**Supplemental Table 1. Summary of measures of food insecurity and emotional well-being included in the review**

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| **Measures** |
| **Food Insecurity** | **Emotional well-being** |
| 18 item US HFSS | * 3 stage questionnaire
* 18 questions assessing food security
* Most participants are only asked 3 questions or 5 if children in their household
* Statements range from often true to never true
* A specific set of questions for households with children and another for households without children
* Food insecure if answered positively to 3 or more items
 | 20-item CES-D3 scale: never, one year, or two years at risk for depression | * Scale measures symptoms of depression in 9 groups: sadness, loss of interest, appetite, sleep, thinking/concentration, guilt, tired, movement, suicidal ideation
* Answers range from not at all or less than one day to nearly every day for 2 weeks
* Scores range from 0 to 60 with higher scores meaning higher depression symptoms
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| Modified 2-item US HFSS Module | * Whether participants always had enough money to buy the food they need
* Whether participants had skipped meals or eaten less than they felt they should because there was not enough food in the house
* Food insecure if answered no to first question or yes to second question
 | Composite International Diagnostic Interview Short Form for Depression | * Developed by the World Health Organization (WHO)
* Mothers asked whether they had feelings of depression or could not enjoy things they used to find pleasurable over the past year
* Experiencing one of these two conditions most of the day, every day, for a 2-week period were asked followed up questions
* Depressed defined as answering yes to 3 or more questions
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| 1-item food hardship measure | * In the past 12 months, did you receive free food or meals?
* Participants answering yes were followed up with the 18-item US HFSS
 | Toddler Attachment Sort (TAS)-45 | * Shortened version of the Attachment Q sort
* Measures quality of children’s attachment
* 45 items divided into 9 hotspot cluster groups
* 4 attachment styles: disorganized, avoidant, ambivalent, or securely attached
* Answers range from “least like” to “most like” to reflect the child’s behavior
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| 6-item US HFS2 screener at 12-mo.post-partum1-item hunger assessment | * Subset of the original 18-item measure
* Food insecure if answered yes to more than 2 itemsHave you ever experienced being hungry because the family has run out of food or money to buy food?
* Categorical question with yes/no answer
 | 10-item Perceived Stress Scale (PSS) | * Used to evaluate a participant’s perception of stress and how threatening or demanding an event was
* Has helped measure chronic stress or strain, and how participants cope with these stresses
* Answers range from “never” to “almost always”
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| Household Food Insecurity Access Scale6-item US HFS2 screener at 12-mo.post-partum | * Set of 9 questions
* Has been used in several countries and cultural contexts
* Measures FI on a continuous scale ranging from 0-27 (3 points per item)
* Higher scores mean more food insecuritySubset of the original 18-item measure
* Food insecure if answered yes to more than 2 items
 | 21-items Beck depression inventory version II | * Assesses the intensity of depression in both clinical and normal patients
* Each item assesses the severity about a specific symptom of depression
* Core criterion requires any depression symptoms to have lasted at least 2 weeks
* Answers range from 0-3
* Higher scores are considered severe
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| Household Food Insecurity Access Scale | * Set of 9 questions
* Has been used in several countries and cultural contexts
* Measures FI on a continuous scale ranging from 0-27 (3 points per item)
* Higher scores mean more food insecurity
 | Child: 32-item Behavior Problem Index  | * Measures frequency, range and type of behavioral problems for children ages four and up over the past three months
* Responses about child’s behavior range from “often true” to “not true”
* 2 subscales; externalizing and internalizing behaviors
* Externalizing measures aggressive behaviors with scores ranging from 0-17, higher score means higher level of behavior problems
* Internalizing measures withdrawn, or sad behaviors with scores ranging from 0-15, higher score means higher level of behavior problems
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| Household Food Insecurity Access Scale | * Set of 9 questions
* Has been used in several countries and cultural contexts
* Measures FI on a continuous scale ranging from 0-27 (3 points per item)
* Higher scores mean more food insecurity
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| 7-item stress index | * Measures caregivers’ perceptions on feelings and perceptions of caring for the child
* Scores range from 1-5 with higher score meaning more stress
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| 6-item parental warmth scale | * Assesses the relationship between parent and child over the past month
* Assessment includes physical affection, emotional support, appreciation, and frequency of parent involvement in child’s activities
* Scores range from 1-5 with higher scores meaning more warmth
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| 6-item psychological distress scale | * Monitors general psychological distress
* Scores range from 1-24
* Higher values mean higher levels of stress
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|  |  | 10-item Rosenberg scale | * Measures global level of self-esteem
* Measures positive and negative feelings about self
* Scores range from 1-4 with higher scores meaning higher levels of self-esteem
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|  |  | Child Behavioral Checklist  | * Assessment of internalizing and externalizing behaviors
* Externalizing behaviors assessed using the Aggressive subscale and included disobedience, anger, or defiance items
* Internalizing behaviors were measured using Anxious/Depressed and Withdrawn behavior subscales which contain sadness, nervousness, affection and interest items
* Answers range from “not true of my child” to “very/often true”
* Higher scores mean higher behavior problems
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| 30-item Adaptive Social Behavior Inventory  | * Used to assess children’s positive behaviors
* Included social competence and prosocial skills with both adults and other children
* Answers range from “rarely/never” to “almost always”
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|  |  | SF-36 Health Survey mental component summary | * Used in clinical practice, normal population and health policy evaluations
* 10 scales; 5 scales on physical health and 5 scales on mental health
* Mental Component Summary include the Vitality, Social Functioning, Role Emotional, and Mental Health scales
* The score for all scales range from 0-100 with higher score meaning healthiest
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|  |  | 12-item CES-D scale | * Derived from the 20-item CES-D scale
* Used in the National Longitudinal Study of Children and Youth
* Scores range from 0 to 36; minimal (0-11), somewhat elevated (12-20), and very elevated (21-36)
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|  |  | 8-item CES-D scale | * Derived from the 20-item CES-D scale
* Scores range from 0-24
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