Gratitude Increases the Motivation to Fulfill a Partner’s Sexual Needs

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Abstract
Maintaining sexual satisfaction is a critical, yet challenging, aspect of most romantic relationships. Although prior research has established that sexual communal strength (SCS)—i.e., the extent to which people are motivated to be responsive to their partner’s sexual needs—benefits romantic relationships, research has yet to identify factors that promote SCS. We predicted that gratitude would increase SCS because gratitude motivates partners to maintain close relationships. These predictions were supported in three studies with cross-sectional, longitudinal, and experimental methods. Specifically, experiencing and receiving expressions of gratitude were associated with greater SCS. These studies are the first to investigate the benefits of gratitude in the sexual domain and identify factors that promote SCS. Together, these results have important implications for relationship and sexual satisfaction in romantic relationships.

Keywords
sexual communal strength, gratitude, romantic relationships, sexuality

The Relational Benefits of SCS
SCS refers to the extent that people are motivated to meet their partner’s sexual needs. Importantly, people high in SCS tend to be motivated to meet those needs because they genuinely want to please their partner (Day et al., 2015; Muise & Impett, 2015), not because they want to avoid conflict (Muise et al., 2013), which tends to decrease relationship satisfaction (Impett et al., 2005). Further, people high in SCS do not fulfill their partner’s needs to the exclusion of their own needs (Impett et al., 2019) and do not expect immediate reciprocation (Day et al., 2015). Similarly, SCS does not stem from sexual coercion, which is nearly always associated with negative outcomes (O’Sullivan et al., 1998).

Recent research suggests that sexual communal strength (SCS; Muise et al., 2013)—i.e., the motivation to meet a partner’s sexual needs—may buffer couples from normative declines in sexual satisfaction. Indeed, SCS predicts greater sexual desire, sexual satisfaction, and relationship satisfaction (Day et al., 2015; Muise & Impett, 2015; Muise et al., 2017). Although the benefits of SCS have been established, research has yet to identify factors that promote SCS. Thus, the goal of the current research is to examine whether gratitude—an emotion that motivates people to maintain close relationships (Algoe et al., 2008)—also motivates people to meet their partner’s sexual needs.
goal dynamics theory (Fitzsimons et al., 2015), which all suggest that relationships are strengthened when partners meet each other’s needs (see Baker et al., 2013).

**Gratitude May Increase SCS**

Despite the importance of meeting partners’ sexual needs, research has yet to identify factors that increase the motivation to do so. One such factor may be gratitude. Gratitude is a positively valenced emotion that arises in response to the recognition that another person has been beneficial or valuable to them (Algoe et al., 2008; McCullough et al., 2001; Wood et al., 2008). A growing body of research has revealed that gratitude is associated with greater intrapersonal (e.g., mood, optimism; Hill & Allemand, 2011; McCullough et al., 2002) and relational (e.g., prosocial behavior, relationship satisfaction; Algoe et al., 2008) outcomes.

There is reason to expect that experiencing and receiving gratitude will increase SCS. Regarding experiencing gratitude, the find-remind-and-bind theory of gratitude suggests that gratitude functions to remind people of their partner’s value and subsequently increase the motivation to maintain that relationship (Algoe et al., 2008). Indeed, people who are grateful for others’ selfless actions tend to be more willing to help those others with a costly task (i.e., completing a taxing survey) compared to those who feel less grateful (Bartlett & DeSteno, 2006). Further, people often express their gratitude to their partners (C. L. Gordon et al., 2011), and such expressions of gratitude also increase the motivation to maintain their relationships with them (Lambert et al., 2010).

Receiving expressions of gratitude may similarly increase recipients’ SCS. In particular, feeling appreciated tends to be a rewarding experience (Algoe et al., 2016) because it fulfills self-enhancement goals (Sedikides & Gregg, 2008) and reduces relational uncertainty (Algoe, 2012). Given that people tend to like others who create rewarding experiences (Weinstein & Ryan, 2010), and that people tend to be more motivated to meet others’ needs to the extent that they like them (Impett et al., 2003; Landis et al., 2014), receiving expressions of gratitude should increase the motivation to fulfill a partner’s needs. Indeed, people who are thanked for their help tend to be more motivated to continue their relationship with (Williams & Bartlett, 2015), and offer more assistance to (Grant & Gino, 2010), the person they helped compared to those who are not thanked.

