An Examination of Factors Affecting State Legislators’ Support for Parity Laws for Different Mental Illnesses

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Abstract
Mental health parity legislation can improve mental health outcomes. U.S. state legislators determine whether state parity laws are adopted, making it critical to assess factors affecting policy support. This study examines the prevalence and demographic correlates of legislators’ support for state parity laws for four mental illnesses—major depression disorder, post-traumatic stress disorder (PTSD), schizophrenia, and anorexia/bulimia. Using a 2017 cross-sectional survey of 475 U.S. legislators, we conducted bivariate analyses and multivariate logistic regression. Support for parity was highest for schizophrenia (57%), PTSD (55%), and major depression (53%) and lowest for anorexia/bulimia (40%). Support for parity was generally higher among females, more liberal legislators, legislators in the Northeast region of the country, and those who had previously sought treatment for mental illness. These findings highlight the importance of better disseminating evidence about anorexia/bulimia and can inform dissemination efforts about mental health parity laws to state legislators.

Keywords Dissemination · Policymaker · State legislators · Mental health · Parity laws · Implementation science

Introduction
Mental illness is a significant contributor of morbidity and mortality in the United States, affecting more than 40 million adults each year (Center for Behavioral Health Statistics and Quality, 2015). Public policies can have positive impacts on mental health either directly (e.g., implementing evidence-based mental health practices) or indirectly (e.g., improving healthcare infrastructure or addressing housing insecurity) (Purtle, Nelson, Bruns, et al., 2020; Purtle, Nelson, Counts, et al., 2020; Raghavan et al., 2008). Mental health parity laws seek to provide financial protection and improved insurance coverage (Beronio et al., 2014; Busch et al., 2013; Frank et al., 2014), as mental health services were historically associated with higher out-of-pocket costs and additional restrictions for service use and treatment (Goodell, 2014). Parity legislation is evidence-informed, having been reviewed and recommended by the US Community Preventive Services Task Force, and there is a continuum of coverage provided by parity laws. For example, some parity legislation may only extend to specific behavioral health conditions, while other laws may provide full, comprehensive coverage for all behavioral health conditions (Sipe et al., 2015).
Within the United States, mental health parity laws include both federal-level (e.g., the Mental Health Parity Act in 1996, the Mental Health Parity and Addiction Equity Act in 2008, and the Patient Protection and Affordable Care Act in 2010) and state-level legislation (e.g., comprehensive state behavioral health parity legislation (C-SBHPL)) (Community Preventive Services Task Force, 2012, 2015). While not uniformly applied across settings and populations, these policies have expanded mental healthcare coverage and reduced financial burden for millions of Americans (Beronio et al., 2014; Ettner et al., 2018).

There are several challenges to introducing, passing, and implementing parity legislation, such as C-SBHPL. First, legislators’ knowledge of a public health issue and use of research evidence impact policymaking (Bogenschneider et al., 2019). Unfortunately, there is often difficulty disseminating and communicating research findings to legislators, as well as limited research concerning how to increase the use of evidence among legislators and narrow the research-policy gap (Oliver et al., 2014; Purtle, Lê-Scherban et al., 2019; Purtle, Nelson, Bruns, et al., 2020; Purtle, Nelson, Counts, et al., 2020; Purtle, Brownson, et al., 2017; Purtle, Dodson, et al., 2018; Purtle, Goldstein, et al., 2017; Purtle, Lê-Scherban, et al., 2017; Votruba et al., 2020; Williamson et al., 2015). In the case of mental health parity laws, there are misconceptions about the financial impacts of these policies, with widespread concerns about higher insurance premiums due to the policies (Barry et al., 2010). The concerns deterred support for mental health parity laws and delayed progress until research containing updated cost projections was disseminated (Barry et al., 2006, 2010; Goldman et al., 2006).

