrality Friend-Network (T2)	115.27	166.73	0.69	45	.493
Homophily Gender Support-Network (T1)	Closeness Centrality Friend-Network (T2)	0.00	0.00	0.72	45	.472
Homophily Gender Support-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.11	0.10	1.10	45	.270
Homophily Gender Support-Network (T1)	In-Degree Centrality Friend-Network (T2)	1.01	0.70	1.40	44	.156
Homophily Gender Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.10	0.12	0.85	37	.402
Homophily Gender Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	0.92	1.31	0.71	44	.483
Homophily Gender Support-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.10	0.12	0.82	37	.419
Homophily Group Support-Network (T1)	Alter Weight Friend-Network (T2)	-0.31	0.24	-1.30	49	.236
Homophily Group Support-Network (T1)	Betweenness Centrality Friend-Network (T2)	-232.12	150.57	-1.50	50	.130
Homophily Group Support-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-1.50	50	.150
Homophily Group Support-Network (T1)	Eigenvector Centrality Friend-Network (T2)	-0.14	0.08	-1.60	50	.109
Homophily Group Support-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-0.76	0.81	-0.93	49	.356
Homophily Group Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.25	0.10	2.60	45	.017
Homophily Group Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	-1.08	0.96	-1.20	48	.264
Homophily Group Support-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.13	0.10	1.30	42	.190
Homophily Native Lang. Support-Network (T1)	Alter Weight Friend-Network (T2)	-0.57	0.23	-2.50	44	.016
Homophily Native Lang. Support-Network (T1)	Betweenness Centrality Friend-Network (T2)	-78.85	149.66	-0.53	45	.601
Homophily Native Lang. Support-Network (T1)	Closeness Centrality Friend-Network (T2)	-0.00	0.00	-1.00	45	.298
Homophily Native Lang. Support-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.30	0.59	0.52	44	.606
Homophily Native Lang. Support-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-0.99	0.75	-1.30	44	.191
Homophily Native Lang. Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.12	0.10	1.20	39	.232
Homophily Native Lang. Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	-1.20	0.89	-1.60	43	.272
Homophily Native Lang. Support-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.16	0.09	1.60	37	.108
Homophily Race Support-Network (T1)	Alter Weight Friend-Network (T2)	-0.31	0.23	-1.30	44	.192
Homophily Race Support-Network (T1)	Eigenvector Centrality Friend-Network (T2)	-0.15	0.08	-1.80	45	.078
Homophily Race Support-Network (T1)	In-Degree Centrality Friend-Network (T2)	0.13	0.09	1.40	38	.178
Homophily Race Support-Network (T1)	Out-Degree Centrality Friend-Network (T2)	-0.67	0.72	-0.94	42	.355
Homophily Race Support-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.09	0.09	0.95	37	.350
Homophily School Support-Network (T1)	Alter Weight Friend-Network (T2)	0.53	0.35	1.50	44	.141
Homophily School Support-Network (T1)	Betweenness Centrality Friend-Network (T2)	179.41	224.22	0.80	45	.428
Homophily School Support-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.09	0.13	0.65	45	.520
Homophily School Support-Network (T1)	In-Degree Centrality Friend-Network (T2)	1.03	0.97	1.10	44	.296
Homophily School Support-Network (T1)	Out-Degree Centrality Friend-Network (T2)	0.64	1.28	0.50	44	.618
Homophily School Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.14	0.16	0.86	39	.396
Homophily School Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	1.69	1.43	1.30	43	.238
Homophily School Support-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	-0.21	0.16	-1.30	37	.198

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 54: Filtered by Significant Results ($p < .05$)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Alter Weight Friend-Network (T2)	0.70	0.29	2.40	62	.028
Diversity Friend-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.22	0.09	2.50	67	.014
Diversity Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	2.49	1.14	2.20	63	.032
Diversity Study-Network (T1)	Alter Weight Friend-Network (T2)	1.02	0.26	4.00	98	.0000000
Diversity Study-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.31	0.07	4.50	106	.0000000
Diversity Study-Network (T1)	In-Degree Centrality Friend-Network (T2)	3.20	0.65	4.90	102	.0000000
Diversity Study-Network (T1)	Out-Degree Centrality Friend-Network (T2)	1.54	0.48	5.20	52	.045
Diversity Support-Network (T1)	Alter Weight Friend-Network (T2)	1.16	0.39	3.00	44	.036
Diversity Support-Network (T1)	Eigenvector Centrality Friend-Network (T2)	0.58	0.12	4.80	45	.0000000
Diversity Support-Network (T1)	Total Degree Centrality Friend-Network (T2)	3.91	1.48	2.70	43	.021
Homophily Dorm Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.40	0.14	2.80	58	.016
Homophily Dorm Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.35	0.17	2.10	54	.040
Homophily Dorm Study-Network (T1)	Alter Weight Friend-Network (T2)	0.79	0.39	2.00	39	.049
Homophily Dorm Support-Network (T1)	Alter Weight Friend-Network (T2)	0.97	0.39	2.50	44	.017
Homophily Dorm Support-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.88	0.25	3.60	37	.001
Homophily Group Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.35	0.11	3.20	60	.002
Homophily Group Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.25	0.11	2.30	56	.024
Homophily Group Study-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.32	0.10	3.20	40	.003
Homophily Group Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.24	0.11	2.20	38	.035
Homophily Group Support-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.25	0.10	2.60	45	.017
Homophily Native Lang. Friend-Network (T1)	Total Degree Centrality Friend-Network (T2)	-1.62	0.76	-2.10	60	.038
Homophily Native Lang. Study-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.23	0.10	2.30	34	.027
Homophily Native Lang. Support-Network (T1)	Alter Weight Friend-Network (T2)	-0.57	0.23	-2.50	44	.016
Homophily Race Friend-Network (T1)	Tie Reciprocity Friend-Network (T2)	0.24	0.09	2.60	56	.011
Homophily Race Friend-Network (T1)	Total Tie Reciprocity Friend-Network (T2)	0.20	0.09	2.10	54	.038

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 55: Diversity-Relevant Variables Predict Network Centrality Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Study-Network (T1)	Alter Weight Support-Network (T2)	0.57	0.14	4.00	98	.0000000
Diversity Study-Network (T1)	Betweenness Centrality Support-Network (T2)	94.93	31.70	3.00	103	.003
Diversity Study-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	2.60	103	.012
Diversity Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.28	0.06	4.30	103	.0000000
Diversity Study-Network (T1)	In-Degree Centrality Support-Network (T2)	2.51	0.42	6.00	103	.0000000
Diversity Study-Network (T1)	Out-Degree Centrality Support-Network (T2)	1.14	0.47	2.40	103	.016
Diversity Study-Network (T1)	Tie Reciprocity Support-Network (T2)	0.22	0.08	3.00	98	.005
Diversity Study-Network (T1)	Total Degree Centrality Support-Network (T2)	1.84	0.45	3.60	100	.005
Diversity Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.23	0.08	3.00	84	.004
Diversity Study-Network (T1)	Betweenness Centrality Support-Network (T2)	-53.78	46.35	-1.20	38	.253
Homophily Age Study-Network (T1)	Out-Degree Centrality Support-Network (T2)	-0.59	0.56	-1.00	38	.303
Homophily Age Study-Network (T1)	Tie Reciprocity Support-Network (T2)	0.06	0.08	0.70	37	.487
Homophily Age Study-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.42	0.47	-0.87	38	.412
Homophily Age Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.10	0.12	0.82	32	.416
Homophily Class-Year Study-Network (T1)	Betweenness Centrality Support-Network (T2)	-30.17	43.92	-0.69	38	.496
Homophily Class-Year Study-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	1.30	38	.191
Homophily Class-Year Study-Network (T1)	Tie Reciprocity Support-Network (T2)	0.07	0.09	0.72	38	.485
Homophily Dorm Study-Network (T1)	Alter Weight Support-Network (T2)	0.28	0.26	1.10	39	.287
Homophily Dorm Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.17	0.22	0.77	38	.446
Homophily Dorm Study-Network (T1)	In-Degree Centrality Support-Network (T2)	1.54	1.10	1.40	38	.171
Homophily Dorm Study-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.37	0.15	-2.70	38	.115
Homophily Dorm Study-Network (T1)	Total Degree Centrality Support-Network (T2)	0.85	1.18	0.70	38	.486
Homophily Dorm Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	-0.25	0.19	-1.20	32	.287
Homophily Gender Study-Network (T1)	Alter Weight Support-Network (T2)	0.16	0.18	0.93	39	.359
Homophily Gender Study-Network (T1)	Betweenness Centrality Support-Network (T2)	-23.77	48.03	-0.49	38	.624
Homophily Gender Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.15	0.11	1.40	38	.178
Homophily Gender Study-Network (T1)	In-Degree Centrality Support-Network (T2)	0.81	0.58	1.40	38	.166
Homophily Gender Study-Network (T1)	Out-Degree Centrality Support-Network (T2)	-0.38	0.58	-0.66	38	.514
Homophily Gender Study-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.15	0.10	-1.40	39	.166
Homophily Gender Study-Network (T1)	Total Degree Centrality Support-Network (T2)	0.09	0.70	0.01	38	.637
Homophily Gender Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.10	0.12	0.88	32	.391
Homophily Group Study-Network (T1)	Alter Weight Support-Network (T2)	-0.23	0.16	-1.40	42	.157
Homophily Group Study-Network (T1)	Betweenness Centrality Support-Network (T2)	-54.02	40.25	-1.30	42	.187
Homophily Group Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	-0.14	0.09	-1.50	42	.150
Homophily Group Study-Network (T1)	Out-Degree Centrality Support-Network (T2)	-0.73	0.49	-1.50	42	.144
Homophily Group Study-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.08	0.09	-0.92	42	.374
Homophily Group Study-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.75	0.54	-1.50	42	.180
Homophily Group Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	-0.10	0.11	-0.90	36	.376
Homophily Native Lang. Study-Network (T1)	Betweenness Centrality Support-Network (T2)	19.66	41.56	0.47	38	.639
Homophily Native Lang. Study-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	0.99	38	.329
Homophily Native Lang. Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.07	0.10	0.67	38	.507
Homophily Native Lang. Study-Network (T1)	In-Degree Centrality Support-Network (T2)	0.71	0.50	1.40	38	.163
Homophily Native Lang. Study-Network (T1)	Tie Reciprocity Support-Network (T2)	0.09	0.09	1.00	38	.320
Homophily Native Lang. Study-Network (T1)	Total Degree Centrality Support-Network (T2)	0.86	0.75	1.10	38	.260
Homophily Native Lang. Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.06	0.11	0.52	32	.608
Homophily Race Study-Network (T1)	Alter Weight Support-Network (T2)	-0.22	0.17	-1.20	38	.219
Homophily Race Study-Network (T1)	Betweenness Centrality Support-Network (T2)	41.91	43.95	0.95	38	.346
Homophily Race Study-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	1.00	38	.307
Homophily Race Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	-0.14	0.10	-1.40	38	.171
Homophily Race Study-Network (T1)	In-Degree Centrality Support-Network (T2)	0.32	0.54	0.58	38	.562
Homophily Race Study-Network (T1)	Tie Reciprocity Support-Network (T2)	0.05	0.10	0.53	39	.598
Homophily Race Study-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.23	0.48	-0.48	37	.632
Homophily School Study-Network (T1)	Alter Weight Support-Network (T2)	-0.25	0.41	-0.60	39	.554
Homophily School Study-Network (T1)	Closeness Centrality Support-Network (T2)	-0.00	0.00	-0.54	38	.590
Homophily School Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.12	0.24	0.47	38	.638
Homophily School Study-Network (T1)	In-Degree Centrality Support-Network (T2)	0.67	1.27	0.52	38	.603
Homophily School Study-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.34	0.21	-1.70	38	.134
Homophily School Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	-0.34	0.25	-1.40	32	.183

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 56: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.20	0.08	2.50	66	.014
Diversity Study-Network (T1)	Alter Weight Support-Network (T2)	0.57	0.14	4.00	98	.0000000
Diversity Study-Network (T1)	Betweenness Centrality Support-Network (T2)	94.93	31.70	3.00	103	.003
Diversity Study-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	2.60	103	.012
Diversity Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.28	0.06	4.30	103	.0000000
Diversity Study-Network (T1)	In-Degree Centrality Support-Network (T2)	2.51	0.42	6.00	103	.0000000
Diversity Study-Network (T1)	Out-Degree Centrality Support-Network (T2)	1.14	0.47	2.40	103	.016
Diversity Study-Network (T1)	Tie Reciprocity Support-Network (T2)	0.22	0.08	3.00	98	.005
Diversity Study-Network (T1)	Total Degree Centrality Support-Network (T2)	1.84	0.45	3.60	100	.005
Diversity Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.23	0.08	3.00	84	.004
Diversity Support-Network (T1)	Alter Weight Support-Network (T2)	0.95	0.21	4.60	44	.002
Diversity Support-Network (T1)	Betweenness Centrality Support-Network (T2)	130.81	55.71	2.40	45	.023
Diversity Support-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.54	0.11	4.70	45	.0000000
Diversity Support-Network (T1)	In-Degree Centrality Support-Network (T2)	1.83	0.68	2.70	45	.010
Diversity Support-Network (T1)	Total Degree Centrality Support-Network (T2)	2.32	0.79	3.00	44	.009
Homophily Dorm Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.91	0.44	2.00	66	.045
Homophily Group Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	-68.24	34.00	-2.00	68	.049
Homophily Group Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.77	0.35	-2.20	64	.032
Homophily Native Lang. Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.88	0.38	2.30	66	.024

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 57: Diversity-Relevant Variables Predict Network Centrality Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Alter Weight Support-Network (T2)	0.34	0.16	2.10	62	.051
Diversity Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	30.59	40.27	0.76	66	.450
Diversity Friend-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	1.40	66	.176
Diversity Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.20	0.08	2.50	66	.014
Diversity Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.58	0.50	1.20	66	.253
Diversity Friend-Network (T1)	Out-Degree Centrality Support-Network (T2)	0.35	0.55	0.64	66	.525
Diversity Friend-Network (T1)	Tie Reciprocity Support-Network (T2)	0.15	0.10	1.40	62	.163
Diversity Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	0.77	0.56	1.40	64	.169
Diversity Friend-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.14	0.10	1.40	52	.179
Diversity Friend-Network (T1)	Alter Weight Support-Network (T2)	-0.11	0.12	-0.92	60	.360
Homophily Age Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	-28.80	30.02	-0.96	66	.341
Homophily Age Friend-Network (T1)	Out-Degree Centrality Support-Network (T2)	-0.54	0.40	-1.30	66	.185
Homophily Age Friend-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.12	0.09	-1.30	65	.192
Homophily Age Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.52	0.42	-1.30	64	.208
Homophily Class-Year Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	-31.68	28.53	-1.10	66	.271
Homophily Class-Year Friend-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	1.20	66	.248
Homophily Class-Year Friend-Network (T1)	Out-Degree Centrality Support-Network (T2)	-0.27	0.39	-0.70	66	.490
Homophily Class-Year Friend-Network (T1)	Tie Reciprocity Support-Network (T2)	0.04	0.05	0.78	60	.438
Homophily Class-Year Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.24	0.30	-0.80	62	.428
Homophily Class-Year Friend-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.03	0.07	0.47	55	.642
Homophily Dorm Friend-Network (T1)	Alter Weight Support-Network (T2)	0.09	0.15	0.60	65	.554
Homophily Dorm Friend-Network (T1)	Closeness Centrality Support-Network (T2)	-0.00	0.00	-0.49	66	.629
Homophily Dorm Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.04	0.08	0.54	66	.593
Homophily Dorm Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.91	0.44	2.00	66	.045
Homophily Dorm Friend-Network (T1)	Out-Degree Centrality Support-Network (T2)	0.27	0.50	0.54	66	.594
Homophily Dorm Friend-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.11	0.09	-1.10	62	.310
Homophily Dorm Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	1.18	0.74	1.60	66	.115
Homophily Dorm Friend-Network (T1)	Total Tie Reciprocity Support-Network (T2)	-0.06	0.09	-0.67	52	.507
Homophily Gender Friend-Network (T1)	Alter Weight Support-Network (T2)	0.17	0.12	1.40	62	.179
Homophily Gender Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	-23.88	30.33	-0.79	66	.434
Homophily Gender Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.08	0.06	1.20	66	.230
Homophily Gender Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.52	0.37	1.40	66	.169
Homophily Gender Friend-Network (T1)	Tie Reciprocity Support-Network (T2)	0.00	0.07	0.21	62	.340
Homophily Gender Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	0.27	0.48	0.33	63	.446
Homophily Gender Friend-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.14	0.08	1.90	52	.065
Homophily Group Friend-Network (T1)	Alter Weight Support-Network (T2)	-0.17	0.14	-1.20	64	.218
Homophily Group Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	-68.24	34.00	-2.00	68	.049
Homophily Group Friend-Network (T1)	Closeness Centrality Support-Network (T2)	-0.00	0.00	-1.20	68	.217
Homophily Group Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	-0.10	0.07	-1.40	68	.159
Homophily Group Friend-Network (T1)	Out-Degree Centrality Support-Network (T2)	-0.33	0.47	-0.69	68	.490
Homophily Group Friend-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.08	0.08	-1.10	64	.294
Homophily Group Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.77	0.35	-2.20	64	.032
Homophily Group Friend-Network (T1)	Total Tie Reciprocity Support-Network (T2)	-0.12	0.10	-1.20	54	.228
Homophily Native Lang. Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	30.46	31.62	0.96	66	.339
Homophily Native Lang. Friend-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	0.99	66	.327
Homophily Native Lang. Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.07	0.07	1.00	66	.304
Homophily Native Lang. Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.88	0.38	2.30	66	.024
Homophily Native Lang. Friend-Network (T1)	Tie Reciprocity Support-Network (T2)	0.04	0.06	0.69	60	.494
Homophily Native Lang. Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	1.03	0.64	1.60	66	.111
Homophily Race Friend-Network (T1)	Alter Weight Support-Network (T2)	-0.14	0.11	-1.20	61	.218
Homophily Race Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	28.43	28.06	1.00	65	.315
Homophily Race Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	-0.07	0.06	-1.20	65	.220
Homophily Race Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.65	0.34	1.90	65	.061
Homophily Race Friend-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.07	0.07	-1.00	61	.316
Homophily Race Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.03	0.39	-0.37	62	.305
Homophily Race Friend-Network (T1)	Total Tie Reciprocity Support-Network (T2)	-0.10	0.08	-1.30	51	.205
Homophily School Friend-Network (T1)	Alter Weight Support-Network (T2)	-0.13	0.17	-0.78	65	.441
Homophily School Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.06	0.09	0.65	66	.515
Homophily School Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.52	0.51	1.00	66	.310
Homophily School Friend-Network (T1)	Tie Reciprocity Support-Network (T2)	0.01	0.10	-0.07	62	.568
Homophily School Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.27	0.44	-0.60	65	.552
Homophily School Friend-Network (T1)	Total Tie Reciprocity Support-Network (T2)	-0.09	0.11	-0.78	52	.439

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 58: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.20	0.08	2.50	66	.014
Diversity Study-Network (T1)	Alter Weight Support-Network (T2)	0.57	0.14	4.00	98	.0000000
Diversity Study-Network (T1)	Betweenness Centrality Support-Network (T2)	94.93	31.70	3.00	103	.003
Diversity Study-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	2.60	103	.012
Diversity Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.28	0.06	4.30	103	.0000000
Diversity Study-Network (T1)	In-Degree Centrality Support-Network (T2)	2.51	0.42	6.00	103	.0000000
Diversity Study-Network (T1)	Out-Degree Centrality Support-Network (T2)	1.14	0.47	2.40	103	.016
Diversity Study-Network (T1)	Tie Reciprocity Support-Network (T2)	0.22	0.08	3.00	98	.005
Diversity Study-Network (T1)	Total Degree Centrality Support-Network (T2)	1.84	0.45	3.60	100	.005
Diversity Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.23	0.08	3.00	84	.004
Diversity Support-Network (T1)	Alter Weight Support-Network (T2)	0.95	0.21	4.60	44	.002
Diversity Support-Network (T1)	Betweenness Centrality Support-Network (T2)	130.81	55.71	2.40	45	.023
Diversity Support-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.54	0.11	4.70	45	.0000000
Diversity Support-Network (T1)	In-Degree Centrality Support-Network (T2)	1.83	0.68	2.70	45	.010
Diversity Support-Network (T1)	Total Degree Centrality Support-Network (T2)	2.32	0.79	3.00	44	.009
Homophily Dorm Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.91	0.44	2.00	66	.045
Homophily Group Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	-68.24	34.00	-2.00	68	.049
Homophily Group Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.77	0.35	-2.20	64	.032
Homophily Native Lang. Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.88	0.38	2.30	66	.024

* Residualized change multiple regressions:
 controlling for age, race (minority/non-minority),
 and prior phases of the dependent variable

Table 59: Diversity-Relevant Variables Predict Network Centrality Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Support-Network (T1)	Alter Weight Support-Network (T2)	0.95	0.21	4.60	44	.002
Diversity Support-Network (T1)	Betweenness Centrality Support-Network (T2)	130.81	55.71	2.40	45	.023
Diversity Support-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	2.00	45	.057
Diversity Support-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.54	0.11	4.70	45	.0000000
Diversity Support-Network (T1)	In-Degree Centrality Support-Network (T2)	1.83	0.68	2.70	45	.010
Diversity Support-Network (T1)	Out-Degree Centrality Support-Network (T2)	1.14	0.77	1.50	45	.148
Diversity Support-Network (T1)	Tie Reciprocity Support-Network (T2)	0.30	0.14	2.00	44	.116
Diversity Support-Network (T1)	Total Degree Centrality Support-Network (T2)	2.32	0.79	3.00	44	.009
Diversity Support-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.22	0.14	1.60	37	.139
Homophily Age Support-Network (T1)	Alter Weight Support-Network (T2)	0.08	0.14	0.58	46	.562
Homophily Age Support-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	1.20	45	.225
Homophily Age Support-Network (T1)	In-Degree Centrality Support-Network (T2)	0.34	0.44	0.77	45	.446
Homophily Age Support-Network (T1)	Out-Degree Centrality Support-Network (T2)	-0.39	0.47	-0.83	45	.412
Homophily Age Support-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.00	0.08	0.15	44	.381
Homophily Age Support-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.29	0.41	-0.71	42	.479
Homophily Age Support-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.10	0.08	1.20	37	.236
Homophily Class-Year Support-Network (T1)	Alter Weight Support-Network (T2)	0.12	0.14	0.90	44	.377
Homophily Class-Year Support-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	2.00	45	.057
Homophily Class-Year Support-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.04	0.08	0.53	45	.600
Homophily Class-Year Support-Network (T1)	In-Degree Centrality Support-Network (T2)	0.28	0.42	0.68	45	.502
Homophily Class-Year Support-Network (T1)	Tie Reciprocity Support-Network (T2)	0.09	0.06	1.40	42	.166
Homophily Class-Year Support-Network (T1)	Total Degree Centrality Support-Network (T2)	0.47	0.67	0.71	45	.484
Homophily Class-Year Support-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.12	0.08	1.50	37	.143
Homophily Dorm Support-Network (T1)	Alter Weight Support-Network (T2)	0.25	0.22	1.20	46	.255
Homophily Dorm Support-Network (T1)	Closeness Centrality Support-Network (T2)	-0.00	0.00	-1.30	45	.208
Homophily Dorm Support-Network (T1)	In-Degree Centrality Support-Network (T2)	0.74	0.71	1.00	45	.305
Homophily Dorm Support-Network (T1)	Out-Degree Centrality Support-Network (T2)	0.72	0.77	0.93	45	.358
Homophily Dorm Support-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.08	0.14	-0.47	44	.219
Homophily Dorm Support-Network (T1)	Total Degree Centrality Support-Network (T2)	0.89	0.87	0.91	46	.396
Homophily Dorm Support-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.14	0.13	1.10	37	.284
Homophily Gender Support-Network (T1)	Alter Weight Support-Network (T2)	0.13	0.15	0.81	46	.419
Homophily Gender Support-Network (T1)	Betweenness Centrality Support-Network (T2)	-39.17	38.72	-1.00	45	.317
Homophily Gender Support-Network (T1)	Closeness Centrality Support-Network (T2)	-0.00	0.00	-0.50	45	.616
Homophily Gender Support-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.09	0.09	0.98	45	.331
Homophily Gender Support-Network (T1)	In-Degree Centrality Support-Network (T2)	0.76	0.47	1.60	45	.117
Homophily Gender Support-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.18	0.11	-1.70	46	.089
Homophily Gender Support-Network (T1)	Total Degree Centrality Support-Network (T2)	0.24	0.62	0.17	44	.407
Homophily Gender Support-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.06	0.09	0.64	37	.531
Homophily Group Support-Network (T1)	Alter Weight Support-Network (T2)	-0.23	0.14	-1.70	49	.110
Homophily Group Support-Network (T1)	Betweenness Centrality Support-Network (T2)	-55.56	34.02	-1.60	50	.109
Homophily Group Support-Network (T1)	Closeness Centrality Support-Network (T2)	-0.00	0.00	-1.10	50	.292
Homophily Group Support-Network (T1)	Eigenvector Centrality Support-Network (T2)	-0.13	0.08	-1.60	50	.124
Homophily Group Support-Network (T1)	Out-Degree Centrality Support-Network (T2)	-0.62	0.45	-1.40	50	.173
Homophily Group Support-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.10	0.08	-1.10	49	.303
Homophily Group Support-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.76	0.48	-1.80	49	.146
Homophily Group Support-Network (T1)	Total Tie Reciprocity Support-Network (T2)	-0.05	0.09	-0.63	42	.530
Homophily Native Lang. Support-Network (T1)	Betweenness Centrality Support-Network (T2)	19.22	34.96	0.55	45	.585
Homophily Native Lang. Support-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	1.40	45	.168
Homophily Native Lang. Support-Network (T1)	In-Degree Centrality Support-Network (T2)	0.41	0.43	0.96	45	.343
Homophily Native Lang. Support-Network (T1)	Tie Reciprocity Support-Network (T2)	0.09	0.08	1.20	44	.267
Homophily Native Lang. Support-Network (T1)	Total Degree Centrality Support-Network (T2)	0.63	0.70	0.90	45	.373
Homophily Native Lang. Support-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.10	0.08	1.30	37	.208
Homophily Race Support-Network (T1)	Alter Weight Support-Network (T2)	-0.15	0.14	-1.10	44	.294
Homophily Race Support-Network (T1)	Eigenvector Centrality Support-Network (T2)	-0.14	0.08	-1.80	45	.085
Homophily Race Support-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.05	0.09	-0.52	45	.602
Homophily Race Support-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.21	0.39	-0.54	44	.593
Homophily School Support-Network (T1)	Alter Weight Support-Network (T2)	-0.13	0.22	-0.62	44	.543
Homophily School Support-Network (T1)	In-Degree Centrality Support-Network (T2)	0.51	0.65	0.79	45	.434
Homophily School Support-Network (T1)	Out-Degree Centrality Support-Network (T2)	-0.57	0.70	-0.82	45	.417
Homophily School Support-Network (T1)	Tie Reciprocity Support-Network (T2)	-0.05	0.10	-0.53	42	.596
Homophily School Support-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.39	0.59	-0.67	44	.510
Homophily School Support-Network (T1)	Total Tie Reciprocity Support-Network (T2)	-0.06	0.12	-0.50	39	.622

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 60: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Diversity Friend-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.20	0.08	2.50	66	.014
Diversity Study-Network (T1)	Alter Weight Support-Network (T2)	0.57	0.14	4.00	98	.0000000
Diversity Study-Network (T1)	Betweenness Centrality Support-Network (T2)	94.93	31.70	3.00	103	.003
Diversity Study-Network (T1)	Closeness Centrality Support-Network (T2)	0.00	0.00	2.60	103	.012
Diversity Study-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.28	0.06	4.30	103	.0000000
Diversity Study-Network (T1)	In-Degree Centrality Support-Network (T2)	2.51	0.42	6.00	103	.0000000
Diversity Study-Network (T1)	Out-Degree Centrality Support-Network (T2)	1.14	0.47	2.40	103	.016
Diversity Study-Network (T1)	Tie Reciprocity Support-Network (T2)	0.22	0.08	3.00	98	.005
Diversity Study-Network (T1)	Total Degree Centrality Support-Network (T2)	1.84	0.45	3.60	100	.005
Diversity Study-Network (T1)	Total Tie Reciprocity Support-Network (T2)	0.23	0.08	3.00	84	.004
Diversity Support-Network (T1)	Alter Weight Support-Network (T2)	0.95	0.21	4.60	44	.002
Diversity Support-Network (T1)	Betweenness Centrality Support-Network (T2)	130.81	55.71	2.40	45	.023
Diversity Support-Network (T1)	Eigenvector Centrality Support-Network (T2)	0.54	0.11	4.70	45	.0000000
Diversity Support-Network (T1)	In-Degree Centrality Support-Network (T2)	1.83	0.68	2.70	45	.010
Diversity Support-Network (T1)	Total Degree Centrality Support-Network (T2)	2.32	0.79	3.00	44	.009
Homophily Dorm Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.91	0.44	2.00	66	.045
Homophily Group Friend-Network (T1)	Betweenness Centrality Support-Network (T2)	-68.24	34.00	-2.00	68	.049
Homophily Group Friend-Network (T1)	Total Degree Centrality Support-Network (T2)	-0.77	0.35	-2.20	64	.032
Homophily Native Lang. Friend-Network (T1)	In-Degree Centrality Support-Network (T2)	0.88	0.38	2.30	66	.024

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

HIGH-SCHOOL LEVEL VARIABLES PREDICTING

ADULTHOOD TIME-POINT 1 VARIABLES

Table 61: High School Ecological Variables Predict Diversity Ideology (Not Network-Specific)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Descriptive Multiculturalism (T1)	0.63	0.43	1.50	47	.150
HS Diversity 2000	Prescriptive Multiculturalism Predominance (T1)	1.03	0.84	1.20	45	.226
HS Diversity 2000	Prescriptive Multiculturalism (T1)	0.27	0.46	0.59	46	.561
HS Diversity 2010	Descriptive Multiculturalism Predominance (T1)	0.47	0.39	1.20	93	.235
HS Diversity 2010	Descriptive Multiculturalism (T1)	0.37	0.26	1.40	93	.152
HS Diversity 2010	Prescriptive Multiculturalism Predominance (T1)	1.33	0.59	2.20	83	.027
HS Diversity 2010	Prescriptive Multiculturalism (T1)	0.24	0.30	0.83	88	.454
HS Female Student Percent 2010	Descriptive Multiculturalism Predominance (T1)	-1.12	0.79	-1.40	75	.160
HS Female Student Percent 2010	Descriptive Multiculturalism (T1)	0.50	0.56	0.89	79	.375
HS Female Student Percent 2010	Prescriptive Multiculturalism Predominance (T1)	-1.43	1.15	-1.20	69	.216
HS Female Student Percent 2010	Prescriptive Multiculturalism (T1)	-0.30	0.60	-0.50	76	.617
HS Male Student Percent 2010	Descriptive Multiculturalism Predominance (T1)	1.12	0.79	1.40	75	.160
HS Male Student Percent 2010	Descriptive Multiculturalism (T1)	-0.50	0.56	-0.89	79	.375
HS Male Student Percent 2010	Prescriptive Multiculturalism Predominance (T1)	1.43	1.15	1.20	69	.216
HS Male Student Percent 2010	Prescriptive Multiculturalism (T1)	0.30	0.60	0.50	76	.617
HS Percent Change Minority 2000-2010	Descriptive Multiculturalism (T1)	0.05	0.11	0.47	78	.641
HS Percent Change Minority 2000-2010	Prescriptive Multiculturalism Predominance (T1)	0.23	0.24	0.93	70	.356
HS Percent Change Minority 2000-2010	Prescriptive Multiculturalism (T1)	0.13	0.12	1.10	74	.273
HS Percent Change Minority 2010-2015	Descriptive Multiculturalism Predominance (T1)	-0.02	0.08	-0.28	78	.779
HS Percent Change Minority 2010-2015	Descriptive Multiculturalism (T1)	-0.05	0.05	-0.86	78	.390
HS Percent Change Minority 2010-2015	Prescriptive Multiculturalism Predominance (T1)	-0.11	0.12	-0.96	70	.342
HS Percent Change Minority 2010-2015	Prescriptive Multiculturalism (T1)	-0.07	0.06	-1.30	74	.207
HS Percent Minority 2000	Descriptive Multiculturalism Predominance (T1)	0.27	0.38	0.70	78	.483
HS Percent Minority 2000	Descriptive Multiculturalism (T1)	0.12	0.25	0.47	78	.640
HS Percent Minority 2000	Prescriptive Multiculturalism Predominance (T1)	1.26	0.54	2.30	70	.024
HS Percent Minority 2000	Prescriptive Multiculturalism (T1)	0.14	0.28	0.49	70	.622
HS Percent Minority 2010	Descriptive Multiculturalism Predominance (T1)	0.10	0.35	0.29	94	.775
HS Percent Minority 2010	Descriptive Multiculturalism (T1)	0.08	0.23	0.34	94	.737
HS Percent Minority 2010	Prescriptive Multiculturalism Predominance (T1)	1.18	0.51	2.30	84	.023
HS Percent Minority 2010	Prescriptive Multiculturalism (T1)	0.26	0.26	1.00	89	.362
HS Percent Minority 2015	Descriptive Multiculturalism Predominance (T1)	0.16	0.36	0.45	95	.657
HS Percent Minority 2015	Descriptive Multiculturalism (T1)	0.08	0.24	0.35	95	.727
HS Percent Minority 2015	Prescriptive Multiculturalism Predominance (T1)	1.34	0.53	2.50	85	.013
HS Percent Minority 2015	Prescriptive Multiculturalism (T1)	0.30	0.27	1.10	90	.290
HS Percent Minority Increase 2000-2010	Descriptive Multiculturalism Predominance (T1)	-0.53	1.42	-0.37	78	.713
HS Percent Minority Increase 2000-2010	Prescriptive Multiculturalism Predominance (T1)	2.36	2.12	1.10	70	.270
HS Percent Minority Increase 2000-2010	Prescriptive Multiculturalism (T1)	1.43	1.02	1.40	74	.165
HS Percent Minority Increase 2000-2015	Prescriptive Multiculturalism Predominance (T1)	1.27	1.41	0.89	70	.374
HS Percent Minority Increase 2000-2015	Prescriptive Multiculturalism (T1)	0.88	0.68	1.30	74	.195
HS Percent Minority Increase 2010-2015	Descriptive Multiculturalism Predominance (T1)	0.59	1.17	0.51	94	.614
HS Percent Minority Increase 2010-2015	Prescriptive Multiculturalism Predominance (T1)	0.93	1.89	0.49	84	.625
HS Percent Minority Increase 2010-2015	Prescriptive Multiculturalism (T1)	0.42	0.90	0.47	94	.642
HS Percent Minority Increase Or Decrease 2000-2010	Descriptive Multiculturalism Predominance (T1)	0.16	0.23	0.70	78	.488
HS Percent Minority Increase Or Decrease 2000-2010	Descriptive Multiculturalism (T1)	0.08	0.15	0.52	78	.602
HS Percent Minority Increase Or Decrease 2000-2010	Prescriptive Multiculturalism Predominance (T1)	0.38	0.35	1.10	70	.278
HS Percent Minority Increase Or Decrease 2000-2010	Prescriptive Multiculturalism (T1)	0.10	0.17	0.59	74	.558
HS % Students Full Subsidy Lunch 2010	Descriptive Multiculturalism Predominance (T1)	-0.00	0.01	-0.29	61	.776
HS % Students Full Subsidy Lunch 2010	Descriptive Multiculturalism (T1)	-0.01	0.00	-1.80	65	.077
HS % Students Full Subsidy Lunch 2010	Prescriptive Multiculturalism (T1)	-0.01	0.00	-1.20	63	.239
HS % Students Partial Subsidy Lunch 2010	Descriptive Multiculturalism Predominance (T1)	0.01	0.01	0.67	61	.508
HS % Students Partial Subsidy Lunch 2010	Descriptive Multiculturalism (T1)	0.00	0.01	0.53	65	.598
HS % Students Partial Subsidy Lunch 2010	Prescriptive Multiculturalism Predominance (T1)	0.02	0.01	2.50	57	.015
HS % Students Partial Subsidy Lunch 2010	Prescriptive Multiculturalism (T1)	0.01	0.01	2.30	63	.024

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 62: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2010	Prescriptive Multiculturalism Predominance (T1)	1.33	0.59	2.20	83	.027
HS Percent Minority 2000	Prescriptive Multiculturalism Predominance (T1)	1.26	0.54	2.30	70	.024
HS Percent Minority 2010	Prescriptive Multiculturalism Predominance (T1)	1.18	0.51	2.30	84	.023
HS Percent Minority 2015	Prescriptive Multiculturalism Predominance (T1)	1.34	0.53	2.50	85	.013
HS % Students Partial Subsidy Lunch 2010	Prescriptive Multiculturalism Predominance (T1)	0.02	0.01	2.50	57	.015
HS % Students Partial Subsidy Lunch 2010	Prescriptive Multiculturalism (T1)	0.01	0.01	2.30	63	.024
Tract Diversity 2015	Prescriptive Multiculturalism Predominance (T1)	2.68	0.72	3.70	84	.0000000
Tract % of Households Adequate Food Access	Descriptive Multiculturalism Predominance (T1)	-0.00	0.00	-2.50	93	.015
Tract Total Households by Population	Descriptive Multiculturalism (T1)	0.00	0.00	2.50	97	.015