Although past theory and research suggest that gratitude should increase the general desire to maintain a relationship, there is reason to expect that gratitude would have a particularly important role in increasing the motivation to meet a partner’s sexual needs (i.e., SCS) because of the importance that sex holds within romantic relationships. Unlike other personal or relational needs (e.g., companionship, esteem) that can be fulfilled by multiple people, sexual needs are typically expected to be fulfilled only by one’s romantic partner (Rubin et al., 2014). Thus, people pay close attention to whether their partners are meeting their sexual needs (Byers, 2005) and whether they are meeting their partners’ sexual needs (Fisher et al., 2015). Given the importance of sexual fulfillment for maintaining satisfying romantic relationships (Impett et al., 2014; Sprecher, 2002), and given that people who are committed to maintaining their relationships prioritize fulfilling needs that their partners consider to be important (Stanley & Markman, 1992), intimates experiencing and receiving gratitude, who are thus motivated to maintain their relationships, should be especially motivated to meet their partner’s sexual needs. Consistent with this idea, prior research has demonstrated that people welcome their partner’s sexual advances more to the extent that they feel appreciated by those partners (Graham et al., 2004).

**Hypotheses and Overview of the Current Studies**

Although past research has established the importance of SCS, there is a need to identify factors that promote SCS. Thus, we conducted three studies to examine the implications of gratitude for SCS. A cross-sectional Pilot Study assessed participants’ experiences and reception of gratitude, as well as their SCS. Study 1 was a dyadic, longitudinal study in which couples completed assessments of SCS and gratitude at three time points. Study 2 was an experiment in which participants in romantic relationships completed tasks that either did or did not enhance gratitude and reported their SCS. Across these studies, we predicted that both experiencing and receiving gratitude would be associated with greater SCS.

**Pilot Study**

**Method**

**Participants**

Participants were 249 individuals who were recruited using the Mechanical Turk service on Amazon.com (MTurk). This study was conducted during a period of elevated nonhuman and/or nonserious respondents on MTurk (Chmielewski & Kucker, 2019); thus, 64 participants were excluded for failing attention checks. The remaining 185 participants (75 male, 108 female, 2 trans male) had a mean age of 33.7 years ($SD = 9.6$) and were required to be in a romantic relationship for at least 3 months ($M = 24.2$ months, $SD = 38.5$ months). One-hundred thirty-three (71.9%) participants identified as Caucasian, 23 (12.4%) identified as African American, 15 (8.1%) identified as Asian, 7 (3.8%) identified as Hispanic, and 7 (3.8%) identified as other or two or more ethnicities.

**Procedure**

Participants completed all procedures online using Qualtrics survey software. Participants completed questionnaires assessing their SCS, experiences of gratitude toward their partner, and expressions of gratitude received from their partner.
Finally, participants were debriefed and received US$0.50 for completing the study.

Measures

All measures can be found in the Online Supplemental Materials (OSM).

SCS. Participants completed the 6-item SCS measure (Muise et al., 2013) to assess their SCS (e.g., “How high a priority for you is meeting the sexual needs of your partner?”) using a 11-point scale (1 = not at all, 11 = extremely). Internal consistency was acceptable (α = .67).

Gratitude. Participants completed the Appreciation in Relationships Scale (AIR; A. M. Gordon et al., 2012). The AIR consists of two subscales: The first contains nine questions that assess experiences of gratitude toward the partner (e.g., “I appreciate my partner”) and the second contains seven questions that assess expressions of gratitude received from the partner (e.g., “My partner often tells me the things that she or he really likes about me”). Participants responded to all items using a 7-point scale (1 = strongly disagree, 7 = strongly agree). Items within both subscales were summed to create separate indices of experienced and received gratitude. Internal consistency was high (αexperienced = .84; αreceived = .86).