Second, policy support can be impacted by factors like legislators’ demographics or personal beliefs; these effects have been documented both theoretically and empirically (Purtle et al., 2018; Purtle, Dodson, et al., 2018). For example, Corrigan and Watson included political ideology in their theoretical model describing mental health resource distribution (Corrigan & Watson, 2003). Previous studies have found associations between legislator characteristics (e.g., gender and race) and support for policies targeting tobacco (Cohen et al., 2002; de Guia et al., 2003; Goldstein et al., 1997), obesity (Welch et al., 2012), firearms (Payton et al., 2015), and mental health (Purtle et al., 2019a; Purtle, Lê-Scherban, et al., 2018). Research has also distinguished between legislator characteristics that can (e.g., beliefs about a policy) and cannot (e.g., political party affiliation) be changed and has examined their effect on support for comprehensive state behavioral health parity legislation (Purtle, Lê-Scherban, Wang, Brown, et al., 2019; Purtle, Lê-Scherban, Wang, Shattuck, et al., 2019). To complement the existing literature, there is a need for additional exploration of legislators’ characteristics, which can be used to better frame, tailor, and disseminate mental health policy-relevant information (Purtle, Brownson, et al., 2017; Purtle, Goldstein, et al., 2017; Purtle, Lê-Scherban, et al., 2017).

Lastly, stigma and personal experience with mental illness can further impact support for parity laws (McGinty et al., 2015, 2018; Pescosolido et al., 2010). Research has documented how gender (Corrigan & Watson, 2007), ethnicity (Corrigan & Watson, 2007; WonPat-Borja et al., 2012), education levels (Corrigan & Watson, 2007; Phelan & Link, 2004), and political ideology (DeLuca & Yanos, 2016; Vaccaro et al., 2018) are associated with the stigmatization of people with mental illness. Stigma can also vary based on the mental illness and accompanying diagnosis. For example, numerous studies have described the higher levels of stigmatization associated with mental illnesses such as schizophrenia or psychosis, compared to mental illnesses like major depression or substance use (Krendl & Freeman, 2019; McGinty et al., 2015; Pescosolido et al., 2010, 2013). However, experience with mental illness—either personally or through a close connection—has been associated with greater political and financial support of mental illness (McSween, 2002). With regard to legislators, perceptions of and experience with mental illness can impact both mental health resource allocation and policymaking, making them important factors to consider within policy research (Corrigan & Watson, 2003; Corrigan et al., 2004).

While previous studies have explored how legislator characteristics, such as knowledge (Bogenschneider et al., 2019), demographics (Cohen et al., 2002; de Guia et al., 2003; Goldstein et al., 1997; Payton et al., 2015; Purtle et al., 2019a; Purtle, Lê-Scherban, et al., 2018; Welch et al., 2012), and stigma (Nelson & Purtle, 2020; Purtle, Lê-Scherban, Wang, Brown, et al., 2019; Purtle, Lê-Scherban, Wang, Shattuck, et al., 2019) can impact policy support, to our knowledge, no study has examined predictors of variation for mental health parity coverage for different mental illnesses. To fill these gaps, this study compared support across four mental illnesses—major depression disorder, post-traumatic stress disorder (PTSD), schizophrenia, and anorexia/bulimia. This information may be used to better tailor mental health research evidence for policymakers, which can impact their understanding of a policy issue and, consequently, their support.

**Methods**

**Sample and Data Sources**

Data came from a survey of U.S. state legislators as part of a larger study designed to examine policymakers’ knowledge and attitudes regarding C-SBHPL and develop a conceptual framework to disseminate evidence to policymakers (Purtle,
Brownson et al., 2017; Purtle, Goldstein, et al., 2017; Purtle, Lê-Scherban et al., 2017). Data were collected between March and September 2017 using a combination of postal mail, email, and telephone collection methods. The survey was designed using previous public opinion surveys as a guide; additional details about survey development and recruitment methods have been previously published (Purtle, Lê-Scherban, Wang, Shattuck et al., 2019; Purtle, Brownson et al., 2017; Purtle, Dodson et al., 2018; Purtle, Goldstein et al., 2017; Purtle, Lê-Scherban et al., 2017). The full survey instrument is available in Appendix 1. The study was approved by the Drexel University Institutional Review Board (1608004754).

A random, state-stratified sample of 2902 legislators were contacted, with a total of 475 responses (response rate = 16.4%). This response rate was comparable to or higher than previous surveys of legislators (Anderson et al., 2016, 2020; Pagel et al., 2017; Zhu et al., 2018). Previous analyses of this dataset found that respondents were more likely to be female (33% versus 23%, p < .001), Democrat (49% versus 42%, p = .001), and from the Midwest (31% versus 23%, p < .001), compared to nonrespondents (Purtle, Lê-Scherban, Wang, Brown et al., 2019; Purtle, Lê-Scherban et al., 2018). To account for these differences and increase our confidence that our results could be applied to the entire population of state legislators, we calculated and applied nonresponse weights for gender, political party, and geographic region using a sample post-stratification approach, an approach which has been used in previous analyses of this survey dataset (Nelson & Purtle, 2020; Purtle, Lê-Scherban et al., 2018; Purtle, Lê-Scherban, Wang, Brown et al., 2019; Purtle, Lê-Scherban, Wang, Shattuck et al., 2019; Purtle, Dodson et al., 2018).

