



STATEWIDE UTILIZATION OF THE DDCAT: RELIABILITY & FEASIBILITY

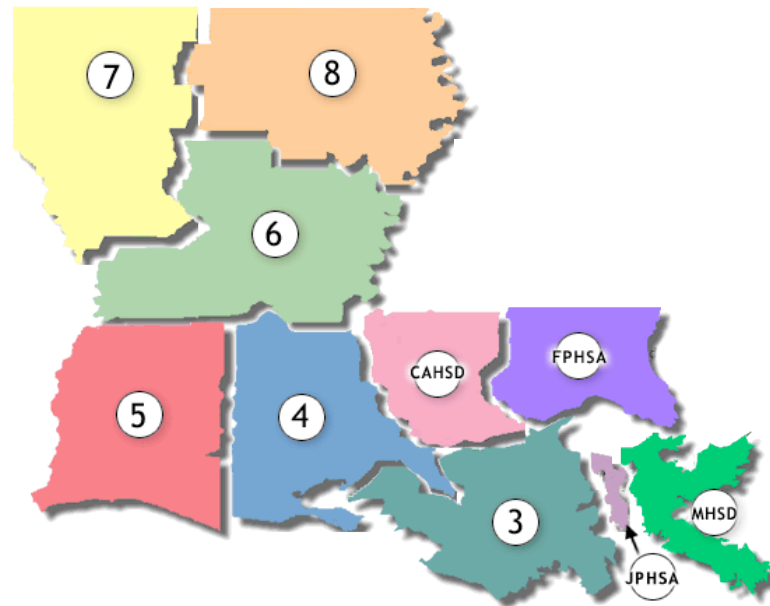
**Jessica Brown, PhD & Joseph Comaty, PhD, MP
ASHR Conference, October 2007**

THE STRUCTURE FOR DDCCAT ADMINISTRATION

People & Products

- Evaluation Team
- Field Staff as co-evaluators
- Training by McGovern
- Manual Development

COSIG Statewide



THE DDCAT ASSESSMENT SITES

- 4 Sites per each of the 10 regions
 - 1 Large Addictive Disorders Center
 - 1 Large Mental Health Center
 - 1 Small Addictive Disorders Clinic (rural)
 - 1 Small Mental Health Clinic (rural)
- Assessments Completed on Site by Combination team (Evaluation & Field Staff)
- DDCAT Scoring Procedure
 - Each rater independently scores
 - Copies of these scores are collected
 - Consensus Scores - the Official Score



CHARACTERISTICS OF THE RATERS

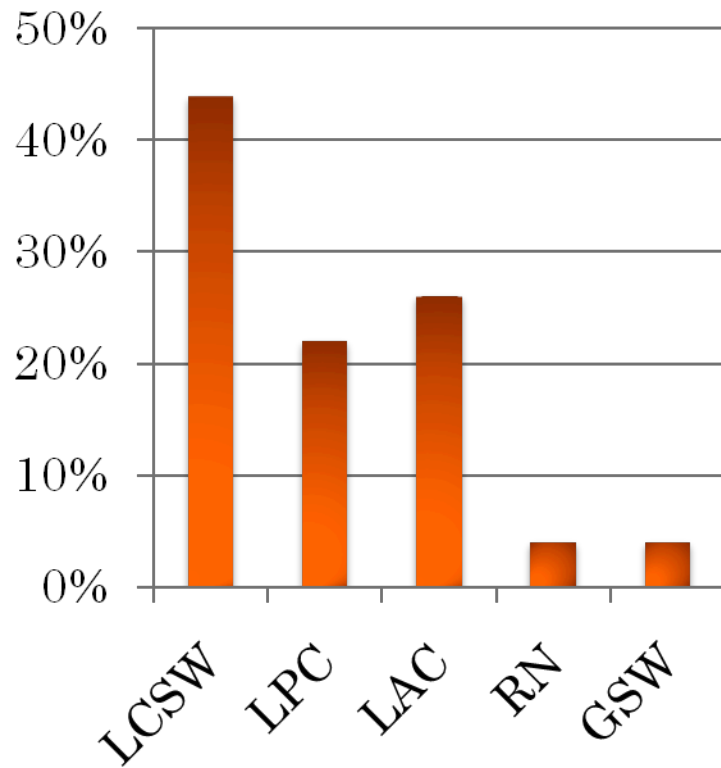
Clinical Experience	Average	Range
	19 Years	8 to 36 Years

