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Development of a new antenatal measure to predict postpartum depression

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Development of a New Antenatal Measure to Predict Postpartum Depression

by

Danielle D. Jenkins

Presented to the Faculty of the
Graduate Department of Clinical Psychology

George Fox University

in partial fulfillment

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Development of a new antenatal measure to predict postpartum depression

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Development of a New Antenatal Measure to Predict Postpartum Depression

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Abstract

Postpartum depression is 1 of the most common pregnancy complications, yet many women feel too ashamed to get help. It is important to study postpartum depression so that it can more easily be detected, more quickly treated, and that the stigma around this illness can be reduced. Early detection is vital to prevent complications for the infant, mother, and beyond. The first hypothesis of this study was that some identified antenatal factors would be more predictive of postpartum depression than other factors. Those factors were then used to construct the Measurement of Motherhood Stress – Second Edition (MOMS-II). The second hypothesis was that as the number of risk factors increase, then the score on the Edinburgh Postnatal Depression Scale (EPDS) and Patient Health Questionnaire-9 (PHQ-9) would rise. Statements were created using risk factors identified in the literature and were added to a Likert-type scale to create the 33 item screener, Measurement of Motherhood Stress (MOMS; Jenkins, DePierre, Wilson, & Thurston, 2011). The MOMS, the EPDS, and the PHQ-9 were given to 160 pregnant women. Following the birth of the child, the EPDS and PHQ-9 were re-administered to 86 participants

and results were collected. Item analysis was then performed on the MOMS. Thirteen items were stronger predictors of postpartum depression and were used to create a 10-item revised MOMS scale. Additionally, as predicted, the more stressors endorsed on the MOMS, the higher the depression scores on the EPDS and the PHQ-9. This study highlights the utility of an antenatal screener for postpartum depression as an important piece in the early detection and treatment of postpartum depression.

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Chapter 1

Introduction

Many women who experience postpartum depression feel shame not only about their depression but also about some of its individual symptoms such as disinterest in their babies, feelings of disappointment in motherhood, and feelings of wanting to harm their babies. Society tells women that they are to feel excited, elated, and instantly bonded to their babies. In many cases this is not a reality. Childbirth and motherhood, while in many ways a very special time, can also be a time of vulnerability and distress. For some women, the failure to feel an immediate bond or to have difficulty bonding to their child due to depression brings shame that may exacerbate depressive symptoms.

Postpartum depression is rarely cited as a common childbirth complication, and yet it is the most common psychological childbirth complication that carries with it the possibility of life-threatening consequences. Postpartum depression occurs in between 10 and 15 percent of women postnatally (Alici-Evcimen & Sudak, 2003). According to the *Diagnostic and Statistical Manual of Mental Disorders-IV-Text Revision (DSM-IV-TR*; American Psychiatric Association [APA], 2000), postpartum depression is a diagnosis that is used for all depressive disorders in the postpartum period. Postnatal depression can present with the symptoms of all classical forms of depression; additionally there are often such symptoms as excessive worry about the infant, thoughts of harming the baby, or thoughts of being an inadequate mother (Riecher-Rossler &

Hofecker Fallahpour, 2003). Symptoms of postpartum depression may include fatigue, feelings of hopelessness, disrupted sleep and appetite, lack of interest in the baby, fear of harming or of harm coming to the baby, and mood swings (Meier, 2002).

The *DSM-IV-TR* gives a specific category to disorders that occur in the postpartum period (APA, 2000). For the purpose of this study, the postpartum period is defined as the first year following childbirth. In order to meet *DSM-IV-TR* diagnostic criteria for a postpartum-onset specifier, a disorder must have onset within four weeks after childbirth. In looking at postpartum depression risk factors, there are not many clear answers. In a meta-analysis, Johnstone, Boyce, Hickey, Morris-Yates, and Harris (2001) concluded that while risk factors are not clearly identified across studies, primary risk for postnatal depression include a history of psychopathology, depression or anxiety during pregnancy, poor marital relationship, poor social support, stressful life events prior to birth, low social status, stress in finding adequate childcare, and birth complications.

Why is Studying Postpartum Depression Important?

Postpartum depression is an issue that cuts across the domains of women's health care and feminism, infant and child development, family systems, and multiple layers of society. It is important to study postpartum depression so that it can more easily be detected, more quickly treated, and that the stigma around this illness can be reduced. Since the mother is so key in the healthy development of her infant (Schoe, 1994), it is in the best interest of the infant, the family, and the mother for postpartum depression to be prevented or treated as soon as possible.

The chronicity and severity of a mother's depression has been shown to be a predictor, along with socioeconomic status, of poor infant cognitive development (Kurstjens & Wolke,

2001). Grace, Evindar, and Stewart (2003), similarly found that the more chronic the depression of the mother, the more the child's cognitive development is impaired. Postpartum Depression is thought to trigger chronic depression or indicate a previously undiagnosed depression; therefore, early detection is vital.

With the history of diagnosing women with hysteria and with institutionalizing women who varied from society's traditional expectations, medical and psychological professionals seem to be reluctant to take a stand about postpartum depression. There has been a rightly placed movement in psychology and health care away from pathologizing the normal experiences of women, but we seem to be throwing the baby out with the bathwater when we fail to recognize the unique aspects of the postpartum period. Focusing on the social aspects of women's mental health issues is an important part of understanding where they come from and how to deal with them, but we must be careful not to get so caught up in the social debate that we fail to help the women who are hurting now. It is important to address both the social etiology as well as a woman's own history. Failing to do so puts women at risk of further depression and even suicide; it is also a risk for developmental implications for her children (Jung, Short, Letourneau, & Andrews, 2006).

Another reason early detection is important is that interventions are both effective and greatly needed with this population. It has been shown that many pregnant women who are depressed do not seek treatment, yet when their doctors discussed depression with them, they were significantly more likely to seek treatment (Flynn, O'Mahen, Massey, & Marcus, 2006). Early detection is important to avoid the consequences that can come with postpartum depression.

Postpartum Depression and Child Development

The mother's face is an infant's emotional and biological mirror, which is particularly important in infant development (Schore, 1994). When a mother is impaired emotionally due to depression, this affects the neurobiological development of her infant. In infancy, the role of higher brain function is played by the mother (Schore, 1994). Mothers who experienced postpartum depression when their babies were three months old showed less affection and were more anxious when their babies were eighteen months old than the mothers with no postpartum depression. These mother-infant pairs also had less playing and verbal interactions and the infants performed less well on object concept tasks (Righetti-Veltema, Bousquet, & Manzano, 2003).

Maternal depression has been shown to have a greater impact on the development of boys in low SES populations, particularly with regards to the area of achievement (Kurstjens & Wolke, 2001). Maternal depression also affects how children, particularly boys, play with other children (Hipwell, Murray, Ducournau, & Stein, 2005). High sensitivity on the part of the mother is known to correlate with secure attachment in infancy, which influences healthy responses to people. Maternal depression tends to decrease responsiveness and sensitivity to the infant, thus posing a potential problem for the promotion of the infant's attention and emotion regulation (Righetti-Veltema et al., 2003).

Additionally, women who have had difficult pregnancies or deliveries can have an increased risk for postpartum depression and anxiety. Posttraumatic stress symptoms relating to labor and delivery may adversely influence maternal perceptions of infants, with potentially adverse implications for the developing mother–infant relationship (Davies, Slade, Wright, &

Stewart, 2008). Recently, the diagnosis of Post Traumatic Stress Disorder (PTSD) has been looked at in relation to a mother's perception of her infant (Davies et al., 2008). Those meeting full or partial criteria for PTSD perceived their attachment relationships to be significantly less optimal and reported the perception of their infants being less warm and more invasive and regarded them as being temperamentally more difficult, prone to distress, and less easy to soothe.

Early detection of depression is important since intervention is so key for the mother and the child. Using behavior modification has been shown to improve the mother-infant relationship, regardless of the mother's current level of depression (Jung et al., 2006). Righetti-Veltema et al. (2003) found that early intervention reduces the long-term effects of postpartum depression. Women, who receive intervention report less trauma symptoms, decreased relative risk of depression, decreased relative risk of stress, and low feelings of self-blame (Gamble et al., 2005).

Postpartum Depression, the Family, and the Community

Early detection and intervention is vitally important since infants of postnatally depressed women show more insecure attachments to their mothers than their same-aged peers (Righetti-Veltema et al., 2003). Mother-infant relationship difficulties, including infant rejection and maternal pathological anger, have been associated with postpartum depression (Loh & Vostanis, 2004). These early parent-infant relational issues have far reaching implications.

Mother-infant relationships are not the only relationships to experience strain. These early bonding concerns have repercussions for the mother, the child, the father, and even the child's peer relationships, and the woman's peer relationships. Women who experience postpartum depression often feel isolated from friends and other supports (Taylor, 1996).

Postpartum depression often has intense effects on marriage and on the spouse as well. It has been shown that men who have a partner with postpartum depression are themselves at risk for depression (Roberts, Bushnell, Collings, & Purdie, 2006). The quality and supportiveness of a woman's relationships seems to have direct bearing on her risk for Postpartum Depression.

Many people also feel that in the case of maternal depression, the father will step in to compensate for the less optimal mother-infant interactions that come with postpartum depression. Research has shown this to be untrue. Partners of depressed women showed less than optimal interactions with their infants as well as higher parenting stress (Goodman, 2008).

Postpartum depression can also affect how children interact with other children. Exposure to postpartum depression was associated with increased likelihood of displaying physical aggression among boys and verbal aggression among girls (Hipwell et al., 2005). Since postpartum depression has far reaching effects it makes sense to understand how it develops and who is at risk.

Predictors of Postpartum Depression

A list of risk factors for postpartum depression was created from a review of the medical, psychological, and social sciences literature (e.g., Kurstjens & Wolke, 2001; Righetti-Veltema et al., 2003; Johnstone et al., 2001). The predictors included low self-esteem, antenatal anxiety, low social support, problems in relationship with partner, negative cognitive style, low income, history of abuse, previous miscarriage, previous depression, difficult delivery, difficult or high risk pregnancy, unplanned pregnancy, unpreparedness for parenting, problems in relationship with parents, young or older parenting concerns, carrying multiples, previous postpartum

depression, and having simultaneous major life stressors such as divorce, death of a loved one, or moving.

There is a strong connection between antenatal depression, antenatal anxiety, and postpartum depression. Antenatal anxiety is a strong precursor of postpartum depression (Austin, Tully, & Parker, 2007) and one of its main predictors (Robertson, Grace, Wallington, & Stewart, 2004). Antenatal depression is a depressive episode that begins in pregnancy and is often a predictor of postnatal depression (Harvey & Pun, 2007). Antenatal anxiety joins low self-esteem, low social support, negative cognitive style, major life events, low socioeconomic status, and history of abuse as significant predictors for antenatal depression. (Leigh & Milgrom, 2008). Risk factor profiles for antenatal depression, postnatal depression and parenting stress differ but are interrelated. Antenatal depression is seen as the strongest predictor of postnatal depression and postnatal depression was the strongest predictor for parenting stress (Leigh & Milgrom, 2008). During pregnancy, one significant predictor of postpartum depression is anxiety about postpartum depression and the postpartum significant predictors include anxiety and lack of social support (Liabsuetrakul, Vittayanont & Pitanupong, 2007).

Predictors of postpartum depression, which include need for support, lack of support received, and lack of closeness to partner, are shown to be the same across diverse samples of women (Logsdon & Usui, 2001). Support and perceived support is a very strong theme in the study of postpartum depression. When a woman feels alone in pregnancy, parenting, and life struggles, she is likely to feel the isolation that can contribute to postpartum depression.

Rationale for a Screening Tool

Screening tools are extremely useful in detecting women requiring psychiatric intervention (Harvey & Pun, 2007). However, many of the current screeners, such as the Postpartum Depression Risk Screener (PDRS) and the Patient Health Questionnaire 9 (PHQ-9), do not have as much clinical benefit in predicting postpartum depression before delivery as they have in the postpartum period (Gjerdingen, Crow, McGovern, Miner, & Center, 2009; Liabsuetrakul et al., 2007). Women and their families may suffer extreme hardship because of postpartum depression, yet very little data exist to explain the impact of life experiences on postpartum depression. Inconsistency in diagnosis and even identification make it difficult to understand risks and preventative measures. Varied life experiences, such as abuse, may alter a woman's subjective perception of the normal developmental processes of labor, delivery, and postpartum recovery (Mason, Rice, & Records, 2005).

The present study looked at the risk factors in populations of postpartum women to see which were most predictive of postpartum depression. Initially a set of 33 risk factors were identified in the postpartum and antenatal literature to create the first version of the Measurement Of Motherhood Stress (MOMS; Jenkins, 2009). There are two hypotheses of the present study. The first hypothesis is that some identified antenatal factors would be more predictive of postpartum depression than other factors. Those factors were then used to construct the Measurement of Motherhood Stress – Second Edition (MOMS-II). The second hypothesis was that as the number of risk factors increase, then the score on the Edinburgh Postnatal Depression Scale (EPDS) and PHQ-9 would rise.

Chapter 2

Methods

Participants

Participants were recruited using an advertisement on the Internet. Using Craigslist in major cities of all 50 states, participants were gathered through the “volunteers needed” category (see Appendix A). Following a link on the Craigslist ad, participants were directed to a SurveyMonkey introduction page including informed consent (see Appendix B). After consenting to participation, the MOMS, the EPDS, and the PHQ-9 were given to 160 pregnant women (see Appendix C). Postpartum depression was measured by combining scores on the EPDS total Score and the PHQ-9 total score. Scores on the individual measures were also considered.

A link to the SurveyMonkey version of the postpartum portion of the survey was sent via email to the 160 participants who had completed the prenatal portion of the survey approximately five weeks after each due date (see Appendix D). Eighty-one women responded to the postpartum section. The postpartum portion of the survey included the EPDS (see Appendix E), the PHQ-9 (see Appendix F), and expanded demographic information.

There were 270 women who began the study by following the SurveyMonkey link on Craigslist, however participants who did not complete the entire survey were excluded. Additionally, participants who were excluded include men, women who were not pregnant at the time of the initial contact, and women who were not willing to consent to the testing process.

Participants were volunteers and were free to withdraw from the study at anytime with no penalty. Participants were part of a drawing for one of four \$50 Babies R Us gift cards as a thank you for participation.

Materials

Using medical, psychological, and social sciences literature, a list of risk factors for postpartum depression was created (e.g., Johnstone et al., 2001; Kurstjens & Wolke, 2001; Righetti-Veltema et al., 2003). These predictors included low self-esteem, antenatal anxiety, low social support, problems in relationship with partner, negative cognitive style, low income, history of abuse, previous miscarriage, previous depression, difficult delivery, difficult or high risk pregnancy, unplanned pregnancy, unpreparedness for parenting, problems in relationship with parents, young or older parenting concerns, carrying multiples, previous postpartum depression, and experiencing simultaneous major life stressors such as divorce, death of a loved one, or moving. A list of statements was created using the risk factors and was added to a likert-type scale to create the MOMS (see Appendix G).

The MOMS questionnaire was given in English to participants during pregnancy. The women indicated their due dates in the first portion of the survey. Around five weeks after each delivery date, the follow up postpartum survey was sent via email. The second part of the study included the EPDS and the PHQ-9 to determine the level of depression. Both measures were combined to create a Combined Equally Weighted Total Score. This score was used to determine which participants showed postpartum depression. Some women only met criteria on one scale instead of both. Positive scores on the individual scales were also considered.

The 10-item EPDS is a commonly used instrument to screen for postpartum depression (Hanusa, Scholle, Haskett, Spadaro, & Wisner, 2008). It was designed to reduce the focus on the somatic symptoms that are common both to women in the postpartum period and to women with depression, such as poor sleep quality and weight gain or loss and was developed because most episodes of postnatal depression were undetected and untreated (Hanusa et. al., 2008; Leverton & Elliot, 2000). The cutoff point used to identify women at high risk for Major Depressive Disorder varies among studies. Most studies use either the 9/10 cutoff (with less than or equal to 9 for low risk and greater than or equal to 10 for high risk) or the 12/13 cutoff (with less than or equal to 12 for low risk and greater than or equal to 13 for high risk). The systematic introduction of the EPDS has been followed by reports of increased detection of postnatal depression (Leverton & Elliot, 2000). The EPDS consists of 10 items scored from 0 to 3 (resulting range 0–30). Scores above 12 may be referred to as indicating *probable depression*, scores above 9 as *possible depression* (Leverton & Elliott, 2000). Reliability of the measure was not reported and concurrent validity established that a 12.5 cutoff score identified over 80% of the mothers with major depression and about 50% of mothers with minor depression, and had a sensitivity value of 67.7% (Cox, Holden, & Sagovsky, 1987).

The 9-item PHQ-9 is a screen for mood disorders most often used in medical settings. Each item is rated with regard to how frequently each symptom has occurred over the past two weeks and has four possible responses: *not at all*, *several days*, *more than half the days*, and *nearly every day*. The PHQ-9 is taken from the Primary Care Evaluation of Mental Disorders (PRIME-MD) and was designed to screen for Major Depressive Disorders. It was not developed to screen for postpartum depression, however it has been widely used for that purpose and

validated in primary care settings. For the PHQ-9, they reported a specificity of 88% and a sensitivity of 88%. (Hanusa et. al., 2008).

Procedures

Study participants were recruited using an advertisement on the Internet. Using the “volunteers needed” category on Craigslist, participants were gathered in major cities in all fifty states. Following a link on the Craigslist ad, participants were directed to a SurveyMonkey survey. After consenting to participation, the MOMS (Jenkins, 2009), the EPDS, and the PHQ-9 were given to 160 women self-identified as pregnant.

Participants were informed of their rights to withdraw from participation at any time during the study as well as their risks in participating. The testing was completed using a SurveyMonkey survey. Participants were gathered beginning April 23, 2010 and ending May 4, 2010. Women were given a likert-type questionnaire related to postpartum risk-factors during their last trimester of pregnancy (MOMS) along with the EPDS and PHQ-9. They were then emailed a link using email addresses provided in the first portion of the survey for the EPDS and PHQ-9 about 5 weeks following their listed due dates. The questions on the MOMS and the patient characteristics found to be most predictive were used to develop MOMS-II. The effects were expressed as regression coefficients with standard errors and 95% confidence intervals. All tests were two-tailed. Analyses were conducted on SPSS. A score above 10 on the EPDS was indicative of postpartum depression (Leverson & Elliott, 2000) as well as a score above 10 on the PHQ-9 is indicative of depression. A combined score of 20 was used to determine Postpartum Depression.

Chapter 3

Results

Participants

Respondents who completed the postpartum portion of the survey were primarily European-American (66 women). Five women were African American, 2 women were Hispanic, 1 woman identified as American Indian, 2 women identified as Japanese, 2 women were Indian, and 3 women identified as being multiracial. Initially, 160 women fully responded to the antenatal questionnaire, which included the original MOMS, the EDPS, and the PHQ-9 along with some basic demographic information. Eighty-one women responded to the postpartum portion of the survey, which included expanded demographic information, the EPDS, and the PHQ-9. Analysis of variance was performed comparing combined total scores of women who completed both portions of the survey versus those who completed only the initial portion; the difference was not significant (See Appendix H).

Hypothesis A

A linear regression analysis was performed to determine which antenatal MOMS items and life stressors were best able to predict postpartum depression scores as measured by the EPDS and PHQ-9. Items were selected based on their significance as predictors (either significant or approaching significance) and the strength of their correlation to postpartum depression scores. Taken together, these items accounted for 31% of the total variance in the postpartum depression scores on the combined total (adj R squared = .31; $F(df = 11) = 4.08$, $p < .01$). This regression

equation has more predictive power in relation to postpartum depression when used antenatally than either the EPDS (adj R squared = .22; $F(df = 1) = 24.20$, $p < .01$) or the PHQ-9 (adj R squared = .13; $F(df = 1) = 13.19$, $p < .01$). The MOMS-II is also more predictive than both the EPDS and PHQ-9 combined (adj R squared = .24, $F(df = 2) = 13.35$, $p < .01$). The items selected are as follows:

1. I am happy with most of my relationships ($B = -.581$, $p = .035$; $r = -.488$, $p < .01$ (combined))
2. I am expecting a difficult delivery ($B = -.337$, $p = .021$; $r = .088$, $p = .442$, (combined))
3. I have a connection with my medical provider ($B = -.424$, $p = .049$; $r = -.211$, $p = .062$, PHQ-9)
4. This pregnancy was unplanned ($B = -.286$, $p = .022$; $r = -.019$, $p = .867$; EPDS)
5. People have supported me throughout my pregnancy ($B = -.427$, $p = .069$; $r = -.026$, $p < .822$; EPDS)
6. I like myself ($r = -.391$, $p < .01$; Combined Total)
7. I get along well with others ($r = -.481$, $p < .01$; Combined Total)
8. I have had unexplained nervousness in my last trimester ($r = .277$, $p = .043$, Combined)
9. I have had panic symptoms during pregnancy ($r = .309$, $p < .01$; EPDS)
10. I am connected with my community ($r = -.269$, $p = .016$; EPDS)
11. I have relationship problems with my partner ($r = .488$, $p < .01$; EPDS)
12. I have a strong connection with my partner ($r = -.273$, $p = .014$; EPDS)
13. I have financial concerns ($r = -.360$, $p < .01$; EPDS)

Given a larger n , it is expected that the items which approached significance would prove significant, and this would be a fruitful area for further research as the MOMS continues to improve with further revision. The 13 items found to be significant or nearly significant were combined to create the 10-item MOMS-II.