Variables

Dependent variables were the extent to which legislators thought that health insurance companies should be required to provide coverage for four common mental illnesses (major depression disorder, post-traumatic stress disorder, schizophrenia, and anorexia/bulimia) that was equal to physical coverage. Legislators’ support or opposition was measured using a 5-point Likert scale (1 = strongly oppose; 5 = strongly support). Due to the ordinal nature of the variables, these items were dichotomized as “strongly support” (yes, no). This was consistent with how the parity support variable was operationalized in the prior studies using this dataset (Nelson & Purtle, 2020; Purtle, Lê-Scherban, Wang, Brown et al., 2019; Purtle, Lê-Scherban, Wang, Shattuck et al., 2019; Purtle, Dodson et al., 2018; Purtle, Lê-Scherban et al., 2018).

Independent variables included eight legislator characteristics. Information regarding legislators’ gender (male, female) and political party (Republican, Democrat, other) were gathered via the National Conference of State Legislatures’ contact database. Legislators’ geographical region (Midwest, Northeast, South, West), education level (college or less, postgraduate degree), involvement on a health committee (yes, no), and years spent in office (≤ 5, 6 + years) were gathered via survey. Legislators’ political ideology was also included, a variable constructed in previous studies (Purtle et al., 2019a; Purtle, Lê-Scherban et al., 2018). Political ideology encompassed legislators’ personal views on both social and fiscal issues using a 14-point scale (≤ 6 = liberal, 7–9 = moderate, 10–14 = conservative). Lastly, legislators’ experience with mental illness was assessed by asking whether they had ever personally sought treatment for a mental illness (yes, no).

Data Analysis

Descriptive statistics were used to characterize the sample and the proportion of legislators that strongly supported parity for major depression, PTSD, schizophrenia, and anorexia/bulimia. Nonresponse weights were calculated, and a poststratification approach was used to adjust for differences between respondents and nonrespondents (Holt & Elliot, 1991). Bivariate analyses were conducted to compare strong support for each mental illness with legislator characteristics. Finally, we used multilevel (legislators within states) random-intercept binary logistic regression models to explore associations between legislator characteristics and support for parity for each mental illness. The multilevel models accounted for the clustering of support for parity for each mental illness among legislators in the same state (intraclass correlation coefficients = 0.10, depression; 0.05, PTSD; 0.08, schizophrenia; and 0.10, anorexia/bulimia). All analyses were performed with STATA 15.1.

Results

Within the sample, the majority of legislators were male (75%), Republican (54%), and had earned a college degree or less (51%) (Table 1). Respondents represented legislators from the Northeast (19%), South (32%), Midwest (24%), and West (25%), and 18% reported seeking treatment for a mental illness in the past. Most legislators reported strong support of parity for major depression (53%), PTSD (55%), and schizophrenia (57%). However, only 40% of respondents supported parity for anorexia/bulimia (Table 2). Across each of the four mental illnesses, support for parity was highest among females (compared to males), Democrats (compared to Republicans or Others), those identifying as ideologically liberal (compared to moderate or conservative), and those who had sought treatment for a mental
health issue (compared to those who had not). For example, 60% of female respondents strongly supported parity for anorexia/bulimia, compared to only 30% of males (p < .001) (Table 2). In the multivariate analyses, after adjusting for political party, geographical region, and personal experience with mental illness, a female legislator was 81% more likely than a male legislator to support parity for schizophrenia. Female legislators also had higher odds of supporting parity for anorexia/bulimia (AOR = 2.09; 95% CI 1.24, 3.53) (Table 3).