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 63: High School Ecological Variables Predict Diversity Ideology Variables (Not Network-Specific)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Descriptive Colorblindness (T1)	0.48	0.60	0.79	47	.432
HS Diversity 2000	Prescriptive Colorblindness (T1)	-0.66	0.52	-1.30	46	.208
HS Diversity 2010	Descriptive Colorblindness (T1)	-0.09	0.36	-0.26	93	.797
HS Diversity 2010	Prescriptive Colorblindness (T1)	-0.68	0.43	-1.50	88	.189
HS Female Student Percent 2010	Descriptive Colorblindness (T1)	1.48	0.71	2.10	79	.040
HS Female Student Percent 2010	Prescriptive Colorblindness (T1)	0.62	0.86	0.70	76	.508
HS Male Student Percent 2010	Descriptive Colorblindness (T1)	-1.48	0.71	-2.10	79	.040
HS Male Student Percent 2010	Prescriptive Colorblindness (T1)	-0.62	0.86	-0.70	76	.508
HS Percent Change Minority 2000-2010	Descriptive Colorblindness (T1)	0.05	0.15	0.31	78	.756
HS Percent Change Minority 2000-2010	Prescriptive Colorblindness (T1)	-0.07	0.17	-0.38	74	.708
HS Percent Change Minority 2010-2015	Descriptive Colorblindness (T1)	-0.02	0.07	-0.32	78	.751
HS Percent Change Minority 2010-2015	Prescriptive Colorblindness (T1)	0.04	0.09	0.50	74	.622
HS Percent Minority 2000	Descriptive Colorblindness (T1)	-0.14	0.35	-0.41	78	.681
HS Percent Minority 2000	Prescriptive Colorblindness (T1)	-1.05	0.38	-2.70	74	.008
HS Percent Minority 2010	Descriptive Colorblindness (T1)	-0.02	0.32	-0.05	94	.962
HS Percent Minority 2010	Prescriptive Colorblindness (T1)	-0.60	0.37	-1.60	89	.163
HS Percent Minority 2015	Descriptive Colorblindness (T1)	-0.07	0.32	-0.21	97	.833
HS Percent Minority 2015	Prescriptive Colorblindness (T1)	-0.69	0.39	-1.80	92	.119
HS Percent Minority Increase 2000-2010	Descriptive Colorblindness (T1)	0.46	1.29	0.36	78	.722
HS Percent Minority Increase 2000-2010	Prescriptive Colorblindness (T1)	-0.39	1.51	-0.24	74	.774
HS Percent Minority Increase 2000-2015	Descriptive Colorblindness (T1)	-0.24	0.86	-0.28	78	.783
HS Percent Minority Increase 2000-2015	Prescriptive Colorblindness (T1)	-0.31	1.00	-0.31	74	.759
HS Percent Minority Increase 2010-2015	Descriptive Colorblindness (T1)	-0.62	1.07	-0.58	94	.567
HS Percent Minority Increase 2010-2015	Prescriptive Colorblindness (T1)	-0.84	1.33	-0.64	89	.527
HS Percent Minority Increase Or Decrease 2000-2010	Descriptive Colorblindness (T1)	-0.09	0.21	-0.41	78	.684
HS Percent Minority Increase Or Decrease 2000-2010	Prescriptive Colorblindness (T1)	-0.26	0.24	-1.10	74	.289
HS % Students Full Subsidy Lunch 2010	Descriptive Colorblindness (T1)	-0.00	0.01	-0.88	65	.382
HS % Students Full Subsidy Lunch 2010	Prescriptive Colorblindness (T1)	0.00	0.01	0.31	63	.620
HS % Students Partial Subsidy Lunch 2010	Descriptive Colorblindness (T1)	-0.00	0.01	-0.60	65	.548
HS % Students Partial Subsidy Lunch 2010	Prescriptive Colorblindness (T1)	-0.01	0.01	-1.40	63	.207

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 64: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Female Student Percent 2010	Descriptive Colorblindness (T1)	1.48	0.71	2.10	79	.040
HS Male Student Percent 2010	Descriptive Colorblindness (T1)	-1.48	0.71	-2.10	79	.040
HS Percent Minority 2000	Prescriptive Colorblindness (T1)	-1.05	0.38	-2.70	74	.008
Tract Diversity 2015	Prescriptive Colorblindness (T1)	-1.78	0.53	-3.30	91	.002
Tract Household Expenditure	Descriptive Colorblindness (T1)	-0.00	0.00	-2.80	97	.005
Tract % of Households Adequate Food Access	Descriptive Colorblindness (T1)	0.00	0.00	2.40	97	.017
Tract % of Households Adequate Shelter	Descriptive Colorblindness (T1)	-0.00	0.00	-2.80	97	.005
Tract Total Households by Population	Prescriptive Colorblindness (T1)	-0.00	0.00	-2.10	92	.042

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 65: High School Ecological Variables Predict Network Diversity and Minority Presence Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Diversity Study-Network (T1)	-0.07	0.18	-0.38	46	.709
HS Diversity 2010	Diversity Study-Network (T1)	-0.26	0.13	-2.00	85	.044
HS Female Student Percent 2010	Diversity Study-Network (T1)	-0.17	0.22	-0.78	73	.437
HS Male Student Percent 2010	Diversity Study-Network (T1)	0.17	0.22	0.78	73	.437
HS Percent Change Minority 2000-2010	Diversity Study-Network (T1)	0.07	0.05	1.30	72	.212
HS Percent Change Minority 2010-2015	Diversity Study-Network (T1)	0.01	0.03	0.56	72	.574
HS Percent Minority 2000	Diversity Study-Network (T1)	-0.14	0.13	-1.10	72	.274
HS Percent Minority 2010	Diversity Study-Network (T1)	-0.18	0.11	-1.60	86	.110
HS Percent Minority 2015	Diversity Study-Network (T1)	-0.20	0.11	-1.80	89	.078
HS Percent Minority Increase 2000-2010	Diversity Study-Network (T1)	-0.63	0.48	-1.30	72	.197
HS Percent Minority Increase 2000-2015	Diversity Study-Network (T1)	-0.16	0.31	-0.52	72	.606
HS Percent Minority Increase 2010-2015	Diversity Study-Network (T1)	0.09	0.38	0.23	86	.822
HS Percent Minority Increase Or Decrease 2000-2010	Diversity Study-Network (T1)	-0.07	0.08	-0.91	72	.367
HS % Students Full Subsidy Lunch 2010	Diversity Study-Network (T1)	0.00	0.00	0.06	62	.953
HS % Students Partial Subsidy Lunch 2010	Diversity Study-Network (T1)	0.00	0.00	0.15	62	.882

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 66: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2010	Diversity Study-Network (T1)	-0.26	0.13	-2.00	85	.044
Tract Household Expenditure	Diversity Study-Network (T1)	0.00	0.00	2.10	89	.040
Tract % of Households Adequate Shelter	Diversity Study-Network (T1)	0.00	0.00	2.10	89	.040

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 67: High School Ecological Variables Predict Network Diversity and Minority Presence Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Diversity Friend-Network (T1)	-0.42	0.37	-1.10	26	.271
HS Diversity 2010	Diversity Friend-Network (T1)	0.07	0.19	0.35	55	.726
HS Female Student Percent 2010	Diversity Friend-Network (T1)	-0.21	0.32	-0.67	44	.509
HS Male Student Percent 2010	Diversity Friend-Network (T1)	0.21	0.32	0.67	44	.509
HS Percent Change Minority 2000-2010	Diversity Friend-Network (T1)	0.06	0.07	0.80	46	.425
HS Percent Change Minority 2010-2015	Diversity Friend-Network (T1)	0.08	0.06	1.40	46	.160
HS Percent Minority 2000	Diversity Friend-Network (T1)	-0.16	0.18	-0.91	46	.370
HS Percent Minority 2010	Diversity Friend-Network (T1)	-0.10	0.16	-0.63	56	.532
HS Percent Minority 2015	Diversity Friend-Network (T1)	0.00	0.16	0.03	58	.957
HS Percent Minority Increase 2000-2010	Diversity Friend-Network (T1)	-0.16	0.67	-0.23	46	.816
HS Percent Minority Increase 2000-2015	Diversity Friend-Network (T1)	0.21	0.46	0.46	46	.648
HS Percent Minority Increase 2010-2015	Diversity Friend-Network (T1)	0.95	0.65	1.40	56	.152
HS Percent Minority Increase Or Decrease 2000-2010	Diversity Friend-Network (T1)	0.08	0.12	0.65	46	.521
HS % Students Full Subsidy Lunch 2010	Diversity Friend-Network (T1)	-0.00	0.00	-0.32	36	.754
HS % Students Partial Subsidy Lunch 2010	Diversity Friend-Network (T1)	-0.00	0.00	-1.00	36	.319

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 68: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
* Residualized change multiple regressions: controlling for age, race (minority/non-minority), and prior phases of the dependent variable						

Table 69: High School Ecological Variables Predict Network Diversity and Minority Presence Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Diversity Support-Network (T1)	-0.39	0.46	-0.84	17	.412
HS Diversity 2010	Diversity Support-Network (T1)	0.06	0.21	0.31	39	.759
HS Female Student Percent 2010	Diversity Support-Network (T1)	0.10	0.40	0.24	33	.813
HS Male Student Percent 2010	Diversity Support-Network (T1)	-0.10	0.40	-0.24	33	.813
HS Percent Change Minority 2000-2010	Diversity Support-Network (T1)	0.03	0.09	0.34	31	.733
HS Percent Change Minority 2010-2015	Diversity Support-Network (T1)	0.03	0.07	0.49	31	.628
HS Percent Minority 2000	Diversity Support-Network (T1)	-0.24	0.22	-1.10	31	.280
HS Percent Minority 2010	Diversity Support-Network (T1)	-0.22	0.17	-1.20	39	.219
HS Percent Minority 2015	Diversity Support-Network (T1)	-0.19	0.17	-1.10	40	.280
HS Percent Minority Increase 2000-2010	Diversity Support-Network (T1)	-0.27	0.78	-0.35	31	.732
HS Percent Minority Increase 2000-2015	Diversity Support-Network (T1)	-0.15	0.63	-0.23	31	.819
HS Percent Minority Increase 2010-2015	Diversity Support-Network (T1)	-0.05	0.89	-0.05	39	.957
HS Percent Minority Increase Or Decrease 2000-2010	Diversity Support-Network (T1)	-0.05	0.13	-0.42	31	.676
HS % Students Full Subsidy Lunch 2010	Diversity Support-Network (T1)	-0.00	0.00	-0.56	26	.583
HS % Students Partial Subsidy Lunch 2010	Diversity Support-Network (T1)	-0.00	0.00	-0.16	26	.872

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 70: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
* Residualized change multiple regressions: controlling for age, race (minority/non-minority), and prior phases of the dependent variable						

Table 71: High School Ecological Variables Predict Social Network Homophily Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Homophily Dorm Study-Network (T1)	0.34	0.25	1.40	13	.200
HS Diversity 2000	Homophily Gender Study-Network (T1)	-0.49	0.60	-0.82	13	.430
HS Diversity 2010	Homophily Age Study-Network (T1)	0.54	0.33	1.60	33	.114
HS Diversity 2010	Homophily Class-Year Study-Network (T1)	0.33	0.35	0.96	33	.346
HS Diversity 2010	Homophily Gender Study-Network (T1)	0.29	0.31	0.94	33	.353
HS Diversity 2010	Homophily Group Study-Network (T1)	-0.60	0.32	-1.90	37	.071
HS Diversity 2010	Homophily Race Study-Network (T1)	-0.58	0.33	-1.80	33	.086
HS Female Student Percent 2010	Homophily Age Study-Network (T1)	0.58	0.59	0.98	23	.336
HS Female Student Percent 2010	Homophily Class-Year Study-Network (T1)	1.32	0.58	2.30	23	.032
HS Female Student Percent 2010	Homophily Gender Study-Network (T1)	0.78	0.58	1.40	23	.189
HS Female Student Percent 2010	Homophily Native Lang. Study-Network (T1)	1.31	0.58	2.30	23	.034
HS Male Student Percent 2010	Homophily Age Study-Network (T1)	-0.58	0.59	-0.98	23	.336
HS Male Student Percent 2010	Homophily Class-Year Study-Network (T1)	-1.32	0.58	-2.30	23	.032
HS Male Student Percent 2010	Homophily Gender Study-Network (T1)	-0.78	0.58	-1.40	23	.189
HS Male Student Percent 2010	Homophily Native Lang. Study-Network (T1)	-1.31	0.58	-2.30	23	.034
HS Percent Change Minority 2000-2010	Homophily Class-Year Study-Network (T1)	0.13	0.12	1.10	28	.275
HS Percent Change Minority 2000-2010	Homophily Gender Study-Network (T1)	0.10	0.11	0.91	28	.368
HS Percent Change Minority 2010-2015	Homophily Class-Year Study-Network (T1)	0.07	0.09	0.79	28	.439
HS Percent Change Minority 2010-2015	Homophily Gender Study-Network (T1)	0.07	0.09	0.84	28	.408
HS Percent Change Minority 2010-2015	Homophily Group Study-Network (T1)	-0.09	0.09	-1.00	31	.326
HS Percent Change Minority 2010-2015	Homophily Native Lang. Study-Network (T1)	-0.10	0.10	-1.00	28	.316
HS Percent Change Minority 2010-2015	Homophily Race Study-Network (T1)	-0.11	0.09	-1.30	28	.202
HS Percent Minority 2000	Homophily Class-Year Study-Network (T1)	-0.53	0.31	-1.70	28	.094
HS Percent Minority 2000	Homophily Dorm Study-Network (T1)	0.21	0.16	1.30	28	.203
HS Percent Minority 2000	Homophily Gender Study-Network (T1)	-0.71	0.27	-2.60	28	.013
HS Percent Minority 2000	Homophily Group Study-Network (T1)	0.34	0.31	1.10	31	.272
HS Percent Minority 2000	Homophily Race Study-Network (T1)	0.42	0.29	1.40	28	.159
HS Percent Minority 2010	Homophily Class-Year Study-Network (T1)	-0.59	0.29	-2.10	33	.048
HS Percent Minority 2010	Homophily Dorm Study-Network (T1)	0.15	0.15	0.99	33	.330
HS Percent Minority 2010	Homophily Gender Study-Network (T1)	-0.42	0.26	-1.60	33	.115
HS Percent Minority 2010	Homophily Native Lang. Study-Network (T1)	-0.33	0.33	-1.00	33	.321
HS Percent Minority 2015	Homophily Class-Year Study-Network (T1)	-0.73	0.29	-2.60	33	.016
HS Percent Minority 2015	Homophily Dorm Study-Network (T1)	0.13	0.15	0.86	33	.394
HS Percent Minority 2015	Homophily Gender Study-Network (T1)	-0.50	0.26	-1.90	33	.065
HS Percent Minority 2015	Homophily Native Lang. Study-Network (T1)	-0.50	0.33	-1.50	33	.136
HS Percent Minority Increase 2000-2010	Homophily Age Study-Network (T1)	1.67	0.97	1.70	28	.097
HS Percent Minority Increase 2000-2010	Homophily Dorm Study-Network (T1)	-1.07	0.53	-2.00	28	.051
HS Percent Minority Increase 2000-2010	Homophily Gender Study-Network (T1)	1.23	0.97	1.30	28	.216
HS Percent Minority Increase 2000-2010	Homophily School Study-Network (T1)	-0.49	0.51	-0.96	28	.343
HS Percent Minority Increase 2000-2015	Homophily Age Study-Network (T1)	0.77	0.73	1.10	28	.297
HS Percent Minority Increase 2000-2015	Homophily Class-Year Study-Network (T1)	-0.91	0.76	-1.20	28	.240
HS Percent Minority Increase 2000-2015	Homophily Dorm Study-Network (T1)	-0.69	0.39	-1.80	28	.087
HS Percent Minority Increase 2000-2015	Homophily Group Study-Network (T1)	-1.08	0.76	-1.40	31	.164
HS Percent Minority Increase 2000-2015	Homophily Native Lang. Study-Network (T1)	-0.89	0.80	-1.10	28	.279
HS Percent Minority Increase 2000-2015	Homophily School Study-Network (T1)	-0.32	0.37	-0.85	28	.401
HS Percent Minority Increase 2010-2015	Homophily Class-Year Study-Network (T1)	-1.70	1.19	-1.40	33	.162
HS Percent Minority Increase 2010-2015	Homophily Gender Study-Network (T1)	-0.94	1.07	-0.87	33	.388
HS Percent Minority Increase 2010-2015	Homophily Group Study-Network (T1)	-2.58	1.11	-2.30	37	.026
HS Percent Minority Increase 2010-2015	Homophily Native Lang. Study-Network (T1)	-2.42	1.26	-1.90	33	.064
HS Percent Minority Increase Or Decrease 2000-2010	Homophily Group Study-Network (T1)	0.19	0.18	1.10	31	.292
HS Percent Minority Increase Or Decrease 2000-2010	Homophily School Study-Network (T1)	-0.10	0.09	-1.20	28	.256
HS % Students Full Subsidy Lunch 2010	Homophily Age Study-Network (T1)	0.01	0.00	1.20	18	.235
HS % Students Full Subsidy Lunch 2010	Homophily Dorm Study-Network (T1)	-0.00	0.00	-1.00	18	.306
HS % Students Full Subsidy Lunch 2010	Homophily Gender Study-Network (T1)	-0.01	0.00	-2.90	18	.010
HS % Students Full Subsidy Lunch 2010	Homophily Group Study-Network (T1)	0.01	0.00	1.40	21	.167
HS % Students Full Subsidy Lunch 2010	Homophily Native Lang. Study-Network (T1)	-0.01	0.01	-1.00	18	.323
HS % Students Full Subsidy Lunch 2010	Homophily Race Study-Network (T1)	0.01	0.00	1.20	18	.242
HS % Students Full Subsidy Lunch 2010	Homophily School Study-Network (T1)	-0.00	0.00	-1.20	18	.237
HS % Students Partial Subsidy Lunch 2010	Homophily Age Study-Network (T1)	-0.01	0.01	-1.00	18	.319
HS % Students Partial Subsidy Lunch 2010	Homophily Dorm Study-Network (T1)	0.00	0.00	1.60	18	.125

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 72: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Female Student Percent 2010	Homophily Class-Year Study-Network (T1)	1.32	0.58	2.30	23	.032
HS Female Student Percent 2010	Homophily Native Lang. Study-Network (T1)	1.31	0.58	2.30	23	.034
HS Male Student Percent 2010	Homophily Class-Year Study-Network (T1)	-1.32	0.58	-2.30	23	.032
HS Male Student Percent 2010	Homophily Native Lang. Study-Network (T1)	-1.31	0.58	-2.30	23	.034
HS Percent Minority 2000	Homophily Gender Study-Network (T1)	-0.71	0.27	-2.60	28	.013
HS Percent Minority 2010	Homophily Class-Year Study-Network (T1)	-0.59	0.29	-2.10	33	.048
HS Percent Minority 2015	Homophily Class-Year Study-Network (T1)	-0.73	0.29	-2.60	33	.016
HS Percent Minority Increase 2010-2015	Homophily Group Study-Network (T1)	-2.58	1.11	-2.30	37	.026
HS % Students Full Subsidy Lunch 2010	Homophily Gender Study-Network (T1)	-0.01	0.00	-2.90	18	.010
Tract Diversity 2015	Homophily Class-Year Study-Network (T1)	-0.83	0.36	-2.30	33	.028
Tract Diversity 2015	Homophily Gender Study-Network (T1)	-0.97	0.30	-3.20	33	.003
Tract % of Households Adequate Food Access	Homophily Dorm Study-Network (T1)	-0.00	0.00	-2.40	33	.023
Tract % of Households Adequate Food Access	Homophily Race Study-Network (T1)	0.00	0.00	2.10	33	.044
Tract Total Households by Population	Homophily Native Lang. Study-Network (T1)	-0.00	0.00	-2.40	33	.022

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 73: High School Ecological Variables Predict Social Network Homophily Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Homophily Dorm Friend-Network (T1)	0.40	0.34	1.20	26	.253
HS Diversity 2000	Homophily Gender Friend-Network (T1)	-0.51	0.44	-1.20	26	.259
HS Diversity 2010	Homophily Age Friend-Network (T1)	0.68	0.24	2.90	55	.006
HS Diversity 2010	Homophily Class-Year Friend-Network (T1)	0.24	0.25	0.95	55	.344
HS Diversity 2010	Homophily Dorm Friend-Network (T1)	-0.34	0.19	-1.80	55	.083
HS Diversity 2010	Homophily Group Friend-Network (T1)	-0.49	0.22	-2.20	58	.029
HS Diversity 2010	Homophily Race Friend-Network (T1)	-0.56	0.27	-2.00	54	.047
HS Female Student Percent 2010	Homophily Class-Year Friend-Network (T1)	0.39	0.42	0.92	44	.363
HS Female Student Percent 2010	Homophily Dorm Friend-Network (T1)	0.31	0.35	0.90	44	.376
HS Female Student Percent 2010	Homophily Gender Friend-Network (T1)	0.64	0.41	1.60	44	.128
HS Female Student Percent 2010	Homophily Group Friend-Network (T1)	0.30	0.37	0.80	47	.426
HS Female Student Percent 2010	Homophily School Friend-Network (T1)	0.27	0.28	0.96	44	.344
HS Male Student Percent 2010	Homophily Class-Year Friend-Network (T1)	-0.39	0.42	-0.92	44	.363
HS Male Student Percent 2010	Homophily Dorm Friend-Network (T1)	-0.31	0.35	-0.90	44	.376
HS Male Student Percent 2010	Homophily Gender Friend-Network (T1)	-0.64	0.41	-1.60	44	.128
HS Male Student Percent 2010	Homophily Group Friend-Network (T1)	-0.30	0.37	-0.80	47	.426
HS Male Student Percent 2010	Homophily School Friend-Network (T1)	-0.27	0.28	-0.96	44	.344
HS Percent Change Minority 2000-2010	Homophily Gender Friend-Network (T1)	0.16	0.09	1.80	46	.083
HS Percent Change Minority 2000-2010	Homophily Race Friend-Network (T1)	-0.10	0.10	-1.00	44	.319
HS Percent Change Minority 2010-2015	Homophily Class-Year Friend-Network (T1)	0.08	0.07	1.00	46	.300
HS Percent Change Minority 2010-2015	Homophily Gender Friend-Network (T1)	0.14	0.07	2.00	46	.054
HS Percent Change Minority 2010-2015	Homophily Race Friend-Network (T1)	-0.10	0.08	-1.30	44	.210
HS Percent Minority 2000	Homophily Class-Year Friend-Network (T1)	-0.36	0.23	-1.50	46	.130
HS Percent Minority 2000	Homophily Gender Friend-Network (T1)	-0.58	0.21	-2.70	46	.010
HS Percent Minority 2000	Homophily School Friend-Network (T1)	0.13	0.17	0.78	46	.440
HS Percent Minority 2010	Homophily Age Friend-Network (T1)	0.32	0.21	1.50	56	.135
HS Percent Minority 2010	Homophily Dorm Friend-Network (T1)	-0.16	0.17	-0.90	56	.370
HS Percent Minority 2010	Homophily Gender Friend-Network (T1)	-0.30	0.20	-1.50	56	.140
HS Percent Minority 2010	Homophily Race Friend-Network (T1)	-0.20	0.24	-0.82	54	.413
HS Percent Minority 2015	Homophily Age Friend-Network (T1)	0.25	0.21	1.20	57	.228
HS Percent Minority 2015	Homophily Class-Year Friend-Network (T1)	-0.25	0.21	-1.20	58	.238
HS Percent Minority 2015	Homophily Dorm Friend-Network (T1)	-0.21	0.17	-1.20	58	.264
HS Percent Minority 2015	Homophily Gender Friend-Network (T1)	-0.28	0.20	-1.40	58	.180
HS Percent Minority 2015	Homophily Race Friend-Network (T1)	-0.19	0.24	-0.82	55	.414
HS Percent Minority 2015	Homophily Age Friend-Network (T1)	1.08	0.83	1.30	46	.198
HS Percent Minority Increase 2000-2010	Homophily Gender Friend-Network (T1)	1.59	0.81	2.00	46	.056
HS Percent Minority Increase 2000-2010	Homophily Native Lang. Friend-Network (T1)	-0.80	0.82	-0.99	46	.330
HS Percent Minority Increase 2000-2010	Homophily School Friend-Network (T1)	-0.74	0.62	-1.20	46	.240
HS Percent Minority Increase 2000-2015	Homophily Gender Friend-Network (T1)	1.24	0.55	2.30	46	.029
HS Percent Minority Increase 2000-2015	Homophily Native Lang. Friend-Network (T1)	-0.65	0.56	-1.20	46	.249
HS Percent Minority Increase 2000-2015	Homophily School Friend-Network (T1)	-0.47	0.43	-1.10	46	.275
HS Percent Minority Increase 2010-2015	Homophily Age Friend-Network (T1)	-0.89	0.85	-1.00	56	.299
HS Percent Minority Increase 2010-2015	Homophily Gender Friend-Network (T1)	0.86	0.80	1.10	56	.287
HS Percent Minority Increase 2010-2015	Homophily Group Friend-Network (T1)	-1.14	0.91	-1.20	59	.216
HS Percent Minority Increase 2010-2015	Homophily Native Lang. Friend-Network (T1)	-0.66	0.82	-0.81	56	.424
HS Percent Minority Increase Or Decrease 2000-2010	Homophily Group Friend-Network (T1)	0.16	0.14	1.10	47	.272
HS Percent Minority Increase Or Decrease 2000-2010	Homophily Native Lang. Friend-Network (T1)	-0.26	0.14	-1.90	46	.062
HS % Students Full Subsidy Lunch 2010	Homophily Age Friend-Network (T1)	-0.00	0.00	-0.80	36	.428
HS % Students Full Subsidy Lunch 2010	Homophily Class-Year Friend-Network (T1)	-0.01	0.00	-2.40	36	.024
HS % Students Full Subsidy Lunch 2010	Homophily Dorm Friend-Network (T1)	-0.01	0.00	-2.40	36	.021
HS % Students Full Subsidy Lunch 2010	Homophily Gender Friend-Network (T1)	-0.01	0.00	-2.00	36	.059
HS % Students Full Subsidy Lunch 2010	Homophily Race Friend-Network (T1)	0.01	0.00	1.40	34	.167
HS % Students Full Subsidy Lunch 2010	Homophily School Friend-Network (T1)	-0.01	0.00	-2.30	36	.027
HS % Students Partial Subsidy Lunch 2010	Homophily Age Friend-Network (T1)	0.01	0.00	1.70	36	.096
HS % Students Partial Subsidy Lunch 2010	Homophily Dorm Friend-Network (T1)	0.01	0.00	1.30	36	.212
HS % Students Partial Subsidy Lunch 2010	Homophily Gender Friend-Network (T1)	0.01	0.00	1.40	36	.165
HS % Students Partial Subsidy Lunch 2010	Homophily Race Friend-Network (T1)	-0.01	0.01	-0.95	34	.349

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 74: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2010	Homophily Age Friend-Network (T1)	0.68	0.24	2.90	55	.006
HS Diversity 2010	Homophily Group Friend-Network (T1)	-0.49	0.22	-2.20	58	.029
HS Diversity 2010	Homophily Race Friend-Network (T1)	-0.56	0.27	-2.00	54	.047
HS Percent Minority 2000	Homophily Gender Friend-Network (T1)	-0.58	0.21	-2.70	46	.010
HS Percent Minority Increase 2000-2015	Homophily Gender Friend-Network (T1)	1.24	0.55	2.30	46	.029
HS % Students Full Subsidy Lunch 2010	Homophily Class-Year Friend-Network (T1)	-0.01	0.00	-2.40	36	.024
HS % Students Full Subsidy Lunch 2010	Homophily Dorm Friend-Network (T1)	-0.01	0.00	-2.40	36	.021
HS % Students Full Subsidy Lunch 2010	Homophily School Friend-Network (T1)	-0.01	0.00	-2.30	36	.027
Tract Diversity 2015	Homophily Gender Friend-Network (T1)	-0.65	0.28	-2.30	56	.026
Tract Diversity 2015	Homophily Native Lang. Friend-Network (T1)	-0.63	0.28	-2.30	56	.030
Tract Total Households by Population	Homophily Native Lang. Friend-Network (T1)	-0.00	0.00	-2.20	56	.031

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 75: High School Ecological Variables Predict Social Network Homophily Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Homophily Class-Year Support-Network (T1)	-1.04	0.59	-1.80	17	.097
HS Diversity 2000	Homophily Gender Support-Network (T1)	0.50	0.50	0.99	17	.334
HS Diversity 2010	Homophily Age Support-Network (T1)	0.64	0.29	2.20	39	.031
HS Diversity 2010	Homophily Dorm Support-Network (T1)	-0.39	0.16	-2.40	39	.022
HS Diversity 2010	Homophily Gender Support-Network (T1)	0.26	0.27	0.97	39	.336
HS Diversity 2010	Homophily Group Support-Network (T1)	-0.56	0.27	-2.10	44	.043
HS Diversity 2010	Homophily Native Lang. Support-Network (T1)	0.31	0.31	1.00	39	.324
HS Diversity 2010	Homophily Race Support-Network (T1)	-0.55	0.32	-1.70	38	.089
HS Diversity 2010	Homophily School Support-Network (T1)	-0.19	0.18	-1.10	39	.293
HS Female Student Percent 2010	Homophily Gender Support-Network (T1)	0.56	0.57	0.99	33	.330
HS Female Student Percent 2010	Homophily Race Support-Network (T1)	-0.58	0.62	-0.94	32	.356
HS Male Student Percent 2010	Homophily Gender Support-Network (T1)	-0.56	0.57	-0.99	33	.330
HS Male Student Percent 2010	Homophily Race Support-Network (T1)	0.58	0.62	0.94	32	.356
HS Percent Change Minority 2000-2010	Homophily Class-Year Support-Network (T1)	0.24	0.13	1.90	31	.068
HS Percent Change Minority 2000-2010	Homophily Gender Support-Network (T1)	0.12	0.11	1.00	31	.302
HS Percent Change Minority 2010-2015	Homophily Class-Year Support-Network (T1)	0.20	0.10	2.00	31	.058
HS Percent Change Minority 2010-2015	Homophily Race Support-Network (T1)	-0.11	0.10	-1.10	30	.297
HS Percent Minority 2000	Homophily Class-Year Support-Network (T1)	-0.84	0.31	-2.80	31	.010
HS Percent Minority 2000	Homophily Gender Support-Network (T1)	-0.42	0.29	-1.50	31	.152
HS Percent Minority 2000	Homophily Native Lang. Support-Network (T1)	-0.34	0.31	-1.10	31	.290
HS Percent Minority 2010	Homophily Age Support-Network (T1)	0.27	0.25	1.10	39	.290
HS Percent Minority 2010	Homophily Class-Year Support-Network (T1)	-0.43	0.27	-1.60	39	.118
HS Percent Minority 2010	Homophily Dorm Support-Network (T1)	-0.19	0.14	-1.30	39	.191
HS Percent Minority 2015	Homophily Age Support-Network (T1)	0.26	0.26	1.00	39	.319
HS Percent Minority 2015	Homophily Class-Year Support-Network (T1)	-0.54	0.27	-2.00	40	.058
HS Percent Minority 2015	Homophily Dorm Support-Network (T1)	-0.29	0.15	-1.90	40	.111
HS Percent Minority 2015	Homophily Gender Support-Network (T1)	-0.36	0.23	-1.60	40	.125
HS Percent Minority 2015	Homophily Group Support-Network (T1)	-0.20	0.23	-0.87	44	.389
HS Percent Minority 2015	Homophily School Support-Network (T1)	-0.15	0.17	-0.94	40	.354
HS Percent Minority Increase 2000-2010	Homophily Age Support-Network (T1)	1.31	1.07	1.20	31	.232
HS Percent Minority Increase 2000-2010	Homophily Gender Support-Network (T1)	1.02	1.04	0.98	31	.335
HS Percent Minority Increase 2000-2010	Homophily Native Lang. Support-Network (T1)	1.00	1.12	0.89	31	.379
HS Percent Minority Increase 2000-2010	Homophily School Support-Network (T1)	-0.88	0.71	-1.20	31	.226
HS Percent Minority Increase 2000-2015	Homophily Class-Year Support-Network (T1)	-0.93	0.97	-0.96	31	.347
HS Percent Minority Increase 2000-2015	Homophily School Support-Network (T1)	-0.75	0.57	-1.30	31	.203
HS Percent Minority Increase 2010-2015	Homophily Gender Support-Network (T1)	-1.38	1.13	-1.20	39	.228
HS Percent Minority Increase 2010-2015	Homophily Group Support-Network (T1)	-1.98	1.22	-1.60	44	.114
HS Percent Minority Increase 2010-2015	Homophily Class-Year Support-Network (T1)	-0.16	0.20	-0.79	31	.433
HS Percent Minority Increase Or Decrease 2000-2010	Homophily Group Support-Network (T1)	0.25	0.18	1.40	34	.175
HS Percent Minority Increase Or Decrease 2000-2010	Homophily Native Lang. Support-Network (T1)	-0.18	0.18	-0.96	31	.346
HS Percent Minority Increase Or Decrease 2000-2010	Homophily School Support-Network (T1)	-0.11	0.12	-0.90	31	.376
HS % Students Full Subsidy Lunch 2010	Homophily Class-Year Support-Network (T1)	-0.01	0.01	-2.00	26	.051
HS % Students Full Subsidy Lunch 2010	Homophily Dorm Support-Network (T1)	-0.00	0.00	-1.20	26	.222
HS % Students Full Subsidy Lunch 2010	Homophily Gender Support-Network (T1)	-0.01	0.00	-2.80	26	.009
HS % Students Full Subsidy Lunch 2010	Homophily Race Support-Network (T1)	0.01	0.01	1.90	25	.070
HS % Students Full Subsidy Lunch 2010	Homophily School Support-Network (T1)	-0.01	0.00	-2.60	26	.015
HS % Students Partial Subsidy Lunch 2010	Homophily Age Support-Network (T1)	0.01	0.01	1.10	26	.290
HS % Students Partial Subsidy Lunch 2010	Homophily School Support-Network (T1)	0.00	0.00	0.84	26	.410

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 76: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2010	Homophily Age Support-Network (T1)	0.64	0.29	2.20	39	.031
HS Diversity 2010	Homophily Dorm Support-Network (T1)	-0.39	0.16	-2.40	39	.022
HS Diversity 2010	Homophily Group Support-Network (T1)	-0.56	0.27	-2.10	44	.043
HS Percent Minority 2000	Homophily Class-Year Support-Network (T1)	-0.84	0.31	-2.80	31	.010
HS % Students Full Subsidy Lunch 2010	Homophily Gender Support-Network (T1)	-0.01	0.00	-2.80	26	.009
HS % Students Full Subsidy Lunch 2010	Homophily School Support-Network (T1)	-0.01	0.00	-2.60	26	.015
Tract Diversity 2015	Homophily Class-Year Support-Network (T1)	-0.89	0.34	-2.60	40	.014
Tract Diversity 2015	Homophily Gender Support-Network (T1)	-0.78	0.29	-2.70	40	.011
Tract Household Expenditure	Homophily School Support-Network (T1)	0.00	0.00	2.40	40	.024
Tract % of Households Adequate Shelter	Homophily School Support-Network (T1)	0.00	0.00	2.40	40	.021

