

Transferring Drug Abuse Treatment
and Assessment Resources (DATAR-3)
(Grant to TCU funded by NIDA; 1999-2004)

Psychometrics for ORC & CEST

D. Dwayne Simpson
and colleagues
Texas Christian University

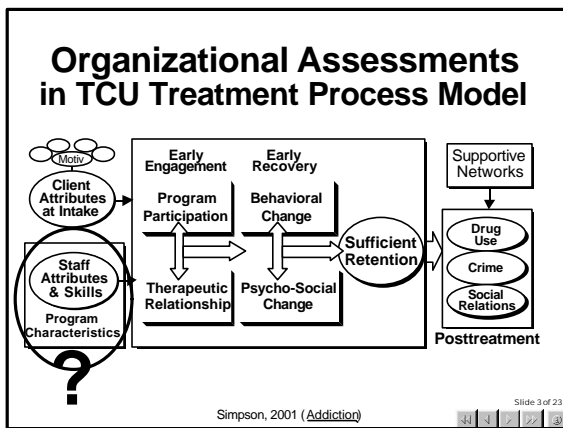
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Scoring Guide Illustration

	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
Item 1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Item 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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Item 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Value =	1	2	3	4	5

- Sum ratings for 5 items in scale (e.g., 4+3+5+5+4 = 21)
- Compute average score (e.g., 21/5 = 4.2)
- Multiply average score X 10 (e.g., 4.2 x 10 = 42)

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Organizational Assessments

Motivation

- Program Needs
- Training Needs
- Pressures

Organizational Dynamics

Staff:

- Growth
- Efficacy
- Influence
- Adaptability
- Orientation

Climate:

- Mission
- Cohesion
- Autonomy
- Communication
- Stress
- Change

Resources

- Offices/Staffing
- Training
- Equipment

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ORC Scales & Reliabilities (Coefficient Alpha values)

<ul style="list-style-type: none"> + Motivation for Change <ul style="list-style-type: none"> ✓ Program Needs (.87) ✓ Training Needs (.85) ✓ Pressures to Change (.68) + Organizational Climate <ul style="list-style-type: none"> ✓ Mission (.72) ✓ Cohesion (.87) ✓ Autonomy (.60) ✓ Communication (.80) ✓ Stress (.83) ✓ Change (.78) 	<ul style="list-style-type: none"> + Staff Attributes <ul style="list-style-type: none"> ✓ Growth (.68) ✓ Efficacy (.74) ✓ Influence (.81) ✓ Adaptability (.73) ✓ Orientation (NA) + Resources <ul style="list-style-type: none"> ✓ Offices (.73) ✓ Staffing (.75) ✓ Training (.62) ✓ Computer Access (.62) ✓ e-Communication (.79)
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TCU National Sample (April 2001; Staff N=316)

