**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 |
| 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 |
| 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 |
| 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” |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 6-item psychological distress scale | * Monitors general psychological distress * Scores range from 1-24 * Higher values mean higher levels of stress |
|  |  | 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 |
|  |  | 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 |
| 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” |
|  |  | 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 |
|  |  | 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) |
|  |  | 8-item CES-D scale | * Derived from the 20-item CES-D scale * Scores range from 0-24 |