Educational Level	
Master's Degree	70%
Bachelor's Degree	26%
Nursing Degree	4%

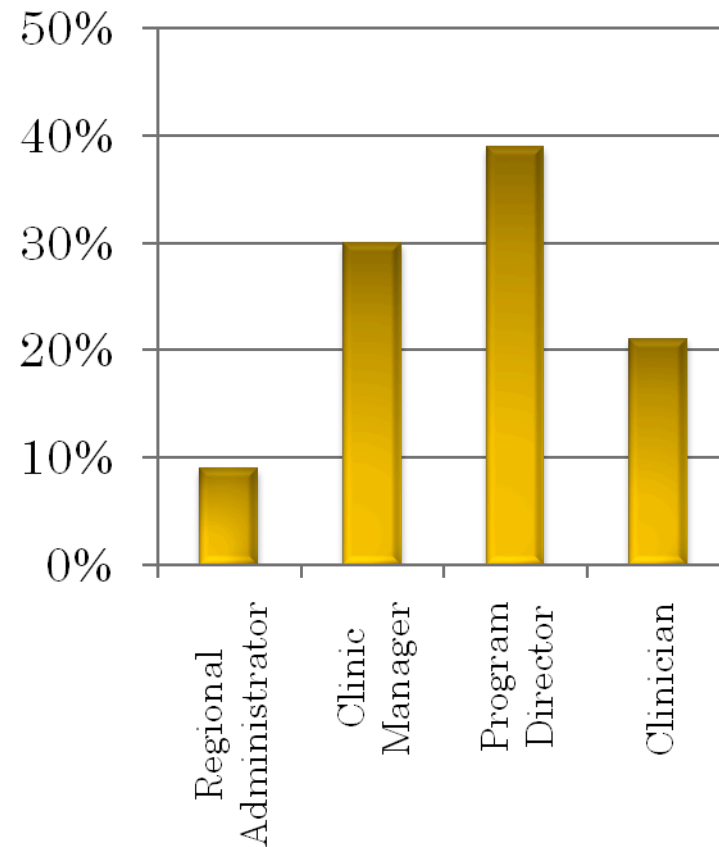


CHARACTERISTICS OF THE RATERS (CON'T)