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 77: High School Ecological Variables Predict Network Centrality Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Betweenness Centrality Study-Network (T1)	-4.57	2.21	-2.10	47	.044
HS Diversity 2000	Total Degree Centrality Study-Network (T1)	-0.22	0.46	-0.47	45	.640
HS Diversity 2010	Betweenness Centrality Study-Network (T1)	-1.70	0.99	-1.70	93	.090
HS Diversity 2010	Closeness Centrality Study-Network (T1)	-0.00	0.00	-0.97	93	.336
HS Diversity 2010	In-Degree Centrality Study-Network (T1)	-0.64	0.39	-1.60	93	.109
HS Diversity 2010	Out-Degree Centrality Study-Network (T1)	-0.82	0.43	-1.90	93	.058
HS Diversity 2010	Total Degree Centrality Study-Network (T1)	-0.87	0.44	-2.00	90	.050
HS Female Student Percent 2010	Betweenness Centrality Study-Network (T1)	-1.00	2.16	-0.46	79	.644
HS Female Student Percent 2010	In-Degree Centrality Study-Network (T1)	0.44	0.79	0.55	79	.582
HS Female Student Percent 2010	Out-Degree Centrality Study-Network (T1)	-0.50	0.83	-0.60	79	.549
HS Male Student Percent 2010	Betweenness Centrality Study-Network (T1)	1.00	2.16	0.46	79	.644
HS Male Student Percent 2010	In-Degree Centrality Study-Network (T1)	-0.44	0.79	-0.55	79	.582
HS Male Student Percent 2010	Out-Degree Centrality Study-Network (T1)	0.50	0.83	0.60	79	.549
HS Percent Change Minority 2000-2010	Betweenness Centrality Study-Network (T1)	0.78	0.45	1.70	78	.087
HS Percent Change Minority 2000-2010	Closeness Centrality Study-Network (T1)	0.00	0.00	0.54	78	.594
HS Percent Change Minority 2000-2010	Eigenvector Centrality Study-Network (T1)	0.02	0.04	0.70	78	.488
HS Percent Change Minority 2000-2010	Total Degree Centrality Study-Network (T1)	-0.09	0.12	-0.76	74	.453
HS Percent Change Minority 2010-2015	Betweenness Centrality Study-Network (T1)	0.23	0.22	1.00	78	.313
HS Percent Change Minority 2010-2015	In-Degree Centrality Study-Network (T1)	-0.09	0.08	-1.10	78	.270
HS Percent Change Minority 2010-2015	Out-Degree Centrality Study-Network (T1)	-0.08	0.09	-0.84	78	.403
HS Percent Change Minority 2010-2015	Total Degree Centrality Study-Network (T1)	-0.08	0.09	-0.80	75	.435
HS Percent Minority 2000	Betweenness Centrality Study-Network (T1)	-1.58	1.05	-1.50	78	.136
HS Percent Minority 2000	Closeness Centrality Study-Network (T1)	-0.00	0.00	-0.64	78	.523
HS Percent Minority 2000	Out-Degree Centrality Study-Network (T1)	-0.32	0.44	-0.73	78	.465
HS Percent Minority 2000	Total Degree Centrality Study-Network (T1)	-0.29	0.29	-1.00	74	.324
HS Percent Minority 2010	Betweenness Centrality Study-Network (T1)	-1.72	0.86	-2.00	94	.048
HS Percent Minority 2010	Closeness Centrality Study-Network (T1)	-0.00	0.00	-0.73	94	.465
HS Percent Minority 2010	In-Degree Centrality Study-Network (T1)	-0.20	0.35	-0.58	94	.566
HS Percent Minority 2010	Out-Degree Centrality Study-Network (T1)	-0.38	0.38	-0.99	94	.326
HS Percent Minority 2010	Total Degree Centrality Study-Network (T1)	-0.50	0.38	-1.50	91	.172
HS Percent Minority 2015	Betweenness Centrality Study-Network (T1)	-1.92	0.87	-2.20	97	.031
HS Percent Minority 2015	Closeness Centrality Study-Network (T1)	-0.00	0.00	-1.00	97	.322
HS Percent Minority 2015	In-Degree Centrality Study-Network (T1)	-0.32	0.36	-0.89	97	.381
HS Percent Minority 2015	Out-Degree Centrality Study-Network (T1)	-0.55	0.39	-1.40	97	.165
HS Percent Minority 2015	Total Degree Centrality Study-Network (T1)	-0.68	0.39	-2.00	94	.083
HS Percent Minority Increase 2000-2010	Betweenness Centrality Study-Network (T1)	-2.27	3.91	-0.58	78	.563
HS Percent Minority Increase 2000-2010	Eigenvector Centrality Study-Network (T1)	-0.37	0.30	-1.20	78	.233
HS Percent Minority Increase 2000-2010	In-Degree Centrality Study-Network (T1)	-2.97	1.41	-2.10	78	.039
HS Percent Minority Increase 2000-2010	Out-Degree Centrality Study-Network (T1)	-1.38	1.62	-0.85	78	.398
HS Percent Minority Increase 2000-2010	Total Degree Centrality Study-Network (T1)	-2.63	1.62	-1.60	75	.107
HS Percent Minority Increase 2000-2015	Betweenness Centrality Study-Network (T1)	-1.83	2.59	-0.71	78	.481
HS Percent Minority Increase 2000-2015	Eigenvector Centrality Study-Network (T1)	-0.30	0.20	-1.50	78	.135
HS Percent Minority Increase 2000-2015	In-Degree Centrality Study-Network (T1)	-1.90	0.94	-2.00	78	.046
HS Percent Minority Increase 2000-2015	Out-Degree Centrality Study-Network (T1)	-0.93	1.07	-0.87	78	.389
HS Percent Minority Increase 2000-2015	Total Degree Centrality Study-Network (T1)	-1.70	1.08	-1.60	75	.118
HS Percent Minority Increase 2010-2015	Closeness Centrality Study-Network (T1)	-0.00	0.00	-0.54	94	.590
HS Percent Minority Increase 2010-2015	Eigenvector Centrality Study-Network (T1)	-0.25	0.26	-0.98	94	.332
HS Percent Minority Increase 2010-2015	In-Degree Centrality Study-Network (T1)	-1.11	1.17	-0.95	94	.346
HS Percent Minority Increase 2010-2015	Total Degree Centrality Study-Network (T1)	-1.11	1.55	-0.73	94	.465
HS Percent Minority Increase Or Decrease 2000-2010	Betweenness Centrality Study-Network (T1)	0.37	0.64	0.58	78	.562
HS Percent Minority Increase Or Decrease 2000-2010	In-Degree Centrality Study-Network (T1)	-0.37	0.23	-1.60	78	.114
HS Percent Minority Increase Or Decrease 2000-2010	Out-Degree Centrality Study-Network (T1)	-0.37	0.26	-1.40	78	.166
HS Percent Minority Increase Or Decrease 2000-2010	Total Degree Centrality Study-Network (T1)	-0.45	0.26	-1.70	75	.089
HS % Students Full Subsidy Lunch 2010	Betweenness Centrality Study-Network (T1)	0.02	0.02	0.89	65	.376
HS % Students Full Subsidy Lunch 2010	Closeness Centrality Study-Network (T1)	0.00	0.00	0.97	65	.334
HS % Students Full Subsidy Lunch 2010	In-Degree Centrality Study-Network (T1)	0.00	0.01	0.59	65	.556
HS % Students Full Subsidy Lunch 2010	Total Degree Centrality Study-Network (T1)	0.00	0.01	0.66	65	.518
HS % Students Partial Subsidy Lunch 2010	Eigenvector Centrality Study-Network (T1)	0.00	0.00	1.20	65	.250
HS % Students Partial Subsidy Lunch 2010	Out-Degree Centrality Study-Network (T1)	0.01	0.01	0.97	65	.334
HS % Students Partial Subsidy Lunch 2010	Total Degree Centrality Study-Network (T1)	0.01	0.01	0.89	64	.386

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 78: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Betweenness Centrality Study-Network (T1)	-4.57	2.21	-2.10	47	.044
HS Diversity 2010	Total Degree Centrality Study-Network (T1)	-0.87	0.44	-2.00	90	.050
HS Percent Minority 2010	Betweenness Centrality Study-Network (T1)	-1.72	0.86	-2.00	94	.048
HS Percent Minority 2015	Betweenness Centrality Study-Network (T1)	-1.92	0.87	-2.20	97	.031
HS Percent Minority Increase 2000-2010	In-Degree Centrality Study-Network (T1)	-2.97	1.41	-2.10	78	.039
HS Percent Minority Increase 2000-2015	In-Degree Centrality Study-Network (T1)	-1.90	0.94	-2.00	78	.046

* Residualized change multiple regressions:
 controlling for age, race (minority/non-minority),
 and prior phases of the dependent variable

Table 79: High School Ecological Variables Predict Network Centrality Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Betweenness Centrality Friend-Network (T1)	-74.63	99.13	-0.75	47	.455
HS Diversity 2010	Betweenness Centrality Friend-Network (T1)	53.88	59.40	0.91	93	.367
HS Diversity 2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.30	93	.197
HS Diversity 2010	In-Degree Centrality Friend-Network (T1)	-0.68	0.59	-1.20	93	.252
HS Diversity 2010	Total Degree Centrality Friend-Network (T1)	-0.80	0.95	-0.90	86	.382
HS Female Student Percent 2010	Betweenness Centrality Friend-Network (T1)	-115.73	125.82	-0.92	79	.360
HS Female Student Percent 2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	0.68	79	.496
HS Female Student Percent 2010	Eigenvector Centrality Friend-Network (T1)	-0.10	0.19	-0.54	79	.593
HS Female Student Percent 2010	In-Degree Centrality Friend-Network (T1)	-0.56	1.21	-0.46	75	.647
HS Male Student Percent 2010	Betweenness Centrality Friend-Network (T1)	115.73	125.82	0.92	79	.360
HS Male Student Percent 2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-0.68	79	.496
HS Male Student Percent 2010	Eigenvector Centrality Friend-Network (T1)	0.10	0.19	0.54	79	.593
HS Male Student Percent 2010	In-Degree Centrality Friend-Network (T1)	0.56	1.21	0.46	75	.647
HS Percent Change Minority 2000-2010	Betweenness Centrality Friend-Network (T1)	29.86	20.43	1.50	78	.148
HS Percent Change Minority 2000-2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.60	78	.111
HS Percent Change Minority 2000-2010	Eigenvector Centrality Friend-Network (T1)	0.03	0.04	0.75	78	.456
HS Percent Change Minority 2000-2010	In-Degree Centrality Friend-Network (T1)	-0.20	0.26	-0.77	78	.444
HS Percent Change Minority 2000-2010	Out-Degree Centrality Friend-Network (T1)	0.21	0.26	0.81	78	.420
HS Percent Change Minority 2000-2010	Total Degree Centrality Friend-Network (T1)	0.28	0.27	1.00	73	.300
HS Percent Change Minority 2010-2015	Betweenness Centrality Friend-Network (T1)	4.83	10.22	0.47	78	.638
HS Percent Change Minority 2010-2015	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-0.59	78	.558
HS Percent Change Minority 2010-2015	In-Degree Centrality Friend-Network (T1)	-0.08	0.13	-0.63	78	.533
HS Percent Change Minority 2010-2015	Out-Degree Centrality Friend-Network (T1)	-0.11	0.13	-0.88	78	.380
HS Percent Change Minority 2010-2015	Total Degree Centrality Friend-Network (T1)	-0.12	0.17	-0.72	75	.476
HS Percent Minority 2000	Closeness Centrality Friend-Network (T1)	0.00	0.00	0.61	78	.542
HS Percent Minority 2000	In-Degree Centrality Friend-Network (T1)	-0.30	0.60	-0.51	78	.614
HS Percent Minority 2000	Out-Degree Centrality Friend-Network (T1)	-0.36	0.59	-0.60	78	.551
HS Percent Minority 2000	Total Degree Centrality Friend-Network (T1)	-0.51	0.78	-0.67	75	.505
HS Percent Minority 2010	Betweenness Centrality Friend-Network (T1)	82.80	51.27	1.60	94	.110
HS Percent Minority 2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.30	94	.184
HS Percent Minority 2010	Eigenvector Centrality Friend-Network (T1)	0.05	0.08	0.59	94	.557
HS Percent Minority 2010	In-Degree Centrality Friend-Network (T1)	-0.46	0.52	-0.89	94	.377
HS Percent Minority 2010	Out-Degree Centrality Friend-Network (T1)	0.38	0.64	0.60	94	.552
HS Percent Minority 2010	Total Degree Centrality Friend-Network (T1)	0.40	0.65	0.61	94	.542
HS Percent Minority 2015	Betweenness Centrality Friend-Network (T1)	83.16	52.39	1.60	97	.117
HS Percent Minority 2015	Closeness Centrality Friend-Network (T1)	0.00	0.00	0.65	97	.522
HS Percent Minority 2015	In-Degree Centrality Friend-Network (T1)	-0.68	0.54	-1.30	95	.210
HS Percent Minority 2015	Out-Degree Centrality Friend-Network (T1)	0.34	0.66	0.51	95	.610
HS Percent Minority 2015	Total Degree Centrality Friend-Network (T1)	0.39	0.68	0.57	95	.567
HS Percent Minority Increase 2000-2010	Betweenness Centrality Friend-Network (T1)	226.50	175.67	1.30	78	.201
HS Percent Minority Increase 2000-2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.70	78	.090
HS Percent Minority Increase 2000-2010	Eigenvector Centrality Friend-Network (T1)	-0.38	0.30	-1.20	78	.214
HS Percent Minority Increase 2000-2010	In-Degree Centrality Friend-Network (T1)	-3.23	2.18	-1.50	78	.142
HS Percent Minority Increase 2000-2010	Out-Degree Centrality Friend-Network (T1)	-2.78	2.18	-1.30	78	.205
HS Percent Minority Increase 2000-2010	Total Degree Centrality Friend-Network (T1)	-3.71	3.15	-1.00	78	.339
HS Percent Minority Increase 2000-2015	Betweenness Centrality Friend-Network (T1)	83.13	117.20	0.71	78	.480
HS Percent Minority Increase 2000-2015	Eigenvector Centrality Friend-Network (T1)	-0.29	0.20	-1.50	78	.144
HS Percent Minority Increase 2000-2015	In-Degree Centrality Friend-Network (T1)	-2.79	1.43	-2.00	78	.055
HS Percent Minority Increase 2000-2015	Out-Degree Centrality Friend-Network (T1)	-2.32	1.43	-1.60	78	.110
HS Percent Minority Increase 2000-2015	Total Degree Centrality Friend-Network (T1)	-2.47	1.92	-1.20	75	.329
HS Percent Minority Increase 2000-2015	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-1.50	94	.126
HS Percent Minority Increase 2000-2015	Eigenvector Centrality Friend-Network (T1)	-0.21	0.26	-0.83	94	.410
HS Percent Minority Increase 2000-2015	In-Degree Centrality Friend-Network (T1)	-2.39	1.74	-1.40	94	.173
HS Percent Minority Increase 2000-2015	Out-Degree Centrality Friend-Network (T1)	-1.12	2.16	-0.52	94	.606
HS Percent Minority Increase 2000-2015	Total Degree Centrality Friend-Network (T1)	-3.51	3.53	-0.99	94	.323
HS Percent Minority Increase 2010-2015	Betweenness Centrality Friend-Network (T1)	45.14	28.40	1.60	78	.116
HS Percent Minority Increase 2010-2015	Closeness Centrality Friend-Network (T1)	0.00	0.00	2.00	78	.051
HS Percent Minority Increase 2010-2015	In-Degree Centrality Friend-Network (T1)	-0.59	0.35	-1.70	78	.098
HS Percent Minority Increase 2010-2015	Out-Degree Centrality Friend-Network (T1)	-0.27	0.36	-0.74	78	.459
HS Percent Minority Increase 2010-2015	Total Degree Centrality Friend-Network (T1)	-0.45	0.47	-0.86	75	.416
HS % Students Full Subsidy Lunch 2010	Betweenness Centrality Friend-Network (T1)	0.71	1.05	0.68	65	.500
HS % Students Full Subsidy Lunch 2010	Eigenvector Centrality Friend-Network (T1)	-0.00	0.00	-0.73	65	.466
HS % Students Full Subsidy Lunch 2010	In-Degree Centrality Friend-Network (T1)	0.01	0.01	1.30	61	.185
HS % Students Full Subsidy Lunch 2010	Out-Degree Centrality Friend-Network (T1)	0.01	0.01	1.00	61	.310
HS % Students Full Subsidy Lunch 2010	Total Degree Centrality Friend-Network (T1)	0.02	0.02	1.10	63	.292
HS % Students Partial Subsidy Lunch 2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.50	65	.145
HS % Students Partial Subsidy Lunch 2010	Eigenvector Centrality Friend-Network (T1)	0.00	0.00	1.30	65	.192
HS % Students Partial Subsidy Lunch 2010	Total Degree Centrality Friend-Network (T1)	0.01	0.01	0.87	59	.390

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 80: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Total Households by Population	Betweenness Centrality Friend-Network (T1)	0.03	0.01	2.20	97	.032

* Residualized change multiple regressions:
 controlling for age, race (minority/non-minority),
 and prior phases of the dependent variable

Table 81: High School Ecological Variables Predict Network Centrality Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Betweenness Centrality Support-Network (T1)	-4.81	2.79	-1.70	47	.091
HS Diversity 2000	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.63	47	.530
HS Diversity 2000	Total Degree Centrality Support-Network (T1)	-0.50	0.78	-0.65	43	.521
HS Diversity 2010	Betweenness Centrality Support-Network (T1)	-1.73	1.29	-1.40	93	.182
HS Diversity 2010	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.76	93	.448
HS Diversity 2010	In-Degree Centrality Support-Network (T1)	-0.55	0.38	-1.40	93	.150
HS Diversity 2010	Out-Degree Centrality Support-Network (T1)	-0.65	0.45	-1.50	93	.146
HS Diversity 2010	Total Degree Centrality Support-Network (T1)	-0.84	0.55	-1.50	89	.136
HS Female Student Percent 2010	Betweenness Centrality Support-Network (T1)	-1.93	2.78	-0.69	79	.489
HS Female Student Percent 2010	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.47	79	.638
HS Female Student Percent 2010	Out-Degree Centrality Support-Network (T1)	-0.91	0.90	-1.00	79	.314
HS Female Student Percent 2010	Total Degree Centrality Support-Network (T1)	-1.01	1.15	-0.96	76	.372
HS Male Student Percent 2010	Betweenness Centrality Support-Network (T1)	1.93	2.78	0.69	79	.489
HS Male Student Percent 2010	Closeness Centrality Support-Network (T1)	0.00	0.00	0.47	79	.638
HS Male Student Percent 2010	Out-Degree Centrality Support-Network (T1)	0.91	0.90	1.00	79	.314
HS Male Student Percent 2010	Total Degree Centrality Support-Network (T1)	1.01	1.15	0.96	76	.372
HS Percent Change Minority 2000-2010	Betweenness Centrality Support-Network (T1)	1.01	0.56	1.80	78	.075
HS Percent Change Minority 2000-2010	Closeness Centrality Support-Network (T1)	0.00	0.00	0.87	78	.386
HS Percent Change Minority 2000-2010	Eigenvector Centrality Support-Network (T1)	0.02	0.03	0.66	78	.509
HS Percent Change Minority 2000-2010	In-Degree Centrality Support-Network (T1)	-0.10	0.16	-0.60	78	.548
HS Percent Change Minority 2000-2010	Out-Degree Centrality Support-Network (T1)	0.14	0.19	0.73	78	.468
HS Percent Change Minority 2000-2010	Total Degree Centrality Support-Network (T1)	0.16	0.19	0.84	73	.407
HS Percent Change Minority 2010-2015	Betweenness Centrality Support-Network (T1)	0.26	0.28	0.93	78	.356
HS Percent Change Minority 2010-2015	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.49	78	.624
HS Percent Change Minority 2010-2015	In-Degree Centrality Support-Network (T1)	-0.11	0.08	-1.40	78	.181
HS Percent Change Minority 2010-2015	Out-Degree Centrality Support-Network (T1)	-0.05	0.09	-0.53	78	.595
HS Percent Change Minority 2010-2015	Total Degree Centrality Support-Network (T1)	-0.10	0.13	-0.76	78	.459
HS Percent Minority 2000	Betweenness Centrality Support-Network (T1)	-1.29	1.32	-0.98	78	.331
HS Percent Minority 2000	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.47	78	.639
HS Percent Minority 2000	Total Degree Centrality Support-Network (T1)	-0.22	0.42	-0.51	68	.613
HS Percent Minority 2010	Betweenness Centrality Support-Network (T1)	-1.33	1.13	-1.20	94	.239
HS Percent Minority 2015	Betweenness Centrality Support-Network (T1)	-1.58	1.14	-1.40	97	.173
HS Percent Minority 2015	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.65	97	.518
HS Percent Minority 2015	In-Degree Centrality Support-Network (T1)	-0.23	0.34	-0.66	97	.512
HS Percent Minority 2015	Out-Degree Centrality Support-Network (T1)	-0.23	0.40	-0.57	97	.573
HS Percent Minority 2015	Total Degree Centrality Support-Network (T1)	-0.34	0.54	-0.62	97	.540
HS Percent Minority Increase 2000-2010	Betweenness Centrality Support-Network (T1)	-2.49	4.89	-0.51	78	.612
HS Percent Minority Increase 2000-2010	Eigenvector Centrality Support-Network (T1)	-0.34	0.28	-1.20	78	.232
HS Percent Minority Increase 2000-2010	In-Degree Centrality Support-Network (T1)	-2.36	1.37	-1.70	78	.089
HS Percent Minority Increase 2000-2010	Out-Degree Centrality Support-Network (T1)	-1.44	1.61	-0.89	78	.374
HS Percent Minority Increase 2000-2010	Total Degree Centrality Support-Network (T1)	-2.17	1.98	-1.00	75	.325
HS Percent Minority Increase 2000-2015	Betweenness Centrality Support-Network (T1)	-2.00	3.23	-0.62	78	.539
HS Percent Minority Increase 2000-2015	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.89	78	.375
HS Percent Minority Increase 2000-2015	Eigenvector Centrality Support-Network (T1)	-0.29	0.19	-1.50	78	.128
HS Percent Minority Increase 2000-2015	In-Degree Centrality Support-Network (T1)	-1.81	0.90	-2.00	78	.048
HS Percent Minority Increase 2000-2015	Out-Degree Centrality Support-Network (T1)	-1.23	1.06	-1.20	78	.253
HS Percent Minority Increase 2000-2015	Total Degree Centrality Support-Network (T1)	-1.68	1.31	-1.20	75	.270
HS Percent Minority Increase 2000-2015	Closeness Centrality Support-Network (T1)	-0.00	0.00	-1.20	94	.245
HS Percent Minority Increase 2000-2015	Eigenvector Centrality Support-Network (T1)	-0.25	0.25	-0.97	94	.332
HS Percent Minority Increase 2000-2015	In-Degree Centrality Support-Network (T1)	-1.43	1.13	-1.30	94	.210
HS Percent Minority Increase 2000-2015	Out-Degree Centrality Support-Network (T1)	-0.97	1.33	-0.73	94	.467
HS Percent Minority Increase 2000-2015	Total Degree Centrality Support-Network (T1)	-1.69	1.79	-0.90	94	.378
HS Percent Minority Increase Or Decrease 2000-2010	Betweenness Centrality Support-Network (T1)	0.39	0.79	0.49	78	.624
HS Percent Minority Increase Or Decrease 2000-2010	In-Degree Centrality Support-Network (T1)	-0.27	0.22	-1.20	78	.227
HS Percent Minority Increase Or Decrease 2000-2010	Total Degree Centrality Support-Network (T1)	-0.30	0.45	-0.67	78	.504
HS % Students Full Subsidy Lunch 2010	Closeness Centrality Support-Network (T1)	0.00	0.00	0.91	65	.366
HS % Students Full Subsidy Lunch 2010	In-Degree Centrality Support-Network (T1)	0.01	0.01	1.20	65	.241
HS % Students Full Subsidy Lunch 2010	Out-Degree Centrality Support-Network (T1)	0.00	0.01	0.50	65	.622
HS % Students Full Subsidy Lunch 2010	Total Degree Centrality Support-Network (T1)	0.01	0.01	0.68	65	.505
HS % Students Partial Subsidy Lunch 2010	Betweenness Centrality Support-Network (T1)	0.01	0.03	0.52	65	.606
HS % Students Partial Subsidy Lunch 2010	Closeness Centrality Support-Network (T1)	0.00	0.00	0.46	65	.649
HS % Students Partial Subsidy Lunch 2010	Eigenvector Centrality Support-Network (T1)	0.00	0.00	1.00	65	.296
HS % Students Partial Subsidy Lunch 2010	In-Degree Centrality Support-Network (T1)	0.00	0.01	0.47	65	.639
HS % Students Partial Subsidy Lunch 2010	Out-Degree Centrality Support-Network (T1)	0.01	0.01	1.70	65	.097
HS % Students Partial Subsidy Lunch 2010	Total Degree Centrality Support-Network (T1)	0.01	0.01	1.50	63	.158

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 82: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Percent Minority Increase 2000-2015	In-Degree Centrality Support-Network (T1)	-1.81	0.90	-2.00	78	.048

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 83: High School Ecological Variables Predict Alter Weight and Reciprocity Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Alter Weight Study-Network (T1)	-0.00	0.23	-0.02	46	.900
HS Diversity 2000	Tie Reciprocity Study-Network (T1)	0.10	0.14	0.71	46	.484
HS Diversity 2000	Total Tie Reciprocity Study-Network (T1)	0.13	0.17	0.76	45	.451
HS Diversity 2010	Alter Weight Study-Network (T1)	-0.26	0.12	-2.10	88	.037
HS Diversity 2010	Tie Reciprocity Study-Network (T1)	0.03	0.07	0.44	86	.661
HS Diversity 2010	Total Tie Reciprocity Study-Network (T1)	0.04	0.09	0.44	80	.662
HS Female Student Percent 2010	Alter Weight Study-Network (T1)	-0.18	0.25	-0.75	76	.456
HS Female Student Percent 2010	Tie Reciprocity Study-Network (T1)	0.01	0.15	0.07	75	.941
HS Female Student Percent 2010	Total Tie Reciprocity Study-Network (T1)	0.05	0.21	0.22	70	.825
HS Male Student Percent 2010	Alter Weight Study-Network (T1)	0.18	0.25	0.75	76	.456
HS Male Student Percent 2010	Tie Reciprocity Study-Network (T1)	-0.01	0.15	-0.07	75	.941
HS Male Student Percent 2010	Total Tie Reciprocity Study-Network (T1)	-0.05	0.21	-0.22	70	.825
HS Percent Change Minority 2000-2010	Alter Weight Study-Network (T1)	-0.03	0.05	-0.52	74	.605
HS Percent Change Minority 2000-2010	Tie Reciprocity Study-Network (T1)	-0.01	0.03	-0.31	73	.756
HS Percent Change Minority 2000-2010	Total Tie Reciprocity Study-Network (T1)	-0.01	0.04	-0.27	68	.791
HS Percent Change Minority 2010-2015	Alter Weight Study-Network (T1)	-0.02	0.03	-0.92	74	.359
HS Percent Change Minority 2010-2015	Tie Reciprocity Study-Network (T1)	-0.01	0.01	-0.52	73	.603
HS Percent Change Minority 2010-2015	Total Tie Reciprocity Study-Network (T1)	-0.01	0.02	-0.51	68	.612
HS Percent Minority 2000	Alter Weight Study-Network (T1)	-0.00	0.12	-0.00	74	.969
HS Percent Minority 2000	Tie Reciprocity Study-Network (T1)	0.02	0.07	0.29	73	.771
HS Percent Minority 2000	Total Tie Reciprocity Study-Network (T1)	0.03	0.09	0.36	68	.723
HS Percent Minority 2010	Alter Weight Study-Network (T1)	-0.05	0.11	-0.42	89	.677
HS Percent Minority 2010	Tie Reciprocity Study-Network (T1)	-0.00	0.06	-0.02	87	.972
HS Percent Minority 2010	Total Tie Reciprocity Study-Network (T1)	0.00	0.08	0.04	81	.971
HS Percent Minority 2015	Alter Weight Study-Network (T1)	-0.09	0.11	-0.83	92	.411
HS Percent Minority 2015	Tie Reciprocity Study-Network (T1)	-0.01	0.06	-0.15	90	.881
HS Percent Minority 2015	Total Tie Reciprocity Study-Network (T1)	-0.01	0.08	-0.14	84	.891
HS Percent Minority Increase 2000-2010	Alter Weight Study-Network (T1)	-0.72	0.46	-1.60	74	.122
HS Percent Minority Increase 2000-2010	Tie Reciprocity Study-Network (T1)	-0.36	0.27	-1.40	73	.175
HS Percent Minority Increase 2000-2010	Total Tie Reciprocity Study-Network (T1)	-0.39	0.34	-1.20	68	.256
HS Percent Minority Increase 2000-2015	Alter Weight Study-Network (T1)	-0.44	0.30	-1.40	74	.161
HS Percent Minority Increase 2000-2015	Tie Reciprocity Study-Network (T1)	-0.14	0.17	-0.82	73	.417
HS Percent Minority Increase 2000-2015	Total Tie Reciprocity Study-Network (T1)	-0.16	0.22	-0.72	68	.476
HS Percent Minority Increase 2010-2015	Alter Weight Study-Network (T1)	-0.16	0.37	-0.41	89	.688
HS Percent Minority Increase 2010-2015	Tie Reciprocity Study-Network (T1)	-0.02	0.22	-0.08	87	.934
HS Percent Minority Increase 2010-2015	Total Tie Reciprocity Study-Network (T1)	-0.04	0.28	-0.15	81	.882
HS Percent Minority Increase Or Decrease 2000-2010	Alter Weight Study-Network (T1)	-0.11	0.07	-1.50	74	.148
HS Percent Minority Increase Or Decrease 2000-2010	Tie Reciprocity Study-Network (T1)	-0.03	0.04	-0.75	73	.455
HS Percent Minority Increase Or Decrease 2000-2010	Total Tie Reciprocity Study-Network (T1)	-0.03	0.06	-0.50	68	.617
HS % Students Full Subsidy Lunch 2010	Alter Weight Study-Network (T1)	0.00	0.00	0.44	63	.677
HS % Students Full Subsidy Lunch 2010	Tie Reciprocity Study-Network (T1)	-0.00	0.00	-1.20	62	.238
HS % Students Full Subsidy Lunch 2010	Total Tie Reciprocity Study-Network (T1)	-0.00	0.00	-1.50	60	.132
HS % Students Partial Subsidy Lunch 2010	Alter Weight Study-Network (T1)	0.00	0.00	0.96	63	.340
HS % Students Partial Subsidy Lunch 2010	Tie Reciprocity Study-Network (T1)	0.00	0.00	1.80	62	.078
HS % Students Partial Subsidy Lunch 2010	Total Tie Reciprocity Study-Network (T1)	0.00	0.00	1.50	60	.144

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 84: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2010	Alter Weight Study-Network (T1)	-0.26	0.12	-2.10	88	.037

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 85: High School Ecological Variables Predict Alter Weight and Reciprocity Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Alter Weight Friend-Network (T1)	-0.24	0.38	-0.63	46	.531
HS Diversity 2000	Tie Reciprocity Friend-Network (T1)	-0.15	0.47	-0.33	26	.749
HS Diversity 2000	Total Tie Reciprocity Friend-Network (T1)	-0.04	0.45	-0.09	24	.867
HS Diversity 2010	Alter Weight Friend-Network (T1)	-0.33	0.23	-1.50	88	.183
HS Diversity 2010	Tie Reciprocity Friend-Network (T1)	-0.76	0.23	-3.30	56	.002
HS Diversity 2010	Total Tie Reciprocity Friend-Network (T1)	-0.44	0.24	-1.90	50	.067
HS Female Student Percent 2010	Alter Weight Friend-Network (T1)	-0.16	0.46	-0.36	76	.719
HS Female Student Percent 2010	Tie Reciprocity Friend-Network (T1)	0.09	0.42	0.20	46	.844
HS Female Student Percent 2010	Total Tie Reciprocity Friend-Network (T1)	-0.25	0.41	-0.59	40	.566
HS Male Student Percent 2010	Alter Weight Friend-Network (T1)	0.16	0.46	0.36	76	.719
HS Male Student Percent 2010	Tie Reciprocity Friend-Network (T1)	-0.09	0.42	-0.20	46	.844
HS Male Student Percent 2010	Total Tie Reciprocity Friend-Network (T1)	0.25	0.41	0.59	40	.566
HS Percent Change Minority 2000-2010	Alter Weight Friend-Network (T1)	0.07	0.09	0.76	74	.456
HS Percent Change Minority 2000-2010	Tie Reciprocity Friend-Network (T1)	-0.20	0.09	-2.30	46	.026
HS Percent Change Minority 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-0.20	0.08	-2.40	43	.021
HS Percent Change Minority 2010-2015	Alter Weight Friend-Network (T1)	-0.03	0.04	-0.77	74	.447
HS Percent Change Minority 2010-2015	Tie Reciprocity Friend-Network (T1)	-0.15	0.07	-2.10	46	.042
HS Percent Change Minority 2010-2015	Total Tie Reciprocity Friend-Network (T1)	-0.17	0.07	-2.50	43	.017
HS Percent Minority 2000	Alter Weight Friend-Network (T1)	-0.14	0.21	-0.66	74	.511
HS Percent Minority 2000	Tie Reciprocity Friend-Network (T1)	-0.09	0.24	-0.38	46	.705
HS Percent Minority 2000	Total Tie Reciprocity Friend-Network (T1)	0.07	0.23	0.32	43	.754
HS Percent Minority 2010	Alter Weight Friend-Network (T1)	0.01	0.20	0.06	89	.842
HS Percent Minority 2010	Tie Reciprocity Friend-Network (T1)	-0.45	0.20	-2.30	57	.027
HS Percent Minority 2010	Total Tie Reciprocity Friend-Network (T1)	-0.15	0.21	-0.74	52	.478
HS Percent Minority 2015	Alter Weight Friend-Network (T1)	-0.08	0.20	-0.40	92	.693
HS Percent Minority 2015	Tie Reciprocity Friend-Network (T1)	-0.36	0.20	-1.80	58	.079
HS Percent Minority 2015	Total Tie Reciprocity Friend-Network (T1)	-0.11	0.20	-0.58	53	.576
HS Percent Minority Increase 2000-2010	Alter Weight Friend-Network (T1)	-1.24	0.76	-1.60	74	.109
HS Percent Minority Increase 2000-2010	Tie Reciprocity Friend-Network (T1)	-2.17	0.80	-2.70	46	.010
HS Percent Minority Increase 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-2.30	0.76	-3.00	43	.004
HS Percent Minority Increase 2000-2015	Alter Weight Friend-Network (T1)	-0.92	0.50	-1.80	74	.078
HS Percent Minority Increase 2000-2015	Tie Reciprocity Friend-Network (T1)	-0.89	0.59	-1.50	46	.145
HS Percent Minority Increase 2000-2015	Total Tie Reciprocity Friend-Network (T1)	-1.01	0.56	-1.80	43	.080
HS Percent Minority Increase 2010-2015	Alter Weight Friend-Network (T1)	-0.54	0.69	-0.78	89	.441
HS Percent Minority Increase 2010-2015	Tie Reciprocity Friend-Network (T1)	0.28	0.88	0.30	57	.771
HS Percent Minority Increase 2010-2015	Total Tie Reciprocity Friend-Network (T1)	-0.02	0.83	-0.03	52	.879
HS Percent Minority Increase Or Decrease 2000-2010	Alter Weight Friend-Network (T1)	-0.18	0.12	-1.40	74	.166
HS Percent Minority Increase Or Decrease 2000-2010	Tie Reciprocity Friend-Network (T1)	-0.20	0.15	-1.40	46	.185
HS Percent Minority Increase Or Decrease 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-0.26	0.14	-1.80	43	.074
HS % Students Full Subsidy Lunch 2010	Alter Weight Friend-Network (T1)	-0.00	0.00	-0.30	63	.567
HS % Students Full Subsidy Lunch 2010	Tie Reciprocity Friend-Network (T1)	0.00	0.00	0.87	37	.403
HS % Students Full Subsidy Lunch 2010	Total Tie Reciprocity Friend-Network (T1)	0.00	0.00	0.58	33	.569
HS % Students Partial Subsidy Lunch 2010	Alter Weight Friend-Network (T1)	0.01	0.00	1.30	63	.210
HS % Students Partial Subsidy Lunch 2010	Tie Reciprocity Friend-Network (T1)	-0.01	0.00	-1.10	37	.335
HS % Students Partial Subsidy Lunch 2010	Total Tie Reciprocity Friend-Network (T1)	-0.00	0.01	-0.62	33	.545

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 86: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2010	Tie Reciprocity Friend-Network (T1)	-0.76	0.23	-3.30	56	.002
HS Percent Change Minority 2000-2010	Tie Reciprocity Friend-Network (T1)	-0.20	0.09	-2.30	46	.026
HS Percent Change Minority 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-0.20	0.08	-2.40	43	.021
HS Percent Change Minority 2010-2015	Tie Reciprocity Friend-Network (T1)	-0.15	0.07	-2.10	46	.042
HS Percent Change Minority 2010-2015	Total Tie Reciprocity Friend-Network (T1)	-0.17	0.07	-2.50	43	.017
HS Percent Minority 2010	Tie Reciprocity Friend-Network (T1)	-0.45	0.20	-2.30	57	.027
HS Percent Minority Increase 2000-2010	Tie Reciprocity Friend-Network (T1)	-2.17	0.80	-2.70	46	.010
HS Percent Minority Increase 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-2.30	0.76	-3.00	43	.004