Hypothesis B

Reversing the risk factor items and then adding all the items together created a MOMS total score. With a minimum score of 33 and a maximum score of 165, with higher scores being indicative of greater resources and coping skills and lower scores highlighting risk for depression. It was predicted that as the number of stressors endorsed increase, the total combined depression score (from EPDS and PHQ-9) would increase. As predicted, the Combined Equally Weighted Total Score, indicating depression, did increase as the number of antenatal stressors increased showing a positive correlation between antenatal stressors and the postpartum Combined Totals, the EPDS, and the PHQ-9 Scores ($r = .351$, $p < .01$; $r = .293$, $p < .01$; $r = .397$, $p < .01$). The more stressors endorsed on the MOMS, the higher the depression scores on the EPDS and the PHQ-9.

Chapter 4

Discussion

The results of this study show the value of an antenatal screener for postpartum depression. While it has been found that screening at 6-8 weeks postpartum can be effective for identifying postpartum depression, it would be beneficial if providers were able to identify a woman's risk of developing postpartum depression and work to mediate or even prevent symptom development. By identifying at-risk women, it will likely be easier to develop specific and targeted treatments for vulnerable women and families.

Other measures such as the EPDS and PHQ-9 are often used to screen for postpartum depression antenatally, however they were created to be used with postpartum women. The MOMS-II was created to be used antenatally which can explain the ability to more accurately predict risk.

Two different constructs came out in this research. The thirteen significant items distill neatly into two categories, Relational Items and Anxiety Related Items. The Relational Items include *"I am happy with most of my relationships," "I have a connection with my medical provider," "People have supported me throughout my pregnancy," "I like myself," "I get along well with others," "I am connected with my community," "I have relationship problems with my partner,"* and *"I have a strong connection with my partner."* Anxiety Related Items include *"I am expecting a difficult delivery," "This pregnancy was unplanned," "I have had unexplained*

nervousness in my last trimester,” “I have had panic symptoms during pregnancy,” and “I have financial concerns.”

It is important to continue to look at these two areas when studying risk for postpartum depression. It is also possible that these categories could have impacts on treatment as well. Since prenatal anxiety has been shown to often precede postpartum depression, identifying it early has important treatment implications. The relational construct is vitally important for both prevention and treatment of maternal mental health disorders. Putting the idea of support related to postpartum depression into the context of relationship health helps to sort out the complexities of this broad category.

Studies to determine the value of phone versus in-person screenings would be valuable as well as an evaluation of ideal points during pregnancy to screen are needed in addition to further validity studies of the MOMS-II. Further studies to determine whether prevention of postpartum depression reduces rates and effects of postpartum depression would be useful as well. As validity studies are conducted on the MOMS, differing cutoff points may be found to be more useful.

Women who completed the antenatal portion of the survey but did not complete the second part of the survey were not significantly different from those who completed the second part. An analysis of the data was performed and there was found to be no significant difference. Additionally, 3 of the 81 postpartum respondents emailed the researchers with personal stories related to postpartum depression. It seemed to be particularly helpful to have a place to discuss their personal struggles. One woman even shared a link to her personal blog. These personal stories seem to indicate the very delicate nature and importance of studies like these.

Screening is a beginning point in identifying these women, however an increase in prevention and treatment must follow an increase in successful screening. Screening without follow up support would be of no benefit. Additionally, there needs to be a balance of addressing these issues without pathologizing women's experiences.

Limitations

Our study had several limitations affecting its generalizability. The data were collected using a Craigslist advertisement in order to quickly obtain a large number of women across the country. There was no way to ensure the accuracy or truthfulness of the responses or to ensure that the participants were in fact pregnant and postpartum women. Additionally, the ad was placed in a "volunteers needed" category of Craigslist and participants looking on these forums may have certain characteristics that could contribute to their scores on the screeners. Additionally, it is unknown whether having access to a computer or the Internet is correlated with certain demographic factors. This should be addressed in further research.

Further studies to validate the MOMS-II are needed. Areas for further study using the MOMS-II could include determining optimal timing during pregnancy for administration and comparing the method used for gathering participants in this study versus more standardized methods. Another limitation of this study was that our population had a depression rate of 25 percent, which is somewhat higher than the reported national average. Finally, we did not administer the screening tests in random order, which may have additionally affected results.

The medical community as well as community, state, national, and international agencies are looking at the impact of postpartum depression on women, children, families, and communities (House Bill 2666, 2010). As we continue to learn about the effects of maternal

mental health on the family, the individual, and the community, we see a stronger need for an effective screening tool and the findings of this study inform the process by identifying such an instrument.

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Appendix A

Sample Craigslist Ads

Sample Craigslist Ads

Title:

Pregnant Volunteers Needed to Take Survey

Ad Body:

Please help with my research study. I need pregnant women to fill out this survey:

<http://www.SurveyMonkey.com/s/HLHZWV6>

As a thank you, you could win a gift card to “Babies R Us”.

Title:

Pregnant? Take my survey

Ad Body:

I need pregnant women to fill out this survey. As a thank you, I will enter participants in to win a gift card.

<http://www.SurveyMonkey.com/s/HLHZWV6>

Appendix B

Informed Consent

Pregnancy Study

1. Introduction to Part A of this study

Hello,

Thank you for volunteering for my study on pregnancy and postpartum mental health. I am a student in the Doctoral Program of Clinical Psychology at George Fox University in Oregon. I am interested in learning more about mental health during pregnancy and the postpartum period. Please don't hesitate to email if you have any questions. ALL PARTICIPANTS WILL BE ENTERED IN TO WIN ONE OF FOUR \$50 Gift Cards for BABIES R US.

Thank you for participating,
Danielle Jenkins, MA
djenkins07@georgefox.edu

2. Consent to participate

This research project is being conducted by:

Name of the researcher: Danielle D. Jenkins
Address: 414 N. Meridian Street, V289, Newberg, Oregon 97132
Email address: djenkins07@georgefox.edu
Name of faculty supervisor: Nancy Thurston
Email Address: nthurston@georgefox.edu

Description of participant's Role:

- Prior to delivery, participants will be given a series of questions about pregnancy and mental health.
- 5 weeks following the due date, the participants will be given a similar series of questions
- Time commitment: 2-15 minute sessions.
- All participants will be entered into drawing for \$50 gift card to Babies R Us
- This is a low-risk experiment

Participant Consent Form:

I agree to take part in this study. I am involved in this study without pressure and without payment. In addition, I have been given enough information about this study. I understand what is expected of me.

I understand the following are true:

- I am at least 18 years old.
- The researcher, Danielle Jenkins, has answered all of my questions.
- I understand that any information gathered about me during this study is confidential and private.
- Plans for protecting my privacy will be explained to me if any of the information needs to be saved for any reason.
- I understand that I may end my participation in this research project at any time with no penalty.
- I understand that my participation in this research is not connected to my medical treatment.
- If I find that I am upset by my involvement in this research, I may let the researcher know or will contact my primary doctor.
- If I have questions once the study is over, I may contact the research project supervisor, Dr. Nancy Thurston at nthurston@georgefox.edu or the primary researcher, Danielle Jenkins, MA, djenkins07@georgefox.edu.

BY CONTINUING ON IN THIS SURVEY YOU ARE CONSENTING TO PARTICIPATE AND ARE INDICATING THAT YOU UNDERSTAND THE ABOVE STATEMENTS.

1. I agree to and fully understand the items above. I agree to hold Danielle Jenkins or George Fox harmless in the event that I feel upset by my participation.

- ☐ yes
- ☐ no (if the answer is no, please discontinue participation at this time)

Appendix C

Pregnancy Study

Pregnancy Study

1. Please rate the following:

	Doesn't describe me at all	(between doesn't and neutral)	Neutral	(between neutral and fully)	Describes me fully
I like myself....	☐	☐	☐	☐	☐
I get along well with others....	☐	☐	☐	☐	☐
I am happy with most of my relationships....	☐	☐	☐	☐	☐
I avoid others....	☐	☐	☐	☐	☐
I have experienced unexplained nervousness in my last trimester....	☐	☐	☐	☐	☐
I have had panic symptoms during my pregnancy....	☐	☐	☐	☐	☐
I have people who support me in general....	☐	☐	☐	☐	☐
People have supported me throughout my pregnancy....	☐	☐	☐	☐	☐
I have a connection with my medical provider....	☐	☐	☐	☐	☐
I am connected with my community....	☐	☐	☐	☐	☐
I have relationship problems with my partner...	☐	☐	☐	☐	☐
I have a strong connection with my partner...	☐	☐	☐	☐	☐
I feel supported by my partner....	☐	☐	☐	☐	☐
I see the world in a negative light....	☐	☐	☐	☐	☐
The world is a safe place....	☐	☐	☐	☐	☐
I am currently at risk of homelessness....	☐	☐	☐	☐	☐
I feel safe and secure in my home....	☐	☐	☐	☐	☐
I have enough money to pay my bills....	☐	☐	☐	☐	☐
I am more worried about finances as a result of this pregnancy....	☐	☐	☐	☐	☐
I have experienced abuse at some time in my life....	☐	☐	☐	☐	☐
I have experienced a previous miscarriage....	☐	☐	☐	☐	☐
I have experienced a bout of depression....	☐	☐	☐	☐	☐
I am expecting a difficult delivery....	☐	☐	☐	☐	☐
My pregnancy is considered high risk....	☐	☐	☐	☐	☐
My pregnancy has been difficult....	☐	☐	☐	☐	☐
My pregnancy has been the best time of my life....	☐	☐	☐	☐	☐

Pregnancy Study

This pregnancy was unplanned....	☐	☐	☐	☐	☐
I look forward to meeting my child....	☐	☐	☐	☐	☐
I feel unprepared to care for an infant....	☐	☐	☐	☐	☐
Adding a child to my family will add a lot of stress on my family....	☐	☐	☐	☐	☐
I have problems in my relationship with parents....	☐	☐	☐	☐	☐
I anticipate a majority of my support will come from my parents....	☐	☐	☐	☐	☐
I had depression in a previous pregnancy or postpartum time...	☐	☐	☐	☐	☐

5.

1. Please check the answer that comes closest to how you have felt IN THE PAST 7 DAYS, not just how you feel today.

In the past 7 days:

	As much as I always could	Not quite so much now	Definitely not so much now	Not at all
I have been able to laugh and see the funny side of things...	☐	☐	☐	☐

2. In the past 7 days:

	As much as I ever did	Rather less than I used to	Definitely less than I used to	Hardly at all
I have looked forward with enjoyment to things...	☐	☐	☐	☐

3. In the past 7 days:

	Yes, most of the time	Yes, some of the time	Not very often	No, never
*I have blamed myself unnecessarily when things went wrong...	☐	☐	☐	☐

4. In the past 7 days:

	No, not at all	Hardly ever	Yes, sometimes	Yes, very often
I have been anxious or worried for no good reason...	☐	☐	☐	☐

5. In the past 7 days:

	Yes, quite a lot	Yes, sometimes	No, not much	No, not at all
*I have felt scared or panicky for no very good reason...	☐	☐	☐	☐

Pregnancy Study

difficult....

My pregnancy has been the
best time of my life....

☐
☐
☐
☐
☐

This pregnancy was
unplanned....

☐
☐
☐
☐
☐

I look forward to meeting
my child....

☐
☐
☐
☐
☐

I feel unprepared to care
for an infant....

☐
☐
☐
☐
☐

Adding a child to my family
will add a lot of stress on
my family....

☐
☐
☐
☐
☐

I have problems in my
relationship with parents....

☐
☐
☐
☐
☐

I anticipate a majority of
my support will come from
my parents....

☐
☐
☐
☐
☐

I had depression in a
previous pregnancy or
postpartum time...

☐
☐
☐
☐
☐

Appendix D

Postpartum Study

Postpartum study

4.

1. Please check the answer that comes closest to how you have felt IN THE PAST 7 DAYS, not just how you feel today.

In the past 7 days:

	As much as I always could	Not quite so much now	Definitely not so much now	Not at all
I have been able to laugh and see the funny side of things...	☐	☐	☐	☐

2. In the past 7 days:

	As much as I ever did	Rather less than I used to	Definitely less than I used to	Hardly at all
I have looked forward with enjoyment to things...	☐	☐	☐	☐

3. In the past 7 days:

	Yes, most of the time	Yes, some of the time	Not very often	No, never
*I have blamed myself unnecessarily when things went wrong...	☐	☐	☐	☐

4. In the past 7 days:

	No, not at all	Hardly ever	Yes, sometimes	Yes, very often
I have been anxious or worried for no good reason...	☐	☐	☐	☐

5. In the past 7 days:

	Yes, quite a lot	Yes, sometimes	No, not much	No, not at all
*I have felt scared or panicky for no very good reason...	☐	☐	☐	☐

6. In the past 7 days:

	Yes, most of the time I haven't been able to cope at all	Yes, sometimes I haven't been coping as well as usual	No, most of the time I have coped quite well	No, I have been coping as well as ever
*Things have been getting on top of me...	☐	☐	☐	☐

7. In the past 7 days:

	Yes, most of the time	Yes, sometimes	Not very often	No, not at all
*I have been so unhappy that I have had difficulty sleeping...	☐	☐	☐	☐

8. In the past 7 days:

	Yes, most of the time	yes, quite often	Not very often	No, not at all
*I have felt sad or miserable...	☐	☐	☐	☐

Postpartum study

9. In the past 7 days:

	Yes, most of the time	Yes, quite often	Only occasionally	No, never
*I have been so unhappy that I have been crying...	☐	☐	☐	☐

10. In the past 7 days:

	Yes, quite often	Sometimes	Hardly ever	Never
*The thought of harming myself has occurred to me...	☐	☐	☐	☐

Postpartum study

5.

1. Over the last 2 weeks, how often have you been bothered by any of the following problems?

	Not at all	Several days	More than half the days	Nearly every day
1. Little interest or pleasure in doing things	☐	☐	☐	☐
2. Feeling down, depressed, or hopeless	☐	☐	☐	☐
3. Trouble falling or staying asleep, or sleeping too much	☐	☐	☐	☐
4. Feeling tired or having little energy	☐	☐	☐	☐
5. Poor appetite or overeating	☐	☐	☐	☐
6. Feeling bad about yourself or that you are a failure or have let yourself or your family down	☐	☐	☐	☐
7. Trouble concentrating on things, such as reading the newspaper or watching television	☐	☐	☐	☐
8. Moving or speaking so slowly that other people could have noticed. Or the opposite being so figety or restless that you have been moving around a lot more than usual	☐	☐	☐	☐
9. Thoughts that you would be better off dead, or of hurting yourself	☐	☐	☐	☐

Appendix E

Edinburgh Postnatal Depression Scale

Edinburgh Postnatal Depression Scale¹ (EPDS)

Name: _____

Address: _____

Your Date of Birth: _____

Baby's Date of Birth: _____

Phone: _____

As you are pregnant or have recently had a baby, we would like to know how you are feeling. Please check the answer that comes closest to how you have felt **IN THE PAST 7 DAYS**, not just how you feel today.

Here is an example, already completed.

I have felt happy:

- ☐ Yes, all the time
☒ Yes, most of the time This would mean: "I have felt happy most of the time" during the past week.
☐ No, not very often Please complete the other questions in the same way.
☐ No, not at all

In the past 7 days:

1. I have been able to laugh and see the funny side of things ☐ As much as I always could ☐ Not quite so much now ☐ Definitely not so much now ☐ Not at all 2. I have looked forward with enjoyment to things ☐ As much as I ever did ☐ Rather less than I used to ☐ Definitely less than I used to ☐ Hardly at all *3. I have blamed myself unnecessarily when things went wrong ☐ Yes, most of the time ☐ Yes, some of the time ☐ Not very often ☐ No, never 4. I have been anxious or worried for no good reason ☐ No, not at all ☐ Hardly ever ☐ Yes, sometimes ☐ Yes, very often *5. I have felt scared or panicky for no very good reason ☐ Yes, quite a lot ☐ Yes, sometimes ☐ No, not much ☐ No, not at all	*6. Things have been getting on top of me ☐ Yes, most of the time I haven't been able to cope at all ☐ Yes, sometimes I haven't been coping as well as usual ☐ No, most of the time I have coped quite well ☐ No, I have been coping as well as ever *7. I have been so unhappy that I have had difficulty sleeping ☐ Yes, most of the time ☐ Yes, sometimes ☐ Not very often ☐ No, not at all *8. I have felt sad or miserable ☐ Yes, most of the time ☐ Yes, quite often ☐ Not very often ☐ No, not at all *9. I have been so unhappy that I have been crying ☐ Yes, most of the time ☐ Yes, quite often ☐ Only occasionally ☐ No, never *10. The thought of harming myself has occurred to me ☐ Yes, quite often ☐ Sometimes ☐ Hardly ever ☐ Never

Administered/Reviewed by _____ Date _____

¹Source: Cox, J.L., Holden, J.M., and Sagovsky, R. 1987. Detection of postnatal depression: Development of the 10-item Edinburgh Postnatal Depression Scale. *British Journal of Psychiatry* 150:782-786.

²Source: K. L. Wisner, B. L. Parry, C. M. Piontek, Postpartum Depression N Engl J Med vol. 347, No 3, July 18, 2002, 194-199

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Appendix F

Patient Health Questionnaire

PATIENT HEALTH QUESTIONNAIRE (PHQ-9)

NAME: _____

DATE: _____

Over the *last 2 weeks*, how often have you been bothered by any of the following problems?
(use “✓” to indicate your answer)

	Not at all	Several days	More than half the days	Nearly every day
1. Little interest or pleasure in doing things	0	1	2	3
2. Feeling down, depressed, or hopeless	0	1	2	3
3. Trouble falling or staying asleep, or sleeping too much	0	1	2	3
4. Feeling tired or having little energy	0	1	2	3
5. Poor appetite or overeating	0	1	2	3
6. Feeling bad about yourself—or that you are a failure or have let yourself or your family down	0	1	2	3
7. Trouble concentrating on things, such as reading the newspaper or watching television	0	1	2	3
8. Moving or speaking so slowly that other people could have noticed. Or the opposite—being so fidgety or restless that you have been moving around a lot more than usual	0	1	2	3
9. Thoughts that you would be better off dead, or of hurting yourself in some way	0	1	2	3

add columns: + +

(Healthcare professional: For interpretation of TOTAL, please refer to accompanying scoring card.)

TOTAL:

Appendix G

Measurement of Motherhood Stress – Version II

Measurement Of Motherhood Stress-Version II

MOMS-II

By Danielle D. Jenkins

Participant Info:

Name: _____ Date of Birth: _____

Due Date: _____ This is my first pregnancy: ☐ yes ☐ no I have # of children

Today's date: _____

	Doesn't describe me at all	--	Neutral	--	Describes me fully
I like myself....	1	2	3	4	5
I get along well with others and am happy with most of my relationships....	1	2	3	4	5
*I have experienced unexplained nervousness or panic symptoms in pregnancy....	1	2	3	4	5
People have supported me throughout my pregnancy....	1	2	3	4	5
I have a connection with my medical provider....	1	2	3	4	5
I am connected with my community....	1	2	3	4	5
*This pregnancy was unplanned....	1	2	3	4	5
*Finances are a stressor....	1	2	3	4	5
*I am expecting a difficult delivery....	1	2	3	4	5
*I have relationship problems with my partner or I don't have a strong connection to my partner....	1	2	3	4	5

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djenkins07@georgefox.edu.