Credentials



Primary Work Role



RELIABILITY ANALYSIS

Item-Level Reliability

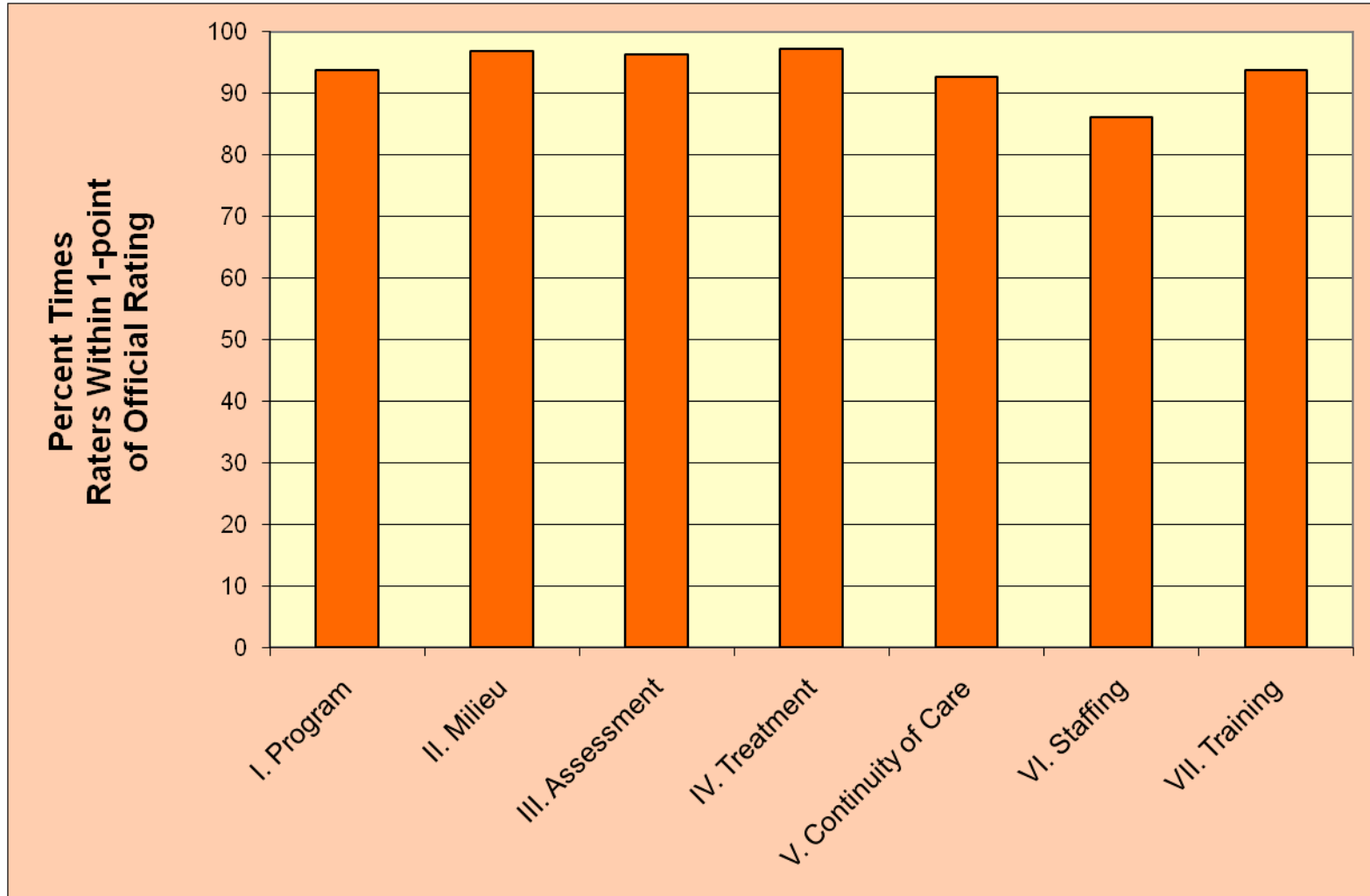
The Math	
DDCAT	35 Items
Raters	5
Sites	38
Total Observations Collected	6650

Comparisons

- By item
- By rater type
- By region
- By type of site
 - Size, agency



RELATIVE RELIABILITY ACROSS DDCCAT DIMENSIONS



OVERALL CONCORDANCE AMONG RATERS ACROSS ALL DDCAT ITEMS

Inter-class Correlation Coefficient	Significance	Raters
.8372	<.0001	All
.8259	<.0001	Evaluators
.6248	<.001	Field Staff