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 87: High School Ecological Variables Predict Alter Weight and Reciprocity Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
HS Diversity 2000	Alter Weight Support-Network (T1)	-0.05	0.32	-0.16	46	.874
HS Diversity 2000	Tie Reciprocity Support-Network (T1)	-0.46	0.49	-0.94	18	.361
HS Diversity 2000	Total Tie Reciprocity Support-Network (T1)	-0.96	0.50	-1.90	16	.075
HS Diversity 2010	Alter Weight Support-Network (T1)	-0.26	0.18	-1.50	88	.147
HS Diversity 2010	Tie Reciprocity Support-Network (T1)	-0.57	0.28	-2.00	42	.051
HS Diversity 2010	Total Tie Reciprocity Support-Network (T1)	-0.46	0.30	-1.50	36	.137
HS Female Student Percent 2010	Alter Weight Support-Network (T1)	-0.47	0.36	-1.30	76	.207
HS Female Student Percent 2010	Tie Reciprocity Support-Network (T1)	0.49	0.73	0.59	34	.594
HS Female Student Percent 2010	Total Tie Reciprocity Support-Network (T1)	0.52	0.72	0.63	30	.601
HS Male Student Percent 2010	Alter Weight Support-Network (T1)	0.47	0.36	1.30	76	.207
HS Male Student Percent 2010	Tie Reciprocity Support-Network (T1)	-0.49	0.73	-0.59	34	.594
HS Male Student Percent 2010	Total Tie Reciprocity Support-Network (T1)	-0.52	0.72	-0.63	30	.601
HS Percent Change Minority 2000-2010	Alter Weight Support-Network (T1)	0.05	0.07	0.69	74	.494
HS Percent Change Minority 2000-2010	Tie Reciprocity Support-Network (T1)	-0.10	0.11	-0.91	32	.372
HS Percent Change Minority 2000-2010	Total Tie Reciprocity Support-Network (T1)	-0.05	0.12	-0.41	29	.687
HS Percent Change Minority 2010-2015	Alter Weight Support-Network (T1)	-0.02	0.04	-0.44	74	.664
HS Percent Change Minority 2010-2015	Tie Reciprocity Support-Network (T1)	-0.07	0.09	-0.83	32	.415
HS Percent Change Minority 2010-2015	Total Tie Reciprocity Support-Network (T1)	-0.04	0.10	-0.43	29	.670
HS Percent Minority 2000	Alter Weight Support-Network (T1)	0.02	0.17	0.09	74	.927
HS Percent Minority 2000	Tie Reciprocity Support-Network (T1)	0.05	0.28	0.19	32	.851
HS Percent Minority 2000	Total Tie Reciprocity Support-Network (T1)	0.08	0.30	0.27	29	.793
HS Percent Minority 2010	Alter Weight Support-Network (T1)	0.05	0.16	0.32	89	.755
HS Percent Minority 2010	Tie Reciprocity Support-Network (T1)	-0.05	0.24	-0.22	42	.825
HS Percent Minority 2010	Total Tie Reciprocity Support-Network (T1)	0.09	0.26	0.33	36	.741
HS Percent Minority 2015	Alter Weight Support-Network (T1)	-0.01	0.16	-0.07	92	.810
HS Percent Minority 2015	Tie Reciprocity Support-Network (T1)	-0.17	0.24	-0.73	42	.485
HS Percent Minority 2015	Total Tie Reciprocity Support-Network (T1)	-0.08	0.26	-0.30	37	.739
HS Percent Minority Increase 2000-2010	Alter Weight Support-Network (T1)	-0.62	0.62	-1.00	74	.323
HS Percent Minority Increase 2000-2010	Tie Reciprocity Support-Network (T1)	-1.26	1.05	-1.20	32	.239
HS Percent Minority Increase 2000-2010	Total Tie Reciprocity Support-Network (T1)	-1.14	1.05	-1.10	29	.285
HS Percent Minority Increase 2000-2015	Alter Weight Support-Network (T1)	-0.45	0.41	-1.10	74	.283
HS Percent Minority Increase 2000-2015	Tie Reciprocity Support-Network (T1)	-1.66	0.87	-1.90	32	.065
HS Percent Minority Increase 2000-2015	Total Tie Reciprocity Support-Network (T1)	-1.40	0.85	-1.60	29	.111
HS Percent Minority Increase 2010-2015	Alter Weight Support-Network (T1)	-0.34	0.54	-0.62	89	.543
HS Percent Minority Increase 2010-2015	Tie Reciprocity Support-Network (T1)	-1.90	1.33	-1.40	42	.166
HS Percent Minority Increase 2010-2015	Total Tie Reciprocity Support-Network (T1)	-2.02	1.32	-1.50	36	.147
HS Percent Minority Increase Or Decrease 2000-2010	Alter Weight Support-Network (T1)	-0.03	0.10	-0.34	74	.739
HS Percent Minority Increase Or Decrease 2000-2010	Tie Reciprocity Support-Network (T1)	-0.10	0.18	-0.54	32	.590
HS Percent Minority Increase Or Decrease 2000-2010	Total Tie Reciprocity Support-Network (T1)	-0.09	0.18	-0.51	29	.613
HS % Students Full Subsidy Lunch 2010	Alter Weight Support-Network (T1)	0.00	0.00	0.17	63	.853
HS % Students Full Subsidy Lunch 2010	Tie Reciprocity Support-Network (T1)	-0.00	0.01	-0.68	28	.521
HS % Students Full Subsidy Lunch 2010	Total Tie Reciprocity Support-Network (T1)	-0.01	0.01	-1.60	24	.128
HS % Students Partial Subsidy Lunch 2010	Alter Weight Support-Network (T1)	0.00	0.00	1.40	63	.159
HS % Students Partial Subsidy Lunch 2010	Tie Reciprocity Support-Network (T1)	-0.00	0.01	-0.64	28	.526
HS % Students Partial Subsidy Lunch 2010	Total Tie Reciprocity Support-Network (T1)	-0.00	0.01	-0.76	24	.452

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 88: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Household Expenditure	Tie Reciprocity Support-Network (T1)	0.00	0.00	3.00	42	.005
Tract % of Households Adequate Shelter	Tie Reciprocity Support-Network (T1)	0.00	0.00	3.10	42	.004

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

**TRACT-LEVEL VARIABLES PREDICTING
ADULTHOOD TIME-POINT 1 VARIABLES**

Table 89: Tract Ecological Variables Predict Diversity Ideology (Not Network-Specific)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Descriptive Multiculturalism Predominance (T1)	0.00	0.00	1.10	92	.282
Tract Average Income 2000	Descriptive Multiculturalism (T1)	-0.00	0.00	-2.00	92	.045
Tract Average Income 2000	Prescriptive Multiculturalism Predominance (T1)	-0.00	0.00	0.04	83	.409
Tract Average Income 2000	Prescriptive Multiculturalism (T1)	-0.00	0.00	0.30	88	.424
Tract Average Income 2010	Descriptive Multiculturalism Predominance (T1)	0.00	0.00	1.20	77	.231
Tract Average Income 2010	Descriptive Multiculturalism (T1)	-0.00	0.00	-2.00	77	.046
Tract Diversity 2000	Descriptive Multiculturalism Predominance (T1)	-0.44	0.47	-0.94	92	.351
Tract Diversity 2000	Descriptive Multiculturalism (T1)	0.25	0.31	0.81	92	.420
Tract Diversity 2000	Prescriptive Multiculturalism (T1)	-0.22	0.36	-0.61	92	.544
Tract Diversity 2010	Descriptive Multiculturalism Predominance (T1)	-0.47	0.51	-0.93	77	.356
Tract Diversity 2010	Descriptive Multiculturalism (T1)	0.30	0.33	0.91	77	.366
Tract Diversity 2010	Prescriptive Multiculturalism Predominance (T1)	-0.48	0.84	-0.57	70	.569
Tract Diversity 2010	Prescriptive Multiculturalism (T1)	-0.35	0.40	-0.88	74	.397
Tract Diversity 2015	Descriptive Multiculturalism Predominance (T1)	-0.84	0.39	-2.20	93	.034
Tract Diversity 2015	Prescriptive Multiculturalism Predominance (T1)	0.45	0.66	0.68	83	.497
Tract Diversity 2015	Prescriptive Multiculturalism (T1)	-0.43	0.30	-1.40	97	.158
Tract Education Total 2010	Descriptive Multiculturalism (T1)	0.00	0.00	0.61	77	.542
Tract Education Total 2010	Prescriptive Multiculturalism Predominance (T1)	0.00	0.00	0.69	70	.491
Tract Education Total 2010	Prescriptive Multiculturalism (T1)	-0.00	0.00	-0.85	74	.399
Tract Families Percent Poor 2010	Descriptive Multiculturalism Predominance (T1)	-1.26	1.20	-1.00	93	.297
Tract Percent Change Minority 2000-2010	Descriptive Multiculturalism Predominance (T1)	0.12	0.17	0.71	77	.480
Tract Percent Change Minority 2000-2010	Prescriptive Multiculturalism (T1)	0.12	0.13	0.91	74	.365
Tract Percent Female 2010	Descriptive Multiculturalism Predominance (T1)	2.92	1.12	2.60	93	.011
Tract Percent Female 2010	Prescriptive Multiculturalism Predominance (T1)	-2.96	2.03	-1.50	83	.149
Tract Percent Female 2010	Prescriptive Multiculturalism (T1)	-0.39	0.94	-0.35	92	.217
Tract Percent Home Owners 2010	Descriptive Multiculturalism (T1)	-0.25	0.23	-1.10	97	.269
Tract Percent Home Owners 2010	Prescriptive Multiculturalism Predominance (T1)	-0.52	0.53	-0.98	83	.331
Tract Percent Home Owners 2010	Prescriptive Multiculturalism (T1)	-0.27	0.25	-1.10	92	.300
Tract Percent Home Renter 2010	Descriptive Multiculturalism (T1)	0.25	0.23	1.10	97	.269
Tract Percent Home Renter 2010	Prescriptive Multiculturalism Predominance (T1)	0.52	0.53	0.98	83	.331
Tract Percent Home Renter 2010	Prescriptive Multiculturalism (T1)	0.27	0.25	1.10	92	.300
Tract Percent Male 2010	Descriptive Multiculturalism Predominance (T1)	3.46	1.27	2.70	93	.008
Tract Percent Male 2010	Descriptive Multiculturalism (T1)	0.68	0.88	0.77	97	.443
Tract Percent Male 2010	Prescriptive Multiculturalism (T1)	2.03	0.99	2.00	97	.043
Tract Percent Minority 2000	Descriptive Multiculturalism Predominance (T1)	-0.76	0.39	-1.90	92	.055
Tract Percent Minority 2000	Descriptive Multiculturalism (T1)	-0.20	0.26	-0.79	92	.434
Tract Percent Minority 2000	Prescriptive Multiculturalism (T1)	-0.19	0.30	-0.63	92	.530
Tract Percent Minority 2010	Descriptive Multiculturalism Predominance (T1)	-1.00	0.38	-2.70	85	.014
Tract Percent Minority 2010	Descriptive Multiculturalism (T1)	-0.22	0.25	-0.87	87	.390
Tract Percent Minority 2010	Prescriptive Multiculturalism Predominance (T1)	-0.61	0.66	-0.93	70	.354
Tract Percent Minority 2010	Prescriptive Multiculturalism (T1)	-0.37	0.30	-1.20	81	.250
Tract Percent Minority 2015	Descriptive Multiculturalism Predominance (T1)	-1.08	0.35	-3.10	93	.003
Tract Percent Minority 2015	Descriptive Multiculturalism (T1)	-0.23	0.24	-0.93	97	.355
Tract Percent Minority 2015	Prescriptive Multiculturalism (T1)	-0.47	0.27	-1.70	97	.092
Tract Percent Minority Increase 2000-2010	Descriptive Multiculturalism Predominance (T1)	1.37	1.39	0.99	77	.327
Tract Percent Minority Increase 2000-2010	Prescriptive Multiculturalism (T1)	-0.83	1.05	-0.79	77	.431
Tract Percent Minority Increase 2010-2015	Descriptive Multiculturalism Predominance (T1)	-2.16	0.78	-2.80	92	.007
Tract Percent Minority Increase 2010-2015	Descriptive Multiculturalism (T1)	-0.38	0.53	-0.71	92	.480
Tract Percent Minority Increase 2010-2015	Prescriptive Multiculturalism Predominance (T1)	0.95	1.48	0.64	83	.525
Tract Percent Minority Increase 2010-2015	Prescriptive Multiculturalism (T1)	-0.20	0.66	-0.40	88	.226
Tract Percent Minority Increase Or Decrease 2000-2010	Descriptive Multiculturalism (T1)	-0.46	0.21	-2.20	77	.028
Tract Percent Minority Increase Or Decrease 2000-2010	Prescriptive Multiculturalism Predominance (T1)	-0.38	0.55	-0.70	70	.486
Tract Percent Minority Increase Or Decrease 2000-2010	Prescriptive Multiculturalism (T1)	-0.45	0.26	-1.80	74	.086
Tract Percent Multicultural 2010	Prescriptive Multiculturalism Predominance (T1)	3.97	3.37	1.20	79	.242
Tract Percent Poverty 2000	Prescriptive Multiculturalism (T1)	-0.00	0.00	-1.30	74	.201
Tract Percent Poverty 2010	Descriptive Multiculturalism Predominance (T1)	1.14	0.93	1.20	77	.220
Tract Percent Poverty 2010	Prescriptive Multiculturalism Predominance (T1)	-1.19	1.53	-0.78	70	.439

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 90: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Descriptive Multiculturalism (T1)	-0.00	0.00	-2.00	92	.045
Tract Average Income 2010	Descriptive Multiculturalism (T1)	-0.00	0.00	-2.00	77	.046
Tract Diversity 2015	Descriptive Multiculturalism Predominance (T1)	-0.84	0.39	-2.20	93	.034
Tract Percent Female 2010	Descriptive Multiculturalism Predominance (T1)	2.92	1.12	2.60	93	.011
Tract Percent Male 2010	Descriptive Multiculturalism Predominance (T1)	3.46	1.27	2.70	93	.008
Tract Percent Male 2010	Prescriptive Multiculturalism (T1)	2.03	0.99	2.00	97	.043
Tract Percent Minority 2010	Descriptive Multiculturalism Predominance (T1)	-1.00	0.38	-2.70	85	.014
Tract Percent Minority 2015	Descriptive Multiculturalism Predominance (T1)	-1.08	0.35	-3.10	93	.003
Tract Percent Minority Increase 2010-2015	Descriptive Multiculturalism Predominance (T1)	-2.16	0.78	-2.80	92	.007
Tract Percent Minority Increase Or Decrease 2000-2010	Descriptive Multiculturalism (T1)	-0.46	0.21	-2.20	77	.028

* Residualized change multiple regressions:

controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 91: Tract Ecological Variables Predict Diversity Ideology (Not Network-Specific)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Descriptive Colorblindness (T1)	-0.00	0.00	-2.20	92	.053
Tract Average Income 2000	Prescriptive Colorblindness (T1)	0.00	0.00	-0.52	86	.338
Tract Average Income 2010	Descriptive Colorblindness (T1)	-0.00	0.00	-2.80	77	.006
Tract Diversity 2000	Descriptive Colorblindness (T1)	0.70	0.42	1.70	92	.100
Tract Diversity 2010	Descriptive Colorblindness (T1)	0.79	0.47	1.70	77	.099
Tract Diversity 2015	Descriptive Colorblindness (T1)	0.89	0.34	2.60	97	.010
Tract Diversity 2015	Prescriptive Colorblindness (T1)	-0.35	0.50	-0.69	87	.490
Tract Education Total 2010	Prescriptive Colorblindness (T1)	-0.00	0.00	-1.10	74	.286
Tract Families Percent Poor 2010	Descriptive Colorblindness (T1)	1.48	1.08	1.40	93	.172
Tract Percent Change Minority 2000-2010	Descriptive Colorblindness (T1)	-0.12	0.16	-0.79	77	.434
Tract Percent Female 2010	Descriptive Colorblindness (T1)	-2.75	1.00	-2.80	97	.007
Tract Percent Female 2010	Prescriptive Colorblindness (T1)	0.18	1.41	0.06	92	.555
Tract Percent Home Owners 2010	Descriptive Colorblindness (T1)	-0.21	0.30	-0.71	97	.477
Tract Percent Home Owners 2010	Prescriptive Colorblindness (T1)	0.44	0.38	1.20	92	.249
Tract Percent Home Renter 2010	Descriptive Colorblindness (T1)	0.21	0.30	0.71	97	.477
Tract Percent Home Renter 2010	Prescriptive Colorblindness (T1)	-0.44	0.38	-1.20	92	.249
Tract Percent Male 2010	Descriptive Colorblindness (T1)	-2.43	1.14	-2.10	97	.037
Tract Percent Male 2010	Prescriptive Colorblindness (T1)	-1.08	1.40	-0.77	97	.442
Tract Percent Minority 2000	Descriptive Colorblindness (T1)	0.56	0.35	1.60	92	.120
Tract Percent Minority 2000	Prescriptive Colorblindness (T1)	0.22	0.42	0.53	92	.595
Tract Percent Minority 2010	Descriptive Colorblindness (T1)	0.76	0.34	2.20	87	.039
Tract Percent Minority 2010	Prescriptive Colorblindness (T1)	0.34	0.45	0.76	81	.450
Tract Percent Minority 2015	Descriptive Colorblindness (T1)	0.82	0.31	2.60	97	.010
Tract Percent Minority 2015	Prescriptive Colorblindness (T1)	0.29	0.39	0.74	97	.462
Tract Percent Minority Increase 2000-2010	Descriptive Colorblindness (T1)	-1.45	1.29	-1.10	77	.264
Tract Percent Minority Increase 2010-2015	Descriptive Colorblindness (T1)	1.78	0.71	2.50	92	.014
Tract Percent Minority Increase 2010-2015	Prescriptive Colorblindness (T1)	0.87	0.85	1.00	92	.307
Tract Percent Minority Increase Or Decrease 2000-2010	Descriptive Colorblindness (T1)	-0.43	0.30	-1.40	77	.160
Tract Percent Multicultural 2010	Prescriptive Colorblindness (T1)	-3.24	2.48	-1.30	84	.196
Tract Percent Poverty 2000	Prescriptive Colorblindness (T1)	-0.00	0.00	-0.87	74	.404
Tract Percent Poverty 2010	Descriptive Colorblindness (T1)	-1.38	0.86	-1.60	77	.111
Tract Percent Poverty 2010	Prescriptive Colorblindness (T1)	0.95	1.10	0.85	74	.407

* Residualized change multiple regressions:

controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 92: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2010	Descriptive Colorblindness (T1)	-0.00	0.00	-2.80	77	.006
Tract Diversity 2015	Descriptive Colorblindness (T1)	0.89	0.34	2.60	97	.010
Tract Percent Female 2010	Descriptive Colorblindness (T1)	-2.75	1.00	-2.80	97	.007
Tract Percent Male 2010	Descriptive Colorblindness (T1)	-2.43	1.14	-2.10	97	.037
Tract Percent Minority 2010	Descriptive Colorblindness (T1)	0.76	0.34	2.20	87	.039
Tract Percent Minority 2015	Descriptive Colorblindness (T1)	0.82	0.31	2.60	97	.010
Tract Percent Minority Increase 2010-2015	Descriptive Colorblindness (T1)	1.78	0.71	2.50	92	.014

* Residualized change multiple regressions:

controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 93: Tract Ecological Variables Predict Network Diversity and Minority Presence Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Diversity Study-Network (T1)	0.00	0.00	1.00	84	.359
Tract Average Income 2010	Diversity Study-Network (T1)	0.00	0.00	1.50	70	.140
Tract Diversity 2000	Diversity Study-Network (T1)	-0.41	0.15	-2.70	84	.008
Tract Diversity 2010	Diversity Study-Network (T1)	-0.35	0.17	-2.10	70	.041
Tract Diversity 2015	Diversity Study-Network (T1)	-0.38	0.12	-3.20	89	.002
Tract Education Total 2010	Diversity Study-Network (T1)	-0.00	0.00	-1.60	70	.126
Tract Families Percent Poor 2010	Diversity Study-Network (T1)	-0.68	0.38	-1.80	85	.078
Tract Percent Change Minority 2000-2010	Diversity Study-Network (T1)	0.06	0.05	1.20	70	.255
Tract Percent Female 2010	Diversity Study-Network (T1)	0.66	0.36	1.90	89	.067
Tract Percent Home Owners 2010	Diversity Study-Network (T1)	0.20	0.11	1.90	89	.059
Tract Percent Home Renter 2010	Diversity Study-Network (T1)	-0.20	0.11	-1.90	89	.059
Tract Percent Male 2010	Diversity Study-Network (T1)	0.43	0.40	1.00	89	.295
Tract Percent Minority 2000	Diversity Study-Network (T1)	-0.25	0.13	-1.90	84	.056
Tract Percent Minority 2010	Diversity Study-Network (T1)	-0.26	0.12	-2.10	80	.059
Tract Percent Minority 2015	Diversity Study-Network (T1)	-0.29	0.11	-2.60	89	.010
Tract Percent Minority Increase 2000-2010	Diversity Study-Network (T1)	-0.01	0.45	-0.03	70	.980
Tract Percent Minority Increase 2010-2015	Diversity Study-Network (T1)	-0.40	0.25	-1.60	84	.116
Tract Percent Minority Increase Or Decrease 2000-2010	Diversity Study-Network (T1)	0.02	0.11	0.21	70	.836
Tract Percent Multicultural 2010	Diversity Study-Network (T1)	-1.32	0.91	-1.40	81	.163
Tract Percent Poverty 2000	Diversity Study-Network (T1)	-0.00	0.00	-1.30	70	.212
Tract Percent Poverty 2010	Diversity Study-Network (T1)	0.50	0.31	1.60	70	.114

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 94: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Diversity 2000	Diversity Study-Network (T1)	-0.41	0.15	-2.70	84	.008
Tract Diversity 2010	Diversity Study-Network (T1)	-0.35	0.17	-2.10	70	.041
Tract Diversity 2015	Diversity Study-Network (T1)	-0.38	0.12	-3.20	89	.002
Tract Percent Minority 2015	Diversity Study-Network (T1)	-0.29	0.11	-2.60	89	.010

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 95: Tract Ecological Variables Predict Network Diversity and Minority Presence Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Diversity Friend-Network (T1)	0.00	0.00	0.31	54	.756
Tract Average Income 2010	Diversity Friend-Network (T1)	0.00	0.00	0.55	45	.588
Tract Diversity 2000	Diversity Friend-Network (T1)	-0.44	0.21	-2.10	54	.042
Tract Diversity 2010	Diversity Friend-Network (T1)	-0.45	0.23	-1.90	45	.062
Tract Diversity 2015	Diversity Friend-Network (T1)	-0.08	0.17	-0.48	56	.633
Tract Education Total 2010	Diversity Friend-Network (T1)	-0.00	0.00	-0.50	45	.619
Tract Families Percent Poor 2010	Diversity Friend-Network (T1)	0.13	0.81	0.16	55	.870
Tract Percent Change Minority 2000-2010	Diversity Friend-Network (T1)	0.15	0.06	2.30	45	.028
Tract Percent Female 2010	Diversity Friend-Network (T1)	-0.45	0.45	-1.00	56	.319
Tract Percent Home Owners 2010	Diversity Friend-Network (T1)	-0.11	0.16	-0.68	56	.502
Tract Percent Home Renter 2010	Diversity Friend-Network (T1)	0.11	0.16	0.68	56	.502
Tract Percent Male 2010	Diversity Friend-Network (T1)	-0.43	0.52	-0.83	56	.409
Tract Percent Minority 2000	Diversity Friend-Network (T1)	-0.34	0.18	-1.80	54	.069
Tract Percent Minority 2010	Diversity Friend-Network (T1)	-0.23	0.17	-1.30	50	.230
Tract Percent Minority 2015	Diversity Friend-Network (T1)	-0.15	0.16	-0.95	56	.348
Tract Percent Minority Increase 2000-2010	Diversity Friend-Network (T1)	0.50	0.64	0.78	45	.442
Tract Percent Minority Increase 2010-2015	Diversity Friend-Network (T1)	0.34	0.31	1.10	54	.276
Tract Percent Minority Increase Or Decrease 2000-2010	Diversity Friend-Network (T1)	-0.16	0.18	-0.93	45	.360
Tract Percent Multicultural 2010	Diversity Friend-Network (T1)	-1.09	0.82	-1.30	52	.202
Tract Percent Poverty 2000	Diversity Friend-Network (T1)	-0.00	0.00	-0.28	45	.784
Tract Percent Poverty 2010	Diversity Friend-Network (T1)	-0.52	0.50	-1.00	45	.306

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 96: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Diversity 2000	Diversity Friend-Network (T1)	-0.44	0.21	-2.10	54	.042
Tract Percent Change Minority 2000-2010	Diversity Friend-Network (T1)	0.15	0.06	2.30	45	.028

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 97: Tract Ecological Variables Predict Network Diversity and Minority Presence Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Diversity Support-Network (T1)	0.00	0.00	-0.01	38	.928
Tract Average Income 2010	Diversity Support-Network (T1)	0.00	0.00	0.02	31	.980
Tract Diversity 2000	Diversity Support-Network (T1)	-0.61	0.23	-2.70	38	.011
Tract Diversity 2010	Diversity Support-Network (T1)	-0.53	0.28	-1.90	31	.062
Tract Diversity 2015	Diversity Support-Network (T1)	-0.33	0.19	-1.80	40	.083
Tract Education Total 2010	Diversity Support-Network (T1)	-0.00	0.00	-1.20	31	.248
Tract Families Percent Poor 2010	Diversity Support-Network (T1)	0.09	0.88	0.10	39	.919
Tract Percent Change Minority 2000-2010	Diversity Support-Network (T1)	0.21	0.15	1.40	31	.170
Tract Percent Female 2010	Diversity Support-Network (T1)	0.30	0.57	0.52	40	.605
Tract Percent Home Owners 2010	Diversity Support-Network (T1)	-0.18	0.18	-1.00	40	.309
Tract Percent Home Renter 2010	Diversity Support-Network (T1)	0.18	0.18	1.00	40	.309
Tract Percent Male 2010	Diversity Support-Network (T1)	0.16	0.74	0.22	40	.827
Tract Percent Minority 2000	Diversity Support-Network (T1)	-0.45	0.22	-2.10	38	.044
Tract Percent Minority 2010	Diversity Support-Network (T1)	-0.34	0.21	-1.60	36	.122
Tract Percent Minority 2015	Diversity Support-Network (T1)	-0.29	0.19	-1.50	40	.131
Tract Percent Minority Increase 2000-2010	Diversity Support-Network (T1)	0.08	0.70	0.12	31	.907
Tract Percent Minority Increase 2010-2015	Diversity Support-Network (T1)	-0.07	0.43	-0.15	38	.881
Tract Percent Minority Increase Or Decrease 2000-2010	Diversity Support-Network (T1)	-0.15	0.17	-0.87	31	.393
Tract Percent Multicultural 2010	Diversity Support-Network (T1)	-1.12	0.80	-1.40	36	.174
Tract Percent Poverty 2000	Diversity Support-Network (T1)	-0.00	0.00	-1.10	31	.277
Tract Percent Poverty 2010	Diversity Support-Network (T1)	-0.20	0.57	-0.35	31	.731

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 98: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Diversity 2000	Diversity Support-Network (T1)	-0.61	0.23	-2.70	38	.011
Tract Percent Minority 2000	Diversity Support-Network (T1)	-0.45	0.22	-2.10	38	.044

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 99: Tract Ecological Variables Predict Social Network Homophily Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Homophily Dorm Study-Network (T1)	0.00	0.00	1.30	33	.198
Tract Average Income 2000	Homophily Gender Study-Network (T1)	0.00	0.00	1.20	33	.244
Tract Average Income 2000	Homophily Group Study-Network (T1)	0.00	0.00	-0.08	37	.270
Tract Average Income 2000	Homophily Native Lang. Study-Network (T1)	-0.00	0.00	-2.80	33	.009
Tract Average Income 2000	Homophily Race Study-Network (T1)	-0.00	0.00	-1.30	33	.217
Tract Average Income 2010	Homophily Class-Year Study-Network (T1)	0.00	0.00	1.10	26	.273
Tract Average Income 2010	Homophily Dorm Study-Network (T1)	0.00	0.00	1.10	26	.284
Tract Average Income 2010	Homophily Gender Study-Network (T1)	0.00	0.00	1.90	26	.068
Tract Average Income 2010	Homophily School Study-Network (T1)	0.00	0.00	1.20	26	.237
Tract Diversity 2000	Homophily Class-Year Study-Network (T1)	-0.49	0.39	-1.30	33	.214
Tract Diversity 2000	Homophily Gender Study-Network (T1)	-0.49	0.34	-1.40	33	.163
Tract Diversity 2000	Homophily School Study-Network (T1)	0.24	0.18	1.40	33	.178
Tract Diversity 2010	Homophily Class-Year Study-Network (T1)	-0.85	0.49	-1.70	26	.096
Tract Diversity 2010	Homophily Gender Study-Network (T1)	-0.77	0.46	-1.70	26	.109
Tract Diversity 2010	Homophily Race Study-Network (T1)	0.66	0.47	1.40	26	.165
Tract Diversity 2010	Homophily School Study-Network (T1)	0.27	0.25	1.10	26	.287
Tract Education Total 2010	Homophily Class-Year Study-Network (T1)	-0.00	0.00	-2.50	26	.019
Tract Education Total 2010	Homophily Dorm Study-Network (T1)	-0.00	0.00	-1.30	26	.220
Tract Education Total 2010	Homophily Gender Study-Network (T1)	-0.00	0.00	-1.20	26	.247
Tract Education Total 2010	Homophily Native Lang. Study-Network (T1)	-0.00	0.00	-4.00	26	.0000000
Tract Families Percent Poor 2010	Homophily Dorm Study-Network (T1)	-1.06	0.77	-1.40	33	.178
Tract Families Percent Poor 2010	Homophily Native Lang. Study-Network (T1)	2.92	1.66	1.80	33	.089
Tract Percent Change Minority 2000-2010	Homophily Dorm Study-Network (T1)	-0.15	0.05	-3.00	26	.005
Tract Percent Change Minority 2000-2010	Homophily Group Study-Network (T1)	-0.16	0.10	-1.60	30	.121
Tract Percent Change Minority 2000-2010	Homophily Native Lang. Study-Network (T1)	-0.14	0.12	-1.20	26	.236
Tract Percent Female 2010	Homophily Age Study-Network (T1)	0.89	0.83	1.10	33	.292
Tract Percent Home Owners 2010	Homophily Group Study-Network (T1)	0.41	0.25	1.60	37	.107
Tract Percent Home Owners 2010	Homophily Race Study-Network (T1)	0.42	0.26	1.60	33	.116
Tract Percent Home Renter 2010	Homophily Group Study-Network (T1)	-0.41	0.25	-1.60	37	.107
Tract Percent Home Renter 2010	Homophily Race Study-Network (T1)	-0.42	0.26	-1.60	33	.116
Tract Percent Male 2010	Homophily Race Study-Network (T1)	1.57	1.04	1.50	33	.142
Tract Percent Male 2010	Homophily School Study-Network (T1)	0.68	0.50	1.40	33	.177
Tract Percent Minority 2000	Homophily Native Lang. Study-Network (T1)	0.40	0.36	1.10	33	.273
Tract Percent Minority 2000	Homophily School Study-Network (T1)	0.20	0.15	1.30	33	.200
Tract Percent Minority 2010	Homophily School Study-Network (T1)	0.21	0.18	1.20	26	.251
Tract Percent Minority Increase 2000-2010	Homophily Class-Year Study-Network (T1)	-1.63	1.52	-1.10	26	.295
Tract Percent Minority Increase 2000-2010	Homophily Dorm Study-Network (T1)	-1.71	0.75	-2.30	26	.031
Tract Percent Minority Increase 2000-2010	Homophily Native Lang. Study-Network (T1)	-1.78	1.62	-1.10	26	.282
Tract Percent Minority Increase 2010-2015	Homophily Race Study-Network (T1)	-0.73	0.63	-1.10	33	.261
Tract Percent Minority Increase 2010-2015	Homophily School Study-Network (T1)	-0.35	0.30	-1.20	33	.253
Tract Percent Minority Increase Or Decrease 2000-2010	Homophily Class-Year Study-Network (T1)	-0.54	0.34	-1.60	26	.124
Tract Percent Minority Increase Or Decrease 2000-2010	Homophily Dorm Study-Network (T1)	-0.22	0.18	-1.20	26	.250
Tract Percent Minority Increase Or Decrease 2000-2010	Homophily Race Study-Network (T1)	0.43	0.32	1.30	26	.194
Tract Percent Multicultural 2010	Homophily Age Study-Network (T1)	-2.15	1.11	-1.90	31	.062
Tract Percent Multicultural 2010	Homophily Class-Year Study-Network (T1)	-2.94	1.12	-2.60	31	.015
Tract Percent Multicultural 2010	Homophily Gender Study-Network (T1)	-3.20	0.96	-3.30	31	.002
Tract Percent Multicultural 2010	Homophily Group Study-Network (T1)	2.84	1.13	2.50	35	.017
Tract Percent Multicultural 2010	Homophily Native Lang. Study-Network (T1)	-2.21	1.28	-1.70	31	.096
Tract Percent Multicultural 2010	Homophily Race Study-Network (T1)	2.99	1.05	2.80	31	.008
Tract Percent Poverty 2000	Homophily Class-Year Study-Network (T1)	-0.00	0.00	-2.80	26	.009
Tract Percent Poverty 2000	Homophily Dorm Study-Network (T1)	-0.00	0.00	-1.80	26	.080
Tract Percent Poverty 2000	Homophily Gender Study-Network (T1)	-0.00	0.00	-1.30	26	.211
Tract Percent Poverty 2000	Homophily Native Lang. Study-Network (T1)	-0.00	0.00	-3.50	26	.002
Tract Percent Poverty 2000	Homophily Race Study-Network (T1)	0.00	0.00	1.20	26	.233
Tract Percent Poverty 2010	Homophily Gender Study-Network (T1)	-1.17	0.89	-1.30	26	.202
Tract Percent Poverty 2010	Homophily Native Lang. Study-Network (T1)	-1.08	1.03	-1.00	26	.303

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 100: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Homophily Native Lang. Study-Network (T1)	-0.00	0.00	-2.80	33	.009
Tract Education Total 2010	Homophily Class-Year Study-Network (T1)	-0.00	0.00	-2.50	26	.019
Tract Education Total 2010	Homophily Native Lang. Study-Network (T1)	-0.00	0.00	-4.00	26	.0000000
Tract Percent Change Minority 2000-2010	Homophily Dorm Study-Network (T1)	-0.15	0.05	-3.00	26	.005
Tract Percent Minority Increase 2000-2010	Homophily Dorm Study-Network (T1)	-1.71	0.75	-2.30	26	.031
Tract Percent Multicultural 2010	Homophily Class-Year Study-Network (T1)	-2.94	1.12	-2.60	31	.015
Tract Percent Multicultural 2010	Homophily Gender Study-Network (T1)	-3.20	0.96	-3.30	31	.002
Tract Percent Multicultural 2010	Homophily Group Study-Network (T1)	2.84	1.13	2.50	35	.017
Tract Percent Multicultural 2010	Homophily Race Study-Network (T1)	2.99	1.05	2.80	31	.008
Tract Percent Poverty 2000	Homophily Class-Year Study-Network (T1)	-0.00	0.00	-2.80	26	.009
Tract Percent Poverty 2000	Homophily Native Lang. Study-Network (T1)	-0.00	0.00	-3.50	26	.002

