

Camouflaging and Adjusting to College in Females with and without Autism Symptomatology

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Table 1

Background

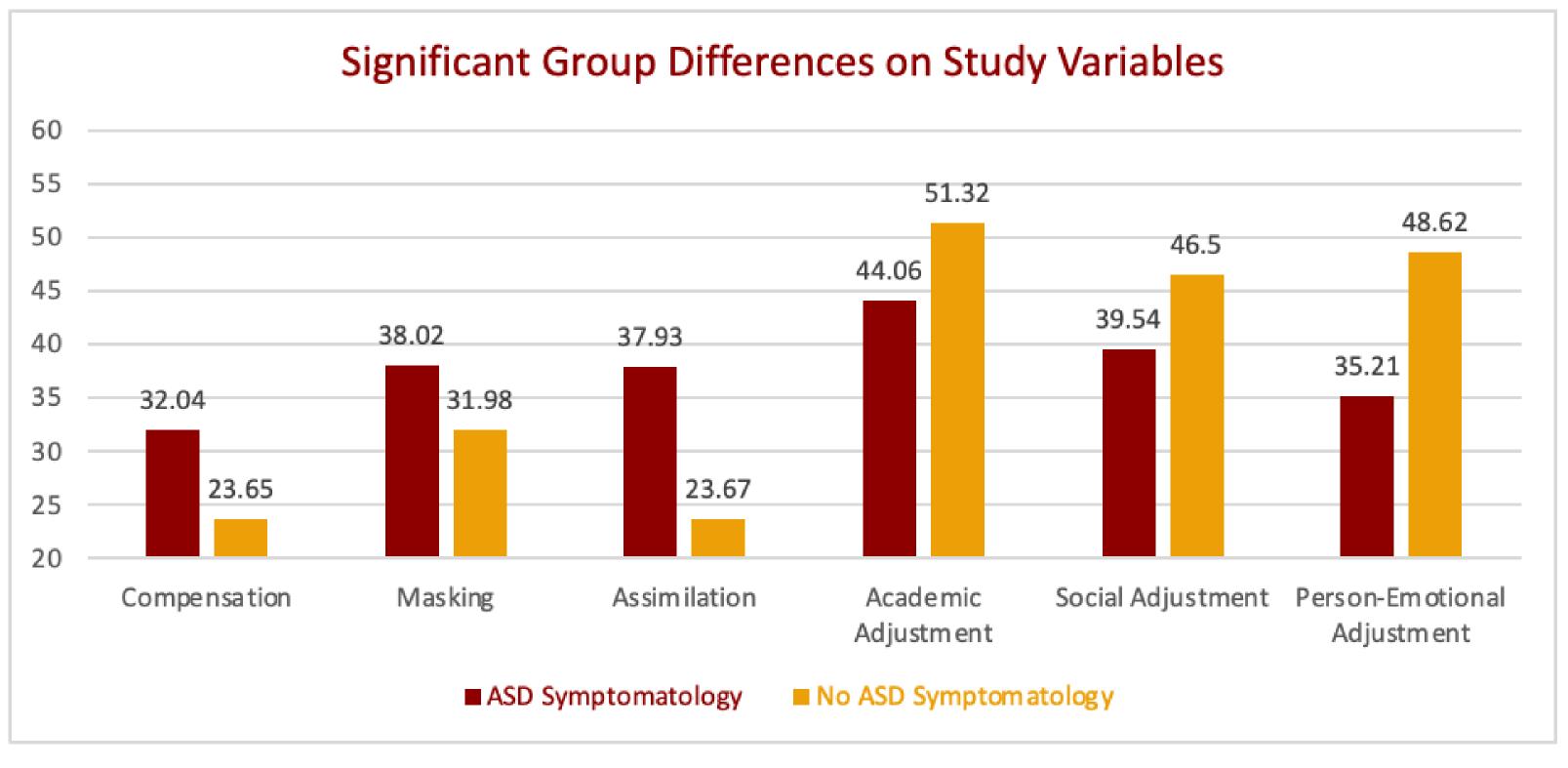
- Females may express autism symptomatology differently than males, potentially leading females to be underdiagnosed^{1,2,3}.
- Camouflaging refers to strategies used to minimize the appearance of autistic characteristics and may promote positive social interactions, but can also be mentally taxing^{4,5}.
- Prior research suggests that autistic college students struggle with adjusting to college. Therefore, it is of interest to examine the associations between camouflaging and adjustment to college^{6,7}.