Among respondents, 80% of Democrats strongly supported parity for major depression, compared to 31% of Republicans (p < .001), with similar proportions for PTSD and schizophrenia (p < .001). Identifying as a Democrat was associated with higher odds of supporting parity for major depression (AOR = 2.76; 95% CI 1.29, 5.91) and PTSD (AOR = 2.43; 95% CI 1.21, 4.85) compared to Republicans or Others. Similarly, nearly 90% of ideologically liberal legislators supported parity for PTSD and schizophrenia, compared to only 30% of conservative legislators (p < .001). Compared to conservative respondents, liberal legislators also had significantly higher odds of supporting parity for major depression (AOR = 7.74; 95% CI 3.24, 18.51), PTSD (AOR = 8.69; 95% CI 3.68, 20.54), schizophrenia (AOR = 7.78; 95% CI 3.29, 18.40), and anorexia/bulimia (AOR = 8.86; 95% CI 3.83, 20.49), after adjusting for gender, political party, geographical region, and personal experience with mental illness. While the magnitude was smaller, ideologically moderate respondents had higher odds of supporting parity as well, compared to conservative legislators.

Lastly, there was an association between legislators' geographical region and support for parity. For instance, 80% of legislators from the Northeast strongly supported parity for major depression, compared to 55%, 53%, and 37% from the West, Midwest, and South, respectively (p < .001). In multivariate analyses, legislators from the Northeast had significantly higher odds of supporting parity for depression (AOR = 6.27; 95% CI 2.28, 17.30), PTSD (AOR = 2.92; 95% CI 1.24, 6.88), schizophrenia (AOR = 2.94; 95% CI 1.18, 7.34) and anorexia/bulimia (AOR = 4.42; 95% CI 1.70, 11.47), compared to legislators from the South. In the regression models, personal experience with a mental illness was not a statistically significant predictor of support for parity, after adjusting for gender, political party, geographical region, and political ideology.

**Discussion**

This study explored the relationship between legislator characteristics and variation in support for mental health parity laws for major depression, PTSD, schizophrenia, and anorexia/bulimia. Building on the existing literature surrounding perceptions of mental illness and support for mental health parity laws, legislators' support for parity was highest for schizophrenia (57%) and PTSD (55%), followed by major depression (53%) and anorexia/bulimia (40%). Support for parity was generally higher among females, more liberal legislators, legislators in the Northeast region of the country, and those who had previously sought treatment for mental illness.

After multivariate adjustment, several legislator characteristics were predictors of support for parity, and the associated characteristics varied by mental illness. For example, gender was a significant predictor of support for parity for both schizophrenia and anorexia/bulimia, with female legislators being more supportive than males. Political party was a predictor of support for major depression and PTSD, with Democrats being more likely to support parity than Republican legislators. Compared to legislators in the South, those in the Northeast region were statistically more likely to support parity for each of the four mental illnesses. Ideology...
was the strongest predictor of support for major depression, PTSD, schizophrenia, and anorexia/bulimia, with liberal legislators more frequently supporting parity. Whether a legislator had previously sought treatment for a mental illness was not a significant predictor in the regression models. These study findings are generally consistent with previous work involving policymakers’ support for public health legislation (Nelson & Purtle, 2020; Purtle, Goldstein, et al., 2017; Purtle, Lê-Scherban, Wang, Brown, et al., 2019; Purtle, Lê-Scherban, et al., 2018). Research has highlighted associations between public health policy support and legislator characteristics, such as gender, political party affiliation, and geographic location. For example, a 2017 study by Purtle and colleagues examined voting records of U.S. Senators in relation to public health policy recommendations and found that Democratic legislators and female legislators were more likely to support public health policies (Purtle, Goldstein, et al., Purtle, Goldstein, et al., 2017). They also reported that Southern Senators voted in support of public health policies less often than Senators from other regions of the country (Purtle, Goldstein, et al., Purtle, Goldstein, et al., 2017). Legislator characteristics, such as female gender and liberal political ideology have also been linked to greater levels of support for comprehensive state behavioral health parity legislation and opioid use disorder parity legislation. Lastly, while personal experience with a mental illness has been linked to greater support of government spending (McSween, 2002) and legislation (Barry et al., 2010) for mental health, this was