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 101: Tract Ecological Variables Predict Social Network Homophily Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Homophily Class-Year Friend-Network (T1)	0.00	0.00	1.20	54	.250
Tract Average Income 2000	Homophily Group Friend-Network (T1)	0.00	0.00	1.40	57	.181
Tract Average Income 2000	Homophily Native Lang. Friend-Network (T1)	-0.00	0.00	-3.20	54	.002
Tract Average Income 2000	Homophily Race Friend-Network (T1)	-0.00	0.00	-1.10	53	.287
Tract Average Income 2010	Homophily Age Friend-Network (T1)	-0.00	0.00	-1.10	45	.293
Tract Diversity 2000	Homophily Age Friend-Network (T1)	0.43	0.29	1.50	54	.150
Tract Diversity 2000	Homophily Class-Year Friend-Network (T1)	-0.40	0.29	-1.40	54	.183
Tract Diversity 2000	Homophily Gender Friend-Network (T1)	-0.58	0.27	-2.20	54	.035
Tract Diversity 2000	Homophily School Friend-Network (T1)	0.25	0.21	1.20	54	.228
Tract Diversity 2010	Homophily Age Friend-Network (T1)	0.45	0.33	1.40	45	.183
Tract Diversity 2010	Homophily Class-Year Friend-Network (T1)	-0.67	0.34	-2.00	45	.056
Tract Diversity 2010	Homophily Gender Friend-Network (T1)	-0.57	0.33	-1.70	45	.090
Tract Diversity 2015	Homophily Class-Year Friend-Network (T1)	-0.27	0.24	-1.10	56	.261
Tract Diversity 2015	Homophily Dorm Friend-Network (T1)	-0.22	0.19	-1.10	56	.264
Tract Diversity 2015	Homophily Gender Friend-Network (T1)	-0.35	0.22	-1.60	56	.113
Tract Education Total 2010	Homophily Age Friend-Network (T1)	0.00	0.00	1.20	45	.245
Tract Education Total 2010	Homophily Class-Year Friend-Network (T1)	-0.00	0.00	-1.60	45	.124
Tract Education Total 2010	Homophily Gender Friend-Network (T1)	-0.00	0.00	-1.20	45	.233
Tract Education Total 2010	Homophily Native Lang. Friend-Network (T1)	-0.00	0.00	-1.40	45	.165
Tract Education Total 2010	Homophily School Friend-Network (T1)	0.00	0.00	1.70	45	.097
Tract Families Percent Poor 2010	Homophily Class-Year Friend-Network (T1)	-1.22	1.08	-1.10	55	.260
Tract Percent Change Minority 2000-2010	Homophily Dorm Friend-Network (T1)	-0.14	0.07	-2.10	45	.041
Tract Percent Change Minority 2000-2010	Homophily Gender Friend-Network (T1)	0.15	0.09	1.60	45	.107
Tract Percent Change Minority 2000-2010	Homophily Group Friend-Network (T1)	-0.12	0.09	-1.30	48	.186
Tract Percent Change Minority 2000-2010	Homophily Race Friend-Network (T1)	-0.14	0.11	-1.30	44	.192
Tract Percent Change Minority 2000-2010	Homophily School Friend-Network (T1)	-0.12	0.07	-1.70	45	.095
Tract Percent Female 2010	Homophily Dorm Friend-Network (T1)	0.81	0.51	1.60	56	.118
Tract Percent Female 2010	Homophily Race Friend-Network (T1)	0.73	0.68	1.10	55	.290
Tract Percent Home Owners 2010	Homophily Age Friend-Network (T1)	-0.40	0.22	-1.80	56	.072
Tract Percent Home Owners 2010	Homophily Dorm Friend-Network (T1)	-0.23	0.18	-1.20	56	.220
Tract Percent Home Owners 2010	Homophily Native Lang. Friend-Network (T1)	0.38	0.21	1.80	56	.075
Tract Percent Home Owners 2010	Homophily Race Friend-Network (T1)	0.34	0.24	1.40	55	.165
Tract Percent Home Renter 2010	Homophily Age Friend-Network (T1)	0.40	0.22	1.80	56	.072
Tract Percent Home Renter 2010	Homophily Dorm Friend-Network (T1)	0.23	0.18	1.20	56	.220
Tract Percent Home Renter 2010	Homophily Native Lang. Friend-Network (T1)	-0.38	0.21	-1.80	56	.075
Tract Percent Home Renter 2010	Homophily Race Friend-Network (T1)	-0.34	0.24	-1.40	55	.165
Tract Percent Male 2010	Homophily Dorm Friend-Network (T1)	0.97	0.59	1.60	56	.105
Tract Percent Male 2010	Homophily Race Friend-Network (T1)	1.46	0.78	1.90	55	.067
Tract Percent Minority 2000	Homophily School Friend-Network (T1)	0.25	0.18	1.40	54	.168
Tract Percent Minority 2010	Homophily Dorm Friend-Network (T1)	-0.42	0.18	-2.30	56	.024
Tract Percent Minority 2010	Homophily Gender Friend-Network (T1)	-0.32	0.21	-1.50	56	.138
Tract Percent Minority 2010	Homophily Group Friend-Network (T1)	-0.26	0.24	-1.10	48	.269
Tract Percent Minority 2010	Homophily School Friend-Network (T1)	0.22	0.20	1.10	45	.277
Tract Percent Minority 2015	Homophily Dorm Friend-Network (T1)	-0.42	0.18	-2.30	56	.024
Tract Percent Minority 2015	Homophily Gender Friend-Network (T1)	-0.32	0.21	-1.50	56	.138
Tract Percent Minority Increase 2000-2010	Homophily Class-Year Friend-Network (T1)	-1.05	0.93	-1.10	45	.266
Tract Percent Minority Increase 2000-2010	Homophily Dorm Friend-Network (T1)	-1.08	0.65	-1.70	45	.103
Tract Percent Minority Increase 2000-2010	Homophily Group Friend-Network (T1)	-1.14	0.72	-1.60	48	.119
Tract Percent Minority Increase 2000-2010	Homophily Race Friend-Network (T1)	-1.73	1.03	-1.70	44	.098
Tract Percent Minority Increase 2000-2010	Homophily School Friend-Network (T1)	-0.74	0.67	-1.10	45	.276
Tract Percent Minority Increase 2010-2015	Homophily Dorm Friend-Network (T1)	-0.73	0.30	-2.40	54	.019
Tract Percent Minority Increase 2010-2015	Homophily Race Friend-Network (T1)	-0.98	0.46	-2.10	53	.040
Tract Percent Minority Increase Or Decrease 2000-2010	Homophily Class-Year Friend-Network (T1)	-0.41	0.26	-1.60	45	.115
Tract Percent Multicultural 2010	Homophily Age Friend-Network (T1)	-1.29	1.15	-1.10	52	.266
Tract Percent Multicultural 2010	Homophily Class-Year Friend-Network (T1)	-2.83	1.12	-2.50	52	.016
Tract Percent Multicultural 2010	Homophily Gender Friend-Network (T1)	-3.10	1.03	-3.00	52	.005
Tract Percent Multicultural 2010	Homophily Group Friend-Network (T1)	2.48	1.03	2.40	55	.019
Tract Percent Multicultural 2010	Homophily Native Lang. Friend-Network (T1)	-1.95	1.09	-1.80	52	.082
Tract Percent Multicultural 2010	Homophily Race Friend-Network (T1)	1.84	1.26	1.50	51	.156
Tract Percent Multicultural 2010	Homophily School Friend-Network (T1)	0.88	0.79	1.10	50	.269
Tract Percent Poverty 2000	Homophily Class-Year Friend-Network (T1)	-0.00	0.00	-1.60	45	.106
Tract Percent Poverty 2000	Homophily Gender Friend-Network (T1)	-0.00	0.00	-1.30	45	.207
Tract Percent Poverty 2000	Homophily Native Lang. Friend-Network (T1)	-0.00	0.00	-1.10	45	.285
Tract Percent Poverty 2000	Homophily School Friend-Network (T1)	0.00	0.00	1.60	45	.120
Tract Percent Poverty 2010	Homophily Class-Year Friend-Network (T1)	0.80	0.73	1.10	45	.276

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 102: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Homophily Native Lang. Friend-Network (T1)	-0.00	0.00	-3.20	54	.002
Tract Diversity 2000	Homophily Gender Friend-Network (T1)	-0.58	0.27	-2.20	54	.035
Tract Percent Change Minority 2000-2010	Homophily Dorm Friend-Network (T1)	-0.14	0.07	-2.10	45	.041
Tract Percent Minority 2010	Homophily Dorm Friend-Network (T1)	-0.42	0.18	-2.30	56	.024
Tract Percent Minority 2015	Homophily Dorm Friend-Network (T1)	-0.42	0.18	-2.30	56	.024
Tract Percent Minority Increase 2010-2015	Homophily Dorm Friend-Network (T1)	-0.73	0.30	-2.40	54	.019
Tract Percent Minority Increase 2010-2015	Homophily Race Friend-Network (T1)	-0.98	0.46	-2.10	53	.040
Tract Percent Multicultural 2010	Homophily Class-Year Friend-Network (T1)	-2.83	1.12	-2.50	52	.016
Tract Percent Multicultural 2010	Homophily Gender Friend-Network (T1)	-3.10	1.03	-3.00	52	.005
Tract Percent Multicultural 2010	Homophily Group Friend-Network (T1)	2.48	1.03	2.40	55	.019

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 103: Tract Ecological Variables Predict Social Network Homophily Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Homophily Age Support-Network (T1)	0.00	0.00	1.40	38	.183
Tract Average Income 2000	Homophily Class-Year Support-Network (T1)	0.00	0.00	1.10	38	.293
Tract Average Income 2000	Homophily Gender Support-Network (T1)	0.00	0.00	1.10	38	.288
Tract Average Income 2000	Homophily Native Lang. Support-Network (T1)	-0.00	0.00	-1.80	38	.073
Tract Average Income 2000	Homophily Race Support-Network (T1)	-0.00	0.00	-1.20	37	.235
Tract Average Income 2000	Homophily School Support-Network (T1)	0.00	0.00	1.40	38	.164
Tract Average Income 2010	Homophily Age Support-Network (T1)	0.00	0.00	1.10	31	.266
Tract Average Income 2010	Homophily Class-Year Support-Network (T1)	0.00	0.00	1.80	31	.088
Tract Average Income 2010	Homophily Gender Support-Network (T1)	0.00	0.00	1.60	31	.117
Tract Average Income 2010	Homophily Group Support-Network (T1)	0.00	0.00	1.60	36	.109
Tract Average Income 2010	Homophily School Support-Network (T1)	0.00	0.00	1.40	31	.160
Tract Diversity 2000	Homophily Class-Year Support-Network (T1)	-0.86	0.39	-2.20	38	.035
Tract Diversity 2000	Homophily Native Lang. Support-Network (T1)	-0.43	0.39	-1.10	38	.275
Tract Diversity 2000	Homophily Race Support-Network (T1)	0.43	0.40	1.10	37	.288
Tract Diversity 2010	Homophily Class-Year Support-Network (T1)	-0.92	0.45	-2.10	31	.048
Tract Diversity 2010	Homophily Dorm Support-Network (T1)	-0.28	0.21	-1.30	31	.194
Tract Diversity 2010	Homophily Native Lang. Support-Network (T1)	-0.56	0.45	-1.20	31	.224
Tract Diversity 2010	Homophily Race Support-Network (T1)	0.63	0.45	1.40	30	.175
Tract Diversity 2015	Homophily Age Support-Network (T1)	-0.35	0.30	-1.20	40	.255
Tract Diversity 2015	Homophily Class-Year Support-Network (T1)	-0.36	0.31	-1.10	40	.263
Tract Education Total 2010	Homophily Class-Year Support-Network (T1)	-0.00	0.00	-1.40	31	.185
Tract Education Total 2010	Homophily Gender Support-Network (T1)	-0.00	0.00	-2.20	31	.033
Tract Education Total 2010	Homophily Native Lang. Support-Network (T1)	-0.00	0.00	-2.10	31	.044
Tract Education Total 2010	Homophily Race Support-Network (T1)	0.00	0.00	1.20	30	.245
Tract Education Total 2010	Homophily School Support-Network (T1)	0.00	0.00	1.20	31	.256
Tract Families Percent Poor 2010	Homophily Age Support-Network (T1)	-2.23	1.24	-1.80	39	.080
Tract Percent Change Minority 2000-2010	Homophily Group Support-Network (T1)	-0.27	0.21	-1.30	36	.212
Tract Percent Change Minority 2000-2010	Homophily Race Support-Network (T1)	-0.32	0.26	-1.20	30	.220
Tract Percent Change Minority 2000-2010	Homophily School Support-Network (T1)	-0.18	0.15	-1.20	31	.221
Tract Percent Home Owners 2010	Homophily Group Support-Network (T1)	0.24	0.23	1.10	45	.291
Tract Percent Home Owners 2010	Homophily Native Lang. Support-Network (T1)	0.33	0.27	1.20	40	.232
Tract Percent Home Owners 2010	Homophily Race Support-Network (T1)	0.48	0.27	1.80	39	.086
Tract Percent Home Renter 2010	Homophily Group Support-Network (T1)	-0.24	0.23	-1.10	45	.291
Tract Percent Home Renter 2010	Homophily Native Lang. Support-Network (T1)	-0.33	0.27	-1.20	40	.232
Tract Percent Home Renter 2010	Homophily Race Support-Network (T1)	-0.48	0.27	-1.80	39	.086
Tract Percent Male 2010	Homophily Class-Year Support-Network (T1)	-1.62	1.19	-1.40	40	.183
Tract Percent Male 2010	Homophily Dorm Support-Network (T1)	-0.89	0.73	-1.20	40	.231
Tract Percent Male 2010	Homophily Race Support-Network (T1)	1.32	1.17	1.10	39	.264
Tract Percent Minority 2010	Homophily Age Support-Network (T1)	-0.41	0.30	-1.40	40	.180
Tract Percent Minority 2010	Homophily Class-Year Support-Network (T1)	-0.34	0.31	-1.10	40	.282
Tract Percent Minority 2010	Homophily Dorm Support-Network (T1)	-0.24	0.19	-1.20	40	.220
Tract Percent Minority 2010	Homophily Gender Support-Network (T1)	-0.32	0.27	-1.20	40	.247
Tract Percent Minority 2015	Homophily Age Support-Network (T1)	-0.41	0.30	-1.40	40	.180
Tract Percent Minority 2015	Homophily Class-Year Support-Network (T1)	-0.34	0.31	-1.10	40	.282
Tract Percent Minority 2015	Homophily Dorm Support-Network (T1)	-0.24	0.19	-1.20	40	.220
Tract Percent Minority 2015	Homophily Gender Support-Network (T1)	-0.32	0.27	-1.20	40	.247
Tract Percent Minority Increase 2000-2010	Homophily Dorm Support-Network (T1)	-0.83	0.50	-1.60	31	.109
Tract Percent Minority Increase 2010-2015	Homophily Class-Year Support-Network (T1)	0.89	0.72	1.20	38	.220
Tract Percent Minority Increase 2010-2015	Homophily Race Support-Network (T1)	-0.95	0.69	-1.40	37	.176
Tract Percent Minority Increase Or Decrease 2000-2010	Homophily Class-Year Support-Network (T1)	-0.52	0.27	-1.90	31	.067
Tract Percent Multicultural 2010	Homophily Age Support-Network (T1)	-2.05	1.22	-1.70	36	.102
Tract Percent Multicultural 2010	Homophily Class-Year Support-Network (T1)	-3.05	1.26	-2.40	36	.024
Tract Percent Multicultural 2010	Homophily Gender Support-Network (T1)	-2.84	1.05	-2.70	36	.012
Tract Percent Multicultural 2010	Homophily Group Support-Network (T1)	2.65	1.17	2.30	41	.028
Tract Percent Multicultural 2010	Homophily Native Lang. Support-Network (T1)	-2.23	1.24	-1.80	36	.083
Tract Percent Multicultural 2010	Homophily Race Support-Network (T1)	2.22	1.25	1.80	35	.091
Tract Percent Poverty 2000	Homophily Class-Year Support-Network (T1)	-0.00	0.00	-1.40	31	.183
Tract Percent Poverty 2000	Homophily Gender Support-Network (T1)	-0.00	0.00	-2.10	31	.042
Tract Percent Poverty 2000	Homophily Native Lang. Support-Network (T1)	-0.00	0.00	-1.80	31	.084
Tract Percent Poverty 2000	Homophily Race Support-Network (T1)	0.00	0.00	1.30	30	.206
Tract Percent Poverty 2010	Homophily Age Support-Network (T1)	1.21	0.82	1.50	31	.151
Tract Percent Poverty 2010	Homophily Dorm Support-Network (T1)	-0.68	0.41	-1.70	31	.105

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 104: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Diversity 2000	Homophily Class-Year Support-Network (T1)	-0.86	0.39	-2.20	38	.035
Tract Diversity 2010	Homophily Class-Year Support-Network (T1)	-0.92	0.45	-2.10	31	.048
Tract Education Total 2010	Homophily Gender Support-Network (T1)	-0.00	0.00	-2.20	31	.033
Tract Education Total 2010	Homophily Native Lang. Support-Network (T1)	-0.00	0.00	-2.10	31	.044
Tract Percent Multicultural 2010	Homophily Class-Year Support-Network (T1)	-3.05	1.26	-2.40	36	.024
Tract Percent Multicultural 2010	Homophily Gender Support-Network (T1)	-2.84	1.05	-2.70	36	.012
Tract Percent Multicultural 2010	Homophily Group Support-Network (T1)	2.65	1.17	2.30	41	.028
Tract Percent Poverty 2000	Homophily Gender Support-Network (T1)	-0.00	0.00	-2.10	31	.042

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 105: Tract Ecological Variables Predict Network Centrality Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Out-Degree Centrality Study-Network (T1)	0.00	0.00	0.77	92	.441
Tract Average Income 2000	Total Degree Centrality Study-Network (T1)	0.00	0.00	1.20	88	.261
Tract Average Income 2010	Total Degree Centrality Study-Network (T1)	0.00	0.00	1.40	74	.184
Tract Diversity 2000	Betweenness Centrality Study-Network (T1)	-2.73	1.16	-2.30	92	.021
Tract Diversity 2000	Closeness Centrality Study-Network (T1)	-0.00	0.00	-1.80	92	.081
Tract Diversity 2000	Out-Degree Centrality Study-Network (T1)	-0.89	0.51	-1.70	92	.086
Tract Diversity 2000	Total Degree Centrality Study-Network (T1)	-0.87	0.52	-1.80	89	.088
Tract Diversity 2010	Betweenness Centrality Study-Network (T1)	-2.93	1.42	-2.10	77	.042
Tract Diversity 2010	Closeness Centrality Study-Network (T1)	-0.00	0.00	-1.20	77	.250
Tract Diversity 2010	Out-Degree Centrality Study-Network (T1)	-0.83	0.57	-1.40	77	.150
Tract Diversity 2010	Total Degree Centrality Study-Network (T1)	-0.83	0.59	-1.60	75	.149
Tract Diversity 2015	Betweenness Centrality Study-Network (T1)	-1.02	0.98	-1.00	97	.303
Tract Diversity 2015	Total Degree Centrality Study-Network (T1)	-0.36	0.29	-1.20	92	.226
Tract Education Total 2010	Betweenness Centrality Study-Network (T1)	-0.00	0.00	-1.20	77	.220
Tract Education Total 2010	Closeness Centrality Study-Network (T1)	-0.00	0.00	-1.10	77	.276
Tract Education Total 2010	Eigenvector Centrality Study-Network (T1)	-0.00	0.00	-1.10	77	.283
Tract Education Total 2010	In-Degree Centrality Study-Network (T1)	-0.00	0.00	-0.85	77	.400
Tract Education Total 2010	Total Degree Centrality Study-Network (T1)	-0.00	0.00	-0.95	74	.347
Tract Families Percent Poor 2010	Betweenness Centrality Study-Network (T1)	-2.46	3.06	-0.81	93	.422
Tract Families Percent Poor 2010	Closeness Centrality Study-Network (T1)	-0.00	0.00	-1.40	93	.163
Tract Families Percent Poor 2010	Eigenvector Centrality Study-Network (T1)	-0.27	0.26	-1.00	93	.310
Tract Families Percent Poor 2010	In-Degree Centrality Study-Network (T1)	-1.21	1.21	-1.00	93	.321
Tract Families Percent Poor 2010	Out-Degree Centrality Study-Network (T1)	-1.96	1.32	-1.50	93	.140
Tract Families Percent Poor 2010	Total Degree Centrality Study-Network (T1)	-2.10	1.34	-1.70	90	.105
Tract Percent Change Minority 2000-2010	Betweenness Centrality Study-Network (T1)	0.39	0.48	0.82	77	.413
Tract Percent Change Minority 2000-2010	Closeness Centrality Study-Network (T1)	0.00	0.00	1.10	77	.257
Tract Percent Home Owners 2010	Betweenness Centrality Study-Network (T1)	1.01	0.84	1.20	97	.232
Tract Percent Home Renter 2010	Betweenness Centrality Study-Network (T1)	-1.01	0.84	-1.20	97	.232
Tract Percent Male 2010	In-Degree Centrality Study-Network (T1)	-1.24	1.31	-0.94	97	.349
Tract Percent Minority 2000	Betweenness Centrality Study-Network (T1)	-1.91	0.99	-1.90	92	.058
Tract Percent Minority 2000	Closeness Centrality Study-Network (T1)	-0.00	0.00	-1.30	92	.189
Tract Percent Minority 2000	Out-Degree Centrality Study-Network (T1)	-0.43	0.44	-0.99	92	.326
Tract Percent Minority 2000	Total Degree Centrality Study-Network (T1)	-0.54	0.44	-1.40	89	.199
Tract Percent Minority 2010	Betweenness Centrality Study-Network (T1)	-1.59	1.02	-1.50	87	.140
Tract Percent Minority 2010	Closeness Centrality Study-Network (T1)	-0.00	0.00	-0.85	77	.397
Tract Percent Minority 2010	Out-Degree Centrality Study-Network (T1)	-0.39	0.40	-0.97	97	.333
Tract Percent Minority 2010	Total Degree Centrality Study-Network (T1)	-0.43	0.29	-1.50	83	.150
Tract Percent Minority 2015	Betweenness Centrality Study-Network (T1)	-1.18	0.90	-1.30	97	.192
Tract Percent Minority 2015	Out-Degree Centrality Study-Network (T1)	-0.39	0.40	-0.97	97	.333
Tract Percent Minority 2015	Total Degree Centrality Study-Network (T1)	-0.46	0.26	-1.80	92	.081
Tract Percent Minority Increase Or Decrease 2000-2010	Eigenvector Centrality Study-Network (T1)	-0.10	0.07	-1.50	77	.148
Tract Percent Minority Increase Or Decrease 2000-2010	In-Degree Centrality Study-Network (T1)	-0.35	0.34	-1.00	77	.308
Tract Percent Minority Increase Or Decrease 2000-2010	Total Degree Centrality Study-Network (T1)	0.28	0.26	1.10	74	.280
Tract Percent Multicultural 2010	Betweenness Centrality Study-Network (T1)	-6.95	5.85	-1.20	89	.243
Tract Percent Multicultural 2010	Closeness Centrality Study-Network (T1)	-0.00	0.00	-1.20	89	.239
Tract Percent Multicultural 2010	Eigenvector Centrality Study-Network (T1)	-0.41	0.51	-0.80	94	.424
Tract Percent Multicultural 2010	Total Degree Centrality Study-Network (T1)	-2.45	1.63	-1.50	84	.141
Tract Percent Poverty 2000	Betweenness Centrality Study-Network (T1)	-0.00	0.00	-1.10	77	.274
Tract Percent Poverty 2000	Closeness Centrality Study-Network (T1)	-0.00	0.00	-1.20	77	.250
Tract Percent Poverty 2000	Eigenvector Centrality Study-Network (T1)	-0.00	0.00	-1.10	77	.273
Tract Percent Poverty 2000	In-Degree Centrality Study-Network (T1)	-0.00	0.00	-0.95	77	.345
Tract Percent Poverty 2000	Out-Degree Centrality Study-Network (T1)	-0.00	0.00	-0.80	77	.426
Tract Percent Poverty 2000	Total Degree Centrality Study-Network (T1)	-0.00	0.00	-1.10	75	.288
Tract Percent Poverty 2010	Out-Degree Centrality Study-Network (T1)	1.45	1.04	1.40	77	.166
Tract Percent Poverty 2010	Total Degree Centrality Study-Network (T1)	1.06	1.09	0.90	75	.379

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 106: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Diversity 2000	Betweenness Centrality Study-Network (T1)	-2.73	1.16	-2.30	92	.021
Tract Diversity 2010	Betweenness Centrality Study-Network (T1)	-2.93	1.42	-2.10	77	.042

* Residualized change multiple regressions:
 controlling for age, race (minority/non-minority),
 and prior phases of the dependent variable

Table 107: Tract Ecological Variables Predict Network Centrality Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Betweenness Centrality Friend-Network (T1)	0.00	0.00	1.20	92	.236
Tract Average Income 2000	Eigenvector Centrality Friend-Network (T1)	0.00	0.00	0.95	92	.345
Tract Average Income 2000	Total Degree Centrality Friend-Network (T1)	0.00	0.00	0.87	80	.387
Tract Average Income 2010	Betweenness Centrality Friend-Network (T1)	-0.00	0.00	-0.99	77	.324
Tract Average Income 2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-1.20	77	.247
Tract Average Income 2010	Total Degree Centrality Friend-Network (T1)	0.00	0.00	1.10	67	.273
Tract Diversity 2000	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.00	92	.308
Tract Diversity 2000	In-Degree Centrality Friend-Network (T1)	-0.82	0.70	-1.20	92	.242
Tract Diversity 2000	Total Degree Centrality Friend-Network (T1)	-0.94	0.84	-1.10	80	.266
Tract Diversity 2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.00	77	.308
Tract Diversity 2010	Total Degree Centrality Friend-Network (T1)	-1.32	0.86	-1.50	67	.131
Tract Diversity 2015	Betweenness Centrality Friend-Network (T1)	175.87	55.79	3.20	97	.002
Tract Diversity 2015	Closeness Centrality Friend-Network (T1)	0.00	0.00	2.40	97	.016
Tract Diversity 2015	Out-Degree Centrality Friend-Network (T1)	1.41	0.72	2.00	93	.053
Tract Diversity 2015	Total Degree Centrality Friend-Network (T1)	1.36	0.89	1.50	91	.167
Tract Education Total 2010	Betweenness Centrality Friend-Network (T1)	0.02	0.01	1.30	77	.187
Tract Education Total 2010	Eigenvector Centrality Friend-Network (T1)	-0.00	0.00	-1.30	77	.197
Tract Education Total 2010	In-Degree Centrality Friend-Network (T1)	-0.00	0.00	-1.00	77	.304
Tract Education Total 2010	Total Degree Centrality Friend-Network (T1)	-0.00	0.00	-1.50	67	.145
Tract Families Percent Poor 2010	Eigenvector Centrality Friend-Network (T1)	-0.27	0.27	-1.00	93	.307
Tract Families Percent Poor 2010	In-Degree Centrality Friend-Network (T1)	-2.21	1.79	-1.20	93	.220
Tract Families Percent Poor 2010	Out-Degree Centrality Friend-Network (T1)	-2.34	2.21	-1.10	93	.292
Tract Families Percent Poor 2010	Total Degree Centrality Friend-Network (T1)	-2.84	2.67	-1.00	89	.318
Tract Percent Change Minority 2000-2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-1.10	77	.283
Tract Percent Change Minority 2000-2010	Total Degree Centrality Friend-Network (T1)	0.27	0.29	0.91	72	.367
Tract Percent Female 2010	Betweenness Centrality Friend-Network (T1)	-665.72	158.77	-4.20	97	.0000000
Tract Percent Female 2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-1.20	97	.239
Tract Percent Female 2010	In-Degree Centrality Friend-Network (T1)	-3.32	1.71	-2.00	93	.055
Tract Percent Female 2010	Out-Degree Centrality Friend-Network (T1)	-6.42	2.03	-3.20	93	.002
Tract Percent Female 2010	Total Degree Centrality Friend-Network (T1)	-7.53	2.58	-3.00	91	.008
Tract Percent Home Owners 2010	In-Degree Centrality Friend-Network (T1)	0.79	0.51	1.60	93	.122
Tract Percent Home Owners 2010	Out-Degree Centrality Friend-Network (T1)	0.52	0.63	0.83	93	.411
Tract Percent Home Owners 2010	Total Degree Centrality Friend-Network (T1)	1.32	1.04	1.30	93	.208
Tract Percent Home Renter 2010	In-Degree Centrality Friend-Network (T1)	-0.79	0.51	-1.60	93	.122
Tract Percent Home Renter 2010	Out-Degree Centrality Friend-Network (T1)	-0.52	0.63	-0.83	93	.411
Tract Percent Home Renter 2010	Total Degree Centrality Friend-Network (T1)	-1.32	1.04	-1.30	93	.208
Tract Percent Male 2010	Betweenness Centrality Friend-Network (T1)	-651.42	183.52	-3.60	97	.001
Tract Percent Male 2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-2.00	97	.046
Tract Percent Male 2010	In-Degree Centrality Friend-Network (T1)	-3.53	1.95	-1.80	93	.073
Tract Percent Male 2010	Out-Degree Centrality Friend-Network (T1)	-7.50	2.31	-3.20	93	.002
Tract Percent Male 2010	Total Degree Centrality Friend-Network (T1)	-8.64	2.93	-3.00	91	.007
Tract Percent Minority 2000	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.50	92	.128
Tract Percent Minority 2010	Betweenness Centrality Friend-Network (T1)	96.16	52.94	1.80	97	.072
Tract Percent Minority 2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.80	87	.084
Tract Percent Minority 2010	Out-Degree Centrality Friend-Network (T1)	0.76	0.68	1.10	93	.262
Tract Percent Minority 2010	Total Degree Centrality Friend-Network (T1)	0.34	0.83	0.33	86	.358
Tract Percent Minority 2015	Betweenness Centrality Friend-Network (T1)	96.16	52.94	1.80	97	.072
Tract Percent Minority 2015	Closeness Centrality Friend-Network (T1)	0.00	0.00	2.00	97	.044
Tract Percent Minority 2015	Out-Degree Centrality Friend-Network (T1)	0.76	0.68	1.10	93	.262
Tract Percent Minority 2015	Total Degree Centrality Friend-Network (T1)	0.82	0.90	0.94	95	.353
Tract Percent Minority Increase 2010-2015	Betweenness Centrality Friend-Network (T1)	475.01	112.29	4.20	92	.0000000
Tract Percent Minority Increase 2010-2015	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.80	92	.070
Tract Percent Minority Increase 2010-2015	In-Degree Centrality Friend-Network (T1)	2.46	1.19	2.10	92	.042
Tract Percent Minority Increase 2010-2015	Out-Degree Centrality Friend-Network (T1)	4.37	1.43	3.00	92	.003
Tract Percent Minority Increase 2010-2015	Total Degree Centrality Friend-Network (T1)	5.45	1.82	3.00	88	.004
Tract Percent Minority Increase Or Decrease 2000-2010	Eigenvector Centrality Friend-Network (T1)	-0.10	0.07	-1.50	77	.147
Tract Percent Minority Increase Or Decrease 2000-2010	Total Degree Centrality Friend-Network (T1)	-0.46	0.57	-0.82	67	.418
Tract Percent Multicultural 2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-0.86	89	.393
Tract Percent Multicultural 2010	Eigenvector Centrality Friend-Network (T1)	-0.43	0.52	-0.83	94	.406
Tract Percent Multicultural 2010	In-Degree Centrality Friend-Network (T1)	-3.47	3.32	-1.00	87	.315
Tract Percent Multicultural 2010	Out-Degree Centrality Friend-Network (T1)	-4.40	4.11	-1.10	87	.299
Tract Percent Multicultural 2010	Total Degree Centrality Friend-Network (T1)	-5.49	4.89	-1.10	84	.279
Tract Percent Poverty 2000	Betweenness Centrality Friend-Network (T1)	0.01	0.01	1.30	77	.195
Tract Percent Poverty 2000	Eigenvector Centrality Friend-Network (T1)	-0.00	0.00	-1.30	77	.205
Tract Percent Poverty 2000	In-Degree Centrality Friend-Network (T1)	-0.00	0.00	-1.00	77	.312
Tract Percent Poverty 2000	Total Degree Centrality Friend-Network (T1)	-0.00	0.00	-1.30	67	.191
Tract Percent Poverty 2010	Total Degree Centrality Friend-Network (T1)	2.40	1.58	1.50	67	.134

* Residualized change multiple regressions:
 controlling for age, race (minority/non-minority),
 and prior phases of the dependent variable

Table 108: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Diversity 2015	Betweenness Centrality Friend-Network (T1)	175.87	55.79	3.20	97	.002
Tract Diversity 2015	Closeness Centrality Friend-Network (T1)	0.00	0.00	2.40	97	.016
Tract Percent Female 2010	Betweenness Centrality Friend-Network (T1)	-665.72	158.77	-4.20	97	.0000000
Tract Percent Female 2010	Out-Degree Centrality Friend-Network (T1)	-6.42	2.03	-3.20	93	.002
Tract Percent Female 2010	Total Degree Centrality Friend-Network (T1)	-7.53	2.58	-3.00	91	.008
Tract Percent Male 2010	Betweenness Centrality Friend-Network (T1)	-651.42	183.52	-3.60	97	.001
Tract Percent Male 2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-2.00	97	.046
Tract Percent Male 2010	Out-Degree Centrality Friend-Network (T1)	-7.50	2.31	-3.20	93	.002
Tract Percent Male 2010	Total Degree Centrality Friend-Network (T1)	-8.64	2.93	-3.00	91	.007
Tract Percent Minority 2015	Closeness Centrality Friend-Network (T1)	0.00	0.00	2.00	97	.044
Tract Percent Minority Increase 2010-2015	Betweenness Centrality Friend-Network (T1)	475.01	112.29	4.20	92	.0000000
Tract Percent Minority Increase 2010-2015	In-Degree Centrality Friend-Network (T1)	2.46	1.19	2.10	92	.042
Tract Percent Minority Increase 2010-2015	Out-Degree Centrality Friend-Network (T1)	4.37	1.43	3.00	92	.003
Tract Percent Minority Increase 2010-2015	Total Degree Centrality Friend-Network (T1)	5.45	1.82	3.00	88	.004

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 109: Tract Ecological Variables Predict Network Centrality Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Betweenness Centrality Support-Network (T1)	-0.00	0.00	-1.30	92	.203
Tract Average Income 2000	In-Degree Centrality Support-Network (T1)	0.00	0.00	1.10	92	.294
Tract Average Income 2000	Out-Degree Centrality Support-Network (T1)	-0.00	0.00	-1.30	92	.212
Tract Average Income 2000	Total Degree Centrality Support-Network (T1)	-0.00	0.00	-1.20	87	.256
Tract Average Income 2010	In-Degree Centrality Support-Network (T1)	0.00	0.00	0.93	77	.353
Tract Average Income 2010	Out-Degree Centrality Support-Network (T1)	-0.00	0.00	-1.50	77	.132
Tract Average Income 2010	Total Degree Centrality Support-Network (T1)	-0.00	0.00	-1.30	72	.212
Tract Diversity 2000	Betweenness Centrality Support-Network (T1)	-2.08	1.53	-1.40	92	.177
Tract Diversity 2000	Closeness Centrality Support-Network (T1)	-0.00	0.00	-1.20	92	.230
Tract Diversity 2000	In-Degree Centrality Support-Network (T1)	-0.39	0.45	-0.85	92	.398
Tract Diversity 2010	Betweenness Centrality Support-Network (T1)	-2.82	1.88	-1.50	77	.137
Tract Diversity 2010	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.96	77	.342
Tract Diversity 2015	Total Degree Centrality Support-Network (T1)	0.55	0.48	1.20	84	.255
Tract Education Total 2010	Betweenness Centrality Support-Network (T1)	-0.00	0.00	-1.60	77	.110
Tract Education Total 2010	Closeness Centrality Support-Network (T1)	-0.00	0.00	-1.70	77	.096
Tract Education Total 2010	Eigenvector Centrality Support-Network (T1)	-0.00	0.00	-1.10	77	.285
Tract Education Total 2010	In-Degree Centrality Support-Network (T1)	-0.00	0.00	-1.10	77	.268
Tract Education Total 2010	Out-Degree Centrality Support-Network (T1)	-0.00	0.00	-1.60	77	.115
Tract Education Total 2010	Total Degree Centrality Support-Network (T1)	-0.00	0.00	-1.50	74	.127
Tract Families Percent Poor 2010	Closeness Centrality Support-Network (T1)	-0.00	0.00	-1.40	93	.158
Tract Families Percent Poor 2010	Eigenvector Centrality Support-Network (T1)	-0.25	0.26	-0.94	93	.348
Tract Families Percent Poor 2010	In-Degree Centrality Support-Network (T1)	-1.92	1.16	-1.70	93	.101
Tract Families Percent Poor 2010	Total Degree Centrality Support-Network (T1)	-2.50	2.31	-1.10	93	.283
Tract Percent Change Minority 2000-2010	Out-Degree Centrality Support-Network (T1)	-0.16	0.19	-0.82	77	.413
Tract Percent Change Minority 2000-2010	Total Degree Centrality Support-Network (T1)	-0.18	0.20	-0.89	72	.378
Tract Percent Female 2010	Eigenvector Centrality Support-Network (T1)	0.19	0.25	0.76	97	.450
Tract Percent Home Owners 2010	Closeness Centrality Support-Network (T1)	0.00	0.00	0.82	97	.417
Tract Percent Home Renter 2010	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.82	97	.417
Tract Percent Male 2010	In-Degree Centrality Support-Network (T1)	-1.06	1.26	-0.85	97	.400
Tract Percent Male 2010	Out-Degree Centrality Support-Network (T1)	-1.97	1.47	-1.30	97	.184
Tract Percent Male 2010	Total Degree Centrality Support-Network (T1)	-2.90	1.89	-1.60	93	.148
Tract Percent Minority 2000	Betweenness Centrality Support-Network (T1)	-1.17	1.30	-0.90	92	.373
Tract Percent Minority 2000	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.81	92	.419
Tract Percent Minority 2010	Betweenness Centrality Support-Network (T1)	-1.54	1.52	-1.00	77	.316
Tract Percent Minority 2010	Total Degree Centrality Support-Network (T1)	0.40	0.43	0.93	84	.353
Tract Percent Minority 2015	Total Degree Centrality Support-Network (T1)	0.40	0.43	0.93	84	.353
Tract Percent Minority Increase 2000-2010	Out-Degree Centrality Support-Network (T1)	-1.55	1.58	-0.98	77	.331
Tract Percent Minority Increase 2000-2010	Total Degree Centrality Support-Network (T1)	-1.80	1.99	-0.93	74	.358
Tract Percent Minority Increase 2010-2015	Total Degree Centrality Support-Network (T1)	1.34	1.11	1.20	80	.233
Tract Percent Minority Increase Or Decrease 2000-2010	Eigenvector Centrality Support-Network (T1)	-0.09	0.07	-1.30	77	.206
Tract Percent Minority Increase Or Decrease 2000-2010	In-Degree Centrality Support-Network (T1)	-0.30	0.32	-0.96	77	.339
Tract Percent Minority Increase Or Decrease 2000-2010	Out-Degree Centrality Support-Network (T1)	-0.29	0.38	-0.78	77	.439
Tract Percent Minority Increase Or Decrease 2000-2010	Total Degree Centrality Support-Network (T1)	-0.41	0.48	-0.85	74	.397
Tract Percent Multicultural 2010	Betweenness Centrality Support-Network (T1)	-7.95	7.59	-1.00	89	.300
Tract Percent Multicultural 2010	Closeness Centrality Support-Network (T1)	-0.00	0.00	-1.10	89	.270
Tract Percent Multicultural 2010	Eigenvector Centrality Support-Network (T1)	-0.41	0.50	-0.81	94	.421
Tract Percent Poverty 2000	Betweenness Centrality Support-Network (T1)	-0.00	0.00	-1.60	77	.116
Tract Percent Poverty 2000	Closeness Centrality Support-Network (T1)	-0.00	0.00	-1.70	77	.100
Tract Percent Poverty 2000	Eigenvector Centrality Support-Network (T1)	-0.00	0.00	-1.10	77	.270
Tract Percent Poverty 2000	In-Degree Centrality Support-Network (T1)	-0.00	0.00	-1.10	77	.291
Tract Percent Poverty 2000	Out-Degree Centrality Support-Network (T1)	-0.00	0.00	-1.80	77	.081
Tract Percent Poverty 2000	Total Degree Centrality Support-Network (T1)	-0.00	0.00	-1.70	74	.102
Tract Percent Poverty 2010	In-Degree Centrality Support-Network (T1)	0.92	0.89	1.00	77	.305
Tract Percent Poverty 2010	Out-Degree Centrality Support-Network (T1)	1.12	1.06	1.10	77	.293
Tract Percent Poverty 2010	Total Degree Centrality Support-Network (T1)	1.54	1.33	1.20	74	.254

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 110: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
* Residualized change multiple regressions: controlling for age, race (minority/non-minority), and prior phases of the dependent variable						