Results

Preliminary analyses (e.g., testing for gender differences) can be found in the OSM. Consistent with predictions, bivariate correlations revealed that SCS was positively associated with both experiencing gratitude (r = .53, p < .001) and receiving gratitude (r = .49, p < .001).

Supplemental Analyses

Supplemental analyses were conducted to further understand the association between gratitude and SCS. First, we examined whether SCS remained positively associated with both experiencing gratitude and receiving gratitude when simultaneously regressed onto both. Results indicated that both experiencing gratitude, B = 0.39, SE = 0.08, t(182) = 4.69, p < .001, r = .57, 95% confidence interval (CI) [0.23, 0.55], and receiving gratitude, B = 0.29, SE = 0.09, t(182) = 3.11, p = .002, r = .39, 95% CI [0.11, 0.47], were significantly associated with greater SCS when entered simultaneously. Second, we examined whether gratitude remained positively associated with SCS, controlling for communal strength (CS; see OSM for measure information). Results indicated that both experiencing gratitude, B = 0.25, SE = 0.07, t(182) = 3.43, p = .001, r = .25, 95% CI [0.11, 0.39], and receiving gratitude, B = 0.34, SE = 0.07, t(182) = 5.03, p < .001, r = .35, 95% CI [0.20, 0.47], were significantly associated with greater SCS, controlling for CS.

Discussion

The Pilot Study provides initial evidence that experiencing and receiving gratitude were associated with greater SCS. However, this study is limited due to the cross-sectional design that precludes conclusions about the temporal order of this association. Study 1 addressed this issue.

Study 1

Study 1 used a longitudinal, dyadic sample to test whether gratitude is positively associated with changes in SCS. To this end, both members of romantic couples reported the extent to which they experienced and received gratitude and their SCS at three different time points. We predicted that partners’ reports of both experiencing and receiving gratitude would be positively associated with changes in SCS.

Method

Participants

Participants were 118 heterosexual couples (n = 236) recruited from the United States through Craigslist who participated in a broader study of romantic relationships. Participants had a mean age of 31.6 years (SD = 10.34) and had been in their current relationship from 4 months to 30 years (M = 4.9 years, SD = 5.3 years). One-hundred thirty (54.9%) participants identified as White or European, 35 (14.6%) as African American, 18 (7.4%) as Asian, 18 (7.5%) as Hispanic, 7 (2.9%) as Native American, 2 (0.8%) as Indian, and 26 (11%) as other.

Procedure

Couples were individually e-mailed a link to a 30-min online survey and were instructed to complete the questionnaires independently from their partner. At Baseline (Time 1), both members of the couple completed measures of SCS and gratitude. Because of broader goals of the study, participants completed a daily diary for the following 21 days that assessed variables unrelated to the current predictions. At the end of the 21 days (Time 2), and 3 months after Baseline (Time 3), participants again reported their SCS and gratitude. One-hundred sixty-six (70.3%) participants completed Time 2, and 120 (50.8%) participants completed Time 3. Each partner was paid up to US$50 for completing the broader study.

Measures

All measures can be found in the OSM.

SCS. Participants completed the SCS measure (Muise et al., 2013) described in the Pilot Study. Internal consistency was acceptable (α = .69).

Gratitude. Participants completed the AIR (A. M. Gordon et al., 2012) described in the Pilot Study. Internal consistency was high (αexperienced = .85, αreceived = .91).
Table 1. Descriptive Statistics and Correlations in Study 1.