Table 2 Support for mental health parity for four mental illnesses among legislators, by legislator characteristic, United States, 2017 (n = 475)

| Characteristic                          | Major depression | PTSD | Schizophrenia | Anorexia/Bulimia |
|----------------------------------------|------------------|------|---------------|------------------|
|                                        | N    | %a  | p^b           | N    | %a  | p^b           | N    | %a  | p^b           | N    | %a  | p^b           |
| All legislators                        | 278  | 53  |               | 281  | 55  |               | 291  | 57  |               | 218  | 40  |               |
| Gender                                 |      |     | <.001         |      |     | <.001         |      |     | <.001         |      |     | <.001         |
| Male                                   | 164  | 48  | 166 50        | 168  | 50  | 172 51        | 172  | 51  | 116 33        | 119  | 75  | 102 60        |
| Female                                 | 114  | 69  | 113 69        | 113  | 69  | 119 75        | 119  | 75  | 102 60        | 119  | 75  | 102 60        |
| Highest level of education             | .923 | .599|               | .220 | .661|               |      |     |               |      |     |               |
| College degree or less                  | 142  | 53  | 148 56        | 143  | 54  | 147 60        | 108  | 39  |               | 109  | 41  |               |
| Postgraduate degree or more            | 135  | 54  | 132 54        | 132  | 54  | 137 60        | 109  | 41  |               | 109  | 41  |               |
| Political party                        | <.001| .001|               | <.001| .001|               | <.001| .001|               | <.001| .001|               |
| Democrat                               | 191  | 80  | 188 80        | 190  | 81  | 190 81        | 160  | 66  |               | 160  | 66  |               |
| Republican                             | 69   | 31  | 74 34         | 83   | 37  | 42 18         | 42   | 18  |               | 42   | 18  |               |
| Other                                  | 18   | 76  | 19 80         | 18   | 76  | 18 76         | 16   | 67  |               | 16   | 67  |               |
| Ideology                               | <.001| .001|               | <.001| .001|               | <.001| .001|               | <.001| .001|               |
| Conservative                           | 55   | 26  | 64 31         | 68   | 33  | 63 15         | 63   | 15  |               | 63   | 15  |               |
| Liberal                                | 139  | 87  | 141 89        | 139  | 89  | 125 77        | 125  | 77  |               | 125  | 77  |               |
| Moderate                               | 82   | 69  | 75 64         | 82   | 71  | 58 46         | 58   | 46  |               | 58   | 46  |               |
| Member of a health committee           | .392 | .872|               | .433 | .609|               |      |     |               |      |     |               |
| No                                     | 170  | 52  | 177 55        | 177  | 56  | 134 39        | 134  | 39  |               | 134  | 39  |               |
| Yes                                    | 108  | 56  | 104 56        | 114  | 60  | 84 42         | 84   | 42  |               | 84   | 42  |               |
| Years as a legislator                  | .951 | .211|               | .678 | .261|               |      |     |               |      |     |               |
| ≤ 5                                    | 134  | 53  | 134 52        | 139  | 56  | 103 37        | 103  | 37  |               | 103  | 37  |               |
| ≥ 6                                    | 143  | 53  | 146 58        | 151  | 58  | 114 43        | 114  | 43  |               | 114  | 43  |               |
| U.S. census region                     | <.001| <.001|               | <.001| <.001|               | <.001| <.001|               | <.001| <.001|               |
| Northeast                              | 79   | 80  | 77 76         | 75   | 79  | 68 65         | 68   | 65  |               | 68   | 65  |               |
| South                                  | 44   | 37  | 51 45         | 53   | 45  | 34 28         | 34   | 28  |               | 34   | 28  |               |
| Midwest                                | 82   | 53  | 84 54         | 86   | 56  | 63 39         | 63   | 39  |               | 63   | 39  |               |
| West                                   | 73   | 55  | 69 52         | 77   | 58  | 53 38         | 53   | 38  |               | 53   | 38  |               |
| Personal experience with mental illness| <.001| .043|               | .011 | .001|               |      |     |               |      |     |               |
| No                                     | 203  | 50  | 209 53        | 218  | 55  | 152 36        | 152  | 36  |               | 152  | 36  |               |
| Yes                                    | 74   | 71  | 71 66         | 72   | 71  | 65 59         | 65   | 59  |               | 65   | 59  |               |

Mental health parity refers to parity for health insurance benefits for mental health services

aWeighted
bFrom Pearson’s χ² statistic with correction for the complex survey design, accounting for clustering of respondents by state
not a significant predictor of support for parity for any of the included mental illnesses in this study.