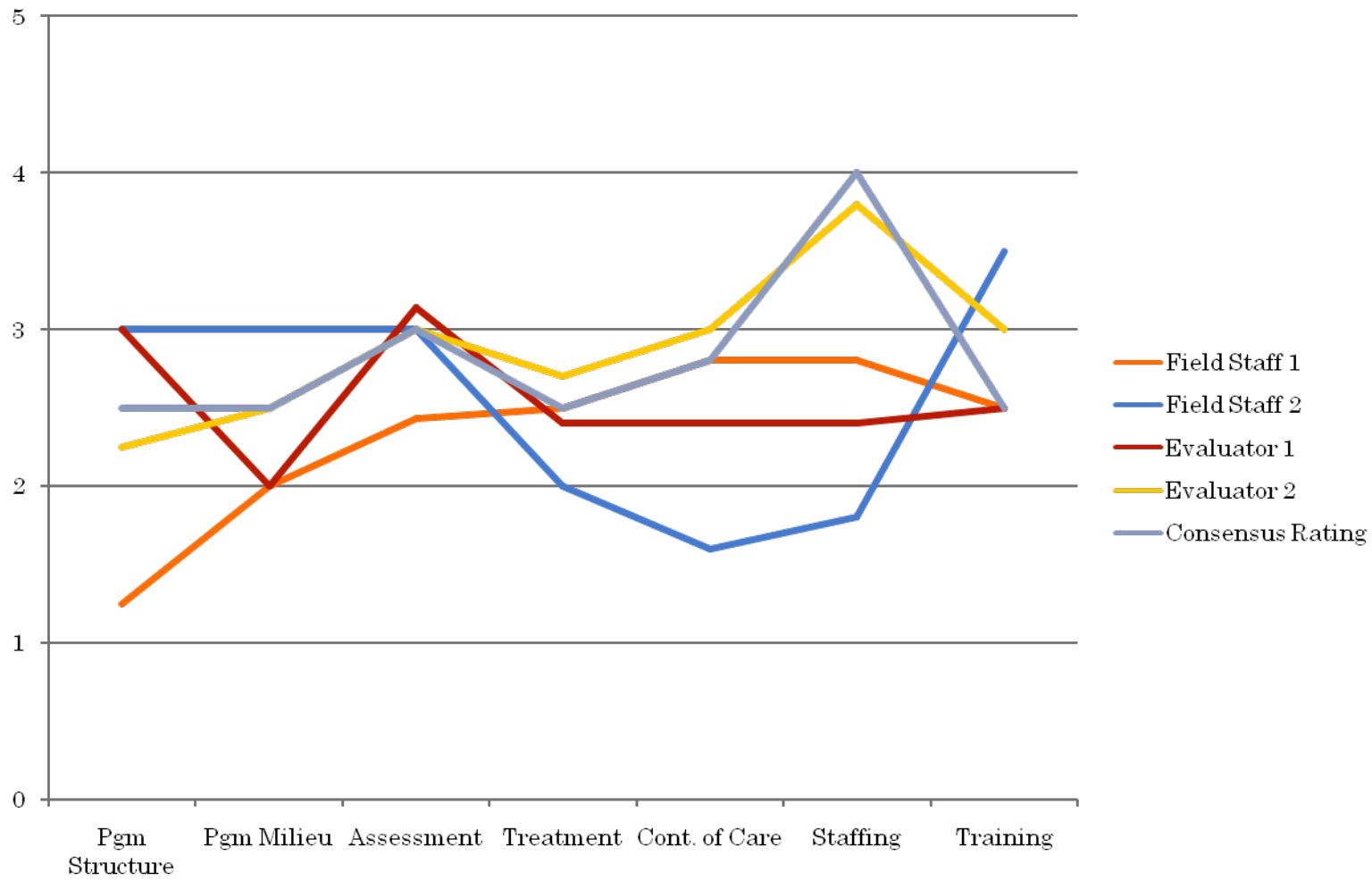


OTHER COMPARISONS OF INTER RATER RELIABILITY

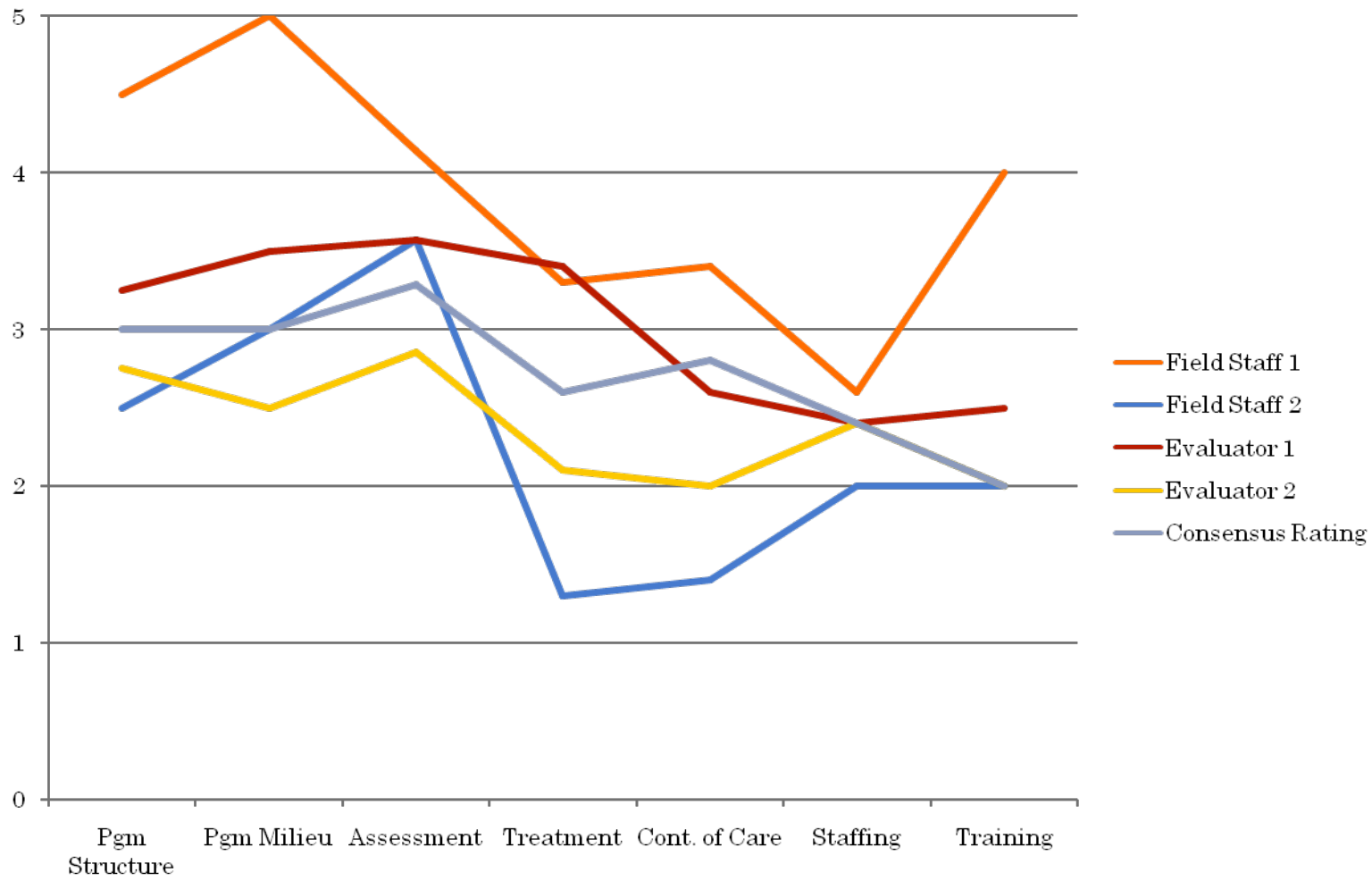
- No differences between Addiction & Mental Health Settings
- No Difference between Small versus Large Clinics
- Reliability of some Items helping to refine the Index
- Some trends noted across the geographic regions
 - Measure of inter-rater reliability within a few regions showed a lower reliability
 - Effect of Practice