Appendix H
Statistical Tables

Table H1

Combined Total Predictive Power

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2403.540	2	1201.770	13.352	.000 ^a
	Residual	6930.648	77	90.008		
	Total	9334.188	79			

a. Predictors: (Constant), PHQ9Total, EPDSTotal

b. Dependent Variable: CombPOSTtotal

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.507 ^a	.257	.238	9.48728

a. Predictors: (Constant), PHQ9Total, EPDSTotal

Table H2

EPDS Predictive Power

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2210.006	1	2210.006	24.197	.000 ^a
	Residual	7124.182	78	91.336		
	Total	9334.188	79			

a. Predictors: (Constant), EPDSTotal
b. Dependent Variable: CombPOSTtotal

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.487 ^a	.237	.227	9.55697

a. Predictors: (Constant), EPDSTotal

Table H3

PHQ-9 Predictive Power

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	393.921	1	393.921	13.189	.001 ^a
	Residual	2329.567	78	29.866		
	Total	2723.487	79			

a. Predictors: (Constant), PHQ9Total
b. Dependent Variable: EPDspostTOTAL

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.380 ^a	.145	.134	5.46500

a. Predictors: (Constant), PHQ9Total

Table H4

MOMS-II Predictive Power

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3374.650	11	306.786	4.079	.000 ^a
	Residual	4964.068	66	75.213		
	Total	8338.718	77			

a. Predictors: (Constant), I have a strong connection with my partner, I have experienced unexplained nervousness in my last trimester, Financial Concerns, I like myself, I am connected with my community, I have a connection with my medical provider, I have had panic symptoms during my pregnancy, People have supported me throughout my pregnancy, I get along well with others, I am happy with most of my relationships, I have relationship problems with my partner

b. Dependent Variable: CombPOSTtotal

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.636 ^a	.405	.305	8.67255

a. Predictors: (Constant), I have a strong connection with my partner, I have experienced unexplained nervousness in my last trimester, Financial Concerns, I like myself, I am connected with my community, I have a connection with my medical provider, I have had panic symptoms during my pregnancy, People have supported me throughout my pregnancy, I get along well with others, I am happy with most of my relationships, I have relationship problems with my partner

Table H5

Frequency Table

11=multiracial

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	66	41.3	81.5	81.5
2.00	5	3.1	6.2	87.7
3.00	2	1.3	2.5	90.1
4.00	1	.6	1.2	91.4
7.00	2	1.3	2.5	93.8
10.00	2	1.3	2.5	96.3
11.00	3	1.9	3.7	100.0
Total	81	50.6	100.0	
Missing System	79	49.4		
Total	160	100.0		

Age:

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1	21	13.1	13.1	13.1
2	42	26.3	26.3	39.4
3	59	36.9	36.9	76.3
4	27	16.9	16.9	93.1
5	8	5.0	5.0	98.1
6	3	1.9	1.9	100.0
Total	160	100.0	100.0	

I am having:

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1	152	95.0	95.0	95.0
2	5	3.1	3.1	98.1
3	3	1.9	1.9	100.0
Total	160	100.0	100.0	

This is my first pregnancy:

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	88	55.0	55.0	55.0
1	72	45.0	45.0	100.0
Total	160	100.0	100.0	

Depression

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	132	82.5	82.5	82.5
1	28	17.5	17.5	100.0
Total	160	100.0	100.0	

DiagnosesMaster

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid No Dx	119	74.4	74.4	74.4
Depression	15	9.4	9.4	83.8
Bipolar	2	1.3	1.3	85.0
Anxiety	8	5.0	5.0	90.0
PTSD	2	1.3	1.3	91.3
Other / Multiple Dx	14	8.8	8.8	100.0
Total	160	100.0	100.0	

Financial Concerns

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	65	40.6	40.6	40.6
1	95	59.4	59.4	100.0
Total	160	100.0	100.0	

Recent Death of a Loved One

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	153	95.6	95.6	95.6
1	7	4.4	4.4	100.0
Total	160	100.0	100.0	

MaritalStress

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	126	78.8	78.8	78.8
1	34	21.3	21.3	100.0
Total	160	100.0	100.0	

WorkStress

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	111	69.4	69.4	69.4
1	49	30.6	30.6	100.0
Total	160	100.0	100.0	

HousingIssues

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	120	75.0	75.0	75.0
1	40	25.0	25.0	100.0
Total	160	100.0	100.0	

Recent or Upcoming Divorce or Separation

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	152	95.0	95.0	95.0
1	8	5.0	5.0	100.0
Total	160	100.0	100.0	

Health Problems

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	141	88.1	88.1	88.1
1	19	11.9	11.9	100.0
Total	160	100.0	100.0	

Moving in Recent (6) Months

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	131	81.9	81.9	81.9
1	29	18.1	18.1	100.0
Total	160	100.0	100.0	

EDPSsig

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	87	54.4	54.4	54.4
1	73	45.6	45.6	100.0
Total	160	100.0	100.0	

PHQ9sig

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	116	72.5	72.5	72.5
1	44	27.5	27.5	100.0
Total	160	100.0	100.0	

PHQ9andEPDSbothsig

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	120	75.0	75.0	75.0
1	40	25.0	25.0	100.0
Total	160	100.0	100.0	

PHQ9andEPDSneithersig

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	77	48.1	48.1	48.1
1	83	51.9	51.9	100.0
Total	160	100.0	100.0	

EPDSpstSIG

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	138	86.3	86.3	86.3
1.00	22	13.8	13.8	100.0
Total	160	100.0	100.0	

PHQ9postSIG

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	14	8.8	100.0	100.0
Missing System	146	91.3		
Total	160	100.0		

Table H6. *Regression Combined Total*Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	46.613	22.776		2.047	.048
	I like myself	.972	1.890	.087	.515	.610
	I get along well with others	-.191	2.363	-.017	-.081	.936
	I am happy with most of my relationships	-5.545	2.532	-.581	-2.190	.035
	I avoid others	-.282	1.143	-.031	-.247	.807
	I have experienced unexplained nervousness in my last trimester	-.284	1.079	-.035	-.263	.794
	I have had panic symptoms during my pregnancy	1.047	1.032	.145	1.014	.317
	I have people who support me in general	2.641	2.212	.287	1.194	.240
	People have supported me throughout my pregnancy	4.024	2.496	.384	1.612	.115
	I have a connection with my medical provider	-2.402	1.507	-.299	-1.594	.120
	I am connected with my community	-1.022	1.141	-.138	-.895	.376
	I have relationship problems with my partner	-.308	1.392	-.046	-.221	.826
	I have a strong connection with my partner	-.851	1.933	-.102	-.440	.662
	I feel supported by my partner	.541	1.287	.067	.420	.677
	I see the world in a negative light	1.595	1.215	.187	1.313	.197
	The world is a safe place	-3.058	1.814	-.272	-1.686	.100
	I am currently at risk of homelessness.	1.670	1.404	.171	1.190	.242
	I feel safe and secure in my home	-.162	1.177	-.020	-.138	.891
	I have enough money to pay my bills	-1.556	1.022	-.243	-1.522	.136
	I am more worried about finances as a result of this pregnancy .	.279	1.024	.035	.273	.786
	I have experienced abuse at some time in my life .	-1.381	1.258	-.228	-1.098	.279
	I have experienced a previous miscarriage .	.376	.749	.063	.501	.619
	I have experienced a bout of depression .	.080	1.158	.013	.069	.946
	I am expecting a difficult delivery .	-2.656	1.106	-.337	-2.402	.021
	My pregnancy is considered high risk .	.095	1.115	.013	.086	.932

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	My pregnancy has been difficult .	1.057	1.051	.137	1.006	.321
	My pregnancy has been the best time of my life .	-1.229	1.121	-.155	-1.096	.280
	This pregnancy was unplanned .	-1.415	.733	-.241	-1.930	.061
	I look forward to meeting my child .	-2.604	2.754	-.109	-.945	.351
	I feel unprepared to care for an infant .	1.382	1.298	.145	1.064	.294
	Adding a child to my family will add a lot of stress on my family .	.554	1.412	.066	.392	.697
	I have problems in my relationship with parents .	-1.031	1.124	-.144	-.917	.365
	I anticipate a majority of my support will come from my parents .	-.038	.982	-.005	-.038	.970
	I had depression in a previous pregnancy or postpartum time	-.003	1.087	-.001	-.003	.997

a. Dependent Variable: CombPOSTtotal

Table H7

*Regression EPDS*Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	28.401	12.655		2.244	.031
	I like myself	.460	1.050	.071	.438	.664
	I get along well with others	-.288	1.313	-.043	-.220	.827
	I am happy with most of my relationships	-2.659	1.407	-.481	-1.890	.067
	I avoid others	-.453	.635	-.085	-.713	.480
	I have experienced unexplained nervousness in my last trimester	-.154	.600	-.033	-.257	.798
	I have had panic symptoms during my pregnancy	.428	.573	.103	.747	.460
	I have people who support me in general	.717	1.229	.135	.583	.563
	People have supported me throughout my pregnancy	2.594	1.387	.427	1.871	.069
	I have a connection with my medical provider	-.791	.837	-.170	-.945	.351
	I am connected with my community	-.453	.634	-.106	-.715	.479
	I have relationship problems with my partner	.104	.773	.027	.135	.893
	I have a strong connection with my partner	-.610	1.074	-.127	-.568	.573
	I feel supported by my partner	.341	.715	.072	.477	.636
	I see the world in a negative light	1.010	.675	.204	1.497	.143
	The world is a safe place	-1.814	1.008	-.279	-1.800	.080
	I am currently at risk of homelessness.	1.235	.780	.219	1.583	.122
	I feel safe and secure in my home	.036	.654	.008	.054	.957
	I have enough money to pay my bills	-.648	.568	-.175	-1.141	.261
	I am more worried about finances as a result of this pregnancy .	.225	.569	.049	.396	.694
	I have experienced abuse at some time in my life .	-.866	.699	-.247	-1.240	.223
	I have experienced a previous miscarriage .	.208	.416	.061	.500	.620
	I have experienced a bout of depression .	.391	.643	.109	.607	.547
	I am expecting a difficult delivery .	-1.395	.614	-.306	-2.272	.029
	My pregnancy is considered high risk .	.323	.620	.075	.522	.605

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	My pregnancy has been difficult .	.743	.584	.166	1.273	.211
	My pregnancy has been the best time of my life .	-.855	.623	-.186	-1.372	.178
	This pregnancy was unplanned .	-.972	.407	-.286	-2.386	.022
	I look forward to meeting my child .	-2.387	1.530	-.172	-1.560	.127
	I feel unprepared to care for an infant .	.901	.721	.163	1.248	.220
	Adding a child to my family will add a lot of stress on my family .	.179	.784	.037	.228	.821
	I have problems in my relationship with parents .	-.725	.625	-.175	-1.161	.253
	I anticipate a majority of my support will come from my parents .	.122	.546	.028	.224	.824
	I had depression in a previous pregnancy or postpartum time	-.269	.604	-.073	-.446	.658

a. Dependent Variable: EPDSpostTOTAL

Table H8. *Regression PHQ-9*

		Coefficients ^a				
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	18.212	11.957		1.523	.136
	I like myself	.512	.992	.097	.517	.609
	I get along well with others	.097	1.240	.018	.079	.938
	I am happy with most of my relationships	-2.886	1.329	-.641	-2.171	.036
	I avoid others	.171	.600	.039	.285	.777
	I have experienced unexplained nervousness in my last trimester	-.130	.567	-.034	-.229	.820
	I have had panic symptoms during my pregnancy	.618	.542	.182	1.142	.261
	I have people who support me in general	1.924	1.161	.444	1.657	.106
	People have supported me throughout my pregnancy	1.430	1.310	.289	1.091	.282
	I have a connection with my medical provider	-1.610	.791	-.424	-2.035	.049
	I am connected with my community	-.569	.599	-.163	-.949	.349
	I have relationship problems with my partner	-.412	.731	-.130	-.564	.576
	I have a strong connection with my partner	-.240	1.015	-.061	-.237	.814
	I feel supported by my partner	.200	.675	.052	.296	.769
	I see the world in a negative light	.584	.638	.145	.916	.366
	The world is a safe place	-1.244	.952	-.235	-1.307	.199
	I am currently at risk of homelessness.	.435	.737	.095	.591	.558
	I feel safe and secure in my home	-.198	.618	-.052	-.320	.751
	I have enough money to pay my bills	-.908	.537	-.300	-1.692	.099
	I am more worried about finances as a result of this pregnancy .	.054	.537	.014	.101	.920
	I have experienced abuse at some time in my life .	-.515	.660	-.180	-.780	.440
	I have experienced a previous miscarriage .	.167	.393	.060	.426	.673
	I have experienced a bout of depression .	-.311	.608	-.107	-.512	.612
	I am expecting a difficult delivery .	-1.260	.580	-.339	-2.171	.036
	My pregnancy is considered high risk .	-.228	.586	-.065	-.389	.699

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	My pregnancy has been difficult .	.314	.551	.086	.569	.573
	My pregnancy has been the best time of my life .	-.375	.589	-.100	-.636	.529
	This pregnancy was unplanned .	-.443	.385	-.160	-1.152	.257
	I look forward to meeting my child .	-.216	1.446	-.019	-.150	.882
	I feel unprepared to care for an infant .	.481	.682	.107	.706	.485
	Adding a child to my family will add a lot of stress on my family .	.375	.741	.095	.506	.616
	I have problems in my relationship with parents .	-.306	.590	-.091	-.519	.607
	I anticipate a majority of my support will come from my parents .	-.160	.516	-.045	-.309	.759
	I had depression in a previous pregnancy or postpartum time	.266	.571	.088	.466	.644

a. Dependent Variable: PHQ9postTOTAL

Table H9. *Regression Stressors*

Coefficients ^a					
Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	.531	7.284		.073	.942
StressorsTotal	-1.300	4.017	-.170	-.324	.747
Financial Concerns	6.493	3.255	.296	1.995	.050
Recent Death of a Loved One	-1.335	6.964	-.030	-.192	.849
MaritalStress	5.122	5.599	.180	.915	.364
WorkStress	3.223	4.259	.133	.757	.452
HousingIssues	.526	5.808	.019	.091	.928
Recent or Upcoming Divorce or Separation	9.702	7.995	.237	1.213	.229
Health Problems	-1.225	6.227	-.030	-.197	.845
Moving in Recent (6) Months	3.390	4.721	.134	.718	.475
This is my first pregnancy:	3.528	2.549	.162	1.384	.171
I am having:	2.763	5.159	.069	.536	.594
Age:	1.296	1.388	.128	.934	.354
11=multiracial	-.587	.532	-.135	-1.103	.274

a. Dependent Variable: CombPOSTtotal

Table H10. *Descriptive Statistics*

	N	Minimum	Maximum	Mean	Std. Deviation
StressorsTotal	160	0	8	2.02	1.473
I like myself	160	1	5	4.06	.956
I get along well with others	159	1	5	4.14	.940
I am happy with most of my relationships	159	1	5	3.95	1.101
I avoid others	158	1	5	2.37	1.148
I have experienced unexplained nervousness in my last trimester	159	1	5	2.25	1.200
I have had panic symptoms during my pregnancy	159	1	5	2.29	1.407
I have people who support me in general	160	1	5	4.22	1.114
People have supported me throughout my pregnancy	160	1	5	4.26	1.023
I have a connection with my medical provider	159	1	5	3.99	1.114
I am connected with my community	158	1	5	3.15	1.358
I have relationship problems with my partner	159	1	5	2.52	1.453
I have a strong connection with my partner	158	1	5	3.98	1.202
I feel supported by my partner	160	1	5	3.95	1.263
I see the world in a negative light	160	1	5	2.14	1.181
The world is a safe place	157	1	5	2.93	.994
I am currently at risk of homelessness.	158	1	5	1.59	1.101
I feel safe and secure in my home	159	1	5	3.99	1.166
I have enough money to pay my bills	160	1	5	3.29	1.464
I am more worried about finances as a result of this pregnancy .	158	1	5	3.44	1.323
I have experienced abuse at some time in my life .	158	1	5	2.71	1.671
I have experienced a previous miscarriage .	159	1	5	2.10	1.685
I have experienced a bout of depression .	159	1	5	3.09	1.586
I am expecting a difficult delivery .	159	1	5	1.96	1.198
My pregnancy is considered high risk .	159	1	5	2.07	1.489

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
My pregnancy has been difficult .	160	1	5	2.33	1.359
My pregnancy has been the best time of my life .	159	1	5	2.79	1.224
This pregnancy was unplanned .	159	1	5	2.91	1.728
I look forward to meeting my child .	158	1	5	4.75	.686
I feel unprepared to care for an infant .	160	1	5	1.94	1.240
Adding a child to my family will add a lot of stress on my family .	158	1	5	2.37	1.180
I have problems in my relationship with parents .	158	1	5	2.28	1.387
I anticipate a majority of my support will come from my parents .	159	1	5	2.43	1.309
I had depression in a previous pregnancy or postpartum time	159	1	5	2.13	1.470
EPDSTotal	160	0	25	9.36	5.840
PHQ9Total	160	0	27	7.05	5.766
EPDSpostTOTAL	80	.00	25.00	7.2625	5.87150
PHQ9postTOTAL	80	.00	25.00	4.9250	5.51356
CombPOSTtotal	80	.00	46.00	12.1875	10.86988
Valid N (listwise)	71				

Table H11. *Correlations*

		Correlations				
		Age:	I am having:	11=multiracial	This is my first pregnancy:	Depression
Age:	Pearson Correlation	1	.055	-.229	-.295	-.020
	Sig. (2-tailed)		.487	.040	.000	.799
	N	160	160	81	160	160
I am having:	Pearson Correlation	.055	1	-.067	.081	.004
	Sig. (2-tailed)	.487		.555	.310	.961
	N	160	160	81	160	160
11=multiracial	Pearson Correlation	-.229	-.067	1	-.030	.033
	Sig. (2-tailed)	.040	.555		.789	.771
	N	81	81	81	81	81
This is my first pregnancy:	Pearson Correlation	-.295	.081	-.030	1	-.020
	Sig. (2-tailed)	.000	.310	.789		.803
	N	160	160	81	160	160
Depression	Pearson Correlation	-.020	.004	.033	-.020	1
	Sig. (2-tailed)	.799	.961	.771	.803	
	N	160	160	81	160	160
Financial Concerns	Pearson Correlation	-.168	.019	.177	.083	.247
	Sig. (2-tailed)	.033	.814	.115	.296	.002
	N	160	160	81	160	160
Recent Death of a Loved One	Pearson Correlation	.038	.146	.157	-.132	.384
	Sig. (2-tailed)	.636	.066	.161	.096	.000
	N	160	160	81	160	160
MaritalStress	Pearson Correlation	-.084	.080	.127	.144	.283
	Sig. (2-tailed)	.293	.316	.260	.069	.000
	N	160	160	81	160	160
WorkStress	Pearson Correlation	-.098	.069	-.074	.244	.122
	Sig. (2-tailed)	.217	.383	.512	.002	.124
	N	160	160	81	160	160
HousingIssues	Pearson Correlation	-.280	.011	.085	.058	.190
	Sig. (2-tailed)	.000	.887	.449	.466	.016
	N	160	160	81	160	160
Recent or Upcoming Divorce or Separation	Pearson Correlation	-.111	.131	.319	-.035	.196
	Sig. (2-tailed)	.161	.100	.004	.664	.013
	N	160	160	81	160	160
Health Problems	Pearson Correlation	.048	.103	-.045	-.060	.187
	Sig. (2-tailed)	.549	.196	.692	.450	.018
	N	160	160	81	160	160
Moving in Recent (6) Months	Pearson Correlation	-.132	.051	.096	.129	.125
	Sig. (2-tailed)	.097	.520	.394	.104	.116
	N	160	160	81	160	160
StressorsTotal	Pearson Correlation	-.178	.131	.168	.108	.353

Postpartum Depression Predictors 60

Correlations

		Financial Concerns	Recent Death of a Loved One	MaritalStress	WorkStress	HousingIssues
Age:	Pearson Correlation	-.168	.038	-.084	-.098	-.280
	Sig. (2-tailed)	.033	.636	.293	.217	.000
	N	160	160	160	160	160
I am having:	Pearson Correlation	.019	.146	.080	.069	.011
	Sig. (2-tailed)	.814	.066	.316	.383	.887
	N	160	160	160	160	160
11=multiracial	Pearson Correlation	.177	.157	.127	-.074	.085
	Sig. (2-tailed)	.115	.161	.260	.512	.449
	N	81	81	81	81	81
This is my first pregnancy:	Pearson Correlation	.083	-.132	.144	.244	.058
	Sig. (2-tailed)	.296	.096	.069	.002	.466
	N	160	160	160	160	160
Depression	Pearson Correlation	.247	.384	.283	.122	.190
	Sig. (2-tailed)	.002	.000	.000	.124	.016
	N	160	160	160	160	160
Financial Concerns	Pearson Correlation	1	.115	.305	.246	.360
	Sig. (2-tailed)		.149	.000	.002	.000
	N	160	160	160	160	160
Recent Death of a Loved One	Pearson Correlation	.115	1	.337	.057	.159
	Sig. (2-tailed)	.149		.000	.476	.045
	N	160	160	160	160	160
MaritalStress	Pearson Correlation	.305	.337	1	.251	.159
	Sig. (2-tailed)	.000	.000		.001	.045
	N	160	160	160	160	160
WorkStress	Pearson Correlation	.246	.057	.251	1	.399
	Sig. (2-tailed)	.002	.476	.001		.000
	N	160	160	160	160	160
HousingIssues	Pearson Correlation	.360	.159	.159	.399	1
	Sig. (2-tailed)	.000	.045	.045	.000	
	N	160	160	160	160	160
Recent or Upcoming Divorce or Separation	Pearson Correlation	.190	.512	.161	.096	.265
	Sig. (2-tailed)	.016	.000	.042	.225	.001
	N	160	160	160	160	160
Health Problems	Pearson Correlation	.186	.205	.329	.175	.145
	Sig. (2-tailed)	.019	.009	.000	.027	.067
	N	160	160	160	160	160
Moving in Recent (6) Months	Pearson Correlation	.257	.137	.192	.145	.290
	Sig. (2-tailed)	.001	.083	.015	.067	.000
	N	160	160	160	160	160
StressorsTotal	Pearson Correlation	.548	.455	.607	.564	.661

Postpartum Depression Predictors 61

Correlations

		Recent or Upcoming Divorce or Separation	Health Problems	Moving in Recent (6) Months	Stressors Total	I like myself
Age:	Pearson Correlation	-.111	.048	-.132	-.178	-.104
	Sig. (2-tailed)	.161	.549	.097	.024	.190
	N	160	160	160	160	160
I am having:	Pearson Correlation	.131	.103	.051	.131	-.096
	Sig. (2-tailed)	.100	.196	.520	.099	.225
	N	160	160	160	160	160
11=multiracial	Pearson Correlation	.319	-.045	.096	.168	-.072
	Sig. (2-tailed)	.004	.692	.394	.134	.522
	N	81	81	81	81	81
This is my first pregnancy:	Pearson Correlation	-.035	-.060	.129	.108	-.020
	Sig. (2-tailed)	.664	.450	.104	.173	.804
	N	160	160	160	160	160
Depression	Pearson Correlation	.196	.187	.125	.353	-.341
	Sig. (2-tailed)	.013	.018	.116	.000	.000
	N	160	160	160	160	160
Financial Concerns	Pearson Correlation	.190	.186	.257	.548	-.173
	Sig. (2-tailed)	.016	.019	.001	.000	.029
	N	160	160	160	160	160
Recent Death of a Loved One	Pearson Correlation	.512	.205	.137	.455	-.206
	Sig. (2-tailed)	.000	.009	.083	.000	.009
	N	160	160	160	160	160
MaritalStress	Pearson Correlation	.161	.329	.192	.607	-.274
	Sig. (2-tailed)	.042	.000	.015	.000	.000
	N	160	160	160	160	160
WorkStress	Pearson Correlation	.096	.175	.145	.564	-.157
	Sig. (2-tailed)	.225	.027	.067	.000	.047
	N	160	160	160	160	160
HousingIssues	Pearson Correlation	.265	.145	.290	.661	-.098
	Sig. (2-tailed)	.001	.067	.000	.000	.216
	N	160	160	160	160	160
Recent or Upcoming Divorce or Separation	Pearson Correlation	1	.182	.413	.544	-.165
	Sig. (2-tailed)		.021	.000	.000	.037
	N	160	160	160	160	160
Health Problems	Pearson Correlation	.182	1	.078	.482	-.247
	Sig. (2-tailed)	.021		.327	.000	.002
	N	160	160	160	160	160
Moving in Recent (6) Months	Pearson Correlation	.413	.078	1	.546	-.082
	Sig. (2-tailed)	.000	.327		.000	.303
	N	160	160	160	160	160
StressorsTotal	Pearson Correlation	.544	.482	.546	1	-.309