Objectives

- Examine differences in camouflaging and college adjustment between females with and without autism symptomatology.
- Identify which aspects of camouflaging (i.e., compensation, masking, and assimilation) significantly impact college adjustment, above and beyond autism symptomatology.

Methods

- 102 college aged females were included in the study (with autism symptomatology = 51, without autism symptomatology = 51)⁸.
- Camouflaging was assessed using the Camouflaging of Autistic Traits Questionnaire which has three subscales compensation, assimilation, and masking⁹.
- Adjustment to college was assessed using Student
 Adaptation to College Questionnaire which has three
 subscales academic adjustment (managing academic
 demands), social adjustment (integration in social
 settings), and personal emotional adjustment
 (psychological and physical well-being)¹⁰.



Participant Characteristics Women without Women with Autism Symptomatology Symptomatology (n = 51)M(SD)/n(%)M(SD)/n (%) Age (year; months) 18;05 (0;08) 18;10 (1;08) .232 Racial/Ethnic Identity White/European American 28 (55%) 28 (55%) 1 (2%) 3 (6%) Black/African American Asian/Asian American 11 (21%) 6 (12%) Hispanic/Latinx 7 (14%) 2 (4%) 9 (17%) 6 (12%) More than one race 0 (0%) 1 (2%) .134 Year in School Freshman 33 (64%) 35 (68%) 13 (26%) Sophomore 7 (14%) 3 (6%) 4 (8%) 1 (2%) Senior 3.76 (.273) 3.58 (.342) -2.43 .018 0.61 **Hours Studying** 16.80 (10.38) 14.08 (10.75) ASD Symptomatology (SRS) 39.51 (15.09) 91.67 (20.62) < .001 2.89 SRS-2 Raw Score SRS-2 *T*-score 49.49 (5.32) 68.08 (7.27) Normal (59 or lower) 51 (50%) 0(0%)Mild (60 - 65) 22 (20%) 0(0%)21 (0%) Moderate (66 - 75)0(0%)Severe (76+) 8 (0%) Camouflaging (CAT-Q) 23.65 (8.41) Compensation 32.04 (11.07 Masking 31.98 (7.27) 38.02 (6.91) 23.67 (7.54) 37.93 (7.27) 1.92 Adjustment to College (SACQ) 51.32 (9.65) 44.06 (7.38) Academic 46.50 (8.44) 39.54 (6.84) 35.21 (7.11) Personal-Emotion 48.62 (9.93) Note. GPA = grade point average, self-reported. SRS-2 = Social Responsiveness Scale, Second Edition,