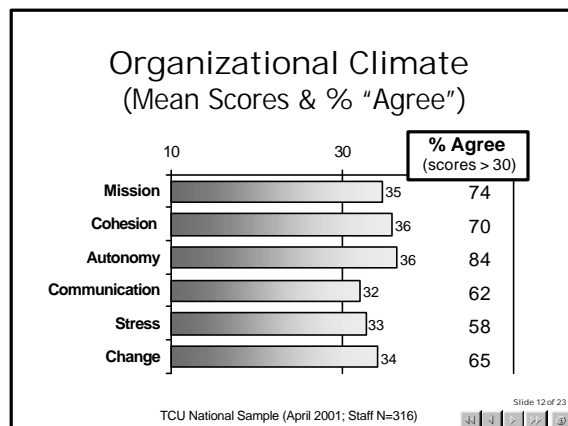
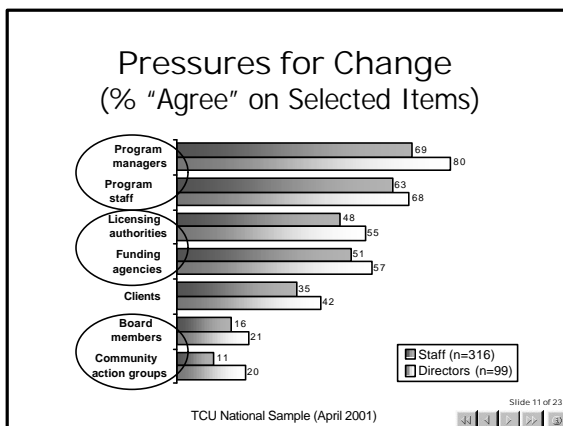
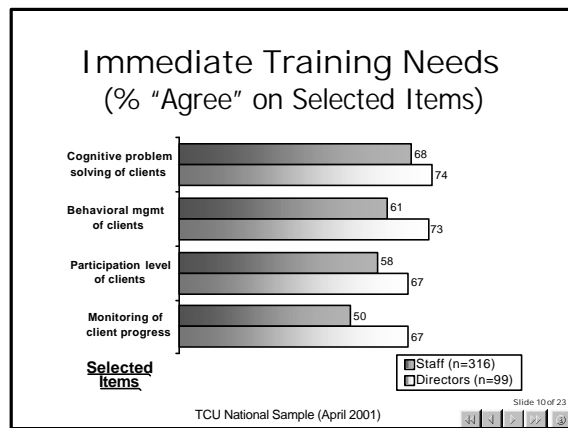
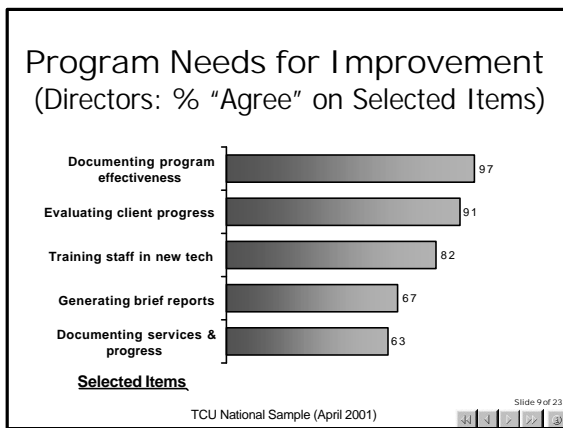
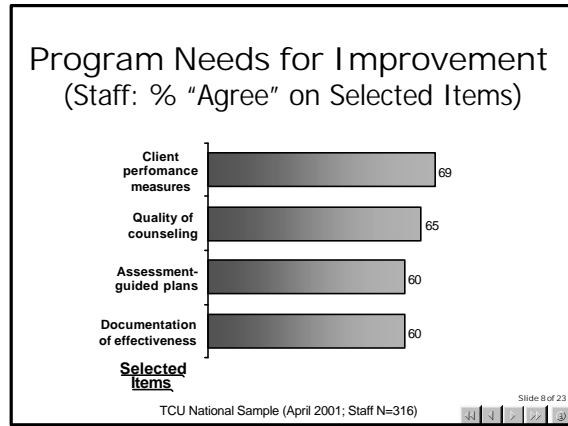
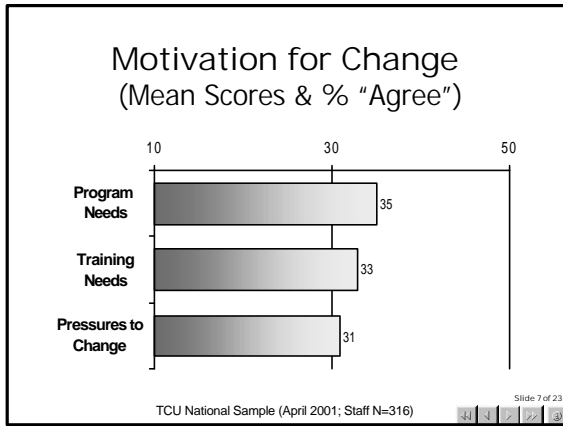