Table 111: Tract Ecological Variables Predict Alter Weight and Reciprocity Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Alter Weight Study-Network (T1)	0.00	0.00	0.56	88	.592
Tract Average Income 2000	Tie Reciprocity Study-Network (T1)	0.00	0.00	1.10	86	.385
Tract Average Income 2000	Total Tie Reciprocity Study-Network (T1)	0.00	0.00	0.96	80	.373
Tract Average Income 2010	Alter Weight Study-Network (T1)	0.00	0.00	0.55	74	.597
Tract Average Income 2010	Tie Reciprocity Study-Network (T1)	0.00	0.00	2.50	72	.017
Tract Average Income 2010	Total Tie Reciprocity Study-Network (T1)	0.00	0.00	2.40	66	.023
Tract Diversity 2000	Alter Weight Study-Network (T1)	-0.18	0.15	-1.20	88	.228
Tract Diversity 2000	Tie Reciprocity Study-Network (T1)	-0.06	0.09	-0.69	86	.491
Tract Diversity 2000	Total Tie Reciprocity Study-Network (T1)	-0.06	0.11	-0.54	80	.594
Tract Diversity 2010	Alter Weight Study-Network (T1)	-0.17	0.16	-1.00	74	.306
Tract Diversity 2010	Tie Reciprocity Study-Network (T1)	-0.07	0.10	-0.72	72	.476
Tract Diversity 2010	Total Tie Reciprocity Study-Network (T1)	-0.08	0.11	-0.71	66	.478
Tract Diversity 2015	Alter Weight Study-Network (T1)	-0.06	0.13	-0.48	92	.633
Tract Diversity 2015	Tie Reciprocity Study-Network (T1)	-0.08	0.07	-1.00	90	.301
Tract Diversity 2015	Total Tie Reciprocity Study-Network (T1)	-0.09	0.09	-0.94	84	.350
Tract Education Total 2010	Alter Weight Study-Network (T1)	-0.00	0.00	-0.49	74	.626
Tract Education Total 2010	Tie Reciprocity Study-Network (T1)	-0.00	0.00	-1.60	72	.119
Tract Education Total 2010	Total Tie Reciprocity Study-Network (T1)	-0.00	0.00	-1.60	66	.117
Tract Families Percent Poor 2010	Alter Weight Study-Network (T1)	-0.49	0.37	-1.30	88	.186
Tract Families Percent Poor 2010	Tie Reciprocity Study-Network (T1)	-0.09	0.23	-0.38	86	.706
Tract Families Percent Poor 2010	Total Tie Reciprocity Study-Network (T1)	-0.02	0.27	-0.07	80	.942
Tract Percent Change Minority 2000-2010	Alter Weight Study-Network (T1)	0.01	0.05	0.22	74	.823
Tract Percent Change Minority 2000-2010	Tie Reciprocity Study-Network (T1)	-0.00	0.03	-0.04	72	.967
Tract Percent Change Minority 2000-2010	Total Tie Reciprocity Study-Network (T1)	-0.00	0.03	-0.11	66	.915
Tract Percent Female 2010	Alter Weight Study-Network (T1)	0.04	0.39	0.11	92	.910
Tract Percent Female 2010	Tie Reciprocity Study-Network (T1)	0.17	0.22	0.77	90	.442
Tract Percent Female 2010	Total Tie Reciprocity Study-Network (T1)	0.08	0.28	0.31	84	.758
Tract Percent Home Owners 2010	Alter Weight Study-Network (T1)	0.02	0.11	0.23	92	.816
Tract Percent Home Owners 2010	Tie Reciprocity Study-Network (T1)	-0.03	0.06	-0.53	90	.600
Tract Percent Home Owners 2010	Total Tie Reciprocity Study-Network (T1)	-0.06	0.08	-0.81	84	.421
Tract Percent Home Renter 2010	Alter Weight Study-Network (T1)	-0.02	0.11	-0.23	92	.816
Tract Percent Home Renter 2010	Tie Reciprocity Study-Network (T1)	0.03	0.06	0.53	90	.600
Tract Percent Home Renter 2010	Total Tie Reciprocity Study-Network (T1)	0.06	0.08	0.81	84	.421
Tract Percent Male 2010	Alter Weight Study-Network (T1)	-0.10	0.44	-0.22	92	.831
Tract Percent Male 2010	Tie Reciprocity Study-Network (T1)	0.22	0.25	0.86	90	.393
Tract Percent Male 2010	Total Tie Reciprocity Study-Network (T1)	0.41	0.31	1.30	84	.189
Tract Percent Minority 2000	Alter Weight Study-Network (T1)	-0.08	0.12	-0.62	88	.541
Tract Percent Minority 2000	Tie Reciprocity Study-Network (T1)	-0.03	0.07	-0.44	86	.663
Tract Percent Minority 2000	Total Tie Reciprocity Study-Network (T1)	-0.04	0.09	-0.47	80	.642
Tract Percent Minority 2010	Alter Weight Study-Network (T1)	-0.07	0.12	-0.62	83	.546
Tract Percent Minority 2010	Tie Reciprocity Study-Network (T1)	-0.04	0.07	-0.60	81	.565
Tract Percent Minority 2010	Total Tie Reciprocity Study-Network (T1)	-0.05	0.09	-0.59	75	.574
Tract Percent Minority 2015	Alter Weight Study-Network (T1)	-0.08	0.11	-0.73	92	.471
Tract Percent Minority 2015	Tie Reciprocity Study-Network (T1)	-0.06	0.07	-0.84	90	.405
Tract Percent Minority 2015	Total Tie Reciprocity Study-Network (T1)	-0.07	0.08	-0.87	84	.386
Tract Percent Minority Increase 2000-2010	Alter Weight Study-Network (T1)	-0.34	0.44	-0.77	74	.445
Tract Percent Minority Increase 2000-2010	Tie Reciprocity Study-Network (T1)	-0.04	0.27	-0.13	72	.894
Tract Percent Minority Increase 2000-2010	Total Tie Reciprocity Study-Network (T1)	-0.05	0.29	-0.17	66	.865
Tract Percent Minority Increase 2010-2015	Alter Weight Study-Network (T1)	-0.03	0.28	-0.10	88	.920
Tract Percent Minority Increase 2010-2015	Tie Reciprocity Study-Network (T1)	-0.14	0.16	-0.89	86	.377
Tract Percent Minority Increase 2010-2015	Total Tie Reciprocity Study-Network (T1)	-0.17	0.20	-0.86	80	.395
Tract Percent Minority Increase Or Decrease 2000-2010	Alter Weight Study-Network (T1)	-0.00	0.11	-0.04	74	.969
Tract Percent Minority Increase Or Decrease 2000-2010	Tie Reciprocity Study-Network (T1)	-0.06	0.07	-0.82	72	.414
Tract Percent Minority Increase Or Decrease 2000-2010	Total Tie Reciprocity Study-Network (T1)	-0.05	0.07	-0.72	66	.476
Tract Percent Multicultural 2010	Alter Weight Study-Network (T1)	0.37	0.70	0.54	84	.597
Tract Percent Multicultural 2010	Tie Reciprocity Study-Network (T1)	-0.19	0.41	-0.46	82	.650
Tract Percent Multicultural 2010	Total Tie Reciprocity Study-Network (T1)	-0.20	0.62	-0.31	77	.757
Tract Percent Poverty 2000	Alter Weight Study-Network (T1)	-0.00	0.00	-0.63	74	.529
Tract Percent Poverty 2000	Tie Reciprocity Study-Network (T1)	-0.00	0.00	-1.30	72	.183
Tract Percent Poverty 2000	Total Tie Reciprocity Study-Network (T1)	-0.00	0.00	-1.30	66	.189
Tract Percent Poverty 2010	Alter Weight Study-Network (T1)	0.54	0.29	1.80	74	.071
Tract Percent Poverty 2010	Tie Reciprocity Study-Network (T1)	0.20	0.19	1.10	72	.291
Tract Percent Poverty 2010	Total Tie Reciprocity Study-Network (T1)	0.25	0.21	1.20	66	.234

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 112: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2010	Tie Reciprocity Study-Network (T1)	0.00	0.00	2.50	72	.017
Tract Average Income 2010	Total Tie Reciprocity Study-Network (T1)	0.00	0.00	2.40	66	.023

* Residualized change multiple regressions:
 controlling for age, race (minority/non-minority),
 and prior phases of the dependent variable

Table 113: Tract Ecological Variables Predict Alter Weight and Reciprocity Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Alter Weight Friend-Network (T1)	0.00	0.00	0.74	88	.495
Tract Average Income 2000	Tie Reciprocity Friend-Network (T1)	0.00	0.00	-0.04	56	.770
Tract Average Income 2000	Total Tie Reciprocity Friend-Network (T1)	-0.00	0.00	-0.92	50	.376
Tract Average Income 2010	Alter Weight Friend-Network (T1)	0.00	0.00	0.95	74	.379
Tract Average Income 2010	Tie Reciprocity Friend-Network (T1)	0.00	0.00	0.90	48	.398
Tract Average Income 2010	Total Tie Reciprocity Friend-Network (T1)	-0.00	0.00	-0.00	42	.883
Tract Diversity 2000	Alter Weight Friend-Network (T1)	-0.18	0.27	-0.67	88	.512
Tract Diversity 2000	Tie Reciprocity Friend-Network (T1)	-0.26	0.29	-0.93	56	.360
Tract Diversity 2000	Total Tie Reciprocity Friend-Network (T1)	0.13	0.28	0.46	50	.657
Tract Diversity 2010	Alter Weight Friend-Network (T1)	-0.26	0.30	-0.88	74	.467
Tract Diversity 2010	Tie Reciprocity Friend-Network (T1)	-0.26	0.34	-0.79	48	.443
Tract Diversity 2010	Total Tie Reciprocity Friend-Network (T1)	0.03	0.34	0.07	42	.885
Tract Diversity 2015	Alter Weight Friend-Network (T1)	0.27	0.24	1.20	92	.305
Tract Diversity 2015	Tie Reciprocity Friend-Network (T1)	-0.25	0.24	-1.10	57	.287
Tract Diversity 2015	Total Tie Reciprocity Friend-Network (T1)	-0.05	0.22	-0.21	52	.832
Tract Education Total 2010	Alter Weight Friend-Network (T1)	-0.00	0.00	-0.90	74	.405
Tract Education Total 2010	Tie Reciprocity Friend-Network (T1)	-0.00	0.00	-1.60	48	.127
Tract Education Total 2010	Total Tie Reciprocity Friend-Network (T1)	-0.00	0.00	-1.60	42	.114
Tract Families Percent Poor 2010	Alter Weight Friend-Network (T1)	-0.67	0.69	-0.97	88	.334
Tract Families Percent Poor 2010	Tie Reciprocity Friend-Network (T1)	-1.07	0.85	-1.30	56	.218
Tract Families Percent Poor 2010	Total Tie Reciprocity Friend-Network (T1)	0.13	1.08	0.11	50	.910
Tract Percent Change Minority 2000-2010	Alter Weight Friend-Network (T1)	-0.06	0.10	-0.59	74	.561
Tract Percent Change Minority 2000-2010	Tie Reciprocity Friend-Network (T1)	-0.10	0.10	-1.00	48	.309
Tract Percent Change Minority 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-0.19	0.09	-2.10	42	.038
Tract Percent Female 2010	Alter Weight Friend-Network (T1)	-1.48	0.71	-2.10	92	.066
Tract Percent Female 2010	Tie Reciprocity Friend-Network (T1)	0.40	0.68	0.61	57	.548
Tract Percent Female 2010	Total Tie Reciprocity Friend-Network (T1)	0.24	0.62	0.38	52	.708
Tract Percent Home Owners 2010	Alter Weight Friend-Network (T1)	-0.03	0.20	-0.14	92	.768
Tract Percent Home Owners 2010	Tie Reciprocity Friend-Network (T1)	0.28	0.20	1.40	57	.175
Tract Percent Home Owners 2010	Total Tie Reciprocity Friend-Network (T1)	0.03	0.21	0.14	52	.887
Tract Percent Home Renter 2010	Alter Weight Friend-Network (T1)	0.03	0.20	0.14	92	.768
Tract Percent Home Renter 2010	Tie Reciprocity Friend-Network (T1)	-0.28	0.20	-1.40	57	.175
Tract Percent Home Renter 2010	Total Tie Reciprocity Friend-Network (T1)	-0.03	0.21	-0.14	52	.887
Tract Percent Male 2010	Alter Weight Friend-Network (T1)	-2.03	0.79	-2.60	92	.024
Tract Percent Male 2010	Tie Reciprocity Friend-Network (T1)	0.53	0.79	0.68	57	.501
Tract Percent Male 2010	Total Tie Reciprocity Friend-Network (T1)	0.22	0.73	0.29	52	.772
Tract Percent Minority 2000	Alter Weight Friend-Network (T1)	-0.02	0.23	-0.08	88	.933
Tract Percent Minority 2000	Tie Reciprocity Friend-Network (T1)	-0.35	0.22	-1.60	56	.126
Tract Percent Minority 2000	Total Tie Reciprocity Friend-Network (T1)	0.21	0.24	0.86	50	.406
Tract Percent Minority 2010	Alter Weight Friend-Network (T1)	0.07	0.22	0.32	83	.604
Tract Percent Minority 2010	Tie Reciprocity Friend-Network (T1)	-0.32	0.23	-1.40	52	.174
Tract Percent Minority 2010	Total Tie Reciprocity Friend-Network (T1)	0.11	0.24	0.48	47	.639
Tract Percent Minority 2015	Alter Weight Friend-Network (T1)	0.16	0.21	0.74	92	.475
Tract Percent Minority 2015	Tie Reciprocity Friend-Network (T1)	-0.34	0.21	-1.60	57	.109
Tract Percent Minority 2015	Total Tie Reciprocity Friend-Network (T1)	0.10	0.21	0.45	52	.657
Tract Percent Minority Increase 2000-2010	Alter Weight Friend-Network (T1)	-0.90	0.79	-1.20	74	.323
Tract Percent Minority Increase 2000-2010	Tie Reciprocity Friend-Network (T1)	0.43	0.79	0.53	48	.611
Tract Percent Minority Increase 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-1.55	0.87	-1.80	42	.082
Tract Percent Minority Increase 2010-2015	Alter Weight Friend-Network (T1)	1.14	0.50	2.30	88	.038
Tract Percent Minority Increase 2010-2015	Tie Reciprocity Friend-Network (T1)	-0.51	0.48	-1.10	56	.288
Tract Percent Minority Increase 2010-2015	Total Tie Reciprocity Friend-Network (T1)	-0.36	0.45	-0.77	50	.451
Tract Percent Minority Increase Or Decrease 2000-2010	Alter Weight Friend-Network (T1)	-0.19	0.19	-1.00	74	.328
Tract Percent Minority Increase Or Decrease 2000-2010	Tie Reciprocity Friend-Network (T1)	0.20	0.21	0.98	48	.332
Tract Percent Minority Increase Or Decrease 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-0.24	0.24	-0.99	42	.327
Tract Percent Multicultural 2010	Alter Weight Friend-Network (T1)	-0.69	1.28	-0.53	84	.604
Tract Percent Multicultural 2010	Tie Reciprocity Friend-Network (T1)	0.60	1.17	0.52	53	.607
Tract Percent Multicultural 2010	Total Tie Reciprocity Friend-Network (T1)	0.45	1.08	0.42	48	.679
Tract Percent Poverty 2000	Alter Weight Friend-Network (T1)	-0.00	0.00	-0.76	74	.491
Tract Percent Poverty 2000	Tie Reciprocity Friend-Network (T1)	-0.00	0.00	-1.40	48	.176
Tract Percent Poverty 2000	Total Tie Reciprocity Friend-Network (T1)	-0.00	0.00	-1.70	42	.106
Tract Percent Poverty 2010	Alter Weight Friend-Network (T1)	0.70	0.53	1.30	74	.250
Tract Percent Poverty 2010	Tie Reciprocity Friend-Network (T1)	-0.41	0.68	-0.61	48	.543
Tract Percent Poverty 2010	Total Tie Reciprocity Friend-Network (T1)	0.46	0.72	0.64	42	.528

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 114: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Percent Change Minority 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-0.19	0.09	-2.10	42	.038
Tract Percent Male 2010	Alter Weight Friend-Network (T1)	-2.03	0.79	-2.60	92	.024
Tract Percent Minority Increase 2010-2015	Alter Weight Friend-Network (T1)	1.14	0.50	2.30	88	.038

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 115: Tract Ecological Variables Predict Alter Weight and Reciprocity Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2000	Alter Weight Support-Network (T1)	-0.00	0.00	-0.82	88	.422
Tract Average Income 2000	Tie Reciprocity Support-Network (T1)	0.00	0.00	2.10	41	.064
Tract Average Income 2000	Total Tie Reciprocity Support-Network (T1)	0.00	0.00	0.71	36	.499
Tract Average Income 2010	Alter Weight Support-Network (T1)	-0.00	0.00	-0.94	74	.365
Tract Average Income 2010	Tie Reciprocity Support-Network (T1)	0.00	0.00	3.00	34	.005
Tract Average Income 2010	Total Tie Reciprocity Support-Network (T1)	0.00	0.00	0.93	30	.371
Tract Diversity 2000	Alter Weight Support-Network (T1)	-0.00	0.21	-0.01	88	.888
Tract Diversity 2000	Tie Reciprocity Support-Network (T1)	-0.35	0.36	-0.97	41	.352
Tract Diversity 2000	Total Tie Reciprocity Support-Network (T1)	-0.29	0.38	-0.77	36	.460
Tract Diversity 2010	Alter Weight Support-Network (T1)	0.02	0.24	0.11	74	.858
Tract Diversity 2010	Tie Reciprocity Support-Network (T1)	-0.34	0.40	-0.85	34	.403
Tract Diversity 2010	Total Tie Reciprocity Support-Network (T1)	-0.32	0.42	-0.76	30	.455
Tract Diversity 2015	Alter Weight Support-Network (T1)	0.08	0.18	0.45	92	.660
Tract Diversity 2015	Tie Reciprocity Support-Network (T1)	-0.13	0.30	-0.45	42	.657
Tract Diversity 2015	Total Tie Reciprocity Support-Network (T1)	-0.05	0.30	-0.18	38	.858
Tract Education Total 2010	Alter Weight Support-Network (T1)	-0.00	0.00	-1.20	74	.236
Tract Education Total 2010	Tie Reciprocity Support-Network (T1)	0.00	0.00	1.10	34	.293
Tract Education Total 2010	Total Tie Reciprocity Support-Network (T1)	0.00	0.00	0.99	30	.335
Tract Families Percent Poor 2010	Alter Weight Support-Network (T1)	-0.44	0.54	-0.83	88	.419
Tract Families Percent Poor 2010	Tie Reciprocity Support-Network (T1)	-1.93	0.95	-2.00	42	.060
Tract Families Percent Poor 2010	Total Tie Reciprocity Support-Network (T1)	-1.36	1.37	-1.00	36	.383
Tract Percent Change Minority 2000-2010	Alter Weight Support-Network (T1)	-0.06	0.08	-0.75	74	.456
Tract Percent Change Minority 2000-2010	Tie Reciprocity Support-Network (T1)	0.17	0.22	0.80	34	.440
Tract Percent Change Minority 2000-2010	Total Tie Reciprocity Support-Network (T1)	-0.02	0.23	-0.07	30	.801
Tract Percent Female 2010	Alter Weight Support-Network (T1)	0.18	0.56	0.34	92	.743
Tract Percent Female 2010	Tie Reciprocity Support-Network (T1)	-0.16	0.86	-0.19	42	.850
Tract Percent Female 2010	Total Tie Reciprocity Support-Network (T1)	-0.16	0.88	-0.18	38	.855
Tract Percent Home Owners 2010	Alter Weight Support-Network (T1)	-0.06	0.15	-0.42	92	.677
Tract Percent Home Owners 2010	Tie Reciprocity Support-Network (T1)	0.06	0.25	0.24	42	.813
Tract Percent Home Owners 2010	Total Tie Reciprocity Support-Network (T1)	-0.23	0.27	-0.84	38	.404
Tract Percent Home Renter 2010	Alter Weight Support-Network (T1)	0.06	0.15	0.42	92	.677
Tract Percent Home Renter 2010	Tie Reciprocity Support-Network (T1)	-0.06	0.25	-0.24	42	.813
Tract Percent Home Renter 2010	Total Tie Reciprocity Support-Network (T1)	0.23	0.27	0.84	38	.404
Tract Percent Male 2010	Alter Weight Support-Network (T1)	-0.62	0.63	-0.96	92	.363
Tract Percent Male 2010	Tie Reciprocity Support-Network (T1)	-0.00	1.10	-0.00	42	.986
Tract Percent Male 2010	Total Tie Reciprocity Support-Network (T1)	-0.56	1.13	-0.50	38	.621
Tract Percent Minority 2000	Alter Weight Support-Network (T1)	0.07	0.18	0.42	88	.680
Tract Percent Minority 2000	Tie Reciprocity Support-Network (T1)	-0.33	0.28	-1.20	41	.245
Tract Percent Minority 2000	Total Tie Reciprocity Support-Network (T1)	0.08	0.35	0.22	36	.828
Tract Percent Minority 2010	Alter Weight Support-Network (T1)	0.08	0.18	0.43	83	.674
Tract Percent Minority 2010	Tie Reciprocity Support-Network (T1)	-0.38	0.28	-1.40	38	.189
Tract Percent Minority 2010	Total Tie Reciprocity Support-Network (T1)	-0.08	0.33	-0.26	34	.800
Tract Percent Minority 2015	Alter Weight Support-Network (T1)	0.06	0.17	0.38	92	.717
Tract Percent Minority 2015	Tie Reciprocity Support-Network (T1)	-0.41	0.26	-1.60	42	.121
Tract Percent Minority 2015	Total Tie Reciprocity Support-Network (T1)	-0.13	0.29	-0.43	38	.673
Tract Percent Minority Increase 2000-2010	Alter Weight Support-Network (T1)	-0.50	0.65	-0.77	74	.444
Tract Percent Minority Increase 2000-2010	Tie Reciprocity Support-Network (T1)	0.07	0.89	0.08	34	.934
Tract Percent Minority Increase 2000-2010	Total Tie Reciprocity Support-Network (T1)	-1.19	1.02	-1.20	30	.257
Tract Percent Minority Increase 2010-2015	Alter Weight Support-Network (T1)	0.07	0.40	0.17	88	.864
Tract Percent Minority Increase 2010-2015	Tie Reciprocity Support-Network (T1)	0.13	0.63	0.21	41	.835
Tract Percent Minority Increase 2010-2015	Total Tie Reciprocity Support-Network (T1)	0.29	0.66	0.43	36	.668
Tract Percent Minority Increase Or Decrease 2000-2010	Alter Weight Support-Network (T1)	-0.05	0.16	-0.33	74	.742
Tract Percent Minority Increase Or Decrease 2000-2010	Tie Reciprocity Support-Network (T1)	0.06	0.22	0.27	34	.792
Tract Percent Minority Increase Or Decrease 2000-2010	Total Tie Reciprocity Support-Network (T1)	-0.18	0.26	-0.70	30	.491
Tract Percent Multicultural 2010	Alter Weight Support-Network (T1)	0.24	1.01	0.24	84	.812
Tract Percent Multicultural 2010	Tie Reciprocity Support-Network (T1)	1.29	1.25	1.00	39	.314
Tract Percent Multicultural 2010	Total Tie Reciprocity Support-Network (T1)	0.88	1.22	0.74	34	.476
Tract Percent Poverty 2000	Alter Weight Support-Network (T1)	-0.00	0.00	-1.30	74	.191
Tract Percent Poverty 2000	Tie Reciprocity Support-Network (T1)	0.00	0.00	1.10	34	.278
Tract Percent Poverty 2000	Total Tie Reciprocity Support-Network (T1)	0.00	0.00	1.00	30	.316
Tract Percent Poverty 2010	Alter Weight Support-Network (T1)	0.68	0.44	1.60	74	.130
Tract Percent Poverty 2010	Tie Reciprocity Support-Network (T1)	0.15	0.77	0.20	34	.842
Tract Percent Poverty 2010	Total Tie Reciprocity Support-Network (T1)	0.89	0.86	1.00	30	.307

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 116: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
Tract Average Income 2010	Tie Reciprocity Support-Network (T1)	0.00	0.00	3.00	34	.005

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

**COUNTY-LEVEL VARIABLES PREDICTING
ADULTHOOD TIME-POINT 1 VARIABLES**

Table 117: County Ecological Variables Predict Diversity Ideology Variables (Not Network-Specific)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Descriptive Colorblindness (T1)	-0.00	0.00	-1.80	93	.119
County Average Income 2000	Descriptive Multiculturalism Predominance (T1)	0.00	0.00	1.20	93	.234
County Average Income 2000	Descriptive Multiculturalism (T1)	-0.00	0.00	-1.10	93	.266
County Average Income 2000	Prescriptive Multiculturalism Predominance (T1)	0.00	0.00	0.70	83	.486
County Average Income 2000	Prescriptive Multiculturalism (T1)	-0.00	0.00	0.19	90	.250
County Average Income 2010	Descriptive Colorblindness (T1)	-0.00	0.00	-2.20	93	.030
County Average Income 2010	Descriptive Multiculturalism Predominance (T1)	0.00	0.00	1.10	93	.268
County Average Income 2010	Descriptive Multiculturalism (T1)	-0.00	0.00	-1.50	93	.141
County Average Income 2010	Prescriptive Multiculturalism (T1)	-0.00	0.00	-1.70	93	.092
County Diversity 2000	Prescriptive Colorblindness (T1)	-0.68	0.64	-1.10	90	.289
County Diversity 2000	Prescriptive Multiculturalism (T1)	-0.31	0.44	-0.70	81	.487
County Diversity 2010	Prescriptive Colorblindness (T1)	-0.84	0.79	-1.10	89	.299
County Education Total 2010	Descriptive Colorblindness (T1)	-0.00	0.00	-0.84	93	.404
County Education Total 2010	Prescriptive Multiculturalism (T1)	0.00	0.00	0.93	88	.355
County Percent Change Minority 2000-2010	Descriptive Colorblindness (T1)	-0.33	0.24	-1.40	90	.169
County Percent Change Minority 2000-2010	Descriptive Multiculturalism Predominance (T1)	0.35	0.24	1.50	90	.155
County Percent Change Minority 2000-2010	Prescriptive Colorblindness (T1)	-0.21	0.30	-0.69	81	.490
County Percent Change Minority 2000-2010	Prescriptive Multiculturalism (T1)	-0.19	0.20	-0.97	90	.337
County Percent Minority 2000	Descriptive Colorblindness (T1)	0.37	0.53	0.69	90	.495
County Percent Minority 2000	Descriptive Multiculturalism Predominance (T1)	-0.37	0.50	-0.75	90	.456
County Percent Minority 2000	Prescriptive Colorblindness (T1)	-0.59	0.61	-0.96	90	.340
County Percent Minority 2010	Prescriptive Colorblindness (T1)	-0.41	0.57	-0.72	90	.473
County Percent Minority 2015	Prescriptive Colorblindness (T1)	-0.57	0.58	-0.99	93	.323
County Percent Minority Increase 2000-2010	Descriptive Colorblindness (T1)	-1.48	1.57	-0.94	90	.348
County Percent Minority Increase 2000-2010	Descriptive Multiculturalism Predominance (T1)	2.04	1.58	1.30	90	.205
County Percent Minority Increase Or Decrease 2000-2010	Descriptive Colorblindness (T1)	-1.43	0.80	-1.80	90	.076
County Percent Minority Increase Or Decrease 2000-2010	Descriptive Multiculturalism Predominance (T1)	0.56	0.75	0.75	90	.458
County Percent Minority Increase Or Decrease 2000-2010	Descriptive Multiculturalism (T1)	-0.99	0.57	-1.70	90	.085
County Percent Minority Increase Or Decrease 2000-2010	Prescriptive Multiculturalism Predominance (T1)	1.46	1.31	1.10	81	.270
County Percent Minority Increase Or Decrease 2000-2010	Prescriptive Multiculturalism (T1)	0.98	0.64	1.50	86	.132
County Percent Poverty 2010	Descriptive Colorblindness (T1)	1.27	0.90	1.40	93	.164
County Percent Poverty 2010	Descriptive Multiculturalism Predominance (T1)	-1.04	0.93	-1.10	93	.283
County Percent Poverty 2010	Prescriptive Colorblindness (T1)	1.16	1.12	1.00	88	.307
County Percent Poverty 2010	Prescriptive Multiculturalism Predominance (T1)	-1.43	1.55	-0.93	83	.357
County Percent Vote Democrat 2012	Descriptive Colorblindness (T1)	-0.47	0.48	-0.99	99	.326
County Percent Vote Democrat 2012	Descriptive Multiculturalism Predominance (T1)	0.47	0.45	1.00	99	.297
County Percent Vote Democrat 2012	Prescriptive Colorblindness (T1)	-0.66	0.59	-1.10	94	.290
County Percent Vote Democrat 2012	Prescriptive Multiculturalism Predominance (T1)	1.19	0.82	1.40	85	.153
County Percent Vote Republican 2012	Prescriptive Multiculturalism (T1)	0.51	0.40	1.30	94	.207
County Percent Vote Republican 2012	Descriptive Colorblindness (T1)	0.47	0.48	0.99	99	.326
County Percent Vote Republican 2012	Descriptive Multiculturalism Predominance (T1)	-0.47	0.45	-1.00	99	.297
County Percent Vote Republican 2012	Prescriptive Colorblindness (T1)	0.66	0.59	1.10	94	.290
County Percent Vote Republican 2012	Prescriptive Multiculturalism Predominance (T1)	-1.19	0.82	-1.40	85	.153
County Percent Vote Republican 2012	Prescriptive Multiculturalism (T1)	-0.51	0.40	-1.30	94	.207
County Poverty by Population 2010	Descriptive Colorblindness (T1)	-0.00	0.00	-0.79	93	.434
County Poverty by Population 2010	Prescriptive Multiculturalism (T1)	0.00	0.00	0.89	88	.375
County Some College/2-Yr Degree 2010	Descriptive Colorblindness (T1)	0.01	0.01	1.00	90	.295
County Some College/2-Yr Degree 2010	Descriptive Multiculturalism Predominance (T1)	-0.02	0.01	-1.80	88	.080
County Some College/2-Yr Degree 2010	Descriptive Multiculturalism (T1)	-0.02	0.01	-1.80	90	.076
County Some College/2-Yr Degree 2010	Prescriptive Colorblindness (T1)	0.02	0.02	0.87	81	.388
County Some College/2-Yr Degree 2010	Prescriptive Multiculturalism Predominance (T1)	-0.03	0.02	-1.10	77	.288
County Some College/2-Yr Degree 2010	Prescriptive Multiculturalism (T1)	-0.02	0.01	-1.90	86	.065
County Vote Leans Democrat 2012	Descriptive Colorblindness (T1)	0.00	0.00	0.82	99	.415
County Vote Leans Democrat 2012	Descriptive Multiculturalism Predominance (T1)	-0.00	0.00	-1.10	99	.292
County Vote Leans Democrat 2012	Descriptive Multiculturalism (T1)	0.00	0.00	0.72	99	.475
County Vote Leans Democrat 2012	Prescriptive Colorblindness (T1)	0.00	0.00	1.20	89	.221
County Vote Leans Democrat 2012	Prescriptive Multiculturalism Predominance (T1)	-0.00	0.00	-1.50	85	.149
County Vote Leans Democrat 2012	Prescriptive Multiculturalism (T1)	-0.00	0.00	-1.40	94	.176

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 118: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2010	Descriptive Colorblindness (T1)	-0.00	0.00	-2.20	93	.030
* Residualized change multiple regressions: controlling for age, race (minority/non-minority), and prior phases of the dependent variable						

Table 119: County Ecological Variables Predict Network Diversity and Minority Presence Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Diversity Study-Network (T1)	0.00	0.00	0.30	85	.282
County Average Income 2010	Diversity Study-Network (T1)	0.00	0.00	1.10	85	.271
County Diversity 2000	Diversity Study-Network (T1)	-0.15	0.20	-0.75	82	.456
County Diversity 2010	Diversity Study-Network (T1)	-0.14	0.23	-0.60	84	.553
County Education Total 2010	Diversity Study-Network (T1)	-0.00	0.00	-0.97	85	.334
County Percent Change Minority 2000-2010	Diversity Study-Network (T1)	-0.03	0.08	-0.42	82	.676
County Percent Minority 2000	Diversity Study-Network (T1)	-0.15	0.18	-0.83	82	.411
County Percent Minority 2010	Diversity Study-Network (T1)	-0.16	0.17	-0.92	82	.360
County Percent Minority 2015	Diversity Study-Network (T1)	-0.14	0.17	-0.87	85	.389
County Percent Minority Increase 2000-2010	Diversity Study-Network (T1)	-0.28	0.56	-0.50	82	.616
County Percent Minority Increase Or Decrease 2000-2010	Diversity Study-Network (T1)	0.13	0.27	0.48	82	.633
County Percent Poverty 2010	Diversity Study-Network (T1)	0.51	0.37	1.40	85	.177
County Percent Vote Democrat 2012	Diversity Study-Network (T1)	0.16	0.17	0.94	91	.348
County Percent Vote Republican 2012	Diversity Study-Network (T1)	-0.16	0.17	-0.94	91	.348
County Poverty by Population 2010	Diversity Study-Network (T1)	-0.00	0.00	-0.91	85	.364
County Some College/2-Yr Degree 2010	Diversity Study-Network (T1)	0.00	0.01	0.64	82	.522
County Vote Leans Democrat 2012	Diversity Study-Network (T1)	-0.00	0.00	-0.92	91	.362

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 120: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
* Residualized change multiple regressions: controlling for age, race (minority/non-minority), and prior phases of the dependent variable						

Table 121: County Ecological Variables Predict Network Diversity and Minority Presence Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Diversity Friend-Network (T1)	-0.00	0.00	-1.00	55	.466
County Average Income 2010	Diversity Friend-Network (T1)	-0.00	0.00	-0.59	55	.560
County Diversity 2000	Diversity Friend-Network (T1)	-0.06	0.31	-0.19	54	.849
County Diversity 2010	Diversity Friend-Network (T1)	-0.20	0.41	-0.49	54	.624
County Education Total 2010	Diversity Friend-Network (T1)	-0.00	0.00	-1.60	55	.115
County Percent Change Minority 2000-2010	Diversity Friend-Network (T1)	0.00	0.16	0.02	54	.986
County Percent Minority 2000	Diversity Friend-Network (T1)	0.02	0.28	0.08	54	.939
County Percent Minority 2010	Diversity Friend-Network (T1)	-0.02	0.28	-0.09	54	.931
County Percent Minority 2015	Diversity Friend-Network (T1)	-0.00	0.27	-0.01	55	.992
County Percent Minority Increase 2000-2010	Diversity Friend-Network (T1)	-0.45	0.87	-0.51	54	.610
County Percent Minority Increase Or Decrease 2000-2010	Diversity Friend-Network (T1)	-0.82	0.31	-2.60	54	.012
County Percent Poverty 2010	Diversity Friend-Network (T1)	0.26	0.48	0.53	55	.598
County Percent Vote Democrat 2012	Diversity Friend-Network (T1)	-0.42	0.27	-1.60	57	.124
County Percent Vote Republican 2012	Diversity Friend-Network (T1)	0.42	0.27	1.60	57	.124
County Poverty by Population 2010	Diversity Friend-Network (T1)	-0.00	0.00	-1.60	55	.125
County Some College/2-Yr Degree 2010	Diversity Friend-Network (T1)	0.01	0.01	1.70	53	.101
County Vote Leans Democrat 2012	Diversity Friend-Network (T1)	0.00	0.00	1.30	57	.186

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 122: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Percent Minority Increase Or Decrease 2000-2010	Diversity Friend-Network (T1)	-0.82	0.31	-2.60	54	.012

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 123: County Ecological Variables Predict Network Diversity and Minority Presence Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Diversity Support-Network (T1)	0.00	0.00	-1.10	39	.428
County Average Income 2010	Diversity Support-Network (T1)	-0.00	0.00	-0.13	39	.900
County Diversity 2000	Diversity Support-Network (T1)	-0.23	0.34	-0.67	37	.506
County Diversity 2010	Diversity Support-Network (T1)	-0.25	0.44	-0.57	38	.572
County Education Total 2010	Diversity Support-Network (T1)	-0.00	0.00	-2.40	39	.023
County Percent Change Minority 2000-2010	Diversity Support-Network (T1)	0.00	0.20	0.02	37	.986
County Percent Minority 2000	Diversity Support-Network (T1)	-0.02	0.33	-0.07	37	.946
County Percent Minority 2010	Diversity Support-Network (T1)	-0.03	0.32	-0.08	37	.934
County Percent Minority 2015	Diversity Support-Network (T1)	0.03	0.30	0.11	38	.911
County Percent Minority Increase 2000-2010	Diversity Support-Network (T1)	-0.05	0.95	-0.05	37	.959
County Percent Poverty 2010	Diversity Support-Network (T1)	0.24	0.54	0.45	39	.655
County Percent Vote Democrat 2012	Diversity Support-Network (T1)	-0.15	0.30	-0.50	40	.618
County Percent Vote Republican 2012	Diversity Support-Network (T1)	0.15	0.30	0.50	40	.618
County Poverty by Population 2010	Diversity Support-Network (T1)	-0.00	0.00	-2.30	39	.025
County Some College/2-Yr Degree 2010	Diversity Support-Network (T1)	0.00	0.01	0.13	38	.900
County Vote Leans Democrat 2012	Diversity Support-Network (T1)	0.00	0.00	0.44	40	.663