Postpartum Depression Predictors 62

Correlations

		I get along well with others	I am happy with most of my relationships	I avoid others	I have experienced unexplained nervousness in my last trimester
Age:	Pearson Correlation	.039	.123	.077	-.081
	Sig. (2-tailed)	.624	.122	.334	.313
	N	159	159	158	159
I am having:	Pearson Correlation	-.103	-.098	.067	.170
	Sig. (2-tailed)	.196	.221	.402	.033
	N	159	159	158	159
11=multiracial	Pearson Correlation	.045	-.184	-.116	.086
	Sig. (2-tailed)	.692	.100	.310	.444
	N	81	81	79	81
This is my first pregnancy:	Pearson Correlation	-.154	-.131	-.010	.056
	Sig. (2-tailed)	.053	.100	.902	.480
	N	159	159	158	159
Depression	Pearson Correlation	-.336	-.370	.160	.140
	Sig. (2-tailed)	.000	.000	.044	.079
	N	159	159	158	159
Financial Concerns	Pearson Correlation	-.213	-.213	.149	.104
	Sig. (2-tailed)	.007	.007	.061	.192
	N	159	159	158	159
Recent Death of a Loved One	Pearson Correlation	-.131	-.186	.196	.161
	Sig. (2-tailed)	.099	.019	.014	.043
	N	159	159	158	159
MaritalStress	Pearson Correlation	-.277	-.311	.056	.150
	Sig. (2-tailed)	.000	.000	.487	.060
	N	159	159	158	159
WorkStress	Pearson Correlation	-.118	-.120	-.059	.060
	Sig. (2-tailed)	.140	.133	.460	.453
	N	159	159	158	159
HousingIssues	Pearson Correlation	-.120	-.238	.141	.030
	Sig. (2-tailed)	.131	.003	.078	.710
	N	159	159	158	159
Recent or Upcoming Divorce or Separation	Pearson Correlation	-.158	-.199	.177	.217
	Sig. (2-tailed)	.046	.012	.026	.006
	N	159	159	158	159
Health Problems	Pearson Correlation	-.181	-.089	-.013	.070
	Sig. (2-tailed)	.022	.264	.876	.378
	N	159	159	158	159
Moving in Recent (6) Months	Pearson Correlation	-.212	-.245	.051	.189
	Sig. (2-tailed)	.007	.002	.522	.017
	N	159	159	158	159
StressorsTotal	Pearson Correlation	-.295	-.334	.134	.194

Postpartum Depression Predictors 63

Correlations

		I have had panic symptoms during my pregnancy	I have people who support me in general	People have supported me throughout my pregnancy	I have a connection with my medical provider
Age:	Pearson Correlation	-.085	.248	.233	-.002
	Sig. (2-tailed)	.287	.002	.003	.980
	N	159	160	160	159
I am having:	Pearson Correlation	.134	-.060	-.035	-.033
	Sig. (2-tailed)	.091	.450	.661	.680
	N	159	160	160	159
11=multiracial	Pearson Correlation	.100	-.358	-.372	-.248
	Sig. (2-tailed)	.377	.001	.001	.027
	N	80	81	81	80
This is my first pregnancy:	Pearson Correlation	.094	-.133	-.116	-.081
	Sig. (2-tailed)	.237	.094	.143	.312
	N	159	160	160	159
Depression	Pearson Correlation	.181	-.254	-.212	.020
	Sig. (2-tailed)	.022	.001	.007	.800
	N	159	160	160	159
Financial Concerns	Pearson Correlation	.099	-.101	-.191	.060
	Sig. (2-tailed)	.216	.206	.015	.455
	N	159	160	160	159
Recent Death of a Loved One	Pearson Correlation	.124	-.042	.066	.091
	Sig. (2-tailed)	.120	.597	.406	.252
	N	159	160	160	159
MaritalStress	Pearson Correlation	.116	-.185	-.101	-.036
	Sig. (2-tailed)	.147	.019	.206	.651
	N	159	160	160	159
WorkStress	Pearson Correlation	.109	-.045	.006	.093
	Sig. (2-tailed)	.173	.569	.941	.241
	N	159	160	160	159
HousingIssues	Pearson Correlation	.091	-.179	-.159	-.006
	Sig. (2-tailed)	.255	.024	.044	.935
	N	159	160	160	159
Recent or Upcoming Divorce or Separation	Pearson Correlation	.196	-.071	-.086	.029
	Sig. (2-tailed)	.013	.372	.281	.721
	N	159	160	160	159
Health Problems	Pearson Correlation	.139	.032	-.054	-.032
	Sig. (2-tailed)	.081	.687	.495	.692
	N	159	160	160	159
Moving in Recent (6) Months	Pearson Correlation	.187	-.195	-.230	-.127
	Sig. (2-tailed)	.018	.014	.004	.112
	N	159	160	160	159
StressorsTotal	Pearson Correlation	.225	-.179	-.191	.031

Postpartum Depression Predictors 64

Correlations

		I am connected with my community	I have relationship problems with my partner	I have a strong connection with my partner	I feel supported by my partner
Age:	Pearson Correlation	.262	-.206	.207	.251
	Sig. (2-tailed)	.001	.009	.009	.001
	N	158	159	158	160
I am having:	Pearson Correlation	.152	.139	-.030	-.023
	Sig. (2-tailed)	.057	.080	.713	.777
	N	158	159	158	160
11=multiracial	Pearson Correlation	-.132	.165	-.293	-.082
	Sig. (2-tailed)	.238	.141	.008	.464
	N	81	81	81	81
This is my first pregnancy:	Pearson Correlation	-.050	.134	-.060	-.164
	Sig. (2-tailed)	.532	.091	.454	.039
	N	158	159	158	160
Depression	Pearson Correlation	-.344	.369	-.297	-.308
	Sig. (2-tailed)	.000	.000	.000	.000
	N	158	159	158	160
Financial Concerns	Pearson Correlation	-.243	.243	-.164	-.134
	Sig. (2-tailed)	.002	.002	.040	.091
	N	158	159	158	160
Recent Death of a Loved One	Pearson Correlation	-.046	.155	-.074	-.113
	Sig. (2-tailed)	.567	.050	.358	.155
	N	158	159	158	160
MaritalStress	Pearson Correlation	-.159	.373	-.249	-.234
	Sig. (2-tailed)	.046	.000	.002	.003
	N	158	159	158	160
WorkStress	Pearson Correlation	-.112	.098	.056	-.027
	Sig. (2-tailed)	.162	.219	.482	.730
	N	158	159	158	160
HousingIssues	Pearson Correlation	-.267	.221	-.222	-.241
	Sig. (2-tailed)	.001	.005	.005	.002
	N	158	159	158	160
Recent or Upcoming Divorce or Separation	Pearson Correlation	-.110	.215	-.165	-.128
	Sig. (2-tailed)	.168	.007	.038	.108
	N	158	159	158	160
Health Problems	Pearson Correlation	-.169	.148	-.075	-.077
	Sig. (2-tailed)	.034	.062	.347	.330
	N	158	159	158	160
Moving in Recent (6) Months	Pearson Correlation	-.220	.223	-.197	-.239
	Sig. (2-tailed)	.005	.005	.013	.002
	N	158	159	158	160
StressorsTotal	Pearson Correlation	-.274	.351	-.226	-.263

Postpartum Depression Predictors 65

Correlations

		I see the world in a negative light	The world is a safe place	I am currently at risk of homelessness.	I feel safe and secure in my home
Age:	Pearson Correlation	-.096	.134	-.061	.095
	Sig. (2-tailed)	.229	.094	.444	.234
	N	160	157	158	159
I am having:	Pearson Correlation	.024	.060	.179	-.050
	Sig. (2-tailed)	.767	.456	.025	.535
	N	160	157	158	159
11=multiracial	Pearson Correlation	-.011	-.158	.164	-.035
	Sig. (2-tailed)	.924	.160	.146	.758
	N	81	81	80	81
This is my first pregnancy:	Pearson Correlation	.156	.013	.019	-.028
	Sig. (2-tailed)	.048	.876	.815	.728
	N	160	157	158	159
Depression	Pearson Correlation	.265	-.223	.114	-.310
	Sig. (2-tailed)	.001	.005	.155	.000
	N	160	157	158	159
Financial Concerns	Pearson Correlation	.328	-.268	.125	-.236
	Sig. (2-tailed)	.000	.001	.117	.003
	N	160	157	158	159
Recent Death of a Loved One	Pearson Correlation	.156	-.019	.137	-.078
	Sig. (2-tailed)	.049	.809	.087	.329
	N	160	157	158	159
MaritalStress	Pearson Correlation	.287	-.137	.014	-.117
	Sig. (2-tailed)	.000	.087	.863	.141
	N	160	157	158	159
WorkStress	Pearson Correlation	.138	-.162	.189	-.220
	Sig. (2-tailed)	.082	.042	.017	.005
	N	160	157	158	159
HousingIssues	Pearson Correlation	.248	-.212	.338	-.399
	Sig. (2-tailed)	.002	.008	.000	.000
	N	160	157	158	159
Recent or Upcoming Divorce or Separation	Pearson Correlation	.069	-.172	.165	-.147
	Sig. (2-tailed)	.383	.032	.038	.064
	N	160	157	158	159
Health Problems	Pearson Correlation	.152	-.289	.080	-.165
	Sig. (2-tailed)	.055	.000	.318	.038
	N	160	157	158	159
Moving in Recent (6) Months	Pearson Correlation	.191	-.269	.044	-.278
	Sig. (2-tailed)	.016	.001	.586	.000
	N	160	157	158	159
StressorsTotal	Pearson Correlation	.328	-.343	.247	-.369

Postpartum Depression Predictors 66

Correlations

		I have enough money to pay my bills	I am more worried about finances as a result of this pregnancy .	I have experienced abuse at some time in my life .	I have experienced a previous miscarriage .
Age:	Pearson Correlation	.250	-.132	-.119	.105
	Sig. (2-tailed)	.001	.099	.136	.189
	N	160	158	158	159
I am having:	Pearson Correlation	.011	.062	.074	.046
	Sig. (2-tailed)	.888	.441	.359	.568
	N	160	158	158	159
11=multiracial	Pearson Correlation	-.235	.110	.262	-.079
	Sig. (2-tailed)	.035	.331	.020	.487
	N	81	80	79	80
This is my first pregnancy:	Pearson Correlation	-.032	.088	-.058	-.288
	Sig. (2-tailed)	.689	.273	.467	.000
	N	160	158	158	159
Depression	Pearson Correlation	-.237	.158	.330	.267
	Sig. (2-tailed)	.003	.047	.000	.001
	N	160	158	158	159
Financial Concerns	Pearson Correlation	-.552	.381	.289	.011
	Sig. (2-tailed)	.000	.000	.000	.891
	N	160	158	158	159
Recent Death of a Loved One	Pearson Correlation	-.063	.091	.204	.188
	Sig. (2-tailed)	.428	.256	.010	.018
	N	160	158	158	159
MaritalStress	Pearson Correlation	-.207	.198	.230	.069
	Sig. (2-tailed)	.009	.013	.004	.386
	N	160	158	158	159
WorkStress	Pearson Correlation	-.261	.231	.117	-.056
	Sig. (2-tailed)	.001	.003	.143	.482
	N	160	158	158	159
HousingIssues	Pearson Correlation	-.410	.235	.207	.077
	Sig. (2-tailed)	.000	.003	.009	.332
	N	160	158	158	159
Recent or Upcoming Divorce or Separation	Pearson Correlation	-.242	.097	.266	.106
	Sig. (2-tailed)	.002	.223	.001	.183
	N	160	158	158	159
Health Problems	Pearson Correlation	-.086	.166	.170	.191
	Sig. (2-tailed)	.282	.037	.033	.016
	N	160	158	158	159
Moving in Recent (6) Months	Pearson Correlation	-.204	.101	.210	-.038
	Sig. (2-tailed)	.010	.207	.008	.634
	N	160	158	158	159
StressorsTotal	Pearson Correlation	-.440	.312	.336	.101

Postpartum Depression Predictors 67

Correlations

		I have experienced a bout of depression .	I am expecting a difficult delivery .	My pregnancy is considered high risk .	My pregnancy has been difficult .
Age:	Pearson Correlation	.007	.012	.198	.047
	Sig. (2-tailed)	.933	.882	.012	.553
	N	159	159	159	160
I am having:	Pearson Correlation	-.025	.239	.268	.237
	Sig. (2-tailed)	.751	.002	.001	.003
	N	159	159	159	160
11=multiracial	Pearson Correlation	-.085	.046	-.132	.084
	Sig. (2-tailed)	.453	.685	.239	.458
	N	81	80	81	81
This is my first pregnancy:	Pearson Correlation	-.118	.023	-.067	-.082
	Sig. (2-tailed)	.140	.774	.398	.302
	N	159	159	159	160
Depression	Pearson Correlation	.421	.155	.190	.167
	Sig. (2-tailed)	.000	.051	.017	.035
	N	159	159	159	160
Financial Concerns	Pearson Correlation	.219	.131	.168	.231
	Sig. (2-tailed)	.005	.100	.034	.003
	N	159	159	159	160
Recent Death of a Loved One	Pearson Correlation	.200	.085	.073	.128
	Sig. (2-tailed)	.011	.287	.363	.106
	N	159	159	159	160
MaritalStress	Pearson Correlation	.279	.135	.120	.121
	Sig. (2-tailed)	.000	.090	.131	.127
	N	159	159	159	160
WorkStress	Pearson Correlation	.132	.036	.042	.028
	Sig. (2-tailed)	.096	.652	.596	.728
	N	159	159	159	160
HousingIssues	Pearson Correlation	.240	.094	.139	.104
	Sig. (2-tailed)	.002	.238	.081	.191
	N	159	159	159	160
Recent or Upcoming Divorce or Separation	Pearson Correlation	.114	.129	.106	.113
	Sig. (2-tailed)	.154	.105	.185	.154
	N	159	159	159	160
Health Problems	Pearson Correlation	.285	.225	.309	.153
	Sig. (2-tailed)	.000	.004	.000	.054
	N	159	159	159	160
Moving in Recent (6) Months	Pearson Correlation	.085	.167	.143	.113
	Sig. (2-tailed)	.286	.035	.073	.157
	N	159	159	159	160
StressorsTotal	Pearson Correlation	.338	.208	.233	.182

Postpartum Depression Predictors 68

Correlations

		My pregnancy has been the best time of my life .	This pregnancy was unplanned .	I look forward to meeting my child .	I feel unprepared to care for an infant .
Age:	Pearson Correlation	-.090	-.284	-.149	-.120
	Sig. (2-tailed)	.259	.000	.061	.132
	N	159	159	158	160
I am having:	Pearson Correlation	.135	.012	-.093	.200
	Sig. (2-tailed)	.090	.882	.246	.011
	N	159	159	158	160
11=multiracial	Pearson Correlation	-.047	.100	-.102	.011
	Sig. (2-tailed)	.681	.380	.364	.919
	N	80	80	81	81
This is my first pregnancy:	Pearson Correlation	.064	.130	-.042	.336
	Sig. (2-tailed)	.422	.102	.596	.000
	N	159	159	158	160
Depression	Pearson Correlation	-.068	.207	.021	.101
	Sig. (2-tailed)	.396	.009	.798	.205
	N	159	159	158	160
Financial Concerns	Pearson Correlation	-.030	.186	.123	.055
	Sig. (2-tailed)	.704	.019	.123	.490
	N	159	159	158	160
Recent Death of a Loved One	Pearson Correlation	.063	.030	-.055	.059
	Sig. (2-tailed)	.432	.712	.491	.457
	N	159	159	158	160
MaritalStress	Pearson Correlation	.039	.002	-.037	.172
	Sig. (2-tailed)	.627	.982	.640	.030
	N	159	159	158	160
WorkStress	Pearson Correlation	.016	.029	-.083	.250
	Sig. (2-tailed)	.836	.720	.300	.001
	N	159	159	158	160
HousingIssues	Pearson Correlation	.018	.276	-.019	.190
	Sig. (2-tailed)	.817	.000	.817	.016
	N	159	159	158	160
Recent or Upcoming Divorce or Separation	Pearson Correlation	.040	.063	.001	.150
	Sig. (2-tailed)	.614	.432	.989	.059
	N	159	159	158	160
Health Problems	Pearson Correlation	-.031	-.014	-.062	.079
	Sig. (2-tailed)	.700	.865	.437	.319
	N	159	159	158	160
Moving in Recent (6) Months	Pearson Correlation	-.024	.168	-.040	.231
	Sig. (2-tailed)	.764	.035	.621	.003
	N	159	159	158	160
StressorsTotal	Pearson Correlation	.055	.150	-.060	.266

Postpartum Depression Predictors 69

Correlations

		Adding a child to my family will add a lot of stress on my family .	I have problems in my relationship with parents .	I anticipate a majority of my support will come from my parents .	I had depression in a previous pregnancy or postpartum time
Age:	Pearson Correlation	.040	-.214	-.088	.071
	Sig. (2-tailed)	.614	.007	.270	.371
	N	158	158	159	159
I am having:	Pearson Correlation	.134	.084	.080	.102
	Sig. (2-tailed)	.094	.295	.317	.200
	N	158	158	159	159
11=multiracial	Pearson Correlation	-.044	.051	-.043	-.010
	Sig. (2-tailed)	.697	.651	.700	.927
	N	81	81	81	81
This is my first pregnancy:	Pearson Correlation	.147	.069	.147	-.353
	Sig. (2-tailed)	.066	.390	.064	.000
	N	158	158	159	159
Depression	Pearson Correlation	.201	.089	.026	.253
	Sig. (2-tailed)	.011	.267	.749	.001
	N	158	158	159	159
Financial Concerns	Pearson Correlation	.217	.191	-.149	.044
	Sig. (2-tailed)	.006	.016	.061	.580
	N	158	158	159	159
Recent Death of a Loved One	Pearson Correlation	.064	.022	-.117	.233
	Sig. (2-tailed)	.428	.780	.141	.003
	N	158	158	159	159
MaritalStress	Pearson Correlation	.290	.176	-.144	.049
	Sig. (2-tailed)	.000	.027	.070	.536
	N	158	158	159	159
WorkStress	Pearson Correlation	.244	.169	-.062	.129
	Sig. (2-tailed)	.002	.034	.436	.106
	N	158	158	159	159
HousingIssues	Pearson Correlation	.189	.126	-.034	.168
	Sig. (2-tailed)	.017	.114	.666	.034
	N	158	158	159	159
Recent or Upcoming Divorce or Separation	Pearson Correlation	.100	-.048	.013	.157
	Sig. (2-tailed)	.213	.553	.873	.048
	N	158	158	159	159
Health Problems	Pearson Correlation	.007	.008	.013	.167
	Sig. (2-tailed)	.934	.918	.871	.036
	N	158	158	159	159
Moving in Recent (6) Months	Pearson Correlation	.278	.168	-.017	-.041
	Sig. (2-tailed)	.000	.035	.827	.612
	N	158	158	159	159
StressorsTotal	Pearson Correlation	.315	.175	-.112	.200

Correlations

		Comb POSTtotal	EPDSpost TOTAL	PHQ9post TOTAL
Age:	Pearson Correlation	.012	.022	.001
	Sig. (2-tailed)	.913	.845	.994
	N	80	80	80
I am having:	Pearson Correlation	.203	.119	.274
	Sig. (2-tailed)	.071	.293	.014
	N	80	80	80
11=multiracial	Pearson Correlation	-.049	-.035	-.059
	Sig. (2-tailed)	.667	.755	.606
	N	80	80	80
This is my first pregnancy:	Pearson Correlation	.211	.211	.191
	Sig. (2-tailed)	.060	.061	.089
	N	80	80	80
Depression	Pearson Correlation	.258	.305	.185
	Sig. (2-tailed)	.021	.006	.101
	N	80	80	80
Financial Concerns	Pearson Correlation	.318	.360	.243
	Sig. (2-tailed)	.004	.001	.030
	N	80	80	80
Recent Death of a Loved One	Pearson Correlation	.091	.086	.088
	Sig. (2-tailed)	.421	.450	.436
	N	80	80	80
MaritalStress	Pearson Correlation	.230	.233	.204
	Sig. (2-tailed)	.041	.038	.069
	N	80	80	80
WorkStress	Pearson Correlation	.217	.188	.228
	Sig. (2-tailed)	.053	.095	.042
	N	80	80	80
HousingIssues	Pearson Correlation	.104	.044	.159
	Sig. (2-tailed)	.357	.697	.160
	N	80	80	80
Recent or Upcoming Divorce or Separation	Pearson Correlation	.263	.223	.281
	Sig. (2-tailed)	.018	.047	.012
	N	80	80	80
Health Problems	Pearson Correlation	.101	.060	.134
	Sig. (2-tailed)	.375	.595	.237
	N	80	80	80
Moving in Recent (6) Months	Pearson Correlation	.273	.237	.286
	Sig. (2-tailed)	.014	.035	.010
	N	80	80	80
StressorsTotal	Pearson Correlation	.351	.293	.379

