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New interRAI Depression

Overview

- interRAI has been looking at alternative ways to score depression
- We have a new provisional solution
- Under the new coding schema we use:
 - the three self-report mood items
 - six of the older items that describe the performance of the person and
 - the anxiety and depression diagnosis items).



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Analytic Step- Using CHA Date from COLLAGE

- First identified the mood items that cross walked best with the three new self-report items
- Work within the three areas to create problem sub counts
- Summed the three problem sub-counts –
 - a summed score of "1" (e.g., one symptom present) is coded as a "2"; a score of 2 or higher (two or more problems present) is coded as a "3"
- If the symptoms are not present we next determine whether any of the indicated items are coded as "1" [not observed, but present] or there is a diagnosis of depression or anxiety -- if this is the case we code the interRAI Depression [mood] scale as "1"



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interRAI Depression Distribution in COLLAGE

- Based on this new scale, for almost 7,000 COLLAGE assessments we see the following:
 - > 0 - 71.1%
 - > 1 - 15.5%
 - > 2 - 7.6%
 - > 3 - 5.8%
- In contrast on the old DRS, we see the following on the same cases:
 - > 0 - 86.4%
 - > 1 - 7.6%
 - > 2 - 3.2%
 - > 3 - 2.9%



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Relation Old and New Depression Scales

- The correlation of the new scales with the DRS = .44
- When DRS is crossed with the new scale, we find that 1.7% of the old scores greater than "0" are lost, while we add 17.1% of cases who were zero on DRS to a score now greater than zero on the new scale



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Items on New interRAI Depression Scale

- Interest –
 - Withdrawal from activities 4.7%
 - Reduced social interaction 5.8%
 - Little interest or pleasure 3.3%
- Sad –
 - Sad, pained, or worried facial expression 4.5%
 - Crying, tearfulness 4.2%
 - Sad, depressed, or hopeless 7.8%
- Anxious
 - Repetitive health complaints 2.2%
 - Repetitive anxious complaints 2.3%
 - Anxious, restless, or uneasy 8.7%



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Key Points

- Moving away from the old, deficient Depression Rating Scale (DRS)
- interRAI calls its new scale something quite different -
- there can be no confusion
- We use the three self report items
- We keep two of the old items in each of the three sets, mostly descriptive of behavior, from old set
- We incorporate diagnosis so that all with depression and anxiety are referenced
- It will work for those who cannot respond to the three self-report questions



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