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 124: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Education Total 2010	Diversity Support-Network (T1)	-0.00	0.00	-2.40	39	.023
County Poverty by Population 2010	Diversity Support-Network (T1)	-0.00	0.00	-2.30	39	.025

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 125: County Ecological Variables Predict Social Network Homophily Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Homophily Class-Year Study-Network (T1)	0.00	0.00	1.20	33	.247
County Average Income 2000	Homophily Gender Study-Network (T1)	0.00	0.00	2.40	33	.021
County Average Income 2000	Homophily Group Study-Network (T1)	0.00	0.00	2.80	37	.009
County Average Income 2000	Homophily Race Study-Network (T1)	0.00	0.00	0.07	33	.269
County Average Income 2000	Homophily School Study-Network (T1)	0.00	0.00	1.50	33	.139
County Average Income 2010	Homophily Group Study-Network (T1)	0.00	0.00	2.40	37	.019
County Diversity 2000	Homophily Class-Year Study-Network (T1)	-0.60	0.51	-1.20	31	.249
County Diversity 2000	Homophily Gender Study-Network (T1)	-0.95	0.44	-2.20	31	.037
County Diversity 2000	Homophily Native Lang. Study-Network (T1)	-1.04	0.53	-2.00	31	.058
County Diversity 2000	Homophily School Study-Network (T1)	0.39	0.23	1.70	31	.099
County Diversity 2010	Homophily Class-Year Study-Network (T1)	-0.92	0.68	-1.40	31	.188
County Diversity 2010	Homophily Gender Study-Network (T1)	-1.34	0.58	-2.30	31	.027
County Diversity 2010	Homophily Native Lang. Study-Network (T1)	-1.72	0.68	-2.50	31	.017
County Diversity 2010	Homophily Race Study-Network (T1)	1.04	0.64	1.60	31	.115
County Diversity 2010	Homophily School Study-Network (T1)	0.55	0.31	1.80	31	.081
County Education Total 2010	Homophily Class-Year Study-Network (T1)	0.00	0.00	1.10	33	.284
County Education Total 2010	Homophily Gender Study-Network (T1)	0.00	0.00	2.00	33	.051
County Education Total 2010	Homophily School Study-Network (T1)	0.00	0.00	1.30	33	.197
County Percent Change Minority 2000-2010	Homophily Dorm Study-Network (T1)	-0.21	0.17	-1.20	31	.234
County Percent Change Minority 2000-2010	Homophily Gender Study-Network (T1)	0.60	0.30	2.00	31	.052
County Percent Change Minority 2000-2010	Homophily Native Lang. Study-Network (T1)	0.40	0.37	1.10	31	.287
County Percent Minority 2000	Homophily Class-Year Study-Network (T1)	-0.55	0.50	-1.10	31	.285
County Percent Minority 2000	Homophily Gender Study-Network (T1)	-0.93	0.42	-2.20	31	.036
County Percent Minority 2000	Homophily Native Lang. Study-Network (T1)	-0.84	0.52	-1.60	31	.116
County Percent Minority 2000	Homophily School Study-Network (T1)	0.32	0.23	1.40	31	.165
County Percent Minority 2010	Homophily Gender Study-Network (T1)	-0.65	0.42	-1.60	31	.132
County Percent Minority 2010	Homophily Native Lang. Study-Network (T1)	-0.61	0.50	-1.20	31	.232
County Percent Minority 2010	Homophily School Study-Network (T1)	0.38	0.21	1.80	31	.084
County Percent Minority 2015	Homophily Gender Study-Network (T1)	-0.65	0.42	-1.60	31	.132
County Percent Minority 2015	Homophily Native Lang. Study-Network (T1)	-0.61	0.50	-1.20	31	.232
County Percent Minority 2015	Homophily School Study-Network (T1)	0.38	0.21	1.80	31	.084
County Percent Minority Increase 2000-2010	Homophily Gender Study-Network (T1)	2.13	1.38	1.50	31	.134
County Percent Minority Increase 2000-2010	Homophily Group Study-Network (T1)	-1.87	1.38	-1.40	35	.186
County Percent Minority Increase 2000-2010	Homophily School Study-Network (T1)	0.95	0.72	1.30	31	.198
County Percent Poverty 2010	Homophily Age Study-Network (T1)	-0.89	0.72	-1.20	33	.230
County Percent Poverty 2010	Homophily Native Lang. Study-Network (T1)	2.02	0.75	2.70	33	.011
County Percent Poverty 2010	Homophily Race Study-Network (T1)	1.07	0.71	1.50	33	.142
County Percent Vote Democrat 2012	Homophily Age Study-Network (T1)	-1.24	0.49	-2.50	33	.017
County Percent Vote Democrat 2012	Homophily Class-Year Study-Network (T1)	-0.92	0.53	-1.70	33	.092
County Percent Vote Democrat 2012	Homophily Gender Study-Network (T1)	-0.79	0.47	-1.70	33	.104
County Percent Vote Democrat 2012	Homophily Group Study-Network (T1)	1.46	0.44	3.30	37	.002
County Percent Vote Democrat 2012	Homophily Race Study-Network (T1)	1.75	0.44	4.00	33	.0000000
County Percent Vote Republican 2012	Homophily Age Study-Network (T1)	1.24	0.49	2.50	33	.017
County Percent Vote Republican 2012	Homophily Class-Year Study-Network (T1)	0.92	0.53	1.70	33	.092
County Percent Vote Republican 2012	Homophily Gender Study-Network (T1)	0.79	0.47	1.70	33	.104
County Percent Vote Republican 2012	Homophily Group Study-Network (T1)	-1.46	0.44	-3.30	37	.002
County Percent Vote Republican 2012	Homophily Race Study-Network (T1)	-1.75	0.44	-4.00	33	.0000000
County Poverty by Population 2010	Homophily Class-Year Study-Network (T1)	0.00	0.00	1.10	33	.283
County Poverty by Population 2010	Homophily Gender Study-Network (T1)	0.00	0.00	2.00	33	.056
County Poverty by Population 2010	Homophily School Study-Network (T1)	0.00	0.00	1.30	33	.204
County Some College/2-Yr Degree 2010	Homophily Age Study-Network (T1)	-0.02	0.01	-2.00	31	.055
County Some College/2-Yr Degree 2010	Homophily Group Study-Network (T1)	0.02	0.01	2.30	35	.029
County Some College/2-Yr Degree 2010	Homophily Race Study-Network (T1)	0.03	0.01	3.00	31	.006
County Vote Leans Democrat 2012	Homophily Age Study-Network (T1)	0.00	0.00	2.60	33	.014
County Vote Leans Democrat 2012	Homophily Class-Year Study-Network (T1)	0.00	0.00	1.30	33	.201
County Vote Leans Democrat 2012	Homophily Gender Study-Network (T1)	0.00	0.00	1.10	33	.287
County Vote Leans Democrat 2012	Homophily Group Study-Network (T1)	-0.00	0.00	-3.20	37	.003
County Vote Leans Democrat 2012	Homophily Native Lang. Study-Network (T1)	-0.00	0.00	-1.10	33	.268
County Vote Leans Democrat 2012	Homophily Race Study-Network (T1)	-0.00	0.00	-3.20	33	.003

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 126: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Homophily Gender Study-Network (T1)	0.00	0.00	2.40	33	.021
County Average Income 2000	Homophily Group Study-Network (T1)	0.00	0.00	2.80	37	.009
County Average Income 2010	Homophily Group Study-Network (T1)	0.00	0.00	2.40	37	.019
County Diversity 2000	Homophily Gender Study-Network (T1)	-0.95	0.44	-2.20	31	.037
County Diversity 2010	Homophily Gender Study-Network (T1)	-1.34	0.58	-2.30	31	.027
County Diversity 2010	Homophily Native Lang. Study-Network (T1)	-1.72	0.68	-2.50	31	.017
County Percent Minority 2000	Homophily Gender Study-Network (T1)	-0.93	0.42	-2.20	31	.036
County Percent Poverty 2010	Homophily Native Lang. Study-Network (T1)	2.02	0.75	2.70	33	.011
County Percent Vote Democrat 2012	Homophily Age Study-Network (T1)	-1.24	0.49	-2.50	33	.017
County Percent Vote Democrat 2012	Homophily Group Study-Network (T1)	1.46	0.44	3.30	37	.002
County Percent Vote Democrat 2012	Homophily Race Study-Network (T1)	1.75	0.44	4.00	33	.0000000
County Percent Vote Republican 2012	Homophily Age Study-Network (T1)	1.24	0.49	2.50	33	.017
County Percent Vote Republican 2012	Homophily Group Study-Network (T1)	-1.46	0.44	-3.30	37	.002
County Percent Vote Republican 2012	Homophily Race Study-Network (T1)	-1.75	0.44	-4.00	33	.0000000
County Some College/2-Yr Degree 2010	Homophily Group Study-Network (T1)	0.02	0.01	2.30	35	.029
County Some College/2-Yr Degree 2010	Homophily Race Study-Network (T1)	0.03	0.01	3.00	31	.006
County Vote Leans Democrat 2012	Homophily Age Study-Network (T1)	0.00	0.00	2.60	33	.014
County Vote Leans Democrat 2012	Homophily Group Study-Network (T1)	-0.00	0.00	-3.20	37	.003
County Vote Leans Democrat 2012	Homophily Race Study-Network (T1)	-0.00	0.00	-3.20	33	.003

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 127: County Ecological Variables Predict Social Network Homophily Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Homophily Age Friend-Network (T1)	-0.00	0.00	0.19	55	.048
County Average Income 2000	Homophily Class-Year Friend-Network (T1)	0.00	0.00	1.10	55	.281
County Average Income 2000	Homophily Group Friend-Network (T1)	0.00	0.00	2.00	58	.048
County Average Income 2010	Homophily Age Friend-Network (T1)	-0.00	0.00	-1.70	55	.088
County Average Income 2010	Homophily Dorm Friend-Network (T1)	-0.00	0.00	-1.20	55	.236
County Average Income 2010	Homophily Group Friend-Network (T1)	0.00	0.00	1.90	58	.066
County Diversity 2000	Homophily Dorm Friend-Network (T1)	0.36	0.33	1.10	54	.277
County Diversity 2000	Homophily Gender Friend-Network (T1)	-0.78	0.36	-2.20	54	.036
County Diversity 2000	Homophily Native Lang. Friend-Network (T1)	-1.09	0.35	-3.20	54	.003
County Diversity 2000	Homophily School Friend-Network (T1)	0.48	0.27	1.80	54	.078
County Diversity 2010	Homophily Gender Friend-Network (T1)	-1.07	0.50	-2.10	54	.040
County Diversity 2010	Homophily Group Friend-Network (T1)	0.54	0.47	1.20	58	.254
County Diversity 2010	Homophily Native Lang. Friend-Network (T1)	-1.55	0.46	-3.30	54	.002
County Diversity 2010	Homophily Race Friend-Network (T1)	0.73	0.62	1.20	52	.244
County Diversity 2010	Homophily School Friend-Network (T1)	0.67	0.37	1.80	54	.088
County Education Total 2010	Homophily Age Friend-Network (T1)	0.00	0.00	1.80	55	.070
County Education Total 2010	Homophily Group Friend-Network (T1)	-0.00	0.00	-1.40	58	.177
County Education Total 2010	Homophily Native Lang. Friend-Network (T1)	0.00	0.00	1.60	55	.120
County Percent Change Minority 2000-2010	Homophily Dorm Friend-Network (T1)	-0.41	0.17	-2.50	54	.016
County Percent Change Minority 2000-2010	Homophily Gender Friend-Network (T1)	0.30	0.20	1.50	54	.129
County Percent Change Minority 2000-2010	Homophily Native Lang. Friend-Network (T1)	0.54	0.19	2.90	54	.006
County Percent Minority 2000	Homophily Gender Friend-Network (T1)	-0.56	0.34	-1.70	54	.099
County Percent Minority 2000	Homophily Native Lang. Friend-Network (T1)	-0.67	0.33	-2.00	54	.046
County Percent Minority 2000	Homophily School Friend-Network (T1)	0.45	0.24	1.90	54	.067
County Percent Minority 2010	Homophily Gender Friend-Network (T1)	-0.45	0.34	-1.30	54	.199
County Percent Minority 2010	Homophily Native Lang. Friend-Network (T1)	-0.45	0.34	-1.30	54	.193
County Percent Minority 2010	Homophily School Friend-Network (T1)	0.50	0.24	2.00	54	.046
County Percent Minority 2015	Homophily Gender Friend-Network (T1)	-0.58	0.35	-1.60	55	.105
County Percent Minority 2015	Homophily School Friend-Network (T1)	0.35	0.26	1.30	55	.185
County Percent Minority Increase 2000-2010	Homophily Gender Friend-Network (T1)	1.27	1.07	1.20	54	.240
County Percent Minority Increase 2000-2010	Homophily Group Friend-Network (T1)	-1.65	0.96	-1.70	57	.091
County Percent Minority Increase 2000-2010	Homophily Native Lang. Friend-Network (T1)	2.33	1.03	2.30	54	.027
County Percent Minority Increase 2000-2010	Homophily Race Friend-Network (T1)	-1.46	1.33	-1.10	52	.280
County Percent Minority Increase Or Decrease 2000-2010	Homophily Age Friend-Network (T1)	0.50	0.42	1.20	54	.245
County Percent Minority Increase Or Decrease 2000-2010	Homophily Dorm Friend-Network (T1)	0.83	0.34	2.50	54	.017
County Percent Minority Increase Or Decrease 2000-2010	Homophily Gender Friend-Network (T1)	0.72	0.40	1.80	54	.080
County Percent Minority Increase Or Decrease 2000-2010	Homophily Native Lang. Friend-Network (T1)	0.46	0.40	1.10	54	.259
County Percent Poverty 2010	Homophily Age Friend-Network (T1)	-1.03	0.64	-1.60	55	.114
County Percent Poverty 2010	Homophily Native Lang. Friend-Network (T1)	1.42	0.60	2.40	55	.022
County Percent Poverty 2010	Homophily Race Friend-Network (T1)	1.48	0.70	2.10	54	.040
County Percent Poverty 2010	Homophily School Friend-Network (T1)	-0.48	0.45	-1.10	55	.292
County Percent Vote Democrat 2012	Homophily Dorm Friend-Network (T1)	0.64	0.30	2.20	57	.035
County Percent Vote Democrat 2012	Homophily Group Friend-Network (T1)	0.94	0.29	3.30	60	.002
County Percent Vote Democrat 2012	Homophily Race Friend-Network (T1)	0.64	0.39	1.60	55	.108
County Percent Vote Democrat 2012	Homophily School Friend-Network (T1)	0.54	0.25	2.20	57	.035
County Percent Vote Republican 2012	Homophily Dorm Friend-Network (T1)	-0.64	0.30	-2.20	57	.035
County Percent Vote Republican 2012	Homophily Group Friend-Network (T1)	-0.94	0.29	-3.30	60	.002
County Percent Vote Republican 2012	Homophily Race Friend-Network (T1)	-0.64	0.39	-1.60	55	.108
County Percent Vote Republican 2012	Homophily School Friend-Network (T1)	-0.54	0.25	-2.20	57	.035
County Poverty by Population 2010	Homophily Age Friend-Network (T1)	0.00	0.00	1.70	55	.087
County Poverty by Population 2010	Homophily Group Friend-Network (T1)	-0.00	0.00	-1.30	58	.189
County Poverty by Population 2010	Homophily Native Lang. Friend-Network (T1)	0.00	0.00	1.70	55	.094
County Some College/2-Yr Degree 2010	Homophily Age Friend-Network (T1)	-0.02	0.01	-2.20	53	.036
County Some College/2-Yr Degree 2010	Homophily Group Friend-Network (T1)	0.01	0.01	1.40	56	.180
County Some College/2-Yr Degree 2010	Homophily Race Friend-Network (T1)	0.02	0.01	1.60	51	.105
County Vote Leans Democrat 2012	Homophily Dorm Friend-Network (T1)	-0.00	0.00	-2.00	57	.054
County Vote Leans Democrat 2012	Homophily Group Friend-Network (T1)	-0.00	0.00	-2.80	60	.007
County Vote Leans Democrat 2012	Homophily Race Friend-Network (T1)	-0.00	0.00	-1.10	55	.293
County Vote Leans Democrat 2012	Homophily School Friend-Network (T1)	-0.00	0.00	-2.20	57	.032

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 128: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Homophily Age Friend-Network (T1)	-0.00	0.00	0.19	55	.048
County Average Income 2000	Homophily Group Friend-Network (T1)	0.00	0.00	2.00	58	.048
County Diversity 2000	Homophily Gender Friend-Network (T1)	-0.78	0.36	-2.20	54	.036
County Diversity 2000	Homophily Native Lang. Friend-Network (T1)	-1.09	0.35	-3.20	54	.003
County Diversity 2010	Homophily Gender Friend-Network (T1)	-1.07	0.50	-2.10	54	.040
County Diversity 2010	Homophily Native Lang. Friend-Network (T1)	-1.55	0.46	-3.30	54	.002
County Percent Change Minority 2000-2010	Homophily Dorm Friend-Network (T1)	-0.41	0.17	-2.50	54	.016
County Percent Change Minority 2000-2010	Homophily Native Lang. Friend-Network (T1)	0.54	0.19	2.90	54	.006
County Percent Minority 2000	Homophily Native Lang. Friend-Network (T1)	-0.67	0.33	-2.00	54	.046
County Percent Minority 2010	Homophily School Friend-Network (T1)	0.50	0.24	2.00	54	.046
County Percent Minority Increase 2000-2010	Homophily Native Lang. Friend-Network (T1)	2.33	1.03	2.30	54	.027
County Percent Minority Increase Or Decrease 2000-2010	Homophily Dorm Friend-Network (T1)	0.83	0.34	2.50	54	.017
County Percent Poverty 2010	Homophily Native Lang. Friend-Network (T1)	1.42	0.60	2.40	55	.022
County Percent Poverty 2010	Homophily Race Friend-Network (T1)	1.48	0.70	2.10	54	.040
County Percent Vote Democrat 2012	Homophily Dorm Friend-Network (T1)	0.64	0.30	2.20	57	.035
County Percent Vote Democrat 2012	Homophily Group Friend-Network (T1)	0.94	0.29	3.30	60	.002
County Percent Vote Democrat 2012	Homophily School Friend-Network (T1)	0.54	0.25	2.20	57	.035
County Percent Vote Republican 2012	Homophily Dorm Friend-Network (T1)	-0.64	0.30	-2.20	57	.035
County Percent Vote Republican 2012	Homophily Group Friend-Network (T1)	-0.94	0.29	-3.30	60	.002
County Percent Vote Republican 2012	Homophily School Friend-Network (T1)	-0.54	0.25	-2.20	57	.035
County Some College/2-Yr Degree 2010	Homophily Age Friend-Network (T1)	-0.02	0.01	-2.20	53	.036
County Vote Leans Democrat 2012	Homophily Group Friend-Network (T1)	-0.00	0.00	-2.80	60	.007
County Vote Leans Democrat 2012	Homophily School Friend-Network (T1)	-0.00	0.00	-2.20	57	.032

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 129: County Ecological Variables Predict Social Network Homophily Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Homophily Age Support-Network (T1)	0.00	0.00	2.10	39	.043
County Average Income 2000	Homophily Dorm Support-Network (T1)	-0.00	0.00	-2.20	39	.038
County Average Income 2000	Homophily Gender Support-Network (T1)	0.00	0.00	1.30	39	.202
County Average Income 2000	Homophily Group Support-Network (T1)	0.00	0.00	1.90	44	.061
County Average Income 2010	Homophily Gender Support-Network (T1)	0.00	0.00	1.20	39	.237
County Average Income 2010	Homophily Group Support-Network (T1)	0.00	0.00	1.70	44	.095
County Diversity 2000	Homophily Class-Year Support-Network (T1)	-1.03	0.52	-2.00	37	.054
County Diversity 2000	Homophily Dorm Support-Network (T1)	0.44	0.28	1.50	37	.131
County Diversity 2000	Homophily Gender Support-Network (T1)	-0.81	0.43	-1.90	37	.066
County Diversity 2000	Homophily Native Lang. Support-Network (T1)	-1.15	0.47	-2.40	37	.021
County Diversity 2000	Homophily Race Support-Network (T1)	0.63	0.53	1.20	36	.239
County Diversity 2000	Homophily School Support-Network (T1)	0.43	0.30	1.40	37	.157
County Diversity 2010	Homophily Class-Year Support-Network (T1)	-1.57	0.68	-2.30	38	.027
County Diversity 2010	Homophily Dorm Support-Network (T1)	0.46	0.38	1.20	37	.237
County Diversity 2010	Homophily Gender Support-Network (T1)	-1.08	0.59	-1.80	38	.079
County Diversity 2010	Homophily Native Lang. Support-Network (T1)	-1.52	0.63	-2.40	38	.025
County Diversity 2010	Homophily Race Support-Network (T1)	1.15	0.68	1.70	36	.101
County Diversity 2010	Homophily School Support-Network (T1)	0.68	0.39	1.80	37	.088
County Education Total 2010	Homophily Age Support-Network (T1)	0.00	0.00	2.00	39	.052
County Education Total 2010	Homophily Dorm Support-Network (T1)	-0.00	0.00	-2.30	39	.029
County Education Total 2010	Homophily Group Support-Network (T1)	-0.00	0.00	-1.00	44	.300
County Education Total 2010	Homophily Native Lang. Support-Network (T1)	0.00	0.00	1.00	39	.302
County Percent Change Minority 2000-2010	Homophily Class-Year Support-Network (T1)	0.43	0.31	1.40	37	.179
County Percent Change Minority 2000-2010	Homophily Dorm Support-Network (T1)	-0.58	0.14	-4.00	37	.0000000
County Percent Change Minority 2000-2010	Homophily Gender Support-Network (T1)	0.31	0.26	1.20	37	.232
County Percent Change Minority 2000-2010	Homophily Native Lang. Support-Network (T1)	0.55	0.29	1.90	37	.061
County Percent Minority 2000	Homophily Class-Year Support-Network (T1)	-0.76	0.51	-1.50	37	.148
County Percent Minority 2000	Homophily Dorm Support-Network (T1)	0.44	0.27	1.60	37	.116
County Percent Minority 2000	Homophily Gender Support-Network (T1)	-0.81	0.42	-2.00	37	.059
County Percent Minority 2000	Homophily Native Lang. Support-Network (T1)	-1.03	0.47	-2.20	37	.034
County Percent Minority 2000	Homophily School Support-Network (T1)	0.43	0.29	1.50	37	.141
County Percent Minority 2010	Homophily Class-Year Support-Network (T1)	-0.58	0.50	-1.20	37	.258
County Percent Minority 2010	Homophily Gender Support-Network (T1)	-0.61	0.41	-1.50	37	.144
County Percent Minority 2010	Homophily Native Lang. Support-Network (T1)	-0.75	0.46	-1.60	37	.115
County Percent Minority 2010	Homophily School Support-Network (T1)	0.46	0.28	1.70	37	.106
County Percent Minority 2015	Homophily Class-Year Support-Network (T1)	-0.79	0.49	-1.60	38	.116
County Percent Minority 2015	Homophily Gender Support-Network (T1)	-0.89	0.42	-2.10	38	.040
County Percent Minority Increase 2000-2010	Homophily Dorm Support-Network (T1)	-1.73	0.77	-2.20	37	.030
County Percent Minority Increase 2000-2010	Homophily Gender Support-Network (T1)	1.29	1.24	1.00	37	.304
County Percent Minority Increase 2000-2010	Homophily Group Support-Network (T1)	-1.86	1.27	-1.50	42	.152
County Percent Minority Increase 2000-2010	Homophily Native Lang. Support-Network (T1)	1.89	1.39	1.40	37	.183
County Percent Poverty 2010	Homophily Native Lang. Support-Network (T1)	1.59	0.77	2.10	39	.045
County Percent Poverty 2010	Homophily Race Support-Network (T1)	1.08	0.82	1.30	38	.198
County Percent Poverty 2010	Homophily School Support-Network (T1)	-0.58	0.46	-1.20	39	.219
County Percent Vote Democrat 2012	Homophily Dorm Support-Network (T1)	0.50	0.29	1.70	40	.091
County Percent Vote Democrat 2012	Homophily Gender Support-Network (T1)	0.53	0.42	1.30	40	.212
County Percent Vote Democrat 2012	Homophily Group Support-Network (T1)	1.27	0.35	3.70	45	.001
County Percent Vote Democrat 2012	Homophily Race Support-Network (T1)	1.01	0.46	2.20	39	.032
County Percent Vote Democrat 2012	Homophily School Support-Network (T1)	0.81	0.27	3.00	40	.005
County Percent Vote Republican 2012	Homophily Dorm Support-Network (T1)	-0.50	0.29	-1.70	40	.091
County Percent Vote Republican 2012	Homophily Gender Support-Network (T1)	-0.53	0.42	-1.30	40	.212
County Percent Vote Republican 2012	Homophily Group Support-Network (T1)	-1.27	0.35	-3.70	45	.001
County Percent Vote Republican 2012	Homophily Race Support-Network (T1)	-1.01	0.46	-2.20	39	.032
County Percent Vote Republican 2012	Homophily School Support-Network (T1)	-0.81	0.27	-3.00	40	.005
County Poverty by Population 2010	Homophily Age Support-Network (T1)	0.00	0.00	2.00	39	.054
County Poverty by Population 2010	Homophily Dorm Support-Network (T1)	-0.00	0.00	-2.30	39	.027
County Poverty by Population 2010	Homophily Native Lang. Support-Network (T1)	0.00	0.00	1.10	39	.263
County Some College/2-Yr Degree 2010	Homophily Group Support-Network (T1)	0.02	0.01	2.40	42	.023
County Some College/2-Yr Degree 2010	Homophily Race Support-Network (T1)	0.02	0.01	1.80	37	.089
County Vote Leans Democrat 2012	Homophily Dorm Support-Network (T1)	-0.00	0.00	-1.90	40	.060
County Vote Leans Democrat 2012	Homophily Gender Support-Network (T1)	-0.00	0.00	-1.80	40	.078
County Vote Leans Democrat 2012	Homophily Group Support-Network (T1)	-0.00	0.00	-3.30	45	.002
County Vote Leans Democrat 2012	Homophily Race Support-Network (T1)	-0.00	0.00	-1.60	39	.117
County Vote Leans Democrat 2012	Homophily School Support-Network (T1)	-0.00	0.00	-2.90	40	.006

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 130: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Homophily Age Support-Network (T1)	0.00	0.00	2.10	39	.043
County Average Income 2000	Homophily Dorm Support-Network (T1)	-0.00	0.00	-2.20	39	.038
County Diversity 2000	Homophily Native Lang. Support-Network (T1)	-1.15	0.47	-2.40	37	.021
County Diversity 2010	Homophily Class-Year Support-Network (T1)	-1.57	0.68	-2.30	38	.027
County Diversity 2010	Homophily Native Lang. Support-Network (T1)	-1.52	0.63	-2.40	38	.025
County Education Total 2010	Homophily Dorm Support-Network (T1)	-0.00	0.00	-2.30	39	.029
County Percent Change Minority 2000-2010	Homophily Dorm Support-Network (T1)	-0.58	0.14	-4.00	37	.0000000
County Percent Minority 2000	Homophily Native Lang. Support-Network (T1)	-1.03	0.47	-2.20	37	.034
County Percent Minority 2015	Homophily Gender Support-Network (T1)	-0.89	0.42	-2.10	38	.040
County Percent Minority Increase 2000-2010	Homophily Dorm Support-Network (T1)	-1.73	0.77	-2.20	37	.030
County Percent Poverty 2010	Homophily Native Lang. Support-Network (T1)	1.59	0.77	2.10	39	.045
County Percent Vote Democrat 2012	Homophily Group Support-Network (T1)	1.27	0.35	3.70	45	.001
County Percent Vote Democrat 2012	Homophily Race Support-Network (T1)	1.01	0.46	2.20	39	.032
County Percent Vote Democrat 2012	Homophily School Support-Network (T1)	0.81	0.27	3.00	40	.005
County Percent Vote Republican 2012	Homophily Group Support-Network (T1)	-1.27	0.35	-3.70	45	.001
County Percent Vote Republican 2012	Homophily Race Support-Network (T1)	-1.01	0.46	-2.20	39	.032
County Percent Vote Republican 2012	Homophily School Support-Network (T1)	-0.81	0.27	-3.00	40	.005
County Poverty by Population 2010	Homophily Dorm Support-Network (T1)	-0.00	0.00	-2.30	39	.027
County Some College/2-Yr Degree 2010	Homophily Group Support-Network (T1)	0.02	0.01	2.40	42	.023
County Vote Leans Democrat 2012	Homophily Group Support-Network (T1)	-0.00	0.00	-3.30	45	.002
County Vote Leans Democrat 2012	Homophily School Support-Network (T1)	-0.00	0.00	-2.90	40	.006

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 131: County Ecological Variables Predict Network Centrality Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Betweenness Centrality Study-Network (T1)	-0.00	0.00	-1.10	93	.272
County Average Income 2000	Eigenvector Centrality Study-Network (T1)	-0.00	0.00	-1.00	93	.308
County Average Income 2000	In-Degree Centrality Study-Network (T1)	0.00	0.00	0.86	93	.393
County Average Income 2000	Total Degree Centrality Study-Network (T1)	0.00	0.00	0.71	88	.479
County Average Income 2010	Eigenvector Centrality Study-Network (T1)	-0.00	0.00	-1.10	93	.275
County Average Income 2010	Total Degree Centrality Study-Network (T1)	0.00	0.00	0.87	83	.388
County Diversity 2000	Betweenness Centrality Study-Network (T1)	-2.91	1.52	-1.90	90	.058
County Diversity 2000	Closeness Centrality Study-Network (T1)	-0.00	0.00	-0.66	90	.514
County Diversity 2000	In-Degree Centrality Study-Network (T1)	0.38	0.60	0.63	90	.528
County Diversity 2000	Total Degree Centrality Study-Network (T1)	-0.44	0.42	-1.00	86	.309
County Diversity 2010	Betweenness Centrality Study-Network (T1)	-3.32	1.80	-1.80	92	.068
County Diversity 2010	Closeness Centrality Study-Network (T1)	-0.00	0.00	-0.60	90	.547
County Diversity 2010	In-Degree Centrality Study-Network (T1)	0.54	0.70	0.78	93	.439
County Diversity 2010	Total Degree Centrality Study-Network (T1)	-0.50	0.50	-1.00	87	.332
County Education Total 2010	Betweenness Centrality Study-Network (T1)	-0.00	0.00	-0.87	93	.388
County Education Total 2010	Eigenvector Centrality Study-Network (T1)	-0.00	0.00	-0.94	93	.350
County Education Total 2010	In-Degree Centrality Study-Network (T1)	0.00	0.00	0.83	93	.407
County Percent Change Minority 2000-2010	Eigenvector Centrality Study-Network (T1)	-0.04	0.06	-0.73	90	.468
County Percent Change Minority 2000-2010	In-Degree Centrality Study-Network (T1)	-0.23	0.26	-0.88	90	.379
County Percent Change Minority 2000-2010	Out-Degree Centrality Study-Network (T1)	-0.35	0.28	-1.30	90	.208
County Percent Change Minority 2000-2010	Total Degree Centrality Study-Network (T1)	-0.58	0.48	-1.20	90	.232
County Percent Minority 2000	Betweenness Centrality Study-Network (T1)	-2.48	1.46	-1.70	90	.093
County Percent Minority 2000	Closeness Centrality Study-Network (T1)	-0.00	0.00	-0.71	90	.479
County Percent Minority 2000	Eigenvector Centrality Study-Network (T1)	0.09	0.13	0.73	90	.467
County Percent Minority 2000	Total Degree Centrality Study-Network (T1)	-0.39	0.40	-0.97	86	.339
County Percent Minority 2010	Betweenness Centrality Study-Network (T1)	-2.74	1.36	-2.00	90	.048
County Percent Minority 2010	Eigenvector Centrality Study-Network (T1)	0.09	0.12	0.76	90	.450
County Percent Minority 2010	Total Degree Centrality Study-Network (T1)	-0.39	0.38	-1.00	86	.302
County Percent Minority 2015	Betweenness Centrality Study-Network (T1)	-2.52	1.33	-1.90	93	.061
County Percent Minority 2015	Eigenvector Centrality Study-Network (T1)	0.09	0.12	0.76	93	.447
County Percent Minority 2015	In-Degree Centrality Study-Network (T1)	0.39	0.53	0.73	93	.465
County Percent Minority 2015	Total Degree Centrality Study-Network (T1)	-0.37	0.37	-1.00	88	.320
County Percent Minority Increase 2000-2010	Betweenness Centrality Study-Network (T1)	-5.38	4.34	-1.20	90	.218
County Percent Minority Increase 2000-2010	Closeness Centrality Study-Network (T1)	0.00	0.00	0.65	90	.519
County Percent Minority Increase 2000-2010	Out-Degree Centrality Study-Network (T1)	-1.11	1.82	-0.61	90	.544
County Percent Minority Increase Or Decrease 2000-2010	Closeness Centrality Study-Network (T1)	0.00	0.00	0.77	90	.445
County Percent Minority Increase Or Decrease 2000-2010	In-Degree Centrality Study-Network (T1)	0.60	0.88	0.68	90	.499
County Percent Minority Increase Or Decrease 2000-2010	Out-Degree Centrality Study-Network (T1)	0.77	0.93	0.83	90	.411
County Percent Minority Increase Or Decrease 2000-2010	Total Degree Centrality Study-Network (T1)	1.37	1.63	0.84	90	.404
County Percent Poverty 2010	Closeness Centrality Study-Network (T1)	0.00	0.00	1.00	93	.308
County Percent Poverty 2010	In-Degree Centrality Study-Network (T1)	0.66	1.02	0.65	93	.518
County Poverty by Population 2010	Betweenness Centrality Study-Network (T1)	-0.00	0.00	-0.84	93	.401
County Poverty by Population 2010	Eigenvector Centrality Study-Network (T1)	-0.00	0.00	-0.91	93	.363
County Poverty by Population 2010	In-Degree Centrality Study-Network (T1)	0.00	0.00	0.87	93	.387
County Some College/2-Yr Degree 2010	In-Degree Centrality Study-Network (T1)	0.01	0.02	0.72	90	.476
County Some College/2-Yr Degree 2010	Total Degree Centrality Study-Network (T1)	0.02	0.03	0.66	90	.512
County Vote Leans Democrat 2012	In-Degree Centrality Study-Network (T1)	0.00	0.00	0.79	99	.432

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 132: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Percent Minority 2010	Betweenness Centrality Study-Network (T1)	-2.74	1.36	-2.00	90	.048

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 133: County Ecological Variables Predict Network Centrality Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Betweenness Centrality Friend-Network (T1)	-0.00	0.00	-1.10	93	.280
County Average Income 2000	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-1.30	93	.185
County Average Income 2000	Eigenvector Centrality Friend-Network (T1)	-0.00	0.00	-0.95	93	.345
County Average Income 2010	Betweenness Centrality Friend-Network (T1)	-0.00	0.00	-1.00	93	.318
County Average Income 2010	Eigenvector Centrality Friend-Network (T1)	-0.00	0.00	-1.10	93	.270
County Diversity 2000	Closeness Centrality Friend-Network (T1)	0.00	0.00	0.90	90	.368
County Diversity 2000	Eigenvector Centrality Friend-Network (T1)	0.09	0.14	0.63	90	.530
County Diversity 2000	Out-Degree Centrality Friend-Network (T1)	0.75	1.10	0.68	90	.495
County Diversity 2000	Total Degree Centrality Friend-Network (T1)	0.70	1.09	0.64	84	.525
County Diversity 2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.60	92	.125
County Diversity 2010	In-Degree Centrality Friend-Network (T1)	0.78	1.07	0.73	90	.469
County Diversity 2010	Out-Degree Centrality Friend-Network (T1)	1.19	1.33	0.90	90	.373
County Diversity 2010	Total Degree Centrality Friend-Network (T1)	1.50	1.58	0.96	87	.345
County Education Total 2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-1.20	93	.247
County Education Total 2010	Eigenvector Centrality Friend-Network (T1)	-0.00	0.00	-0.81	93	.417
County Percent Change Minority 2000-2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-0.82	90	.417
County Percent Change Minority 2000-2010	Eigenvector Centrality Friend-Network (T1)	-0.05	0.06	-0.86	90	.394
County Percent Change Minority 2000-2010	In-Degree Centrality Friend-Network (T1)	-0.41	0.38	-1.10	90	.292
County Percent Change Minority 2000-2010	Out-Degree Centrality Friend-Network (T1)	-0.49	0.47	-1.00	90	.299
County Percent Change Minority 2000-2010	Total Degree Centrality Friend-Network (T1)	-0.67	0.57	-1.20	86	.250
County Percent Minority 2000	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.10	90	.284
County Percent Minority 2000	Eigenvector Centrality Friend-Network (T1)	0.10	0.13	0.80	90	.424
County Percent Minority 2010	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.20	90	.254
County Percent Minority 2010	Eigenvector Centrality Friend-Network (T1)	0.10	0.12	0.82	90	.414
County Percent Minority 2015	Closeness Centrality Friend-Network (T1)	0.00	0.00	1.30	93	.204
County Percent Minority 2015	Eigenvector Centrality Friend-Network (T1)	0.10	0.12	0.84	93	.400
County Percent Minority Increase 2000-2010	Total Degree Centrality Friend-Network (T1)	-2.88	2.93	-0.99	78	.327
County Percent Minority Increase Or Decrease 2000-2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-1.20	90	.237
County Percent Minority Increase Or Decrease 2000-2010	In-Degree Centrality Friend-Network (T1)	1.28	1.29	0.99	90	.324
County Percent Minority Increase Or Decrease 2000-2010	Out-Degree Centrality Friend-Network (T1)	-1.51	1.59	-0.95	90	.347
County Percent Minority Increase Or Decrease 2000-2010	Total Degree Centrality Friend-Network (T1)	-1.53	1.54	-1.00	84	.325
County Percent Poverty 2010	Betweenness Centrality Friend-Network (T1)	-158.88	151.58	-1.00	93	.297
County Percent Poverty 2010	In-Degree Centrality Friend-Network (T1)	1.13	1.51	0.75	93	.455
County Percent Poverty 2010	Total Degree Centrality Friend-Network (T1)	1.47	2.25	0.65	89	.518
County Poverty by Population 2010	Closeness Centrality Friend-Network (T1)	-0.00	0.00	-1.20	93	.240
County Poverty by Population 2010	Eigenvector Centrality Friend-Network (T1)	-0.00	0.00	-0.82	93	.416
County Some College/2-Yr Degree 2010	In-Degree Centrality Friend-Network (T1)	0.04	0.02	1.70	86	.094
County Some College/2-Yr Degree 2010	Out-Degree Centrality Friend-Network (T1)	0.05	0.03	1.60	86	.113
County Some College/2-Yr Degree 2010	Total Degree Centrality Friend-Network (T1)	0.05	0.03	1.40	85	.210