Postpartum Depression Predictors 71

Correlations

		Age:	I am having:	11=multiracial	This is my first pregnancy:	Depression
StressorsTotal	Sig. (2-tailed)	.024	.099	.134	.173	.000
	N	160	160	81	160	160
I like myself	Pearson Correlation	-.104	-.096	-.072	-.020	-.341
	Sig. (2-tailed)	.190	.225	.522	.804	.000
	N	160	160	81	160	160
I get along well with others	Pearson Correlation	.039	-.103	.045	-.154	-.336
	Sig. (2-tailed)	.624	.196	.692	.053	.000
	N	159	159	81	159	159
I am happy with most of my relationships	Pearson Correlation	.123	-.098	-.184	-.131	-.370
	Sig. (2-tailed)	.122	.221	.100	.100	.000
	N	159	159	81	159	159
I avoid others	Pearson Correlation	.077	.067	-.116	-.010	.160
	Sig. (2-tailed)	.334	.402	.310	.902	.044
	N	158	158	79	158	158
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	-.081	.170	.086	.056	.140
	Sig. (2-tailed)	.313	.033	.444	.480	.079
	N	159	159	81	159	159
I have had panic symptoms during my pregnancy	Pearson Correlation	-.085	.134	.100	.094	.181
	Sig. (2-tailed)	.287	.091	.377	.237	.022
	N	159	159	80	159	159
I have people who support me in general	Pearson Correlation	.248	-.060	-.358	-.133	-.254
	Sig. (2-tailed)	.002	.450	.001	.094	.001
	N	160	160	81	160	160
People have supported me throughout my pregnancy	Pearson Correlation	.233	-.035	-.372	-.116	-.212
	Sig. (2-tailed)	.003	.661	.001	.143	.007
	N	160	160	81	160	160
I have a connection with my medical provider	Pearson Correlation	-.002	-.033	-.248	-.081	.020
	Sig. (2-tailed)	.980	.680	.027	.312	.800
	N	159	159	80	159	159
I am connected with my community	Pearson Correlation	.262	.152	-.132	-.050	-.344
	Sig. (2-tailed)	.001	.057	.238	.532	.000
	N	158	158	81	158	158
I have relationship problems with my partner	Pearson Correlation	-.206	.139	.165	.134	.369
	Sig. (2-tailed)	.009	.080	.141	.091	.000
	N	159	159	81	159	159
I have a strong connection with my partner	Pearson Correlation	.207	-.030	-.293	-.060	-.297
	Sig. (2-tailed)	.009	.713	.008	.454	.000
	N	158	158	81	158	158

Postpartum Depression Predictors 72

Correlations

		Financial Concerns	Recent Death of a Loved One	Marital Stress	Work Stress	Housing Issues
Stressors Total	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	160	160	160	160	160
I like myself	Pearson Correlation	-.173	-.206	-.274	-.157	-.098
	Sig. (2-tailed)	.029	.009	.000	.047	.216
	N	160	160	160	160	160
I get along well with others	Pearson Correlation	-.213	-.131	-.277	-.118	-.120
	Sig. (2-tailed)	.007	.099	.000	.140	.131
	N	159	159	159	159	159
I am happy with most of my relationships	Pearson Correlation	-.213	-.186	-.311	-.120	-.238
	Sig. (2-tailed)	.007	.019	.000	.133	.003
	N	159	159	159	159	159
I avoid others	Pearson Correlation	.149	.196	.056	-.059	.141
	Sig. (2-tailed)	.061	.014	.487	.460	.078
	N	158	158	158	158	158
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.104	.161	.150	.060	.030
	Sig. (2-tailed)	.192	.043	.060	.453	.710
	N	159	159	159	159	159
I have had panic symptoms during my pregnancy	Pearson Correlation	.099	.124	.116	.109	.091
	Sig. (2-tailed)	.216	.120	.147	.173	.255
	N	159	159	159	159	159
I have people who support me in general	Pearson Correlation	-.101	-.042	-.185	-.045	-.179
	Sig. (2-tailed)	.206	.597	.019	.569	.024
	N	160	160	160	160	160
People have supported me throughout my pregnancy	Pearson Correlation	-.191	.066	-.101	.006	-.159
	Sig. (2-tailed)	.015	.406	.206	.941	.044
	N	160	160	160	160	160
I have a connection with my medical provider	Pearson Correlation	.060	.091	-.036	.093	-.006
	Sig. (2-tailed)	.455	.252	.651	.241	.935
	N	159	159	159	159	159
I am connected with my community	Pearson Correlation	-.243	-.046	-.159	-.112	-.267
	Sig. (2-tailed)	.002	.567	.046	.162	.001
	N	158	158	158	158	158
I have relationship problems with my partner	Pearson Correlation	.243	.155	.373	.098	.221
	Sig. (2-tailed)	.002	.050	.000	.219	.005
	N	159	159	159	159	159
I have a strong connection with my partner	Pearson Correlation	-.164	-.074	-.249	.056	-.222
	Sig. (2-tailed)	.040	.358	.002	.482	.005
	N	158	158	158	158	158

Postpartum Depression Predictors 73

Correlations

		Recent or Upcoming Divorce or Separation	Health Problems	Moving in Recent (6) Months	Stressors Total	I like myself
StressorsTotal	Sig. (2-tailed)	.000	.000	.000		.000
	N	160	160	160	160	160
I like myself	Pearson Correlation	-.165	-.247	-.082	-.309	1
	Sig. (2-tailed)	.037	.002	.303	.000	
	N	160	160	160	160	160
I get along well with others	Pearson Correlation	-.158	-.181	-.212	-.295	.432
	Sig. (2-tailed)	.046	.022	.007	.000	.000
	N	159	159	159	159	159
I am happy with most of my relationships	Pearson Correlation	-.199	-.089	-.245	-.334	.434
	Sig. (2-tailed)	.012	.264	.002	.000	.000
	N	159	159	159	159	159
I avoid others	Pearson Correlation	.177	-.013	.051	.134	-.216
	Sig. (2-tailed)	.026	.876	.522	.093	.006
	N	158	158	158	158	158
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.217	.070	.189	.194	-.156
	Sig. (2-tailed)	.006	.378	.017	.014	.049
	N	159	159	159	159	159
I have had panic symptoms during my pregnancy	Pearson Correlation	.196	.139	.187	.225	-.290
	Sig. (2-tailed)	.013	.081	.018	.004	.000
	N	159	159	159	159	159
I have people who support me in general	Pearson Correlation	-.071	.032	-.195	-.179	.341
	Sig. (2-tailed)	.372	.687	.014	.024	.000
	N	160	160	160	160	160
People have supported me throughout my pregnancy	Pearson Correlation	-.086	-.054	-.230	-.191	.337
	Sig. (2-tailed)	.281	.495	.004	.016	.000
	N	160	160	160	160	160
I have a connection with my medical provider	Pearson Correlation	.029	-.032	-.127	.031	.244
	Sig. (2-tailed)	.721	.692	.112	.698	.002
	N	159	159	159	159	159
I am connected with my community	Pearson Correlation	-.110	-.169	-.220	-.274	.271
	Sig. (2-tailed)	.168	.034	.005	.000	.001
	N	158	158	158	158	158
I have relationship problems with my partner	Pearson Correlation	.215	.148	.223	.351	-.328
	Sig. (2-tailed)	.007	.062	.005	.000	.000
	N	159	159	159	159	159
I have a strong connection with my partner	Pearson Correlation	-.165	-.075	-.197	-.226	.350
	Sig. (2-tailed)	.038	.347	.013	.004	.000
	N	158	158	158	158	158

Correlations

		I get along well with others	I am happy with most of my relationships	I avoid others	I have experienced unexplained nervousness in my last trimester
StressorsTotal	Sig. (2-tailed)	.000	.000	.093	.014
	N	159	159	158	159
I like myself	Pearson Correlation	.432	.434	-.216	-.156
	Sig. (2-tailed)	.000	.000	.006	.049
	N	159	159	158	159
I get along well with others	Pearson Correlation	1	.656	-.323	-.111
	Sig. (2-tailed)		.000	.000	.164
	N	159	158	157	158
I am happy with most of my relationships	Pearson Correlation	.656	1	-.245	-.110
	Sig. (2-tailed)	.000		.002	.169
	N	158	159	157	158
I avoid others	Pearson Correlation	-.323	-.245	1	.214
	Sig. (2-tailed)	.000	.002		.007
	N	157	157	158	157
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	-.111	-.110	.214	1
	Sig. (2-tailed)	.164	.169	.007	
	N	158	158	157	159
I have had panic symptoms during my pregnancy	Pearson Correlation	-.237	-.276	.127	.401
	Sig. (2-tailed)	.003	.000	.114	.000
	N	158	158	157	158
I have people who support me in general	Pearson Correlation	.391	.549	-.128	-.019
	Sig. (2-tailed)	.000	.000	.110	.807
	N	159	159	158	159
People have supported me throughout my pregnancy	Pearson Correlation	.428	.482	-.143	.041
	Sig. (2-tailed)	.000	.000	.074	.609
	N	159	159	158	159
I have a connection with my medical provider	Pearson Correlation	.257	.326	-.125	.053
	Sig. (2-tailed)	.001	.000	.116	.511
	N	158	158	158	158
I am connected with my community	Pearson Correlation	.407	.423	-.112	.033
	Sig. (2-tailed)	.000	.000	.166	.677
	N	157	158	156	157
I have relationship problems with my partner	Pearson Correlation	-.413	-.610	.165	.129
	Sig. (2-tailed)	.000	.000	.039	.106
	N	158	158	157	158
I have a strong connection with my partner	Pearson Correlation	.436	.617	-.245	.005
	Sig. (2-tailed)	.000	.000	.002	.955
	N	157	157	156	157

Correlations

		I have had panic symptoms during my pregnancy	I have people who support me in general	People have supported me throughout my pregnancy	I have a connection with my medical provider
StressorsTotal	Sig. (2-tailed)	.004	.024	.016	.698
	N	159	160	160	159
I like myself	Pearson Correlation	-.290	.341	.337	.244
	Sig. (2-tailed)	.000	.000	.000	.002
	N	159	160	160	159
I get along well with others	Pearson Correlation	-.237	.391	.428	.257
	Sig. (2-tailed)	.003	.000	.000	.001
	N	158	159	159	158
I am happy with most of my relationships	Pearson Correlation	-.276	.549	.482	.326
	Sig. (2-tailed)	.000	.000	.000	.000
	N	158	159	159	158
I avoid others	Pearson Correlation	.127	-.128	-.143	-.125
	Sig. (2-tailed)	.114	.110	.074	.116
	N	157	158	158	158
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.401	-.019	.041	.053
	Sig. (2-tailed)	.000	.807	.609	.511
	N	158	159	159	158
I have had panic symptoms during my pregnancy	Pearson Correlation	1	-.221	-.178	-.010
	Sig. (2-tailed)		.005	.025	.902
	N	159	159	159	158
I have people who support me in general	Pearson Correlation	-.221	1	.817	.389
	Sig. (2-tailed)	.005		.000	.000
	N	159	160	160	159
People have supported me throughout my pregnancy	Pearson Correlation	-.178	.817	1	.430
	Sig. (2-tailed)	.025	.000		.000
	N	159	160	160	159
I have a connection with my medical provider	Pearson Correlation	-.010	.389	.430	1
	Sig. (2-tailed)	.902	.000	.000	
	N	158	159	159	159
I am connected with my community	Pearson Correlation	-.111	.411	.394	.366
	Sig. (2-tailed)	.166	.000	.000	.000
	N	157	158	158	157
I have relationship problems with my partner	Pearson Correlation	.267	-.413	-.399	-.210
	Sig. (2-tailed)	.001	.000	.000	.008
	N	158	159	159	158
I have a strong connection with my partner	Pearson Correlation	-.283	.570	.530	.314
	Sig. (2-tailed)	.000	.000	.000	.000
	N	157	158	158	157

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Correlations

		I am connected with my community	I have relationship problems with my partner	I have a strong connection with my partner	I feel supported by my partner
StressorsTotal	Sig. (2-tailed)	.000	.000	.004	.001
	N	158	159	158	160
I like myself	Pearson Correlation	.271	-.328	.350	.320
	Sig. (2-tailed)	.001	.000	.000	.000
	N	158	159	158	160
I get along well with others	Pearson Correlation	.407	-.413	.436	.437
	Sig. (2-tailed)	.000	.000	.000	.000
	N	157	158	157	159
I am happy with most of my relationships	Pearson Correlation	.423	-.610	.617	.589
	Sig. (2-tailed)	.000	.000	.000	.000
	N	158	158	157	159
I avoid others	Pearson Correlation	-.112	.165	-.245	-.175
	Sig. (2-tailed)	.166	.039	.002	.028
	N	156	157	156	158
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.033	.129	.005	.002
	Sig. (2-tailed)	.677	.106	.955	.980
	N	157	158	157	159
I have had panic symptoms during my pregnancy	Pearson Correlation	-.111	.267	-.283	-.252
	Sig. (2-tailed)	.166	.001	.000	.001
	N	157	158	157	159
I have people who support me in general	Pearson Correlation	.411	-.413	.570	.602
	Sig. (2-tailed)	.000	.000	.000	.000
	N	158	159	158	160
People have supported me throughout my pregnancy	Pearson Correlation	.394	-.399	.530	.599
	Sig. (2-tailed)	.000	.000	.000	.000
	N	158	159	158	160
I have a connection with my medical provider	Pearson Correlation	.366	-.210	.314	.233
	Sig. (2-tailed)	.000	.008	.000	.003
	N	157	158	157	159
I am connected with my community	Pearson Correlation	1	-.404	.405	.375
	Sig. (2-tailed)		.000	.000	.000
	N	158	157	156	158
I have relationship problems with my partner	Pearson Correlation	-.404	1	-.712	-.611
	Sig. (2-tailed)	.000		.000	.000
	N	157	159	157	159
I have a strong connection with my partner	Pearson Correlation	.405	-.712	1	.774
	Sig. (2-tailed)	.000	.000		.000
	N	156	157	158	158

Correlations

		I see the world in a negative light	The world is a safe place	I am currently at risk of homelessness.	I feel safe and secure in my home
StressorsTotal	Sig. (2-tailed)	.000	.000	.002	.000
	N	160	157	158	159
I like myself	Pearson Correlation	-.381	.279	-.008	.306
	Sig. (2-tailed)	.000	.000	.922	.000
	N	160	157	158	159
I get along well with others	Pearson Correlation	-.361	.311	-.215	.370
	Sig. (2-tailed)	.000	.000	.007	.000
	N	159	157	158	158
I am happy with most of my relationships	Pearson Correlation	-.412	.262	-.214	.356
	Sig. (2-tailed)	.000	.001	.007	.000
	N	159	156	157	158
I avoid others	Pearson Correlation	.308	-.207	.209	-.109
	Sig. (2-tailed)	.000	.010	.009	.173
	N	158	155	156	157
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.282	-.158	.178	-.108
	Sig. (2-tailed)	.000	.049	.026	.177
	N	159	156	157	158
I have had panic symptoms during my pregnancy	Pearson Correlation	.330	-.202	.094	-.264
	Sig. (2-tailed)	.000	.011	.241	.001
	N	159	156	157	158
I have people who support me in general	Pearson Correlation	-.191	.117	-.207	.439
	Sig. (2-tailed)	.015	.144	.009	.000
	N	160	157	158	159
People have supported me throughout my pregnancy	Pearson Correlation	-.145	.225	-.125	.414
	Sig. (2-tailed)	.067	.005	.117	.000
	N	160	157	158	159
I have a connection with my medical provider	Pearson Correlation	-.191	.225	.037	.274
	Sig. (2-tailed)	.016	.005	.643	.000
	N	159	156	157	158
I am connected with my community	Pearson Correlation	-.330	.377	-.119	.320
	Sig. (2-tailed)	.000	.000	.139	.000
	N	158	155	156	157
I have relationship problems with my partner	Pearson Correlation	.404	-.350	.161	-.368
	Sig. (2-tailed)	.000	.000	.044	.000
	N	159	156	157	158
I have a strong connection with my partner	Pearson Correlation	-.378	.274	-.191	.424
	Sig. (2-tailed)	.000	.001	.017	.000
	N	158	155	156	157

Postpartum Depression Predictors 78

Correlations

		I have enough money to pay my bills	I am more worried about finances as a result of this pregnancy .	I have experienced abuse at some time in my life .	I have experienced a previous miscarriage .
StressorsTotal	Sig. (2-tailed)	.000	.000	.000	.206
	N	160	158	158	159
I like myself	Pearson Correlation	.252	-.093	-.284	-.227
	Sig. (2-tailed)	.001	.244	.000	.004
	N	160	158	158	159
I get along well with others	Pearson Correlation	.376	-.150	-.298	-.233
	Sig. (2-tailed)	.000	.061	.000	.003
	N	159	157	157	158
I am happy with most of my relationships	Pearson Correlation	.381	-.270	-.401	-.168
	Sig. (2-tailed)	.000	.001	.000	.035
	N	159	157	157	158
I avoid others	Pearson Correlation	-.120	.088	.228	.255
	Sig. (2-tailed)	.134	.275	.004	.001
	N	158	156	156	157
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	-.046	.138	.071	.094
	Sig. (2-tailed)	.563	.086	.376	.239
	N	159	157	157	158
I have had panic symptoms during my pregnancy	Pearson Correlation	-.166	.150	.254	.118
	Sig. (2-tailed)	.036	.062	.001	.140
	N	159	157	157	158
I have people who support me in general	Pearson Correlation	.355	-.188	-.361	-.146
	Sig. (2-tailed)	.000	.018	.000	.066
	N	160	158	158	159
People have supported me throughout my pregnancy	Pearson Correlation	.429	-.180	-.328	-.125
	Sig. (2-tailed)	.000	.024	.000	.117
	N	160	158	158	159
I have a connection with my medical provider	Pearson Correlation	.122	-.098	-.120	-.061
	Sig. (2-tailed)	.125	.222	.134	.448
	N	159	157	157	158
I am connected with my community	Pearson Correlation	.371	-.221	-.367	-.196
	Sig. (2-tailed)	.000	.006	.000	.014
	N	158	156	156	157
I have relationship problems with my partner	Pearson Correlation	-.399	.272	.491	.131
	Sig. (2-tailed)	.000	.001	.000	.100
	N	159	157	157	158
I have a strong connection with my partner	Pearson Correlation	.454	-.301	-.356	-.184
	Sig. (2-tailed)	.000	.000	.000	.021
	N	158	156	156	157

Postpartum Depression Predictors 79

Correlations

		I have experienced a bout of depression .	I am expecting a difficult delivery .	My pregnancy is considered high risk .	My pregnancy has been difficult .
StressorsTotal	Sig. (2-tailed)	.000	.008	.003	.021
	N	159	159	159	160
I like myself	Pearson Correlation	-.399	-.284	-.247	-.302
	Sig. (2-tailed)	.000	.000	.002	.000
	N	159	159	159	160
I get along well with others	Pearson Correlation	-.319	-.202	-.188	-.196
	Sig. (2-tailed)	.000	.011	.018	.013
	N	158	158	158	159
I am happy with most of my relationships	Pearson Correlation	-.293	-.179	-.187	-.268
	Sig. (2-tailed)	.000	.024	.018	.001
	N	158	158	158	159
I avoid others	Pearson Correlation	.251	.154	.180	.120
	Sig. (2-tailed)	.002	.054	.024	.133
	N	157	157	157	158
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.279	.295	.039	.182
	Sig. (2-tailed)	.000	.000	.625	.022
	N	158	158	158	159
I have had panic symptoms during my pregnancy	Pearson Correlation	.344	.378	.223	.369
	Sig. (2-tailed)	.000	.000	.005	.000
	N	158	158	158	159
I have people who support me in general	Pearson Correlation	-.173	-.111	-.211	-.206
	Sig. (2-tailed)	.029	.163	.008	.009
	N	159	159	159	160
People have supported me throughout my pregnancy	Pearson Correlation	-.112	-.140	-.248	-.233
	Sig. (2-tailed)	.159	.077	.002	.003
	N	159	159	159	160
I have a connection with my medical provider	Pearson Correlation	-.119	-.153	-.022	-.097
	Sig. (2-tailed)	.137	.055	.783	.222
	N	158	158	158	159
I am connected with my community	Pearson Correlation	-.314	-.122	-.211	-.111
	Sig. (2-tailed)	.000	.126	.008	.164
	N	157	157	157	158
I have relationship problems with my partner	Pearson Correlation	.260	.173	.234	.178
	Sig. (2-tailed)	.001	.029	.003	.025
	N	158	158	158	159
I have a strong connection with my partner	Pearson Correlation	-.270	-.124	-.202	-.172
	Sig. (2-tailed)	.001	.121	.011	.030
	N	157	157	157	158