<table>
<thead>
<tr>
<th>Variable</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>M</th>
<th>SD</th>
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<tr>
<td>Time 1</td>
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<td></td>
</tr>
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<td>0.94</td>
</tr>
<tr>
<td>(2) Gratitude experienced</td>
<td>.33**</td>
<td>.40**</td>
<td>.65**</td>
<td>5.24</td>
<td>1.00</td>
</tr>
<tr>
<td>(3) Gratitude received</td>
<td>.20**</td>
<td>.52**</td>
<td>.46**</td>
<td>5.15</td>
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</tr>
<tr>
<td>Time 2</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1) SCS</td>
<td>.17*</td>
<td>.28**</td>
<td>.26**</td>
<td>5.61</td>
<td>1.02</td>
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<tr>
<td>(2) Gratitude experienced</td>
<td>.41**</td>
<td>.49**</td>
<td>.60**</td>
<td>5.26</td>
<td>0.99</td>
</tr>
<tr>
<td>(3) Gratitude received</td>
<td>.30**</td>
<td>.65**</td>
<td>.49**</td>
<td>5.16</td>
<td>1.27</td>
</tr>
<tr>
<td>Time 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1) SCS</td>
<td>.33**</td>
<td>.23*</td>
<td>.25*</td>
<td>5.43</td>
<td>1.05</td>
</tr>
<tr>
<td>(2) Gratitude experienced</td>
<td>.49**</td>
<td>.34**</td>
<td>.50**</td>
<td>5.32</td>
<td>1.02</td>
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<tr>
<td>(3) Gratitude received</td>
<td>.33**</td>
<td>.70**</td>
<td>.42**</td>
<td>5.02</td>
<td>1.41</td>
</tr>
</tbody>
</table>

Note. Intrapersonal correlations are presented below the diagonal, interperson- 
correlations appear on and above the diagonal. SCS = sexual communal strength. 
*p < .05. **p < .01.

Results

Descriptive statistics and correlations among the variables are presented in Table 1. At baseline, there were no significant differences in SCS, $B = -0.06$, SE = 0.12, $t(235) = -0.47$, $p = .642$, $r = -0.03$, 95% CI [–0.30, 0.18], experienced gratitude, $B = 0.14$, SE = 0.13, $t(235) = 1.20$, $p = .271$, $r = .08$, 95% CI [–0.12, 0.40], or received gratitude, $B = 0.26$, SE = 0.18, $t(235) = 1.46$, $p = .145$, $r = .09$, 95% CI [–0.09, 0.61], among participants who completed all three time points compared to those who did not. Preliminary analyses (e.g., testing for gender differences) can be found in the OSM.

Gratitude and Changes in SCS

We first examined whether gratitude was associated with changes in SCS from each time point to the next by estimating two-level cross models with the HLM Version 7.01 computer program (Raudenbush et al., 2013), in which persons were nested within dyads, and persons and days are crossed, given that both partners’ reports were provided on the same days (Kenny et al., 2006). In these models, SCS scores at the next assessment were regressed on either experienced gratitude or received gratitude at the previous assessment, controlling for SCS at the previous assessment. All predictors were group (i.e., within-person) centered; thus, results represent changes in SCS based on whether participants reported more or less gratitude than their individual average. Given that data were distinguishable by gender, separate effects were simultaneously estimated for men and women, yet the effects for men and women were constrained together to yield average estimates.

Results indicated that changes in participants’ SCS were positively associated with their reports of experienced gratitude, $B = 0.30$, SE = 0.11, $t(115) = 2.75$, $p = .007$, $r = .25$, 95% CI [0.08, 0.52], and their reports of their received gratitude, $B = 0.26$, SE = 0.07, $t(115) = 3.49$, $p < .001$, $r = .31$, 95% CI [0.12, 0.40]. Further, analyses that employed an Actor–Partner Interdependence Model (APIM; Kenny et al., 2006) approach revealed that changes in participants’ SCS remained significantly associated with their reports of their received gratitude, $B = 0.22$, SE = 0.07, $t(113) = 2.99$, $p = .003$, $r = .27$, 95% CI [0.08, 0.36], yet were no longer associated with their reports of their experienced gratitude, $B = 0.23$, SE = 0.12, $t(113) = 1.93$, $p = .056$, $r = .18$, 95% CI [–0.01, 0.47], controlling for their partner’s reports of gratitude. Results examining the independent effects of those partner’s reports can be found in the OSM.