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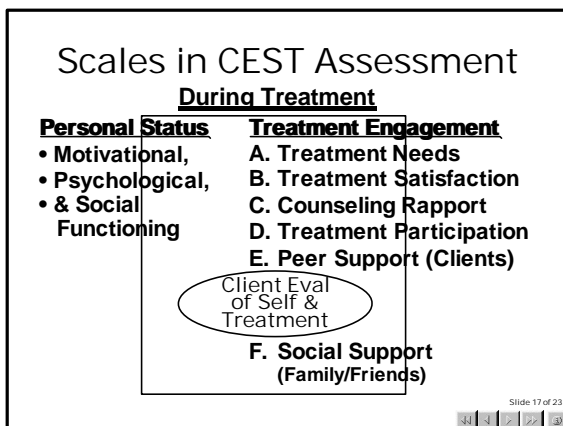
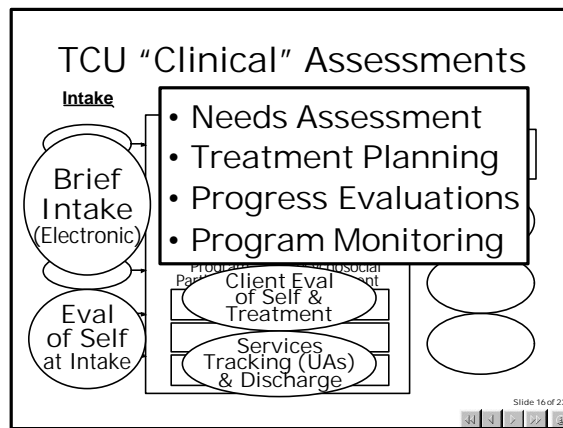
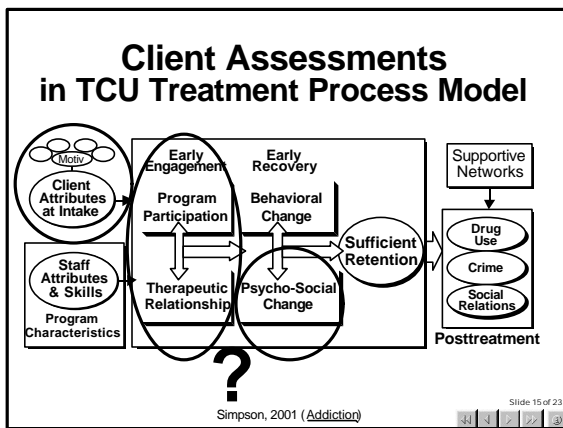
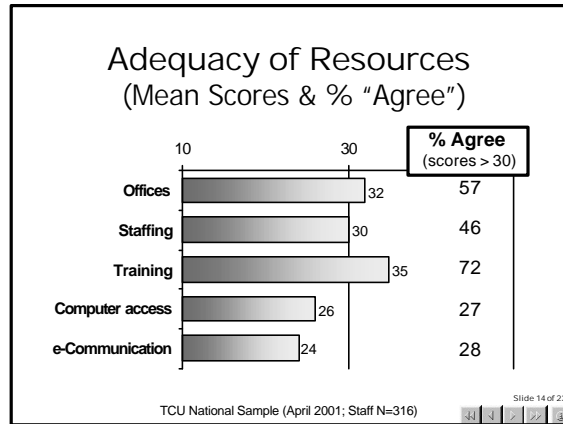
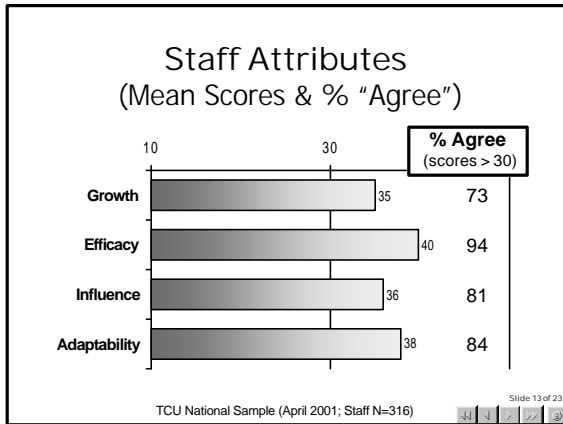
ORC Scale Scores (Means & Standard Deviations)

