AIADL
Advanced Instrumental Activities of Daily Living Assessment for older adults

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Introduction

- Instrumental activity of daily living (IADL)
  - perform day to day tasks associated with independent lifestyle
  - Lawton IADL is a classical instrument
- Information technology affected individual lifestyle nowadays
- More modernized IADL items are common in daily living

Objective

- Review and refine Lawton IADL assessment
Method

100 home living subjects

200 subjects: 100 home living + 100 hostel living

300 subjects: 100 home living + 100 hostel living + 100 C&A subjects

Test retest reliability analysis

Factor analysis and validity testing

Known group method
Results

- Good test retest reliability with ICC of .88
  - Good to excellent internal consistency
- Factor analysis:
  - 2 factor structure:
    - Home living and management and community living
- Known group method:
  - High overall accuracy of prediction of residence (88.52%)
  - Correlation coefficient .85
Conclusion

- AIADL: Valid and reliable instrument for independent living

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<thead>
<tr>
<th>IADL</th>
<th>AIADL</th>
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<tr>
<td>Using telephone</td>
<td>Using telephone</td>
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<tr>
<td>Transportation</td>
<td>Use of mobile electronic device for communication</td>
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<tr>
<td>Shopping</td>
<td>Transportation</td>
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<tr>
<td>Meal preparation</td>
<td>Shopping</td>
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<tr>
<td>Housework</td>
<td>Meal preparation</td>
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<td>Handyman work</td>
<td>Housework</td>
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<tr>
<td>Laundry</td>
<td>Handyman work</td>
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<tr>
<td>Medication management</td>
<td>Laundry</td>
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<td>Money management</td>
<td>Medication management</td>
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<td>Money management (refined)</td>
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