Supplemental Analyses

Multiple supplemental analyses were conducted to further understand the association between gratitude and SCS. First, we examined whether both experiencing and receiving gratitude were associated with changes in SCS when SCS was simultaneously regressed onto both gratitude variables. Results indicated that changes in participants’ own SCS were positively associated with their reports of their received gratitude, $B = 0.20$, SE = 0.09, $t(113) = 3.34$, $p = .007$, $r = .21$, 95% CI [0.02, 0.38], yet were not associated with their reports of their experienced gratitude, $B = 0.17$, SE = 0.13, $t(113) = 1.34$, $p = .182$, $r = .13$, 95% CI [–0.09, 0.43], when SCS was simultaneously regressed onto both. Second, we examined whether the effects of gratitude were independent from other similar variables (see OSM for information about these measures). Results are presented in Table 2 and revealed a similar pattern of results.

Discussion

Consistent with our predictions, participants’ experiences of gratitude, and the expressions of gratitude they received, were positively associated with changes in SCS from one assessment...
to the next. Nevertheless, the previous studies were correlational and thus preclude conclusions about the causal nature of these associations. Study 2 addressed this issue.

### Study 2

Study 2 was a preregistered experiment intended to provide causal evidence that gratitude increases SCS (osf.io/myq9p). Participants in romantic relationships completed two tasks designed to increase their own gratitude, increase their perception of their partner’s gratitude, or not increase perceptions of gratitude. Participants then completed manipulation checks and reported their SCS. We predicted that SCS would be greater among participants in either of the two gratitude conditions compared to participants in either of the two different control conditions.

### Method

#### Participants

Participants were 285 individuals who were recruited using MTurk. A sample size of at least 200 participants was obtained because an a priori power analysis based on previously obtained effect sizes from a different manipulation of gratitude \( r = .24; \) Baker, 2020 \) indicated that the power to detect the association between the gratitude manipulation and interpersonal evaluations was .84 with 200 participants at an \( \alpha \) of .05. This study was conducted during a period of elevated nonhuman and/or nonserious respondents on MTurk (Chmielewski & Kucker, 2019); thus, 82 participants were excluded for not following directions or failing attention checks. The remaining 203 participants \( (78 \text{ men}, 124 \text{ women}, \text{ and 1 other}) \) had a mean age of 37.5 years \( (SD = 10.9) \). Participants were required to be in a romantic relationship for at least 3 months \( (M = 9.8 \text{ years}, SD = 9.6 \text{ years}) \). One-hundred sixty-two \( (79.8\%) \) participants identified as Caucasian, 15 \( (7.4\%) \) as Asian, 13 \( (6.4\%) \) as African American, 9 \( (4.4\%) \) as Hispanic, and 4 \( (2\%) \) as two or more ethnicities.

#### Procedure

Participants completed all procedures online using Qualtrics survey software. Participants were randomly assigned to one of four conditions and then completed two separate writing tasks developed for this study. For the first writing task, all participants were asked to write a letter about a recent experience involving their romantic partner that did not involve themselves. Participants in the experiencing gratitude condition were asked to describe the most recent moment they experienced gratitude toward their romantic partner. Participants in the receiving gratitude condition were asked to describe the most recent moment they received gratitude from their romantic partner. Two control conditions were included to yield either a positive experience independent from their romantic partner or a neutral experience involving their romantic partner to ensure that any potential differences between participants in the gratitude and control conditions were specific to gratitude and not the result of experiencing general positive affect or thinking generally about one’s romantic partner. Thus, participants in the positive affect control condition were asked to describe their most recent enjoyable experience that did not involve their romantic partner. Finally, participants in the partner control condition were asked to describe the most recent experience that happened to their romantic partner that did not involve themselves.

Given that the effectiveness of this manipulation had not yet been established, all participants were instructed to complete a second writing task intended to similarly influence gratitude to further strengthen the manipulation. For this second task, participants in the experiencing gratitude condition were asked to list and describe two things that they are most grateful for about their romantic partner. Participants in the receiving gratitude condition were asked to list and describe two things that they feel their romantic partner is most grateful for about themselves. Participants in the positive affect control condition were asked to list and describe two activities that they enjoy doing without their partner. Finally, participants in the partner control condition were asked to list and describe two activities that their partner enjoys doing that do not involve themselves. After completing both tasks, all participants completed manipulation checks and reported their SCS. Participants were debriefed and received US$0.50 for completing the study.

#### Measures

All measures can be found in the OSM.