Postpartum Depression Predictors 80

Correlations

		My pregnancy has been the best time of my life .	This pregnancy was unplanned .	I look forward to meeting my child .	I feel unprepared to care for an infant .
StressorsTotal	Sig. (2-tailed)	.493	.059	.457	.001
	N	159	159	158	160
I like myself	Pearson Correlation	.216	-.102	.382	-.124
	Sig. (2-tailed)	.006	.202	.000	.117
	N	159	159	158	160
I get along well with others	Pearson Correlation	.107	-.057	.395	-.171
	Sig. (2-tailed)	.181	.476	.000	.031
	N	158	158	157	159
I am happy with most of my relationships	Pearson Correlation	.147	-.193	.287	-.173
	Sig. (2-tailed)	.065	.015	.000	.029
	N	158	158	157	159
I avoid others	Pearson Correlation	-.022	.020	-.230	.153
	Sig. (2-tailed)	.786	.808	.004	.054
	N	157	157	156	158
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.094	-.120	-.074	.154
	Sig. (2-tailed)	.238	.135	.359	.053
	N	158	158	157	159
I have had panic symptoms during my pregnancy	Pearson Correlation	-.159	-.028	-.185	.391
	Sig. (2-tailed)	.046	.730	.020	.000
	N	158	158	157	159
I have people who support me in general	Pearson Correlation	.122	-.201	.232	-.237
	Sig. (2-tailed)	.126	.011	.003	.003
	N	159	159	158	160
People have supported me throughout my pregnancy	Pearson Correlation	.174	-.244	.162	-.197
	Sig. (2-tailed)	.028	.002	.042	.013
	N	159	159	158	160
I have a connection with my medical provider	Pearson Correlation	.274	-.087	.318	-.156
	Sig. (2-tailed)	.000	.278	.000	.049
	N	158	158	157	159
I am connected with my community	Pearson Correlation	.263	-.291	.094	-.116
	Sig. (2-tailed)	.001	.000	.241	.146
	N	157	157	156	158
I have relationship problems with my partner	Pearson Correlation	-.096	.245	-.187	.155
	Sig. (2-tailed)	.231	.002	.019	.051
	N	158	158	157	159
I have a strong connection with my partner	Pearson Correlation	.205	-.253	.255	-.146
	Sig. (2-tailed)	.010	.001	.001	.068
	N	157	157	156	158

Postpartum Depression Predictors 81

Correlations

		Adding a child to my family will add a lot of stress on my family .	I have problems in my relationship with parents .	I anticipate a majority of my support will come from my parents .	I had depression in a previous pregnancy or postpartum time
StressorsTotal	Sig. (2-tailed)	.000	.028	.159	.011
	N	158	158	159	159
I like myself	Pearson Correlation	-.350	-.207	.140	-.270
	Sig. (2-tailed)	.000	.009	.079	.001
	N	158	158	159	159
I get along well with others	Pearson Correlation	-.145	-.185	-.096	-.155
	Sig. (2-tailed)	.070	.021	.230	.052
	N	157	157	158	158
I am happy with most of my relationships	Pearson Correlation	-.205	-.338	-.073	-.162
	Sig. (2-tailed)	.010	.000	.364	.042
	N	157	157	158	158
I avoid others	Pearson Correlation	.171	-.003	.020	.154
	Sig. (2-tailed)	.033	.971	.806	.055
	N	156	156	157	157
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.330	.086	.002	.337
	Sig. (2-tailed)	.000	.283	.978	.000
	N	157	157	158	158
I have had panic symptoms during my pregnancy	Pearson Correlation	.311	.205	-.007	.278
	Sig. (2-tailed)	.000	.010	.934	.000
	N	157	157	158	158
I have people who support me in general	Pearson Correlation	-.175	-.450	.037	-.064
	Sig. (2-tailed)	.028	.000	.647	.424
	N	158	158	159	159
People have supported me throughout my pregnancy	Pearson Correlation	-.155	-.444	.080	-.080
	Sig. (2-tailed)	.052	.000	.318	.314
	N	158	158	159	159
I have a connection with my medical provider	Pearson Correlation	-.134	-.169	-.016	-.015
	Sig. (2-tailed)	.095	.034	.841	.849
	N	157	157	158	158
I am connected with my community	Pearson Correlation	-.165	-.234	.007	-.083
	Sig. (2-tailed)	.040	.003	.933	.301
	N	156	156	157	157
I have relationship problems with my partner	Pearson Correlation	.286	.215	.027	.125
	Sig. (2-tailed)	.000	.007	.733	.117
	N	157	157	158	158
I have a strong connection with my partner	Pearson Correlation	-.162	-.273	-.047	-.065
	Sig. (2-tailed)	.043	.001	.556	.419
	N	156	156	157	157

Correlations

		Comb POSTtotal	EPDSpost TOTAL	PHQ9post TOTAL
StressorsTotal	Sig. (2-tailed)	.001	.008	.001
	N	80	80	80
I like myself	Pearson Correlation	-.391	-.356	-.391
	Sig. (2-tailed)	.000	.001	.000
	N	80	80	80
I get along well with others	Pearson Correlation	-.481	-.456	-.463
	Sig. (2-tailed)	.000	.000	.000
	N	80	80	80
I am happy with most of my relationships	Pearson Correlation	-.488	-.482	-.450
	Sig. (2-tailed)	.000	.000	.000
	N	80	80	80
I avoid others	Pearson Correlation	.126	.107	.134
	Sig. (2-tailed)	.273	.353	.242
	N	78	78	78
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.227	.219	.215
	Sig. (2-tailed)	.043	.051	.056
	N	80	80	80
I have had panic symptoms during my pregnancy	Pearson Correlation	.291	.309	.242
	Sig. (2-tailed)	.009	.006	.032
	N	79	79	79
I have people who support me in general	Pearson Correlation	-.077	-.086	-.059
	Sig. (2-tailed)	.500	.446	.604
	N	80	80	80
People have supported me throughout my pregnancy	Pearson Correlation	-.048	-.026	-.067
	Sig. (2-tailed)	.675	.822	.556
	N	80	80	80
I have a connection with my medical provider	Pearson Correlation	-.168	-.113	-.211
	Sig. (2-tailed)	.139	.320	.062
	N	79	79	79
I am connected with my community	Pearson Correlation	-.255	-.269	-.217
	Sig. (2-tailed)	.022	.016	.053
	N	80	80	80
I have relationship problems with my partner	Pearson Correlation	.417	.448	.344
	Sig. (2-tailed)	.000	.000	.002
	N	80	80	80
I have a strong connection with my partner	Pearson Correlation	-.239	-.273	-.180
	Sig. (2-tailed)	.033	.014	.111
	N	80	80	80

Correlations

		Comb POSTtotal	EPDSpost TOTAL	PHQ9post TOTAL
StressorsTotal	Sig. (2-tailed)	.001	.008	.001
	N	80	80	80
I like myself	Pearson Correlation	-.391	-.356	-.391
	Sig. (2-tailed)	.000	.001	.000
	N	80	80	80
I get along well with others	Pearson Correlation	-.481	-.456	-.463
	Sig. (2-tailed)	.000	.000	.000
	N	80	80	80
I am happy with most of my relationships	Pearson Correlation	-.488	-.482	-.450
	Sig. (2-tailed)	.000	.000	.000
	N	80	80	80
I avoid others	Pearson Correlation	.126	.107	.134
	Sig. (2-tailed)	.273	.353	.242
	N	78	78	78
I have experienced unexplained nervousness in my last trimester	Pearson Correlation	.227	.219	.215
	Sig. (2-tailed)	.043	.051	.056
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I have had panic symptoms during my pregnancy	Pearson Correlation	.291	.309	.242
	Sig. (2-tailed)	.009	.006	.032
	N	79	79	79
I have people who support me in general	Pearson Correlation	-.077	-.086	-.059
	Sig. (2-tailed)	.500	.446	.604
	N	80	80	80
People have supported me throughout my pregnancy	Pearson Correlation	-.048	-.026	-.067
	Sig. (2-tailed)	.675	.822	.556
	N	80	80	80
I have a connection with my medical provider	Pearson Correlation	-.168	-.113	-.211
	Sig. (2-tailed)	.139	.320	.062
	N	79	79	79
I am connected with my community	Pearson Correlation	-.255	-.269	-.217
	Sig. (2-tailed)	.022	.016	.053
	N	80	80	80
I have relationship problems with my partner	Pearson Correlation	.417	.448	.344
	Sig. (2-tailed)	.000	.000	.002
	N	80	80	80
I have a strong connection with my partner	Pearson Correlation	-.239	-.273	-.180
	Sig. (2-tailed)	.033	.014	.111
	N	80	80	80

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Correlations

		Financial Concerns	Recent Death of a Loved One	MaritalStress	WorkStress	HousingIssues
I feel supported by my partner	Pearson Correlation	-.134	-.113	-.234	-.027	-.241
	Sig. (2-tailed)	.091	.155	.003	.730	.002
	N	160	160	160	160	160
I see the world in a negative light	Pearson Correlation	.328	.156	.287	.138	.248
	Sig. (2-tailed)	.000	.049	.000	.082	.002
	N	160	160	160	160	160
The world is a safe place	Pearson Correlation	-.268	-.019	-.137	-.162	-.212
	Sig. (2-tailed)	.001	.809	.087	.042	.008
	N	157	157	157	157	157
I am currently at risk of homelessness.	Pearson Correlation	.125	.137	.014	.189	.338
	Sig. (2-tailed)	.117	.087	.863	.017	.000
	N	158	158	158	158	158
I feel safe and secure in my home	Pearson Correlation	-.236	-.078	-.117	-.220	-.399
	Sig. (2-tailed)	.003	.329	.141	.005	.000
	N	159	159	159	159	159
I have enough money to pay my bills	Pearson Correlation	-.552	-.063	-.207	-.261	-.410
	Sig. (2-tailed)	.000	.428	.009	.001	.000
	N	160	160	160	160	160
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	.381	.091	.198	.231	.235
	Sig. (2-tailed)	.000	.256	.013	.003	.003
	N	158	158	158	158	158
I have experienced abuse at some time in my life .	Pearson Correlation	.289	.204	.230	.117	.207
	Sig. (2-tailed)	.000	.010	.004	.143	.009
	N	158	158	158	158	158
I have experienced a previous miscarriage .	Pearson Correlation	.011	.188	.069	-.056	.077
	Sig. (2-tailed)	.891	.018	.386	.482	.332
	N	159	159	159	159	159
I have experienced a bout of depression .	Pearson Correlation	.219	.200	.279	.132	.240
	Sig. (2-tailed)	.005	.011	.000	.096	.002
	N	159	159	159	159	159
I am expecting a difficult delivery .	Pearson Correlation	.131	.085	.135	.036	.094
	Sig. (2-tailed)	.100	.287	.090	.652	.238
	N	159	159	159	159	159
My pregnancy is considered high risk .	Pearson Correlation	.168	.073	.120	.042	.139
	Sig. (2-tailed)	.034	.363	.131	.596	.081
	N	159	159	159	159	159
My pregnancy has been difficult .	Pearson Correlation	.231	.128	.121	.028	.104
	Sig. (2-tailed)	.003	.106	.127	.728	.191
	N	160	160	160	160	160
My pregnancy has been the best time of my life .	Pearson Correlation	-.030	.063	.039	.016	.018

Correlations

		Recent or Upcoming Divorce or Separation	Health Problems	Moving in Recent (6) Months	Stressors Total	I like myself
I feel supported by my partner	Pearson Correlation	-.128	-.077	-.239	-.263	.320
	Sig. (2-tailed)	.108	.330	.002	.001	.000
	N	160	160	160	160	160
I see the world in a negative light	Pearson Correlation	.069	.152	.191	.328	-.381
	Sig. (2-tailed)	.383	.055	.016	.000	.000
	N	160	160	160	160	160
The world is a safe place	Pearson Correlation	-.172	-.289	-.269	-.343	.279
	Sig. (2-tailed)	.032	.000	.001	.000	.000
	N	157	157	157	157	157
I am currently at risk of homelessness.	Pearson Correlation	.165	.080	.044	.247	-.008
	Sig. (2-tailed)	.038	.318	.586	.002	.922
	N	158	158	158	158	158
I feel safe and secure in my home	Pearson Correlation	-.147	-.165	-.278	-.369	.306
	Sig. (2-tailed)	.064	.038	.000	.000	.000
	N	159	159	159	159	159
I have enough money to pay my bills	Pearson Correlation	-.242	-.086	-.204	-.440	.252
	Sig. (2-tailed)	.002	.282	.010	.000	.001
	N	160	160	160	160	160
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	.097	.166	.101	.312	-.093
	Sig. (2-tailed)	.223	.037	.207	.000	.244
	N	158	158	158	158	158
I have experienced abuse at some time in my life .	Pearson Correlation	.266	.170	.210	.336	-.284
	Sig. (2-tailed)	.001	.033	.008	.000	.000
	N	158	158	158	158	158
I have experienced a previous miscarriage .	Pearson Correlation	.106	.191	-.038	.101	-.227
	Sig. (2-tailed)	.183	.016	.634	.206	.004
	N	159	159	159	159	159
I have experienced a bout of depression .	Pearson Correlation	.114	.285	.085	.338	-.399
	Sig. (2-tailed)	.154	.000	.286	.000	.000
	N	159	159	159	159	159
I am expecting a difficult delivery .	Pearson Correlation	.129	.225	.167	.208	-.284
	Sig. (2-tailed)	.105	.004	.035	.008	.000
	N	159	159	159	159	159
My pregnancy is considered high risk .	Pearson Correlation	.106	.309	.143	.233	-.247
	Sig. (2-tailed)	.185	.000	.073	.003	.002
	N	159	159	159	159	159
My pregnancy has been difficult .	Pearson Correlation	.113	.153	.113	.182	-.302
	Sig. (2-tailed)	.154	.054	.157	.021	.000
	N	160	160	160	160	160
My pregnancy has been the best time of my life .	Pearson Correlation	.040	-.031	-.024	.055	.216

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Correlations

		I get along well with others	I am happy with most of my relationships	I avoid others	I have experienced unexplained nervousness in my last trimester
I feel supported by my partner	Pearson Correlation	.437	.589	-.175	.002
	Sig. (2-tailed)	.000	.000	.028	.980
	N	159	159	158	159
I see the world in a negative light	Pearson Correlation	-.361	-.412	.308	.282
	Sig. (2-tailed)	.000	.000	.000	.000
	N	159	159	158	159
The world is a safe place	Pearson Correlation	.311	.262	-.207	-.158
	Sig. (2-tailed)	.000	.001	.010	.049
	N	157	156	155	156
I am currently at risk of homelessness.	Pearson Correlation	-.215	-.214	.209	.178
	Sig. (2-tailed)	.007	.007	.009	.026
	N	158	157	156	157
I feel safe and secure in my home	Pearson Correlation	.370	.356	-.109	-.108
	Sig. (2-tailed)	.000	.000	.173	.177
	N	158	158	157	158
I have enough money to pay my bills	Pearson Correlation	.376	.381	-.120	-.046
	Sig. (2-tailed)	.000	.000	.134	.563
	N	159	159	158	159
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	-.150	-.270	.088	.138
	Sig. (2-tailed)	.061	.001	.275	.086
	N	157	157	156	157
I have experienced abuse at some time in my life .	Pearson Correlation	-.298	-.401	.228	.071
	Sig. (2-tailed)	.000	.000	.004	.376
	N	157	157	156	157
I have experienced a previous miscarriage .	Pearson Correlation	-.233	-.168	.255	.094
	Sig. (2-tailed)	.003	.035	.001	.239
	N	158	158	157	158
I have experienced a bout of depression .	Pearson Correlation	-.319	-.293	.251	.279
	Sig. (2-tailed)	.000	.000	.002	.000
	N	158	158	157	158
I am expecting a difficult delivery .	Pearson Correlation	-.202	-.179	.154	.295
	Sig. (2-tailed)	.011	.024	.054	.000
	N	158	158	157	158
My pregnancy is considered high risk .	Pearson Correlation	-.188	-.187	.180	.039
	Sig. (2-tailed)	.018	.018	.024	.625
	N	158	158	157	158
My pregnancy has been difficult .	Pearson Correlation	-.196	-.268	.120	.182
	Sig. (2-tailed)	.013	.001	.133	.022
	N	159	159	158	159
My pregnancy has been the best time of my life .	Pearson Correlation	.107	.147	-.022	.094

Correlations

		I have had panic symptoms during my pregnancy	I have people who support me in general	People have supported me throughout my pregnancy	I have a connection with my medical provider
I feel supported by my partner	Pearson Correlation	-.252	.602	.599	.233
	Sig. (2-tailed)	.001	.000	.000	.003
	N	159	160	160	159
I see the world in a negative light	Pearson Correlation	.330	-.191	-.145	-.191
	Sig. (2-tailed)	.000	.015	.067	.016
	N	159	160	160	159
The world is a safe place	Pearson Correlation	-.202	.117	.225	.225
	Sig. (2-tailed)	.011	.144	.005	.005
	N	156	157	157	156
I am currently at risk of homelessness.	Pearson Correlation	.094	-.207	-.125	.037
	Sig. (2-tailed)	.241	.009	.117	.643
	N	157	158	158	157
I feel safe and secure in my home	Pearson Correlation	-.264	.439	.414	.274
	Sig. (2-tailed)	.001	.000	.000	.000
	N	158	159	159	158
I have enough money to pay my bills	Pearson Correlation	-.166	.355	.429	.122
	Sig. (2-tailed)	.036	.000	.000	.125
	N	159	160	160	159
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	.150	-.188	-.180	-.098
	Sig. (2-tailed)	.062	.018	.024	.222
	N	157	158	158	157
I have experienced abuse at some time in my life .	Pearson Correlation	.254	-.361	-.328	-.120
	Sig. (2-tailed)	.001	.000	.000	.134
	N	157	158	158	157
I have experienced a previous miscarriage .	Pearson Correlation	.118	-.146	-.125	-.061
	Sig. (2-tailed)	.140	.066	.117	.448
	N	158	159	159	158
I have experienced a bout of depression .	Pearson Correlation	.344	-.173	-.112	-.119
	Sig. (2-tailed)	.000	.029	.159	.137
	N	158	159	159	158
I am expecting a difficult delivery .	Pearson Correlation	.378	-.111	-.140	-.153
	Sig. (2-tailed)	.000	.163	.077	.055
	N	158	159	159	158
My pregnancy is considered high risk .	Pearson Correlation	.223	-.211	-.248	-.022
	Sig. (2-tailed)	.005	.008	.002	.783
	N	158	159	159	158
My pregnancy has been difficult .	Pearson Correlation	.369	-.206	-.233	-.097
	Sig. (2-tailed)	.000	.009	.003	.222
	N	159	160	160	159
My pregnancy has been the best time of my life .	Pearson Correlation	-.159	.122	.174	.274

Correlations

		I am connected with my community	I have relationship problems with my partner	I have a strong connection with my partner	I feel supported by my partner
I feel supported by my partner	Pearson Correlation	.375	-.611	.774	1
	Sig. (2-tailed)	.000	.000	.000	
	N	158	159	158	160
I see the world in a negative light	Pearson Correlation	-.330	.404	-.378	-.261
	Sig. (2-tailed)	.000	.000	.000	.001
	N	158	159	158	160
The world is a safe place	Pearson Correlation	.377	-.350	.274	.227
	Sig. (2-tailed)	.000	.000	.001	.004
	N	155	156	155	157
I am currently at risk of homelessness.	Pearson Correlation	-.119	.161	-.191	-.136
	Sig. (2-tailed)	.139	.044	.017	.090
	N	156	157	156	158
I feel safe and secure in my home	Pearson Correlation	.320	-.368	.424	.377
	Sig. (2-tailed)	.000	.000	.000	.000
	N	157	158	157	159
I have enough money to pay my bills	Pearson Correlation	.371	-.399	.454	.450
	Sig. (2-tailed)	.000	.000	.000	.000
	N	158	159	158	160
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	-.221	.272	-.301	-.204
	Sig. (2-tailed)	.006	.001	.000	.010
	N	156	157	156	158
I have experienced abuse at some time in my life .	Pearson Correlation	-.367	.491	-.356	-.329
	Sig. (2-tailed)	.000	.000	.000	.000
	N	156	157	156	158
I have experienced a previous miscarriage .	Pearson Correlation	-.196	.131	-.184	-.125
	Sig. (2-tailed)	.014	.100	.021	.116
	N	157	158	157	159
I have experienced a bout of depression .	Pearson Correlation	-.314	.260	-.270	-.197
	Sig. (2-tailed)	.000	.001	.001	.013
	N	157	158	157	159
I am expecting a difficult delivery .	Pearson Correlation	-.122	.173	-.124	-.202
	Sig. (2-tailed)	.126	.029	.121	.011
	N	157	158	157	159
My pregnancy is considered high risk .	Pearson Correlation	-.211	.234	-.202	-.237
	Sig. (2-tailed)	.008	.003	.011	.003
	N	157	158	157	159
My pregnancy has been difficult .	Pearson Correlation	-.111	.178	-.172	-.221
	Sig. (2-tailed)	.164	.025	.030	.005
	N	158	159	158	160
My pregnancy has been the best time of my life .	Pearson Correlation	.263	-.096	.205	.168