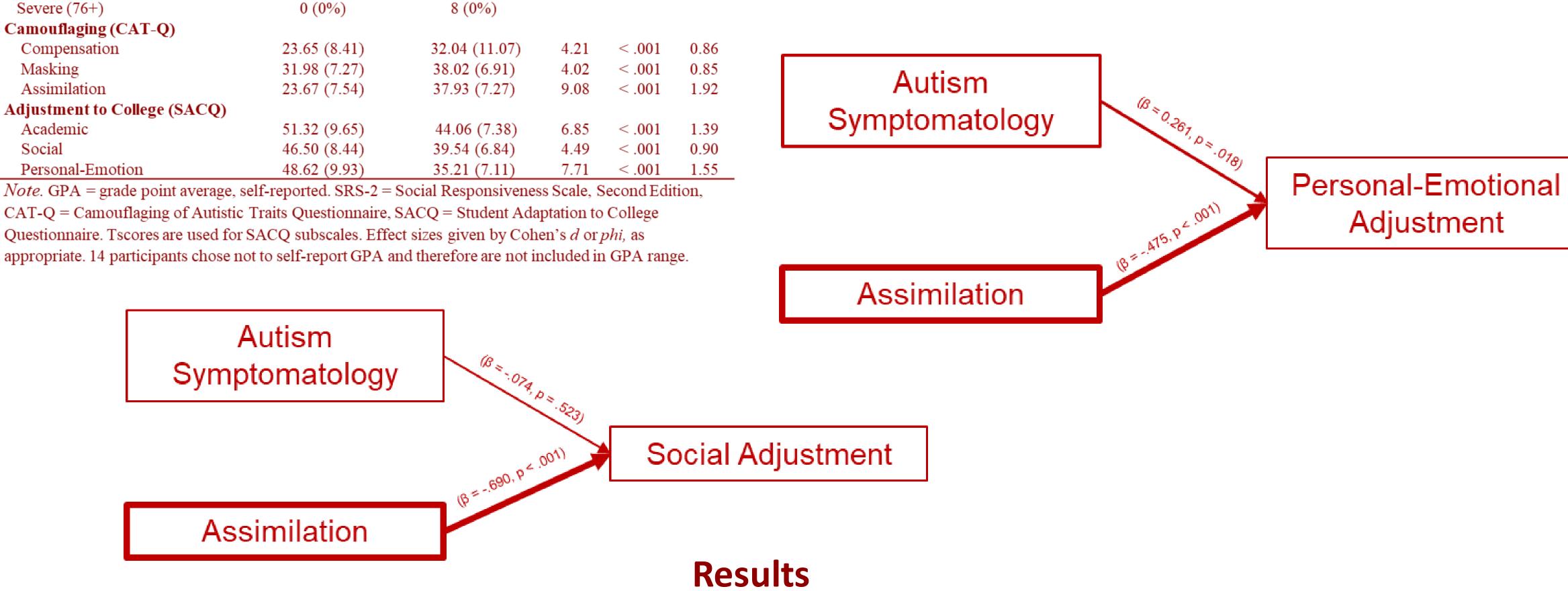


Table 2

Predictor

Model 1

Model 2

Autism

Adjustment

Model 1

Social Adjustment

Symptomatology

Symptomatology

Personal-Emotional

Symptomatology

Hierarchical Regression Analysis of Predictors of College Adjustment

.165

.350

-0.496 -.475 -4.366 <.001

<.001 .410 .246 .397

.350

Note. B = unstandardized beta coefficient. $\beta = \text{standardized beta coefficient}$. Autism symptomatology was treated as a

dichotomous variable (0 = with autism symptomatology, 1 = without autism symptomatology).

- Independent samples t-tests revealed that females with autism symptomatology were significantly more likely to engage in camouflaging behaviors (assimilation, masking, and compensation) and experience difficulty adjusting to college (academically, socially, and emotionally) as compared to females without autism symptomatology.
- Hierarchical regression analyses revealed that females without autism symptomatology had higher personal-emotional adjustment, while assimilation was a negative predictor of both personalemotional adjustment and social adjustment.

Discussion

- Women with autism symptomatology showed significantly higher scores in camouflaging behavior and significantly lower scores in adjustment to college across subscales than women without autism symptomatology.
 - Assimilation, a specific type of camouflaging, was revealed as the most significant predictor of personal-emotional adjustment and social adjustment.
 - Camouflaging and autism symptomatology are closely related and can be difficult to isolate. Future directions should aim to determine their unique contributions throughout college life.
 - Based on our findings on camouflaging and its negative impact on adjustment to college, more informed and efficient support can be provided to females with autism symptomatology within college settings.