**Manipulation check.** To assess the effectiveness of the manipulations, participants responded to two face-valid items (“As of right now, I feel appreciative for my partner,” “...my partner makes me feel appreciated”), along with 18 other behaviors intended to hide the purpose of the manipulation check, using a 9-point scale \( (1 = \text{do not agree at all}, 9 = \text{agree completely}) \).

**SCS.** Participants completed the previously described SCS measure (Muise et al., 2013).\(^1\) Internal consistency was high \( (\alpha = .89) \).

### Results

Descriptive statistics and bivariate correlations are shown in Table 3. Preliminary analyses (e.g., testing for gender differences) can be found in the OSM. Confirming the effectiveness of the manipulations, participants in the four conditions differed in the extent to which they reported experiencing

### Table 3. Descriptive Statistics and Correlations in Study 2.

<table>
<thead>
<tr>
<th>Variable</th>
<th>1</th>
<th>2</th>
<th>M</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) SCS</td>
<td>8.18</td>
<td>2.32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2) Experiencing gratitude</td>
<td>.47**</td>
<td>7.20</td>
<td>2.36</td>
<td></td>
</tr>
<tr>
<td>(3) Receiving gratitude</td>
<td>.41**</td>
<td>.51**</td>
<td>6.78</td>
<td>2.62</td>
</tr>
</tbody>
</table>

Note. SCS = sexual communal strength.

*\( p < .05. \) **\( p < .01. \)

1. Internal consistency was high \( (\alpha = .89) \).
gratitude for, $F(3, 199) = 11.61, p < .001$, $\eta^2 = .175$, and receiving gratitude from, $F(3, 199) = 12.36, p < .001$, $\eta^2 = .186$, their partner. More specifically, those in the experiencing gratitude condition ($M = 8.48, SD = 0.91$) reported experiencing more gratitude for their partners than did those in the receiving gratitude condition ($M = 7.29, SD = 2.36, p = .006$, 95% CI [0.34, 2.05]), the positive affect control condition ($M = 6.30, SD = 2.66, p < .001$, 95% CI [1.38, 2.99]), and the partner control condition ($M = 6.46, SD = 2.59, p < .001$, 95% CI [1.14, 2.90]). In contrast, those in the receiving gratitude condition ($M = 8.51, SD = 0.79$) reported receiving more gratitude from their partners than did those in the experiencing gratitude condition ($M = 6.90, SD = 2.42, p = .001$, 95% CI [0.67, 2.55]), the positive affect control condition ($M = 5.67, SD = 2.95, p < .001$, 95% CI [1.89, 3.80]), and the partner control condition ($M = 6.27, SD = 2.77, p < .001$, 95% CI [1.21, 3.27]).

**Gratitude and SCS**

Supporting our prediction that gratitude increases SCS, a one-way analysis of variance revealed significant differences in SCS between participants in the experiencing gratitude condition ($M = 8.71, SD = 1.97$), receiving gratitude condition ($M = 9.35, SD = 1.71$), positive affect control condition ($M = 7.21, SD = 2.51$), and partner control condition ($M = 7.50, SD = 2.36, F(3, 199) = 10.74, p < .001$, $\eta^2 = .139$). Fisher’s least significant difference (LSD) post hoc tests revealed no significant differences between the experiencing gratitude and receiving gratitude conditions ($p = .134$, 95% CI [−.91, 1.20]); however, those in the experiencing gratitude condition reported greater SCS than did those in the positive affect control condition ($p < .001$, 95% CI [4.25, 13.73]) and partner control condition ($p = .006$, 95% CI [2.07, 12.45]), and those in the receiving gratitude condition reported greater SCS than did those in the positive affect control condition ($p < .001$, 95% CI [7.73, 17.95]) and partner control condition ($p < .001$, 95% CI [5.58, 16.65]).