Correlations

		I see the world in a negative light	The world is a safe place	I am currently at risk of homelessness.	I feel safe and secure in my home
I feel supported by my partner	Pearson Correlation	-.261	.227	-.136	.377
	Sig. (2-tailed)	.001	.004	.090	.000
	N	160	157	158	159
I see the world in a negative light	Pearson Correlation	1	-.279	.116	-.284
	Sig. (2-tailed)		.000	.147	.000
	N	160	157	158	159
The world is a safe place	Pearson Correlation	-.279	1	-.130	.379
	Sig. (2-tailed)	.000		.107	.000
	N	157	157	156	156
I am currently at risk of homelessness.	Pearson Correlation	.116	-.130	1	-.304
	Sig. (2-tailed)	.147	.107		.000
	N	158	156	158	157
I feel safe and secure in my home	Pearson Correlation	-.284	.379	-.304	1
	Sig. (2-tailed)	.000	.000	.000	
	N	159	156	157	159
I have enough money to pay my bills	Pearson Correlation	-.264	.283	-.245	.463
	Sig. (2-tailed)	.001	.000	.002	.000
	N	160	157	158	159
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	.237	-.219	.215	-.262
	Sig. (2-tailed)	.003	.006	.007	.001
	N	158	155	157	157
I have experienced abuse at some time in my life .	Pearson Correlation	.182	-.405	.364	-.401
	Sig. (2-tailed)	.022	.000	.000	.000
	N	158	155	156	157
I have experienced a previous miscarriage .	Pearson Correlation	.135	-.127	.086	-.207
	Sig. (2-tailed)	.089	.113	.281	.009
	N	159	156	158	158
I have experienced a bout of depression .	Pearson Correlation	.351	-.277	.201	-.323
	Sig. (2-tailed)	.000	.000	.012	.000
	N	159	156	157	158
I am expecting a difficult delivery .	Pearson Correlation	.296	-.158	.111	-.177
	Sig. (2-tailed)	.000	.049	.168	.026
	N	159	156	157	158
My pregnancy is considered high risk .	Pearson Correlation	.167	-.235	.103	-.186
	Sig. (2-tailed)	.036	.003	.201	.019
	N	159	156	157	158
My pregnancy has been difficult .	Pearson Correlation	.245	-.129	.089	-.138
	Sig. (2-tailed)	.002	.108	.264	.083
	N	160	157	158	159
My pregnancy has been the best time of my life .	Pearson Correlation	-.070	.215	.124	.182

Correlations

		I have enough money to pay my bills	I am more worried about finances as a result of this pregnancy .	I have experienced abuse at some time in my life .	I have experienced a previous miscarriage .
I feel supported by my partner	Pearson Correlation	.450	-.204	-.329	-.125
	Sig. (2-tailed)	.000	.010	.000	.116
	N	160	158	158	159
I see the world in a negative light	Pearson Correlation	-.264	.237	.182	.135
	Sig. (2-tailed)	.001	.003	.022	.089
	N	160	158	158	159
The world is a safe place	Pearson Correlation	.283	-.219	-.405	-.127
	Sig. (2-tailed)	.000	.006	.000	.113
	N	157	155	155	156
I am currently at risk of homelessness.	Pearson Correlation	-.245	.215	.364	.086
	Sig. (2-tailed)	.002	.007	.000	.281
	N	158	157	156	158
I feel safe and secure in my home	Pearson Correlation	.463	-.262	-.401	-.207
	Sig. (2-tailed)	.000	.001	.000	.009
	N	159	157	157	158
I have enough money to pay my bills	Pearson Correlation	1	-.272	-.352	-.078
	Sig. (2-tailed)		.001	.000	.327
	N	160	158	158	159
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	-.272	1	.354	.058
	Sig. (2-tailed)	.001		.000	.466
	N	158	158	156	158
I have experienced abuse at some time in my life .	Pearson Correlation	-.352	.354	1	.289
	Sig. (2-tailed)	.000	.000		.000
	N	158	156	158	157
I have experienced a previous miscarriage .	Pearson Correlation	-.078	.058	.289	1
	Sig. (2-tailed)	.327	.466	.000	
	N	159	158	157	159
I have experienced a bout of depression .	Pearson Correlation	-.244	.215	.378	.373
	Sig. (2-tailed)	.002	.007	.000	.000
	N	159	157	157	158
I am expecting a difficult delivery .	Pearson Correlation	-.145	.165	.170	.206
	Sig. (2-tailed)	.069	.039	.033	.009
	N	159	157	157	158
My pregnancy is considered high risk .	Pearson Correlation	-.203	.127	.351	.306
	Sig. (2-tailed)	.010	.112	.000	.000
	N	159	157	157	158
My pregnancy has been difficult .	Pearson Correlation	-.159	.124	.306	.202
	Sig. (2-tailed)	.045	.120	.000	.011
	N	160	158	158	159
My pregnancy has been the best time of my life .	Pearson Correlation	.044	-.141	-.085	-.115

Correlations

		My pregnancy has been the best time of my life .	This pregnancy was unplanned .	I look forward to meeting my child .	I feel unprepared to care for an infant .
I feel supported by my partner	Pearson Correlation	.168	-.277	.216	-.195
	Sig. (2-tailed)	.034	.000	.006	.014
	N	159	159	158	160
I see the world in a negative light	Pearson Correlation	-.070	.115	-.217	.152
	Sig. (2-tailed)	.381	.149	.006	.056
	N	159	159	158	160
The world is a safe place	Pearson Correlation	.215	-.136	.210	-.064
	Sig. (2-tailed)	.007	.089	.009	.429
	N	156	156	155	157
I am currently at risk of homelessness.	Pearson Correlation	.124	.116	-.181	.051
	Sig. (2-tailed)	.122	.148	.024	.524
	N	157	157	156	158
I feel safe and secure in my home	Pearson Correlation	.182	-.202	.261	-.192
	Sig. (2-tailed)	.022	.011	.001	.016
	N	158	158	157	159
I have enough money to pay my bills	Pearson Correlation	.044	-.301	.042	-.109
	Sig. (2-tailed)	.578	.000	.600	.171
	N	159	159	158	160
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	-.141	.148	.001	.198
	Sig. (2-tailed)	.079	.065	.987	.013
	N	157	157	156	158
I have experienced abuse at some time in my life .	Pearson Correlation	-.085	.322	-.054	.194
	Sig. (2-tailed)	.290	.000	.506	.014
	N	157	157	156	158
I have experienced a previous miscarriage .	Pearson Correlation	-.115	.032	-.125	.033
	Sig. (2-tailed)	.149	.690	.120	.682
	N	158	158	157	159
I have experienced a bout of depression .	Pearson Correlation	-.135	.120	-.035	.118
	Sig. (2-tailed)	.091	.133	.664	.138
	N	158	158	157	159
I am expecting a difficult delivery .	Pearson Correlation	-.124	.112	-.175	.275
	Sig. (2-tailed)	.122	.162	.029	.000
	N	158	158	157	159
My pregnancy is considered high risk .	Pearson Correlation	-.061	.121	-.129	.242
	Sig. (2-tailed)	.450	.128	.107	.002
	N	158	158	157	159
My pregnancy has been difficult .	Pearson Correlation	-.248	.062	-.181	.146
	Sig. (2-tailed)	.002	.440	.023	.066
	N	159	159	158	160
My pregnancy has been the best time of my life .	Pearson Correlation	1	-.129	.090	-.076

Correlations

		Adding a child to my family will add a lot of stress on my family .	I have problems in my relationship with parents .	I anticipate a majority of my support will come from my parents .	I had depression in a previous pregnancy or postpartum time
I feel supported by my partner	Pearson Correlation	-.204	-.281	-.027	-.019
	Sig. (2-tailed)	.010	.000	.732	.816
	N	158	158	159	159
I see the world in a negative light	Pearson Correlation	.383	.222	.032	.070
	Sig. (2-tailed)	.000	.005	.692	.380
	N	158	158	159	159
The world is a safe place	Pearson Correlation	-.235	-.173	.071	-.249
	Sig. (2-tailed)	.003	.031	.380	.002
	N	155	155	156	156
I am currently at risk of homelessness.	Pearson Correlation	.017	.152	-.009	.202
	Sig. (2-tailed)	.835	.058	.908	.011
	N	156	156	157	157
I feel safe and secure in my home	Pearson Correlation	-.266	-.259	.008	-.168
	Sig. (2-tailed)	.001	.001	.924	.035
	N	157	157	158	158
I have enough money to pay my bills	Pearson Correlation	-.232	-.284	.106	-.208
	Sig. (2-tailed)	.003	.000	.182	.008
	N	158	158	159	159
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	.297	.253	.032	.040
	Sig. (2-tailed)	.000	.001	.695	.619
	N	156	156	157	157
I have experienced abuse at some time in my life .	Pearson Correlation	.219	.305	-.102	.201
	Sig. (2-tailed)	.006	.000	.202	.012
	N	156	156	157	157
I have experienced a previous miscarriage .	Pearson Correlation	.004	.092	.016	.363
	Sig. (2-tailed)	.960	.252	.845	.000
	N	157	157	158	158
I have experienced a bout of depression .	Pearson Correlation	.243	.199	-.070	.494
	Sig. (2-tailed)	.002	.012	.382	.000
	N	157	157	158	159
I am expecting a difficult delivery .	Pearson Correlation	.397	.194	-.002	.244
	Sig. (2-tailed)	.000	.015	.980	.002
	N	157	157	158	158
My pregnancy is considered high risk .	Pearson Correlation	.248	.256	-.040	.228
	Sig. (2-tailed)	.002	.001	.622	.004
	N	157	157	158	158
My pregnancy has been difficult .	Pearson Correlation	.190	.383	-.168	.286
	Sig. (2-tailed)	.017	.000	.035	.000
	N	158	158	159	159
My pregnancy has been the best time of my life .	Pearson Correlation	-.101	-.202	.150	-.076

Correlations

		Comb POSTtotal	EPDSpost TOTAL	PHQ9post TOTAL
I feel supported by my partner	Pearson Correlation	-.165	-.173	-.140
	Sig. (2-tailed)	.144	.124	.215
	N	80	80	80
I see the world in a negative light	Pearson Correlation	.416	.437	.354
	Sig. (2-tailed)	.000	.000	.001
	N	80	80	80
The world is a safe place	Pearson Correlation	-.355	-.336	-.343
	Sig. (2-tailed)	.001	.002	.002
	N	80	80	80
I am currently at risk of homelessness.	Pearson Correlation	.104	.111	.087
	Sig. (2-tailed)	.363	.331	.448
	N	79	79	79
I feel safe and secure in my home	Pearson Correlation	-.241	-.228	-.233
	Sig. (2-tailed)	.031	.042	.038
	N	80	80	80
I have enough money to pay my bills	Pearson Correlation	-.293	-.264	-.297
	Sig. (2-tailed)	.008	.018	.007
	N	80	80	80
I am more worried about finances as a result of this pregnancy .	Pearson Correlation	.108	.122	.084
	Sig. (2-tailed)	.342	.284	.463
	N	79	79	79
I have experienced abuse at some time in my life .	Pearson Correlation	.365	.362	.335
	Sig. (2-tailed)	.001	.001	.003
	N	78	78	78
I have experienced a previous miscarriage .	Pearson Correlation	.105	.137	.062
	Sig. (2-tailed)	.355	.229	.588
	N	79	79	79
I have experienced a bout of depression .	Pearson Correlation	.297	.322	.244
	Sig. (2-tailed)	.007	.004	.029
	N	80	80	80
I am expecting a difficult delivery .	Pearson Correlation	.088	.080	.088
	Sig. (2-tailed)	.442	.484	.441
	N	79	79	79
My pregnancy is considered high risk .	Pearson Correlation	.143	.184	.087
	Sig. (2-tailed)	.205	.103	.442
	N	80	80	80
My pregnancy has been difficult .	Pearson Correlation	.333	.339	.296
	Sig. (2-tailed)	.003	.002	.008
	N	80	80	80
My pregnancy has been the best time of my life .	Pearson Correlation	-.219	-.221	-.193

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Correlations

		Age:	I am having:	11=multiracial	This is my first pregnancy:	Depression
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.259 159	.090 159	.681 80	.422 159	.396 159
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	-.284 .000 159	.012 .882 159	.100 .380 80	.130 .102 159	.207 .009 159
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	-.149 .061 158	-.093 .246 158	-.102 .364 81	-.042 .596 158	.021 .798 158
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	-.120 .132 160	.200 .011 160	.011 .919 81	.336 .000 160	.101 .205 160
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	.040 .614 158	.134 .094 158	-.044 .697 81	.147 .066 158	.201 .011 158
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	-.214 .007 158	.084 .295 158	.051 .651 81	.069 .390 158	.089 .267 158
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	-.088 .270 159	.080 .317 159	-.043 .700 81	.147 .064 159	.026 .749 159
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	.071 .371 159	.102 .200 159	-.010 .927 81	-.353 .000 159	.253 .001 159
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	.012 .913 80	.203 .071 80	-.049 .667 80	.211 .060 80	.258 .021 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	.022 .845 80	.119 .293 80	-.035 .755 80	.211 .061 80	.305 .006 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	.001 .994 80	.274 .014 80	-.059 .606 80	.191 .089 80	.185 .101 80

Correlations

		Financial Concerns	Recent Death of a Loved One	MaritalStress	WorkStress	HousingIssue s
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.704 159	.432 159	.627 159	.836 159	.817 159
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	.186 .019 159	.030 .712 159	.002 .982 159	.029 .720 159	.276 .000 159
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	.123 .123 158	-.055 .491 158	-.037 .640 158	-.083 .300 158	-.019 .817 158
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	.055 .490 160	.059 .457 160	.172 .030 160	.250 .001 160	.190 .016 160
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	.217 .006 158	.064 .428 158	.290 .000 158	.244 .002 158	.189 .017 158
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	.191 .016 158	.022 .780 158	.176 .027 158	.169 .034 158	.126 .114 158
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	-.149 .061 159	-.117 .141 159	-.144 .070 159	-.062 .436 159	-.034 .666 159
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	.044 .580 159	.233 .003 159	.049 .536 159	.129 .106 159	.168 .034 159
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	.318 .004 80	.091 .421 80	.230 .041 80	.217 .053 80	.104 .357 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	.360 .001 80	.086 .450 80	.233 .038 80	.188 .095 80	.044 .697 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	.243 .030 80	.088 .436 80	.204 .069 80	.228 .042 80	.159 .160 80

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Correlations

		Financial Concerns	Recent Death of a Loved One	MaritalStress	WorkStress	HousingIssues
My pregnancy has been the best time of my life .	Sig. (2-tailed)	.704	.432	.627	.836	.817
	N	159	159	159	159	159
This pregnancy was unplanned .	Pearson Correlation	.186	.030	.002	.029	.276
	Sig. (2-tailed)	.019	.712	.982	.720	.000
	N	159	159	159	159	159
I look forward to meeting my child .	Pearson Correlation	.123	-.055	-.037	-.083	-.019
	Sig. (2-tailed)	.123	.491	.640	.300	.817
	N	158	158	158	158	158
I feel unprepared to care for an infant .	Pearson Correlation	.055	.059	.172	.250	.190
	Sig. (2-tailed)	.490	.457	.030	.001	.016
	N	160	160	160	160	160
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation	.217	.064	.290	.244	.189
	Sig. (2-tailed)	.006	.428	.000	.002	.017
	N	158	158	158	158	158
I have problems in my relationship with parents .	Pearson Correlation	.191	.022	.176	.169	.126
	Sig. (2-tailed)	.016	.780	.027	.034	.114
	N	158	158	158	158	158
I anticipate a majority of my support will come from my parents .	Pearson Correlation	-.149	-.117	-.144	-.062	-.034
	Sig. (2-tailed)	.061	.141	.070	.436	.666
	N	159	159	159	159	159
I had depression in a previous pregnancy or postpartum time	Pearson Correlation	.044	.233	.049	.129	.168
	Sig. (2-tailed)	.580	.003	.536	.106	.034
	N	159	159	159	159	159
CombPOSTtotal	Pearson Correlation	.318	.091	.230	.217	.104
	Sig. (2-tailed)	.004	.421	.041	.053	.357
	N	80	80	80	80	80
EPDSpostTOTAL	Pearson Correlation	.360	.086	.233	.188	.044
	Sig. (2-tailed)	.001	.450	.038	.095	.697
	N	80	80	80	80	80
PHQ9postTOTAL	Pearson Correlation	.243	.088	.204	.228	.159
	Sig. (2-tailed)	.030	.436	.069	.042	.160
	N	80	80	80	80	80

Correlations

		Recent or Upcoming Divorce or Separation	Health Problems	Moving in Recent (6) Months	Stressors Total	I like myself
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.614 159	.700 159	.764 159	.493 159	.006 159
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	.063 .432 159	-.014 .865 159	.168 .035 159	.150 .059 159	-.102 .202 159
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	.001 .989 158	-.062 .437 158	-.040 .621 158	-.060 .457 158	.382 .000 158
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	.150 .059 160	.079 .319 160	.231 .003 160	.266 .001 160	-.124 .117 160
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	.100 .213 158	.007 .934 158	.278 .000 158	.315 .000 158	-.350 .000 158
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	-.048 .553 158	.008 .918 158	.168 .035 158	.175 .028 158	-.207 .009 158
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	.013 .873 159	.013 .871 159	-.017 .827 159	-.112 .159 159	.140 .079 159
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	.157 .048 159	.167 .036 159	-.041 .612 159	.200 .011 159	-.270 .001 159
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	.263 .018 80	.101 .375 80	.273 .014 80	.351 .001 80	-.391 .000 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	.223 .047 80	.060 .595 80	.237 .035 80	.293 .008 80	-.356 .001 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	.281 .012 80	.134 .237 80	.286 .010 80	.379 .001 80	-.391 .000 80

Correlations

		I get along well with others	I am happy with most of my relationships	I avoid others	I have experienced unexplained nervousness in my last trimester
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.181 158	.065 158	.786 157	.238 158
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	-.057 .476 158	-.193 .015 158	.020 .808 157	-.120 .135 158
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	.395 .000 157	.287 .000 157	-.230 .004 156	-.074 .359 157
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	-.171 .031 159	-.173 .029 159	.153 .054 158	.154 .053 159
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	-.145 .070 157	-.205 .010 157	.171 .033 156	.330 .000 157
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	-.185 .021 157	-.338 .000 157	-.003 .971 156	.086 .283 157
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	-.096 .230 158	-.073 .364 158	.020 .806 157	.002 .978 158
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	-.155 .052 158	-.162 .042 158	.154 .055 157	.337 .000 158
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	-.481 .000 80	-.488 .000 80	.126 .273 78	.227 .043 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	-.456 .000 80	-.482 .000 80	.107 .353 78	.219 .051 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	-.463 .000 80	-.450 .000 80	.134 .242 78	.215 .056 80

Correlations

		I have had panic symptoms during my pregnancy	I have people who support me in general	People have supported me throughout my pregnancy	I have a connection with my medical provider
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.046 158	.126 159	.028 159	.000 158
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	-.028 .730 158	-.201 .011 159	-.244 .002 159	-.087 .278 158
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	-.185 .020 157	.232 .003 158	.162 .042 158	.318 .000 157
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	.391 .000 159	-.237 .003 160	-.197 .013 160	-.156 .049 159
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	.311 .000 157	-.175 .028 158	-.155 .052 158	-.134 .095 157
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	.205 .010 157	-.450 .000 158	-.444 .000 158	-.169 .034 157
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	-.007 .934 158	.037 .647 159	.080 .318 159	-.016 .841 158
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	.278 .000 158	-.064 .424 159	-.080 .314 159	-.015 .849 158
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	.291 .009 79	-.077 .500 80	-.048 .675 80	-.168 .139 79
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	.309 .006 79	-.086 .446 80	-.026 .822 80	-.113 .320 79
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	.242 .032 79	-.059 .604 80	-.067 .556 80	-.211 .062 79

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Correlations

		I am connected with my community	I have relationship problems with my partner	I have a strong connection with my partner	I feel supported by my partner
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.001 157	.231 158	.010 157	.034 159
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	-.291 .000 157	.245 .002 158	-.253 .001 157	-.277 .000 159
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	.094 .241 156	-.187 .019 157	.255 .001 156	.216 .006 158
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	-.116 .146 158	.155 .051 159	-.146 .068 158	-.195 .014 160
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	-.165 .040 156	.286 .000 157	-.162 .043 156	-.204 .010 158
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	-.234 .003 156	.215 .007 157	-.273 .001 156	-.281 .000 158
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	.007 .933 157	.027 .733 158	-.047 .556 157	-.027 .732 159
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	-.083 .301 157	.125 .117 158	-.065 .419 157	-.019 .816 159
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	-.255 .022 80	.417 .000 80	-.239 .033 80	-.165 .144 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	-.269 .016 80	.448 .000 80	-.273 .014 80	-.173 .124 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	-.217 .053 80	.344 .002 80	-.180 .111 80	-.140 .215 80

Correlations

		I see the world in a negative light	The world is a safe place	I am currently at risk of homelessness.	I feel safe and secure in my home
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.381 159	.007 156	.122 157	.022 158
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	.115 .149 159	-.136 .089 156	.116 .148 157	-.202 .011 158
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	-.217 .006 158	.210 .009 155	-.181 .024 156	.261 .001 157
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	.152 .056 160	-.064 .429 157	.051 .524 158	-.192 .016 159
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	.383 .000 158	-.235 .003 155	.017 .835 156	-.266 .001 157
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	.222 .005 158	-.173 .031 155	.152 .058 156	-.259 .001 157
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	.032 .692 159	.071 .380 156	-.009 .908 157	.008 .924 158
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	.070 .380 159	-.249 .002 156	.202 .011 157	-.168 .035 158
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	.416 .000 80	-.355 .001 80	.104 .363 79	-.241 .031 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	.437 .000 80	-.336 .002 80	.111 .331 79	-.228 .042 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	.354 .001 80	-.343 .002 80	.087 .448 79	-.233 .038 80