These study findings have two main implications. First, if certain legislator characteristics may impact support for mental health policies, these findings could be used to tailor future research evidence when disseminating to policymakers. For example, only one-third of male legislators strongly supported parity for anorexia/bulimia. Previous research has explored the effects of gender on perceptions of eating disorders, finding that men have lower levels of awareness of disease prevalence and severity than women (Shingleton et al., 2015). Compared to women, men are also more likely to minimize eating disorders and attribute these illnesses to personal weakness (Griffiths et al., 2014; Mond & Arri-ghi, 2012; Wingfield et al., 2011). As a result, information about the prevalence, causes, and impacts of eating disorders might be targeted and disseminated to male legislators. This issue is timely, as the COVID-19 era has resulted in a greater prevalence of eating disorders, higher rates of hospitalization, and worsening symptoms for both adults and adolescents, perhaps due to the changes in access to food, physical activity, social interaction, and healthcare facilities for many (Miniati et al., 2021; Otto et al., 2021; Toulany et al., 2022). Support for mental health parity was also significantly lower among ideologically conservative legislators across each of the four mental illnesses. For these legislators, data supporting the cost-effectiveness of parity laws or communications strategies to address mental health stigma could be disseminated (McGinty et al., 2018). Tailoring research to legislators based on their characteristics could increase legislators understanding of mental health issues, as well as their overall support of mental health policies.

Second, legislators’ levels of a support may relate to a perceived or relative “worthiness” of certain mental illnesses for inclusion in legislation, such as mental health parity laws (Conley, 2021; Corrigan & Watson, 2003). For example, across the four mental illnesses, support for parity was lowest for anorexia/bulimia, compared to depression, PTSD, and schizophrenia. Legislators’ support for parity may be impacted by several complex, interconnected factors, such as perceptions of personal responsibility for the illness, the potential threat to others, or the overall severity of a mental illness. For example, previous research has suggested that certain mental illnesses may be more socially undesirable than others (e.g., schizophrenia is less desirable than anxiety) (Krendl & Freeman, 2019). Similarly, some mental illnesses are perceived to be more controllable than others, thus attributing some degree of personal responsibility for the illness to the individual (e.g., depression is something that you can control, while schizophrenia is not) (Krendl & Freeman, 2019). Finally, certain mental illnesses are associated with greater levels of concern for violence or dangerousness (e.g., perceived greater risk of violence from someone with schizophrenia than from someone with depression) (Corrigan & Watson, 2007; Link et al., 1999). These perceptions may influence legislators’ support of mental health parity laws. For example, if legislators perceive that a mental illness, such as schizophrenia or PTSD, is severe, uncontrollable, and poses a threat of violence to others, legislators may be more inclined to support parity laws for that illness.

### Table 3 Association between support for mental health parity for four mental illnesses and legislator characteristics, United States, 2017 (n = 475)

| Characteristic                    | Major depression | PTSD | Schizophrenia | Anorexia/Bulimia |
|-----------------------------------|------------------|------|---------------|------------------|
|                                   | AOR<sup>a</sup> | 95% CI | AOR<sup>a</sup> | 95% CI | AOR<sup>a</sup> | 95% CI | AOR<sup>a</sup> | 95% CI |
| Female (reference: Male)         | 1.31             | .74–2.30 | 1.31          | .77–2.43 | 1.81          | 1.05–3.13 | 2.09          | 1.24–3.53 |
| Political party (reference: Republican) |                |      |               |       |               |       |               |       |
| Democrat                          | 2.76             | 1.29–5.91 | 2.43          | 1.21–4.85 | 2.00          | .97–4.13 | 1.95          | .93–4.11  |
| Others                            | 1.87             | .45–7.74 | 2.53          | .64–9.97 | 1.68          | .43–6.58 | 3.59          | .86–14.97 |
| Region (reference: South)        |                  |      |               |       |               |       |               |       |
| Northeast                         | 6.27             | 2.28–17.30 | 2.92         | 1.24–6.88 | 2.94          | 1.18–7.34 | 4.42          | 1.70–11.47 |
| Midwest                           | 3.10             | 1.33–7.24 | 1.89          | .91–3.91 | 2.04          | 0.94–4.42 | 1.80          | .77–4.22  |
| West                              | 2.01             | .88–4.62 | 1.03          | .50–2.13 | 1.46          | .68–3.14 | 1.20          | .52–2.79  |
| Ideology (reference: Conservative) |                  |      |               |       |               |       |               |       |
| Liberal                           | 7.74             | 3.24–18.51 | 8.69         | 3.68–20.54 | 7.78          | 3.29–18.40 | 8.86          | 3.83–20.49 |
| Moderate                          | 4.64             | 2.39–9.02 | 2.45          | 1.32–4.54 | 3.73          | 1.96–7.11 | 3.17          | 1.59–6.31 |
| Experience with mental illness (reference: No) | 1.51             | .76–3.02 | 1.05          | .55–2.02 | 1.05          | .54–2.05 | 1.63          | .86–3.08  |