<ul style="list-style-type: none"> + Motivation for Change <ul style="list-style-type: none"> ✓ Program Needs—35.5 (7.3) ✓ Training Needs—32.7 (7.8) ✓ Pressures to Change—30.7 (6.2) + Organizational Climate <ul style="list-style-type: none"> ✓ Mission—34.9 (6.7) ✓ Cohesion—35.6 (8.6) ✓ Autonomy—36.1 (5.9) ✓ Communication—32.2 (7.9) ✓ Stress—33.4 (8.9) ✓ Change—33.3 (7.2) 	<ul style="list-style-type: none"> + Staff Attributes <ul style="list-style-type: none"> ✓ Growth—35.1 (6.6) ✓ Efficacy—39.7 (5.4) ✓ Influence—36.0 (6.5) ✓ Adaptability—37.9 (6.1) ✓ Orientation (NA) + Resources <ul style="list-style-type: none"> ✓ Offices—31.7 (9.8) ✓ Staffing—29.9 (7.9) ✓ Training—35.1 (8.0) ✓ Computer Access—26.5 (8.5) ✓ e-Communication—23.9 (11.2)
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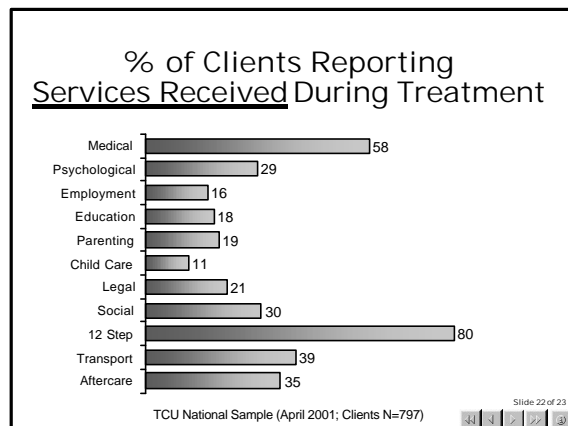
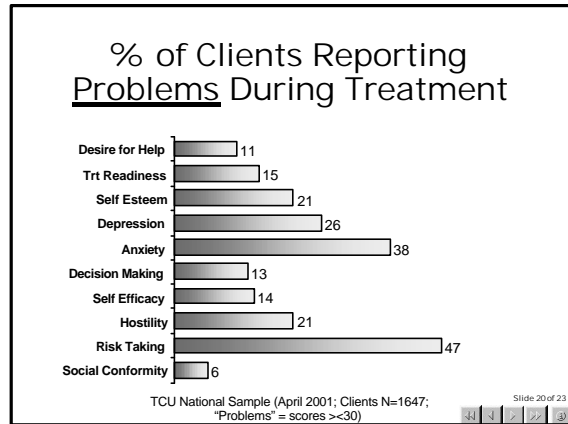
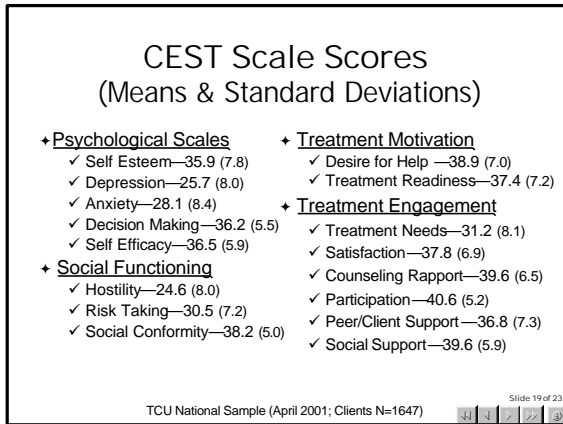
TCU National Sample (April 2001; Staff N=313)

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- ### CEST Scales & Reliabilities (Coefficient Alpha values)
- | | |
|---|---|
| <ul style="list-style-type: none"> • Psychological Scales <ul style="list-style-type: none"> ✓ Self Esteem (.79) ✓ Depression (.80) ✓ Anxiety (.81) ✓ Decision Making (.76) ✓ Self Efficacy (.66) • Social Functioning <ul style="list-style-type: none"> ✓ Hostility (.82) ✓ Risk Taking (.78) ✓ Social Conformity (.57) | <ul style="list-style-type: none"> • Treatment Motivation <ul style="list-style-type: none"> ✓ Desire for Help (.72) ✓ Treatment Readiness (.79) • Treatment Engagement <ul style="list-style-type: none"> ✓ Treatment Needs (.72) ✓ Satisfaction (.81) ✓ Counseling Rapport (.93) ✓ Participation (.86) ✓ Peer/Client Support (.83) ✓ Social Support (.76) |
|---|---|
- TCU National Sample (April 2001; Clients N=1647)



Go to TCU Workshop presentations for examples of program variations

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