Correlations

		I have enough money to pay my bills	I am more worried about finances as a result of this pregnancy .	I have experienced abuse at some time in my life .	I have experienced a previous miscarriage .
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.578 159	.079 157	.290 157	.149 158
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	-.301 .000 159	.148 .065 157	.322 .000 157	.032 .690 158
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	.042 .600 158	.001 .987 156	-.054 .506 156	-.125 .120 157
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	-.109 .171 160	.198 .013 158	.194 .014 158	.033 .682 159
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	-.232 .003 158	.297 .000 156	.219 .006 156	.004 .960 157
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	-.284 .000 158	.253 .001 156	.305 .000 156	.092 .252 157
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	.106 .182 159	.032 .695 157	-.102 .202 157	.016 .845 158
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	-.208 .008 159	.040 .619 157	.201 .012 157	.363 .000 158
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	-.293 .008 80	.108 .342 79	.365 .001 78	.105 .355 79
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	-.264 .018 80	.122 .284 79	.362 .001 78	.137 .229 79
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	-.297 .007 80	.084 .463 79	.335 .003 78	.062 .588 79

Correlations

		I have experienced a bout of depression .	I am expecting a difficult delivery .	My pregnancy is considered high risk .	My pregnancy has been difficult .
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.091 158	.122 158	.450 158	.002 159
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	.120 .133 158	.112 .162 158	.121 .128 158	.062 .440 159
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	-.035 .664 157	-.175 .029 157	-.129 .107 157	-.181 .023 158
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	.118 .138 159	.275 .000 159	.242 .002 159	.146 .066 160
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	.243 .002 157	.397 .000 157	.248 .002 157	.190 .017 158
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	.199 .012 157	.194 .015 157	.256 .001 157	.383 .000 158
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	-.070 .382 158	-.002 .980 158	-.040 .622 158	-.168 .035 159
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	.494 .000 159	.244 .002 158	.228 .004 158	.286 .000 159
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	.297 .007 80	.088 .442 79	.143 .205 80	.333 .003 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	.322 .004 80	.080 .484 79	.184 .103 80	.339 .002 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	.244 .029 80	.088 .441 79	.087 .442 80	.296 .008 80

Correlations

		My pregnancy has been the best time of my life .	This pregnancy was unplanned .	I look forward to meeting my child .	I feel unprepared to care for an infant .
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.159	.108 158	.261 157	.344 159
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	-.129 .108 158	1 159	-.022 .785 157	.127 .110 159
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	.090 .261 157	-.022 .785 157	1 158	-.230 .004 158
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	-.076 .344 159	.127 .110 159	-.230 .004 158	1 160
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	-.101 .209 157	.078 .329 157	-.183 .022 156	.475 .000 158
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	-.202 .011 157	.126 .117 157	-.112 .166 156	.155 .052 158
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	.150 .060 158	.140 .080 158	-.053 .512 157	.115 .151 159
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	-.076 .344 158	-.017 .831 158	-.075 .349 157	.135 .089 159
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	-.219 .053 79	.028 .805 79	-.337 .002 80	.292 .009 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	-.221 .050 79	-.019 .867 79	-.302 .007 80	.276 .013 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	-.193 .088 79	.077 .501 79	-.343 .002 80	.282 .011 80

Correlations

		Adding a child to my family will add a lot of stress on my family .	I have problems in my relationship with parents .	I anticipate a majority of my support will come from my parents .	I had depression in a previous pregnancy or postpartum time
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.209 157	.011 157	.060 158	.344 158
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	.078 .329 157	.126 .117 157	.140 .080 158	-.017 .831 158
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	-.183 .022 156	-.112 .166 156	-.053 .512 157	-.075 .349 157
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	.475 .000 158	.155 .052 158	.115 .151 159	.135 .089 159
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	1 .000 158	.283 .000 157	-.010 .898 157	.273 .001 157
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	.283 .000 157	1 .000 158	-.344 .000 158	.099 .217 157
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	-.010 .898 157	-.344 .000 158	1 .000 159	-.023 .777 158
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	.273 .001 157	.099 .217 157	-.023 .777 158	1 .000 159
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	.253 .024 80	.167 .139 80	-.034 .766 80	.039 .734 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	.215 .056 80	.129 .255 80	.010 .927 80	.018 .874 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	.270 .016 80	.192 .088 80	-.078 .492 80	.057 .616 80

Correlations

		Comb POSTtotal	EPDSpost TOTAL	PHQ9post TOTAL
My pregnancy has been the best time of my life .	Sig. (2-tailed) N	.053 79	.050 79	.088 79
This pregnancy was unplanned .	Pearson Correlation Sig. (2-tailed) N	.028 .805 79	-.019 .867 79	.077 .501 79
I look forward to meeting my child .	Pearson Correlation Sig. (2-tailed) N	-.337 .002 80	-.302 .007 80	-.343 .002 80
I feel unprepared to care for an infant .	Pearson Correlation Sig. (2-tailed) N	.292 .009 80	.276 .013 80	.282 .011 80
Adding a child to my family will add a lot of stress on my family .	Pearson Correlation Sig. (2-tailed) N	.253 .024 80	.215 .056 80	.270 .016 80
I have problems in my relationship with parents .	Pearson Correlation Sig. (2-tailed) N	.167 .139 80	.129 .255 80	.192 .088 80
I anticipate a majority of my support will come from my parents .	Pearson Correlation Sig. (2-tailed) N	-.034 .766 80	.010 .927 80	-.078 .492 80
I had depression in a previous pregnancy or postpartum time	Pearson Correlation Sig. (2-tailed) N	.039 .734 80	.018 .874 80	.057 .616 80
CombPOSTtotal	Pearson Correlation Sig. (2-tailed) N	1 80	.958 .000 80	.952 .000 80
EPDSpostTOTAL	Pearson Correlation Sig. (2-tailed) N	.958 .000 80	1 80	.823 .000 80
PHQ9postTOTAL	Pearson Correlation Sig. (2-tailed) N	.952 .000 80	.823 .000 80	1 80

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Appendix I

Curriculum Vitae

Danielle D. Jenkins

422 N. Meridian St., V289, Newberg, OR 97132

djenkins07@georgefox.edu

503.888.0779

Education

2007 – present	Student in Doctor of Psychology (Psy.D.) Program Graduate Department of Clinical Psychology: APA Accredited George Fox University, Newberg, Oregon (Degree Anticipated May 2012)
2007 – 2009	Master of Arts, Clinical Psychology Graduate Department of Clinical Psychology: APA Accredited George Fox University, Newberg, Oregon
May 2007	Bachelor of Arts, Social Sciences Concordia University, Portland, Oregon

Supervised Clinical Experience

May 2010 – Current	Practicum III/Practicum Manager Oregon Health Sciences University, Richmond Family Medicine, Portland Oregon <i>Population</i> Adults, Adolescents, and Children <i>Clinical Duties</i> <ul style="list-style-type: none">▪ Managed the intake schedules and referrals of 5 Behavioral Health practicum students as Practicum Manager.▪ Conducted intake interviews and formulated assessment reports.▪ Engaged in short term, solution focused psychotherapy and treatment planning with patients in a Family Medicine Clinic.▪ Provided long term psychotherapy with chronically ill patients.▪ Conducted research to help better shape the Behavioral Health Team and Integrated Medicine program at Richmond Clinic.▪ Presented information on Postpartum Depression Risk Factors to multi-disciplinary Behavioral Health Team.▪ Developed skills and utilized abilities in psychological report writing, patient progress notes, diagnosis, and mental status examinations, and developed and implemented treatment plans.▪ Charting in Electronic Medical Record software for patient records.▪ ADHD assessment for adults and children.▪ Neuropsychology screenings. <i>Supervision</i> Individual and group, including monthly didactic trainings.
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Supervisors

Tami Hoogestraat, MBA, Psy.D., Mary Peterson, Ph.D., and Elizabeth Hamilton, Ph.D.

June 2009- May
2010

Practicum II

Oregon Health Sciences University, Richmond Family Medicine, Portland
Oregon

Population

Adults, Adolescents, and Children

Clinical Duties

- Conducted intake interviews and formulated assessment reports.
- Engaged in short term, solution focused psychotherapy and treatment planning with patients in a Family Medicine Clinic.
- Provided longer term psychotherapy with chronically ill patients.
- Conducted research to help better shape the Behavioral Health Team at Richmond Clinic.
- Developed skills and utilized abilities in psychological report writing, patient progress notes, diagnosis, and mental status examinations, and developed and implemented treatment plans.
- Used Electronic Medical Record software for patient records.
- ADHD assessment for adults and children.

Supervision

Individual and group, including monthly didactic trainings.

Supervisors

Tami Hoogestraat, MBA, Psy.D.; Mark McMinn, Ph.D., Robert Buckler, M.D., and Mary Peterson, Ph.D.

August 2008 –
May 2009

Practicum I

Chehalem Youth and Family Services, Newberg, Oregon

Population

Adults and Adolescents

Clinical Duties

- Conducted intake interviews and formulated assessment reports.
- Engaged in psychotherapy and treatment planning with clients.
- Provided individual and group therapy within a youth residential facility to individuals ages 12 yrs to 18 yrs.
- Provided individual therapy to adults within an outpatient community mental health clinic.
- Developed skills and utilized abilities in psychological report writing, client progress notes, diagnosis, and mental status examinations, and developed and implemented treatment plans.
- Conducted teen suicide screenings at local high schools as part of the Teen Screen Program.
- Provided psychoeducation group to eight residential girls ages 11 yrs to 18 yrs.
- Provided process therapy group to eight residential girls ages 11 yrs to 18 yrs.

Supervision

Individual and group, including weekly didactic trainings.

Supervisors

Victoria Ravensberg, Psy.D., Paul Stoltzfus, Psy.D., and Elizabeth Hamilton, Ph.D.

January 2008 –
April 2008

Pre-Practicum

George Fox University, Newberg, Oregon

Population

Adults

Clinical Duties

- Conducted intake interviews and formulated assessment reports.
- Provided brief individual therapy.
- Engaged in treatment planning with client.
- Consulted with and presented cases to a multidisciplinary mental health team.

Supervision

Individual and group, including weekly didactics.

Supervisors

Mary Peterson, Ph.D., Susan Dutcher, M.A., M.S., and Paul Stoltzfus, Psy.D.

Other Relevant Experience

September 2010 –
January 2011

Graduate Teaching Assistant for Cognitive Behavioral Therapy Class

George Fox University, Newberg OR

Duties

- Grade assignments for PSYD 552

August 2010 –
May 2011

Clinical Oversight George Fox University, Newberg, Oregon

Supervision: Elizabeth Hamilton, PhD

Duties

- Weekly clinical oversight of two Practicum I students to discuss initial practicum experiences and to prepare students for formative and summative evaluations in the areas of history gathering, mental status exams, differential diagnosis, and case conceptualization

August 2010 –
April 2011

Adjunct Professor

Concordia University, Portland, OR

Duties

- *Teach Introduction to Psychology*, PSY 201, and maintain class records.

September 2007 –
December 2007
and
July 2000 –
December 2001

Nanny/Mother's Helper

Hix Family, Wilsonville, OR

Duties

- Provided care for newborn and three other children.
- Transportation for children to various activities.
- Postpartum support.

April 2007 –
August 2007

Parent-Child Development Assistant

Portland Impact, Parent Child Development Services, Portland OR

Duties

- Used *Parents as Teachers* curriculum to provide parent training and emotional support to at-risk families with children ages newborn to six years in an interactive preschool setting.
- Created low-literacy parent education handouts from existing curriculum.
- Provided support, education, and office assistance to other staff.

May 2005 –
February 2006

Nanny/Personal Assistant

Fioravanti Family, Portland, OR

Duties

- Provided care and activity transportation for three children.
- Data entry and office support at family business.

February 2004 –
May 2005

Postpartum Caregiver

Smooth Transitions, Denver, CO

Duties

- Provided care for newborns and new parents.
- Parent education and breast-feeding training and infant scheduling.
- Postpartum depression screening and support.

March 2003 –
February 2004

Nanny

Reed Family, Portland, OR

Duties

- Provided care, transportation, and activity scheduling to three children.
- Behavior modification for child with ADHD and conduct issues.

Presentations and Publications

Jenkins, D., Thurston, N., Peterson, M., Gathercoal, K., (2011, August). Development of a new antenatal measure to predict postpartum depression. Submitted as a poster presentation to the Annual Convention, American Psychological Association, Division 43, Washington, D.C..

Jenkins, D., DePierre, L. M., Buck, C., & Thurston, N. (2011, April). *Parental support in antenatal depression: A factor-analytic study*. Submitted as a poster presentation to the Annual Convention, Western Psychological Association, Los Angeles, California.

Jenkins, D., DePierre, L. M., Wilson, P., & Thurston, N. (2011, April). *Antenatal Depression: A factor analysis of protective factors*. Submitted as a poster presentation to the Annual Convention, Western Psychological Association, Los Angeles, California.

Jenkins, D., Meunch, J., Kobus, A., Hoogestraat, T., and Sordahl, J. (2011). *Primary care behavioral health program evaluation across four family medical clinics*. (In progress.)

DePierre, L. M., **Jenkins, D.,** Wilson, P., Ulmer, J., Thurston, N., (2011). *Major life stressors, depression, and coping in pregnant women*. Submitted as a poster presentation to the Annual Convention, American Psychological Association, Division 35, Division 43, Washington, D.C..

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- DePierre, L. M., **Jenkins, D.**, Buck, C., Thurston, N., (2011). *Factor analysis of diverging supports in maternal mental health*. Submitted as a poster presentation to the Annual Convention, American Psychological Association, Division 35, Division 43, Washington, D.C..
- Thurston, N., Bufford, R., Craddock-O'Leary, J., Conlon, K., Moore, K., & **Jenkins, D.** (2009, April). *Are Shame and Depression Related? Understanding Their Dynamics*. Poster session presented at the Annual Convention, Western Psychological Association, Portland, Oregon.
- Thurston, N., Bufford, R., Craddock-O'Leary, J., Conlon, K., Moore, K., & **Jenkins, D.** (2009, April). *Evaluating the Relationship between Empathy and Shame*. Poster session presented at the Annual Convention, Western Psychological Association, Portland, Oregon.
- Jenkins, D.** (2006, December). *Fundamentalism and Attitudes Towards Seeking Professional Mental Health Treatment*. Thesis defense December 4, 2006, at Concordia University, Portland, OR.

Other Research Experience

October 2009

Dissertation, Preliminary Defense

Dissertation Chair:

Nancy Thurston, Psy.D.

Committee Members:

Mary Peterson, Ph.D., Kathleen Gathercoal, Ph.D.

Title:

Postpartum Depression Predictors

Abstract:

This study looks at the risk factors in populations of postpartum women to see which factors are most predictive of postpartum depression. It is hypothesized that the more antenatal risk factors the mother endorses, the higher likelihood the woman will have postpartum depression following delivery. It is predicted that certain factors will be most predictive and certain combinations of risk factors will also be more predictive. As the number of risk factors increase, then the score on the Edinburgh Postnatal Depression Scale and the Patient Health Questionnaire, 9-item will rise.

(Full defense tentatively scheduled for April 2011)

September 2008 –
Current

Research Vertical Team Member

Participate in bi-weekly team meetings to discuss a wide variety of research projects.

Responsibilities include presentation of dissertation research, consultation on team members' research, development of group papers/presentations, data coding, collecting assessment data, and idea generation.

Supervisor

Nancy Thurston, Psy.D.

Professional Affiliations and Memberships

2007-Present

American Psychological Association, Student Affiliate

2010 Western Psychological Association, Student Affiliate

Volunteer and Mentoring Experience

September 2008 –
Current	Graduate Student Peer Mentor
George Fox University, Graduate Department of Clinical Psychology.
Mentor a new graduate student in graduate school acclimation and professional development
2005	Peer Counselor
Colorado Christian University, Lakewood, CO
<i>Duties</i>   ▪ Organized activities to increase campus cohesion. ▪ Mediated roommate conflicts. ▪ Facilitated and promoted “hot topics.” ▪ Provided one-on-one student mentoring.
2004	Tutor
The Third Story, Denver CO
<i>Duties</i>   ▪ Provided weekly tutoring for under-privileged kids as part of the “no child left behind” program. ▪ Provided one-on-one student mentoring.

Community and University Involvement

November 2008-
March 2009	Graduate Department of Clinical Psychology Admissions Committee
Reviewed and discussed the files of students applying to George Fox University’s clinical psychology doctoral program as well as conducting prospective student interviews.
May 2008 –
Current	Graduate Department of Clinical Psychology New Student Orientation Committee
Responsible for organizing New Student Orientation day and activities including gathering resources for students new to Oregon, reserving space for Community Picnic, and matching current students with new students for the peer mentoring program. Responsible for beginning and facilitating a new program to connect first year students with other students in the GDGP community.
September 2007 –
May 2009	Student Representative, Graduate Student Council
Elected to represent the interests of cohort members as well as the general student body when making funding, academic, and professional development decisions.
May 2008 –
May 2009	Executive Council: Secretary, Graduate Student Council
Responsible for taking meeting minutes, keeping records, updating the handbook,

advertise events to student body, collect all duties associated with elections, update student council email lists, send out handout about Student Council at the beginning of the new school year, and updating the Student Council website as needed.

September 2007–
May 2009

Graduate Student Council Committees:

Multicultural Committee

Responsible for bringing awareness that empowers future clinicians to competently serve individuals and systems from diverse populations by gaining knowledge, understanding, and experience with a variety of multicultural issues.

Special Events Committee

Responsibilities include planning, scheduling, and completing the program's Spring Banquets and other special events.

Professional Conferences and Seminars

March 2011	Cognitive Processing Therapy: A Strategy for Healing Medical University of South Carolina, online webinar
March 2011	Trauma Response Training Trauma Response Institute, Anna Berardi, PhD
February 2011	Multicultural Presentation: Working with GLBT clients Jennifer Bearse, M.A.
October 2010	Best practices in Multi-Cultural Assessment Eleanor Gil-Kashiwabara, PhD
October 2010	Primary Care Behavioral Health: Where Body, Mind (& Spirit) Meet Neftali Serrano, PhD
June 2010	Working with Asian Clients in Behavioral Health Asian Health Service Center
March 2010	Current Guidelines For Working With Gay, Lesbian, and Bisexual Clients; the new APA practice guidelines Carol Carver, PhD.
February 2010	Integrative and Clinical Dimensions of Gratitude Phil Watkins, PhD.
January 2010- June 2010	Primary Care Behavioral Health, UMASS webinar Alexander Blount, EdD
September 2009	Multi-cultural counseling: An alternative conceptualization Carlos Taloyo, PhD
November 2009	Fall Grand Rounds – Psychology and the Emergency Department

October 2009	Infant Adoption Assessment Didactic Training Sally Guyer, Spaulding Center for Children
April 2009	Treatment and Teaching Interventions for Children with Autism Gary Mesibov, Ph.D.
November 2008	Fall Grand Rounds – Primary Care at Virginia Garcia Julie Owemaja, Psy.D., Newberg, Oregon
October 2008	Towards a Global Christian Psychology: Re-considering Culture and Context Dr. J. Derek McNeil, Newberg, Oregon
September 2008	Licensing and Credentialing – National Registry Dr. Judy Hall, Ph.D., Newberg, Oregon
June 2008	Annual Northwest Assessment Conference: <i>WAIS-IV: An Overview and</i> <i>Assessment of ADHD in Children, Teens, and Adults</i> George Fox University, Newberg, Oregon
February 2008	The Psychology of Forgiveness in Clinical Practice Nathaniel G. Wade, Ph.D., Newberg, Oregon
January 2008	Spring Grand Rounds – An Integrative Approach William Buhrow, Psy.D., Newberg, Oregon

Awards

March 2011	Richter Scholars, Student Research Travel Award	\$1200
December 2009	Richter Scholars, Student Research Award	\$674
November 2010	Co-author of Maybelle Clark MacDonald Fund Grant for Pediatric Programs, George Fox University, Behavioral Health Clinic	\$65,000

Assessments Given

16 Personality Factors (16PF)
 Attention Deficit Disorders Evaluation Scales, Adult (ADDES-A)
 California Verbal Learning Test-2
 Controlled Oral Word Association
 DKEFS-20 Questions
 DKEFS-Color Word (Stroop)
 DKEFS-Sorting
 DKEFS-Trail Making
 Halstead-Reitan Neuropsychological Test Battery
 Millon Clinical Multiaxial Inventory-III (MCMI-III)
 Minnesota Multiphasic Personality Inventory-II (MMPI-II)

Minnesota Multiphasic Personality Inventory for Adolescents (MMPI-A)
 Patient Health Questionnaire-9 (PHQ-9)
 Peabody Picture Vocabulary Test-3 (PPVT-3)
 Personality Assessment Inventory (PAI)
 Repeatable Battery for Assessment of Neuropsych. Status (RBANS)
 Rey-Osterrieth Complex Figure
 Test of Memory Malingering (TOMM)
 Trail Making Test
 Vineland
 Weschler Adult Intelligence Scale-IV (WAIS-IV)
 Weschler Individual Achievement Test -II (WIAT-II)
 Weschler Intelligence Scale for Children-IV (WISC-IV)
 Weschler Preschool and Primary Scale of Intelligence -III (WPPSI-III)
 Wide Range Assessment of Memory and Learning-2 (WRAML-II)
 Wide Range Achievement Test-4 (WRAT-4)
 Wide Range Intelligence Test (WRIT)
 Wisconsin Card Sorting Test (WCST)

References

Victoria Ravensberg, PsyD, Clinical Director
 Chehalem Youth and Family Services,
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 503.538.4874
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Mary Peterson, PhD, Professor and Clinical Supervisor,
 George Fox University, Dept of Clinical Psychology
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Tami Hoogestraat, MBA, PsyD
 Oregon Health Sciences University, Richmond Clinic
 3900 SE Division, Portland OR
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