**Implications and Future Directions**

These findings have important implications and suggest several directions for future research. First, these studies join a growing body of literature that highlights the benefits of gratitude (Algoe et al., 2010; Hill & Allemand, 2011; Kashdan et al., 2018). In particular, contemporary theory (Algoe et al., 2008; McCullough et al., 2001) and research (A. M. Gordon et al., 2012; Grant & Gino, 2010; Lambert & Fincham, 2011) suggest that gratitude functions to motivate people to maintain relationships with valuable others. The current studies extend this growing body of literature to the sexual domain by revealing that gratitude similarly motivates people to meet their partner’s sexual needs, often above and beyond their general motivation.
to meet a partner’s needs, which is one important way that couples maintain satisfying relationships (Impett et al., 2014).

Second, future research may benefit by examining the implications of gratitude for other sexual outcomes such as sexual self-disclosure. Indeed, past research has revealed that people tend to feel more comfortable disclosing their emotions and concerns to the extent that they feel and receive expressions of gratitude (Collins & Miller, 1994; Lambert & Fincham, 2011). Gratitude may similarly extend to the domain of sexual communication. If so, given that couples often hesitate to disclose their sexual needs and preferences (Byers & Demmons, 1999), ultimately decreasing sexual satisfaction and impairing sexual functioning (Mallory et al., 2019), gratitude may not only increase the motivation to meet a partner’s sexual needs but may also increase awareness about, and thus ability to fulfill, those needs by increasing partners’ willingness to disclose them.

Third, the present findings can be applied to therapeutic interventions intended to improve sexual satisfaction. Given that declines in sexual satisfaction strongly predict declines in relationship satisfaction (McNulty et al., 2016), practitioners have often sought to identify ways in which couples can maintain, or even improve, sexual satisfaction (for review, see McCarthy & Wald, 2012). The current results suggest that gratitude may be a promising method for achieving that goal. Indeed, practitioners have already begun to incorporate gratitude into several therapeutic techniques (Kerr et al., 2015; Seligman et al., 2005). Although the benefits of these interventions may be due to numerous factors, such as increased relationship connection (Algoe et al., 2010; Kashdan et al., 2018), they may be at least partially due to increased SCS and sexual satisfaction.

**Strengths and Limitations**

Several limitations of the current research should be addressed. First, although we expected that gratitude would have a particularly important influence on the motivation to meet a partner’s sexual needs because of the importance sex holds within romantic relationships (Impett et al., 2014; Sprecher, 2002), we did not assess whether these results emerged due to the importance that participants placed on sex. Future research might benefit from examining whether the implications of gratitude are stronger among people who view sex as highly important for relationship maintenance. Second, past research (A. M. Gordon et al., 2012; Joel et al., 2013) suggests that feeling appreciated and valued by a partner promotes one’s own feelings of gratitude, ultimately promoting relationship maintenance. Although we found a similar pattern of results in Study 2, we did not find that receiving gratitude predicted changes in experiencing gratitude in Study 1 (see OSM); future research should clarify the causal relationship between receiving and experiencing gratitude. Third, the current studies assessed (Pilot Study, Study 1) and manipulated (Study 2) gratitude broadly and did not distinguish between different types of gratitude such as benefit-triggered gratitude (i.e., gratitude in response to a specific benefit provided) and more generalized appreciation (i.e., a broader appreciation for the value of a partner). Indeed, past research (Lambert et al., 2009) has revealed that the different varieties of gratitude may have unique implications for emotions and perceptions of experiences. Thus, future research may benefit by examining whether different types of gratitude uniquely affect SCS.

Nevertheless, several aspects of the present studies increase our confidence in the results. First, the association between gratitude and SCS replicated across three different samples that were diverse in regard to ethnicity, age, sexual orientation, and relationship status, increasing our confidence in the external validity of our findings. Second, Study 1 employed a longitudinal design to establish the temporal association, and Study 2 employed an experimental design to establish the causal relationship, between gratitude and SCS. Together, the current studies aimed to identify a determinant of SCS to further understand how couples can combat normative declines in sexual and relationship satisfaction. Results from these studies suggest that experiencing and receiving gratitude increased the motivation to meet a partner’s sexual needs.

**Declaration of Conflicting Interests**

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**Supplemental Material**

The supplemental material is available in the online version of the article.

**Note**

1. Due to a programming error, this scale used a 1–11 scale instead of the typical 1–7 scale.

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Author Biographies

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