Mental health parity refers to parity for health insurance benefits for mental health services

<sup>a</sup>Adjusted odds ratio. All models adjusted for state, gender, political party, geographic region, ideology, and personal experience with mental illness.
Conversely, if a mental illness—like anorexia/bulimia—is believed to be less harmful or a result of personal choice (Griffiths et al., 2014; Mond & Arrighi, 2012; Wingfield et al., 2011), legislators may be less supportive of mental health parity. These findings underscore the importance and potential benefits of implementing comprehensive parity laws, which would ensure coverage for mental illnesses, which might otherwise be deemed “unworthy.”

**Limitations**

The results of this study should be viewed in light of several limitations. First, data were generated from a survey of legislators, with a response rate of 16%. Though this response rate is higher than or comparable to other surveys of legislators (Anderson et al., 2016, 2020; Niederdeppe et al., 2016; Pagel et al., 2017; Zhu et al., 2018), the sample accounts for 6.4% of all state legislators in the United States, and it is possible that response bias is present. Additionally, survey responses may have been impacted by social desirability bias on some items (e.g., Have you personally ever sought treatment for a mental health issue?). Third, the survey items inquired about insurance parity for only four specific mental illnesses, and also combined anorexia and bulimia, despite being diagnostically distinct. We did not ask about a greater number of mental illnesses given the length limitations of the survey, which covered a wide range of issues related to C-SBHPL. Our findings might not be generalizable to other mental illnesses. Our study suggests potential value in future research that assesses opinions about a wider range of mental illnesses.

**Future Directions**

Despite the federal and state mandates for parity, evidence suggests that we have yet to achieve true parity between mental and physical health (Davenport et al., 2019; Walsh et al., 2022). For example, policy ambiguity and/or a lack of policy knowledge have resulted in instances of additional treatment limitations imposed by insurance companies (Gabella, 2021). These violations to parity laws can encompass both quantifiable standards (e.g., dollar limits, number of visits permitted) and more subjective limitations on the scope of mental health services (e.g., requiring prior authorization, first-fail policies) (Berry et al., 2017; Manatt, 2019). These issues are further compounded by inconsistent monitoring and enforcement of mental health parity legislation at both the state and federal levels (Berry et al., 2017). Ultimately, the treatment limitations and lack of enforcement have resulted in additional barriers to accessing mental health services (Appelbaum & Parks, 2020). These challenges, coupled with the varying levels of mental health parity law support discussed in this study, provide ample opportunities for future research.

First, more information is needed regarding ways to increase support for mental health policies—particularly those targeting eating disorders, which had considerably less support for mental health parity in this sample. Similarly, a greater focus is needed on decreasing mental health stigma on a broader scale, as this may increase legislators’ support for mental health policies. However, though numerous small-scale interventions have reported short-term decreases in stigma surrounding mental illness, larger campaigns’ efforts have often ranged from little-to-no effect to actually increasing stigma toward individuals with mental illness (Malla et al., 2015; Stuart, 2016; Thornicroft et al., 2016). Future efforts to address stigma should be multi-faceted and multilevel to impact the complex individual-, social-, and structural-level forces (Stuart, 2016). Additionally, future research could benefit from a better understanding of strategies to disseminate research evidence to policymakers, including how communication strategies impact support for mental health policies in audiences less inclined to support parity legislation (e.g., conservative legislators). This may involve developing or testing communication strategies for both policymakers and the general public (e.g., utilizing narratives of people with mental illness (McGinty et al., 2018) or emphasizing the cost-effectiveness of a policy (Purtle et al., 2019a; Purtle, Lé-Scherban, et al., 2018). Researchers could also examine the effects of additional legislator characteristics (e.g., race/ethnicity) on policy support, as this additional information may be beneficial for policy advocates and researchers disseminating policy-relevant information. Lastly, though researchers have examined patterns of policy support in relation to legislators’ characteristics, additional research would be beneficial to explore why these characteristics impact policy support and how to best frame, tailor, and disseminate mental health policy-relevant information accordingly.

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