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 134: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
* Residualized change multiple regressions: controlling for age, race (minority/non-minority), and prior phases of the dependent variable						

Table 135: County Ecological Variables Predict Network Centrality Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Betweenness Centrality Support-Network (T1)	-0.00	0.00	-1.20	93	.237
County Average Income 2000	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.67	93	.505
County Average Income 2000	Eigenvector Centrality Support-Network (T1)	-0.00	0.00	-1.10	93	.264
County Average Income 2000	Out-Degree Centrality Support-Network (T1)	-0.00	0.00	-1.20	93	.253
County Average Income 2000	Total Degree Centrality Support-Network (T1)	-0.00	0.00	-1.00	88	.303
County Average Income 2010	Betweenness Centrality Support-Network (T1)	-0.00	0.00	-1.10	93	.282
County Average Income 2010	Eigenvector Centrality Support-Network (T1)	-0.00	0.00	-1.30	93	.208
County Average Income 2010	Out-Degree Centrality Support-Network (T1)	-0.00	0.00	-1.40	93	.172
County Average Income 2010	Total Degree Centrality Support-Network (T1)	-0.00	0.00	-1.00	89	.320
County Diversity 2000	Betweenness Centrality Support-Network (T1)	-2.74	1.98	-1.40	90	.169
County Diversity 2000	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.74	90	.458
County Diversity 2000	In-Degree Centrality Support-Network (T1)	0.39	0.58	0.67	90	.507
County Diversity 2010	Betweenness Centrality Support-Network (T1)	-3.95	2.32	-1.70	92	.094
County Diversity 2010	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.62	90	.534
County Diversity 2010	In-Degree Centrality Support-Network (T1)	0.55	0.69	0.81	92	.426
County Education Total 2010	Betweenness Centrality Support-Network (T1)	-0.00	0.00	-0.98	93	.327
County Education Total 2010	Eigenvector Centrality Support-Network (T1)	-0.00	0.00	-0.90	93	.371
County Education Total 2010	Out-Degree Centrality Support-Network (T1)	-0.00	0.00	-0.88	93	.380
County Education Total 2010	Total Degree Centrality Support-Network (T1)	-0.00	0.00	-0.77	89	.448
County Percent Change Minority 2000-2010	Eigenvector Centrality Support-Network (T1)	-0.04	0.06	-0.73	90	.464
County Percent Change Minority 2000-2010	In-Degree Centrality Support-Network (T1)	-0.31	0.25	-1.20	90	.221
County Percent Change Minority 2000-2010	Out-Degree Centrality Support-Network (T1)	-0.34	0.29	-1.20	90	.238
County Percent Change Minority 2000-2010	Total Degree Centrality Support-Network (T1)	-0.43	0.36	-1.20	86	.252
County Percent Minority 2000	Betweenness Centrality Support-Network (T1)	-1.99	1.91	-1.00	90	.300
County Percent Minority 2000	Closeness Centrality Support-Network (T1)	-0.00	0.00	-0.62	90	.536
County Percent Minority 2000	Eigenvector Centrality Support-Network (T1)	0.11	0.13	0.86	90	.390
County Percent Minority 2010	Betweenness Centrality Support-Network (T1)	-2.27	1.78	-1.30	90	.207
County Percent Minority 2010	Eigenvector Centrality Support-Network (T1)	0.11	0.12	0.96	90	.341
County Percent Minority 2015	Betweenness Centrality Support-Network (T1)	-2.00	1.73	-1.20	93	.250
County Percent Minority 2015	Eigenvector Centrality Support-Network (T1)	0.11	0.11	0.96	93	.340
County Percent Minority 2015	In-Degree Centrality Support-Network (T1)	0.36	0.51	0.70	93	.489
County Percent Minority Increase 2000-2010	Betweenness Centrality Support-Network (T1)	-5.04	5.62	-0.90	90	.373
County Percent Minority Increase 2000-2010	Out-Degree Centrality Support-Network (T1)	-1.23	1.90	-0.65	90	.520
County Percent Minority Increase 2000-2010	Total Degree Centrality Support-Network (T1)	-1.23	1.90	-0.65	90	.520
County Percent Minority Increase Or Decrease 2000-2010	Closeness Centrality Support-Network (T1)	0.00	0.00	0.83	90	.411
County Percent Minority Increase Or Decrease 2000-2010	In-Degree Centrality Support-Network (T1)	0.62	0.85	0.73	90	.464
County Percent Minority Increase Or Decrease 2000-2010	Out-Degree Centrality Support-Network (T1)	0.82	0.98	0.84	90	.402
County Percent Minority Increase Or Decrease 2000-2010	Total Degree Centrality Support-Network (T1)	1.03	1.19	0.86	86	.394
County Percent Poverty 2010	Betweenness Centrality Support-Network (T1)	2.97	3.31	0.90	93	.372
County Percent Poverty 2010	Closeness Centrality Support-Network (T1)	0.00	0.00	1.00	93	.298
County Percent Poverty 2010	In-Degree Centrality Support-Network (T1)	0.72	0.98	0.74	93	.462
County Percent Poverty 2010	Out-Degree Centrality Support-Network (T1)	1.83	1.14	1.60	93	.110
County Percent Poverty 2010	Total Degree Centrality Support-Network (T1)	2.22	1.40	1.60	89	.116
County Percent Vote Democrat 2012	Betweenness Centrality Support-Network (T1)	-1.42	1.70	-0.83	99	.406
County Percent Vote Republican 2012	Betweenness Centrality Support-Network (T1)	1.42	1.70	0.83	99	.406
County Poverty by Population 2010	Betweenness Centrality Support-Network (T1)	-0.00	0.00	-0.93	93	.352
County Poverty by Population 2010	Eigenvector Centrality Support-Network (T1)	-0.00	0.00	-0.87	93	.386
County Poverty by Population 2010	Out-Degree Centrality Support-Network (T1)	-0.00	0.00	-0.80	93	.426
County Poverty by Population 2010	Total Degree Centrality Support-Network (T1)	-0.00	0.00	-0.74	86	.460
County Some College/2-Yr Degree 2010	In-Degree Centrality Support-Network (T1)	0.01	0.01	0.90	90	.373
County Some College/2-Yr Degree 2010	Out-Degree Centrality Support-Network (T1)	0.01	0.02	0.69	90	.491
County Some College/2-Yr Degree 2010	Total Degree Centrality Support-Network (T1)	0.02	0.02	0.78	90	.440

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 136: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
* Residualized change multiple regressions: controlling for age, race (minority/non-minority), and prior phases of the dependent variable						

Table 137: County Ecological Variables Predict Alter Weight and Reciprocity Variables (Study-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Alter Weight Study-Network (T1)	-0.00	0.00	-0.53	88	.603
County Average Income 2000	Tie Reciprocity Study-Network (T1)	0.00	0.00	0.43	86	.670
County Average Income 2000	Total Tie Reciprocity Study-Network (T1)	0.00	0.00	0.26	75	.795
County Average Income 2010	Tie Reciprocity Study-Network (T1)	0.00	0.00	0.32	81	.748
County Diversity 2000	Alter Weight Study-Network (T1)	0.10	0.19	0.55	90	.585
County Diversity 2010	Alter Weight Study-Network (T1)	0.10	0.22	0.48	89	.636
County Diversity 2010	Tie Reciprocity Study-Network (T1)	-0.04	0.14	-0.27	79	.788
County Education Total 2010	Alter Weight Study-Network (T1)	-0.00	0.00	-0.42	88	.679
County Education Total 2010	Total Tie Reciprocity Study-Network (T1)	0.00	0.00	0.35	80	.726
County Percent Change Minority 2000-2010	Alter Weight Study-Network (T1)	-0.10	0.08	-1.30	86	.188
County Percent Minority 2000	Alter Weight Study-Network (T1)	0.07	0.18	0.40	90	.690
County Percent Minority 2010	Tie Reciprocity Study-Network (T1)	0.03	0.10	0.29	84	.772
County Percent Minority 2010	Total Tie Reciprocity Study-Network (T1)	0.04	0.12	0.34	78	.736
County Percent Minority 2015	Tie Reciprocity Study-Network (T1)	0.03	0.09	0.35	86	.727
County Percent Minority 2015	Total Tie Reciprocity Study-Network (T1)	0.04	0.12	0.38	80	.707
County Percent Minority Increase 2000-2010	Alter Weight Study-Network (T1)	-0.52	0.50	-1.00	86	.300
County Percent Minority Increase 2000-2010	Tie Reciprocity Study-Network (T1)	0.28	0.31	0.90	84	.373
County Percent Minority Increase 2000-2010	Total Tie Reciprocity Study-Network (T1)	0.38	0.39	0.96	78	.338
County Percent Minority Increase Or Decrease 2000-2010	Alter Weight Study-Network (T1)	0.21	0.26	0.83	86	.409
County Percent Minority Increase Or Decrease 2000-2010	Tie Reciprocity Study-Network (T1)	0.04	0.15	0.26	88	.798
County Percent Minority Increase Or Decrease 2000-2010	Total Tie Reciprocity Study-Network (T1)	0.05	0.19	0.29	78	.774
County Percent Poverty 2010	Alter Weight Study-Network (T1)	0.19	0.32	0.62	88	.548
County Percent Poverty 2010	Tie Reciprocity Study-Network (T1)	0.15	0.19	0.79	86	.433
County Percent Poverty 2010	Total Tie Reciprocity Study-Network (T1)	0.21	0.27	0.77	80	.445
County Percent Vote Democrat 2012	Alter Weight Study-Network (T1)	0.17	0.16	1.00	94	.315
County Percent Vote Republican 2012	Alter Weight Study-Network (T1)	-0.17	0.16	-1.00	94	.315
County Poverty by Population 2010	Alter Weight Study-Network (T1)	-0.00	0.00	-0.49	93	.625
County Poverty by Population 2010	Total Tie Reciprocity Study-Network (T1)	0.00	0.00	0.39	80	.697
County Some College/2-Yr Degree 2010	Alter Weight Study-Network (T1)	0.00	0.00	0.69	86	.498
County Some College/2-Yr Degree 2010	Tie Reciprocity Study-Network (T1)	0.00	0.00	0.40	88	.693
County Some College/2-Yr Degree 2010	Total Tie Reciprocity Study-Network (T1)	0.00	0.00	0.72	78	.474
County Vote Leans Democrat 2012	Alter Weight Study-Network (T1)	-0.00	0.00	-0.82	94	.417

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 138: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
* Residualized change multiple regressions: controlling for age, race (minority/non-minority), and prior phases of the dependent variable						

Table 139: County Ecological Variables Predict Alter Weight and Reciprocity Variables (Friend-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Alter Weight Friend-Network (T1)	-0.00	0.00	-0.43	86	.672
County Average Income 2000	Tie Reciprocity Friend-Network (T1)	0.00	0.00	-0.06	56	.373
County Average Income 2000	Total Tie Reciprocity Friend-Network (T1)	-0.00	0.00	-0.26	50	.794
County Average Income 2010	Alter Weight Friend-Network (T1)	-0.00	0.00	-0.33	88	.741
County Average Income 2010	Tie Reciprocity Friend-Network (T1)	0.00	0.00	0.76	56	.451
County Average Income 2010	Total Tie Reciprocity Friend-Network (T1)	0.00	0.00	0.43	55	.668
County Diversity 2000	Alter Weight Friend-Network (T1)	0.19	0.34	0.55	86	.585
County Diversity 2000	Tie Reciprocity Friend-Network (T1)	-0.14	0.40	-0.36	56	.723
County Diversity 2000	Total Tie Reciprocity Friend-Network (T1)	0.15	0.37	0.41	54	.686
County Diversity 2010	Alter Weight Friend-Network (T1)	0.30	0.41	0.74	87	.474
County Diversity 2010	Tie Reciprocity Friend-Network (T1)	-0.22	0.53	-0.42	56	.680
County Education Total 2010	Alter Weight Friend-Network (T1)	-0.00	0.00	-0.46	88	.647
County Education Total 2010	Tie Reciprocity Friend-Network (T1)	-0.00	0.00	-0.90	56	.378
County Education Total 2010	Total Tie Reciprocity Friend-Network (T1)	0.00	0.00	0.40	46	.688
County Percent Change Minority 2000-2010	Alter Weight Friend-Network (T1)	-0.17	0.15	-1.10	86	.265
County Percent Change Minority 2000-2010	Tie Reciprocity Friend-Network (T1)	-0.05	0.20	-0.26	59	.794
County Percent Change Minority 2000-2010	Total Tie Reciprocity Friend-Network (T1)	-0.17	0.21	-0.82	50	.418
County Percent Minority 2000	Alter Weight Friend-Network (T1)	0.18	0.33	0.56	86	.574
County Percent Minority 2000	Tie Reciprocity Friend-Network (T1)	-0.14	0.36	-0.39	56	.697
County Percent Minority 2000	Total Tie Reciprocity Friend-Network (T1)	0.20	0.35	0.57	50	.571
County Percent Minority 2010	Alter Weight Friend-Network (T1)	0.15	0.32	0.47	90	.639
County Percent Minority 2010	Tie Reciprocity Friend-Network (T1)	-0.14	0.36	-0.39	56	.697
County Percent Minority 2010	Total Tie Reciprocity Friend-Network (T1)	0.24	0.35	0.67	50	.506
County Percent Minority 2015	Alter Weight Friend-Network (T1)	0.16	0.30	0.51	88	.613
County Percent Minority 2015	Tie Reciprocity Friend-Network (T1)	-0.12	0.33	-0.37	60	.713
County Percent Minority 2015	Total Tie Reciprocity Friend-Network (T1)	0.24	0.35	0.70	50	.490
County Percent Minority Increase 2000-2010	Alter Weight Friend-Network (T1)	-0.91	0.92	-0.99	81	.326
County Percent Minority Increase 2000-2010	Total Tie Reciprocity Friend-Network (T1)	0.49	1.16	0.42	45	.674
County Percent Minority Increase Or Decrease 2000-2010	Alter Weight Friend-Network (T1)	-0.35	0.49	-0.73	86	.472
County Percent Minority Increase Or Decrease 2000-2010	Tie Reciprocity Friend-Network (T1)	0.66	0.43	1.50	56	.131
County Percent Minority Increase Or Decrease 2000-2010	Total Tie Reciprocity Friend-Network (T1)	0.76	0.40	1.90	50	.060
County Percent Poverty 2010	Alter Weight Friend-Network (T1)	0.38	0.58	0.65	88	.520
County Percent Poverty 2010	Tie Reciprocity Friend-Network (T1)	0.92	0.59	1.60	56	.129
County Percent Poverty 2010	Total Tie Reciprocity Friend-Network (T1)	0.55	0.62	0.88	50	.405
County Percent Vote Democrat 2012	Alter Weight Friend-Network (T1)	0.15	0.31	0.50	94	.620
County Percent Vote Democrat 2012	Tie Reciprocity Friend-Network (T1)	-0.16	0.36	-0.45	56	.654
County Percent Vote Democrat 2012	Total Tie Reciprocity Friend-Network (T1)	0.11	0.35	0.32	48	.749
County Percent Vote Republican 2012	Alter Weight Friend-Network (T1)	-0.15	0.31	-0.50	94	.620
County Percent Vote Republican 2012	Tie Reciprocity Friend-Network (T1)	0.16	0.36	0.45	56	.654
County Percent Vote Republican 2012	Total Tie Reciprocity Friend-Network (T1)	-0.11	0.35	-0.32	48	.749
County Poverty by Population 2010	Alter Weight Friend-Network (T1)	-0.00	0.00	-0.42	88	.676
County Poverty by Population 2010	Tie Reciprocity Friend-Network (T1)	-0.00	0.00	-0.82	56	.421
County Poverty by Population 2010	Total Tie Reciprocity Friend-Network (T1)	0.00	0.00	0.46	46	.645
County Some College/2-Yr Degree 2010	Alter Weight Friend-Network (T1)	0.01	0.01	0.57	86	.587
County Some College/2-Yr Degree 2010	Tie Reciprocity Friend-Network (T1)	0.01	0.01	1.20	54	.250
County Some College/2-Yr Degree 2010	Total Tie Reciprocity Friend-Network (T1)	0.00	0.01	0.48	44	.630
County Vote Leans Democrat 2012	Alter Weight Friend-Network (T1)	-0.00	0.00	-0.45	94	.656
County Vote Leans Democrat 2012	Tie Reciprocity Friend-Network (T1)	0.00	0.00	0.56	59	.585

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 140: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
* Residualized change multiple regressions: controlling for age, race (minority/non-minority), and prior phases of the dependent variable						

Table 141: County Ecological Variables Predict Alter Weight and Reciprocity Variables (Support-Network)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Average Income 2000	Alter Weight Support-Network (T1)	-0.00	0.00	-1.10	88	.306
County Average Income 2000	Tie Reciprocity Support-Network (T1)	0.00	0.00	1.10	42	.285
County Average Income 2000	Total Tie Reciprocity Support-Network (T1)	0.00	0.00	0.39	36	.701
County Average Income 2010	Alter Weight Support-Network (T1)	-0.00	0.00	-1.10	88	.290
County Average Income 2010	Tie Reciprocity Support-Network (T1)	0.00	0.00	1.60	42	.126
County Average Income 2010	Total Tie Reciprocity Support-Network (T1)	0.00	0.00	0.58	36	.563
County Diversity 2000	Tie Reciprocity Support-Network (T1)	0.43	0.48	0.90	40	.396
County Diversity 2000	Total Tie Reciprocity Support-Network (T1)	0.81	0.50	1.60	34	.129
County Diversity 2010	Tie Reciprocity Support-Network (T1)	0.52	0.67	0.79	40	.465
County Diversity 2010	Total Tie Reciprocity Support-Network (T1)	0.73	0.68	1.10	35	.321
County Education Total 2010	Alter Weight Support-Network (T1)	-0.00	0.00	-1.00	88	.320
County Education Total 2010	Tie Reciprocity Support-Network (T1)	0.00	0.00	0.60	42	.556
County Percent Change Minority 2000-2010	Alter Weight Support-Network (T1)	-0.13	0.11	-1.10	86	.269
County Percent Change Minority 2000-2010	Tie Reciprocity Support-Network (T1)	-0.18	0.27	-0.67	40	.528
County Percent Change Minority 2000-2010	Total Tie Reciprocity Support-Network (T1)	-0.45	0.29	-1.50	34	.151
County Percent Minority 2000	Alter Weight Support-Network (T1)	0.09	0.25	0.35	86	.728
County Percent Minority 2000	Tie Reciprocity Support-Network (T1)	0.32	0.43	0.74	42	.463
County Percent Minority 2000	Total Tie Reciprocity Support-Network (T1)	0.95	0.47	2.00	34	.062
County Percent Minority 2010	Tie Reciprocity Support-Network (T1)	0.18	0.41	0.45	42	.657
County Percent Minority 2010	Total Tie Reciprocity Support-Network (T1)	0.77	0.46	1.70	34	.119
County Percent Minority 2015	Alter Weight Support-Network (T1)	0.08	0.23	0.34	88	.735
County Percent Minority 2015	Tie Reciprocity Support-Network (T1)	-0.16	0.42	-0.38	38	.708
County Percent Minority 2015	Total Tie Reciprocity Support-Network (T1)	0.51	0.47	1.10	36	.306
County Percent Minority Increase 2000-2010	Alter Weight Support-Network (T1)	-0.33	0.74	-0.44	86	.662
County Percent Minority Increase 2000-2010	Tie Reciprocity Support-Network (T1)	-1.09	1.33	-0.82	40	.417
County Percent Minority Increase 2000-2010	Total Tie Reciprocity Support-Network (T1)	-0.98	1.40	-0.70	34	.488
County Percent Minority Increase Or Decrease 2000-2010	Alter Weight Support-Network (T1)	0.29	0.38	0.77	86	.441
County Percent Poverty 2010	Alter Weight Support-Network (T1)	0.68	0.45	1.50	88	.141
County Percent Poverty 2010	Tie Reciprocity Support-Network (T1)	-1.26	0.74	-1.70	42	.102
County Percent Poverty 2010	Total Tie Reciprocity Support-Network (T1)	-1.67	0.77	-2.20	36	.037
County Percent Vote Democrat 2012	Alter Weight Support-Network (T1)	0.18	0.24	0.77	94	.440
County Percent Vote Democrat 2012	Tie Reciprocity Support-Network (T1)	0.37	0.42	0.87	42	.390
County Percent Vote Democrat 2012	Total Tie Reciprocity Support-Network (T1)	0.18	0.47	0.39	35	.701
County Percent Vote Republican 2012	Alter Weight Support-Network (T1)	-0.18	0.24	-0.77	94	.440
County Percent Vote Republican 2012	Tie Reciprocity Support-Network (T1)	-0.37	0.42	-0.87	42	.390
County Percent Vote Republican 2012	Total Tie Reciprocity Support-Network (T1)	-0.18	0.47	-0.39	35	.701
County Poverty by Population 2010	Alter Weight Support-Network (T1)	-0.00	0.00	-0.93	88	.359
County Poverty by Population 2010	Tie Reciprocity Support-Network (T1)	0.00	0.00	0.56	42	.583
County Some College/2-Yr Degree 2010	Alter Weight Support-Network (T1)	0.00	0.01	0.52	90	.605
County Some College/2-Yr Degree 2010	Tie Reciprocity Support-Network (T1)	0.00	0.01	0.31	37	.759
County Some College/2-Yr Degree 2010	Total Tie Reciprocity Support-Network (T1)	-0.01	0.01	-0.93	36	.368
County Vote Leans Democrat 2012	Alter Weight Support-Network (T1)	-0.00	0.00	-0.71	94	.481
County Vote Leans Democrat 2012	Tie Reciprocity Support-Network (T1)	-0.00	0.00	-0.81	42	.428
County Vote Leans Democrat 2012	Total Tie Reciprocity Support-Network (T1)	-0.00	0.00	-0.44	35	.664

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Table 142: Filtered by Significant Results (p<.05)

Independent Variable	Dependent Variable	Est.	SE	t	df	p
County Percent Poverty 2010	Total Tie Reciprocity Support-Network (T1)	-1.67	0.77	-2.20	36	.037

* Residualized change multiple regressions:
controlling for age, race (minority/non-minority),
and prior phases of the dependent variable

Appendix 3

Codebook: surveys, scales, variables, manual

Table of Contents

Pre-Measures, 2015

Social Network Questions – Friends in Course

Social Network Questions – Study Networks

Social Network Questions – Support Networks

Demographics

Post-Measures, 2015

Social Network Questions – Friends in Course

Social Network Questions – Study Networks

Social Network Questions – Support Networks

Pre-Measures, 2016

Social Network Questions – Friends in Course

Social Network Questions – Study Networks

Social Network Questions – Support Networks

Social Network Questions – Everyday Discrimination Scale

Multigroup Ethnic Identity Measure

Colorblindness and Multiculturalism Scale

Group Project Preferences

Demographics

Post-Measures, 2016

Social Network Questions – Friends in Course

Social Network Questions – Study Networks

Social Network Questions – Support Networks

Social Network Questions – Everyday Discrimination Scale

Multigroup Ethnic Identity Measure
Colorblindness and Multiculturalism Scale

Pre Measures, 2015

Social Network Questions – Friends in Course

Full citation: Lab created.

Description of scale: One question with three components, asking for friends' names and then assessing each friendship in the course.

Scale points: Higher number indicates closer perceived friendship.

Items:

- “Which students in this course, if any, do you consider to be your friends? Please list all students in this course who you consider to be your friends, giving both FIRST AND LAST NAMES.”
- “How CLOSE do you feel to this person?”
1 = Not very close, 2, 3, 4, 5 = Very close

Social Network Questions – Study Networks

Full citation: Lab created.

Description of scale: Two questions assessing the strength of specific study networks.

Scale points: Higher number indicates higher frequency of studying.

Items:

- “Which students in this course, if any, do you study or do work for class with? Please list all students in this course with whom you study, giving both FIRST AND LAST NAMES.”
- “How OFTEN will you study with this person?”
1 = Occasionally (once a month or less), 2 = Sometimes (once a week to twice a month), 3 = Frequently (every day to twice a week)

Social Network Questions – Support Networks

Full citation: Lab created.

Description of scale: Two questions assessing the strength of specific support networks.

Scale points: Higher number indicates higher perception of support.

Items:

- “Which students in this course, if any, would you go to for support with a problem in this course or other personal matters? Please list all students in this course whom you would go to

for support, giving both FIRST AND LAST NAMES.”

- “How frequently would you turn to this person for support if you had a problem?”
1 = Rarely, 2 = Sometimes, 3 = Often, 4 = Always

Demographics

Full citation: Lab created.

Description of scale: 6 questions about background information and school standing.

Scale points: Each item differs, see below.

Items:

- “What year are you at Columbia?”
1st (freshman) = 1, 2nd (sophomore) = 2, 3rd (junior) = 3,
4th (senior) = 4, 5th or more = 5, Post-bac student = 6, Other
(list) = 7
- “What school do you attend at Columbia (e.g. Columbia College, Barnard
College, General Studies, School of Engineering and Applied
Science?”
- “What is your age?”
- “Which best describes your gender?”
1 = Male, 2 = Female, 3 = Other/Prefer not to say
- “Please check as many as apply for your race/ethnicity:”
1 = American Indian/Native American, 2 = Asian/Asian American,
3 = Black/African American, 4 = Latino/Hispanic, 5 = Multi-racial/Multi-ethnic
(please list), 6 = Middle Eastern, 7 = Pacific Islander, 8 =
White/European American, 9 = Prefer not to say, 10 = Other
(please describe)
- “Please list below the names of any extracurricular activities that you are involved with. This
can be student groups, sports teams, political groups, etc.”

Note: Need to check to see if these numbers match original coding on scale.

Post Measures, 2015

Social Network Questions – Friends in Course

Same as in pre-measure

Social Network Questions – Study Networks

Same as in pre-measure

Social Network Questions – Support Networks

Same as in pre-measure

Pre Measures, 2016

Social Network Questions – Friends in Course

Full citation: Lab created.

Description of scale: One question with three components, asking for friends' names and then assessing each friendship in the course.

Scale points: Each item differs, see below.

Items:

- “Please list all students in this course who you consider to be your friends, giving both FIRST AND LAST NAMES.”
- “How CLOSE do you feel to this person?”
1 = Not very close, 2, 3, 4, 5 = Very close
- “Are you friends with this person on Facebook or other social media?”

Social Network Questions – Study Networks

Full citation: Lab created.

Description of scale: Two questions assessing the strength of specific study networks.

Scale points: Each item differs, see below.

Items:

- “Please list all students in this course who you consider to be your friends, giving both FIRST AND LAST NAMES.”
- “How OFTEN will you study with this person?”
Almost never (1), About once a month (2), Twice a month to once a week (3), 2-3 times per week (4), 4 times per week to every day (5)

Social Network Questions – Support Networks

Full citation: Lab created.

Description of scale: Three questions assessing the strength of specific support networks in the course.

How to interpret scale: Higher numbers indicate more support.

Scale points: Each item differs, see below.

Items:

- “Please list all students in this course whom you would go to for support, giving both FIRST AND LAST NAMES.”

- “How FREQUENTLY would you turn to this person for support if you had a problem?”
Almost never (1), Rarely (2), Sometimes (3), Very often (4), Always (5)

Everyday Discrimination Scale

Full citation: Williams, D.R., Yu, Y., Jackson, J.S., and Anderson, N.B. “Racial Differences in Physical and Mental Health: Socioeconomic Status, Stress, and Discrimination.” *Journal of Health Psychology*. 1997; 2(3):335-351.

Description of scale: 9 questions to measure perceived everyday discrimination.

How to interpret scale: Items differ, see below.

Notes: Adapted for Columbia environment, and added component of perceived reason for discrimination. Original questions used from EDS: 2, 4, 6, 7

9 Items:

For all questions: “In your day-to-day life, how often do any of the following things happen to you at Columbia?”

Scale for all questions: Never = 1, Less than once a year = 2, A few times a year = 3, A few times a month = 4, At least once a week = 5, Almost everyday = 6

- “You are treated with less respect than other people.”
- If applicable, which of the following is the main reason for this experience?
N/A = 1, My race/ethnicity = 2, My religion = 3, My sexual orientation = 4, My gender = 5, My age = 6, My appearance = 7, My academic performance = 7, Something else = 8
- “People act as if they are better than you.”
- “People act as if you are dishonest.”
- “You are threatened or harassed.”
- “People act as if you are not smart.”

Multigroup Ethnic Identity Measure

Full citation: Phinney, J. (1992). The Multigroup Ethnic Identity Measure: A new scale for use with adolescents and young adults from diverse groups. *Journal of Adolescent Research*, 7, 156-176.

Description of scale: Measure of identification with ethnic background.

How to interpret scale: Higher number indicates stronger identification with ethnic background.

Notes: Four questions omitted from original scale: 1, 6, 8, 10. Also, original scale asks for participants to identify ethnicity and includes statement at beginning that: “Many different words

to describe the different backgrounds or ethnic groups that people come from. Some examples of the names of ethnic groups are Hispanic or Latino, Black or African American, Asian American, Chinese, Filipino, American Indian, Mexican American, Caucasian or White, Italian American, and many others. These questions are about your ethnicity or your ethnic group and how you feel about it or react to it.”

Items:

Scale for all questions: Strongly disagree = 1, Disagree = 2, Agree = 3, Strongly Agree = 4

- “I am active in organizations or social groups that include mostly members of my own ethnic group.”
- “I have a clear sense of my ethnic background and what it means for me.”

(3) “I think a lot about how my life will be affected by my ethnic group membership.”

(4) “I am happy that I am a member of the group I belong to.”

(5) “I understand pretty well what my ethnic group membership means to me.”

(6) “I have a lot of pride in my ethnic group.”

(7) “I feel a strong attachment towards my own ethnic group.”

(8) “I feel good about my cultural or ethnic background.”

Colorblindness and Multiculturalism Scale

Full citation: Morrison, K. R., Plaut, V. C., & Ybarra, O. (2010). Predicting whether multiculturalism positively or negatively influences White Americans' intergroup attitudes: The role of ethnic identification. *Personality and Social Psychology Bulletin*, 0146167210386118.

Description of scale: 9 questions to measure attitudes toward multiculturalism and colorblindness.

How to interpret scale: Higher numbers in multiculturalism indicate greater openness to multiculturalism; higher numbers in colorblindness indicate stronger attitudes of colorblindness.

Scoring instructions: Average items 1, 4, 7, and 9 to compute the multiculturalism subscale composite, and average items 2, 3, 5, 6, and 8 to compute the colorblindness subscale composite.

Notes: Both scales combined into one on Qualtrics; omitted multiculturalism question #4.

Multiculturalism Scales:

- Colorblind1 = “We must appreciate the unique characteristics of different racial and ethnic groups in order to have a cooperative society.”
- Colorblind2 = “Learning about the similarities between racial and ethnic groups will help us develop a more harmonious society.”

- Colorblind3 = “When interacting with other people, it is very important to remember that putting racial and ethnic labels on people obscures the fact that everyone is a unique individual.”
- Colorblind4 = “When interacting with a member of a racial/ethnic group that is different from your own, it is very important to take into account the history and cultural traditions of that person’s group.”
- Colorblind5 = “We must stop obsessing so much about race and ethnicity in order to have a cooperative society.”
- Colorblind6 = “If we want to help create a harmonious society, we must recognize that race and ethnicity are artificial labels that keep people from thinking freely as individuals.”
- Colorblind7 = “Learning about the ways that different racial and ethnic groups resolve conflict will help us develop a more harmonious society.”
- Colorblind8 = “In order to live in a cooperative society, everyone must remember that we’re all just human and not become preoccupied with race and ethnicity.”
- Colorblind9 = “In order to live in a cooperative society, everyone must learn the unique histories and cultural experiences of different racial and ethnic groups.”

Group Project Preferences

Full citation: Lab created.

Description of scale: 2 questions to determine preference of individual or group projects.

How to interpret scale: Higher numbers indicate greater like for group projects.

Items:

- “How do you feel about group projects in general?”
1 = Strongly Dislike, 2 = Dislike, 3 = Neither like nor dislike,
4= Like, 5 = Strongly Like
- “Do you prefer working in a group or working alone for important class assignments?”
1 = Strongly prefer working alone, 2 = Prefer working alone, 3
= No preference, 4 = Prefer group projects, 5 = Strongly prefer
group projects

Demographics

Full citation: Lab created.

Description of scale: 10 questions on background before Columbia, as well as current Columbia University information.

How to interpret scale: Each question differs, see below.

- “What year are you at Columbia?”

1 = 1st/ Freshman, 2 = 2nd/Sophomore, 3 = 3rd/Junior, 4 = 4th/Senior, 5 = 5th or more, 6 = Post=bac student, 7 = Other (fill in)

- “What school do you attend at Columbia?”

1 = Columbia College, 2 = Barnard College, 3 = School of General Studies, 4 = Fu Foundation School of Engineering and Applied Science, 5 = Other (fill in)

- “What is your age?”

18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80

- “Which best describes your gender?”

1 = Male, 2 = Female, 3 = Other/Prefer not to Say

- “Please click as many apply for your race/ethnicity:”

1 = American Indian/Native American, 2 = Asian/Asian American, 3 = Black/African American, 4= Latino/Hispanic, 5 = Middle Eastern, 6 = Pacific Islander, 7 = White/European American, 8 = Prefer not to Say, 9 = Multi-racial/Multi-ethnic (please list), 10 = Other (please describe)

- “Please click the categories and list below the names of any extracurricular activities that you are involved with.”

1 = Athletics (please indicate intramural or varsity), 2 = Greek Life, 3 = Volunteer/Service, 4 = Student Government, 5 = Academic/Professional Organizations, 6 = Artistic Organization, 7= Multicultural Activities, 8 = Other, 9 = N/A

- “What is your major?”

1 = Psychology, 2 = Other (please list)

- “Do you live on or off campus?”

1 = On campus, undergrad dorm, 2 = On campus, other Columbia housing, 3 = Off campus, in Morningside Heights, 4 = Off campus, outside Morningside Heights

- “Are you a native English speaker?”

1 = Yes, 2 = Yes, bilingual (please indicate other native languages, 3 = No (please indicate native language))

- “Please list the name and city where you went to high school.”

Post Measures, 2016

Social Network Questions – Friends in Course

Same as in pre-measure

Social Network Questions – Study Networks

Same as in pre-measure

Social Network Questions – Support Networks

Same as in pre-measure

Everyday Discrimination Scale

Same as in pre-measure

Multigroup Ethnic Identity Measure

Same as in pre-measure

Colorblindness and Multiculturalism Scale

Same as in pre-measure

Appendix 4

GitHub repository, code, and data access

All code, data, LaTeX documents, functions files, and write-ups are available at Samantha Rhoads's GitHub user profile under the repository [thesis](#). In order to access the contents of the repository, please email skr2150@columbia.edu with the subject Request Access to Thesis GitHub Repo and a short description of who you are and your intentions with access to the data.

The main statistical languages used for this project were R and Python. LaTeX was used to format the final document.

For additional questions, you can message Samantha Rhoads at 408-510-1143 or shoot me an email at skr2150@columbia.edu or samantha.rhoads@jacksonlewis.com.

Thanks for your interest!

Samantha Rhoads
srhoads

My name is Sam and I'm a Columbia University undergrad/joint Master's student from the Bay Area. I'm a fan of social network analysis and more.

Jackson Lewis
NYC

[Edit](#)

Organizations

[Organization Name]

Figure 1: GitHub

c. [US] | <https://github.com/srhoads/thesis>

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20 commits 1 branch 0 releases 1 contributor

Branch: master [New pull request](#) [Create new file](#) [Upload files](#) [Find file](#) [Clone or download](#)

Commit	Message	Time
srhoads gitignore	Latest commit 6953af0 44 seconds ago	
Ego Network Data	reduce gitignore	11 days ago
data	lots of stats and images latex too	10 days ago
manuals/2015_2016	stuff	11 days ago
presentation	less gitignore	11 days ago
stats	thesis docx and pdf	2 minutes ago

Figure 2: GitHub repo