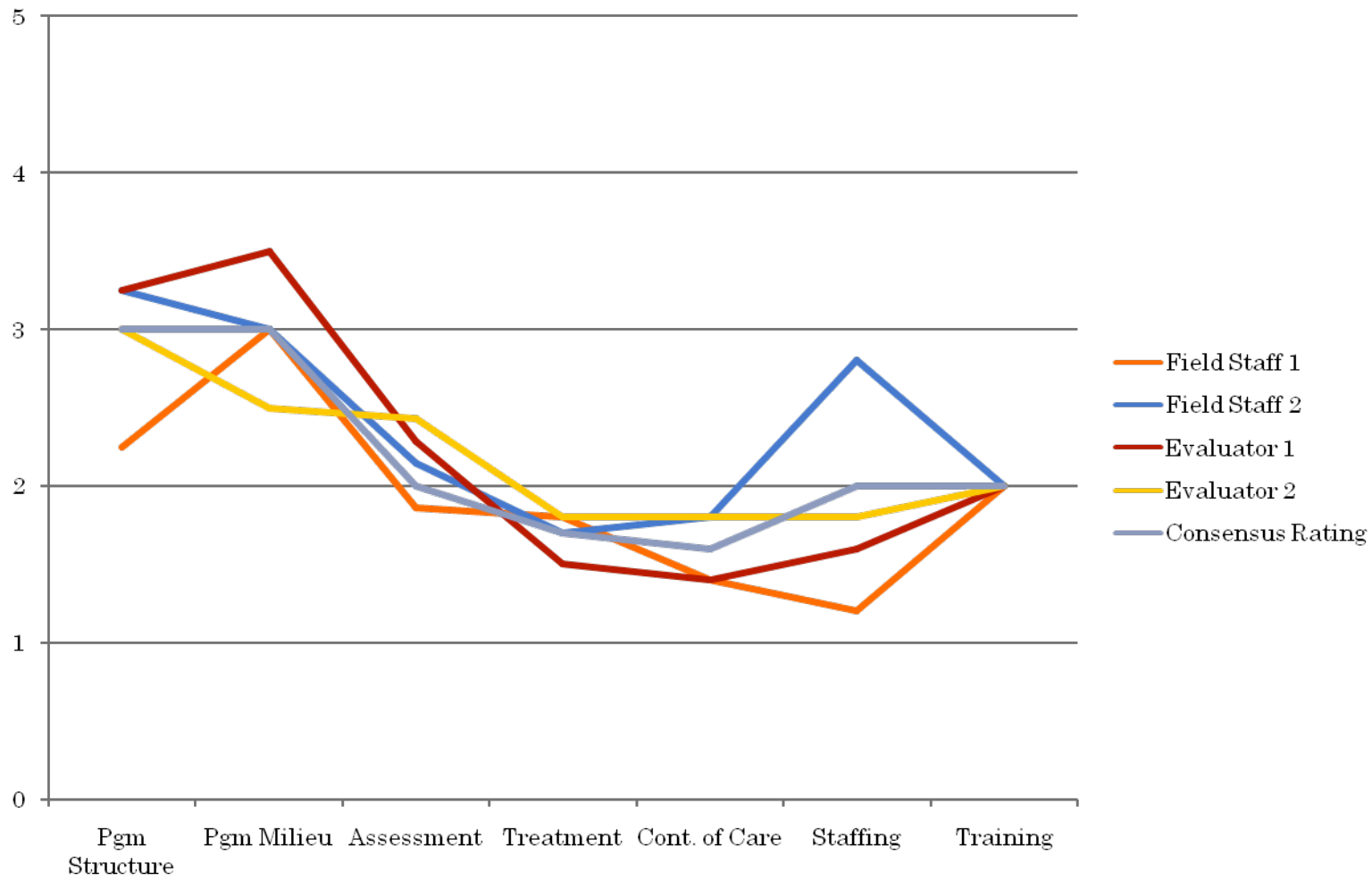
REGION X – 1ST SITE DDCAT PROFILES BY RATER



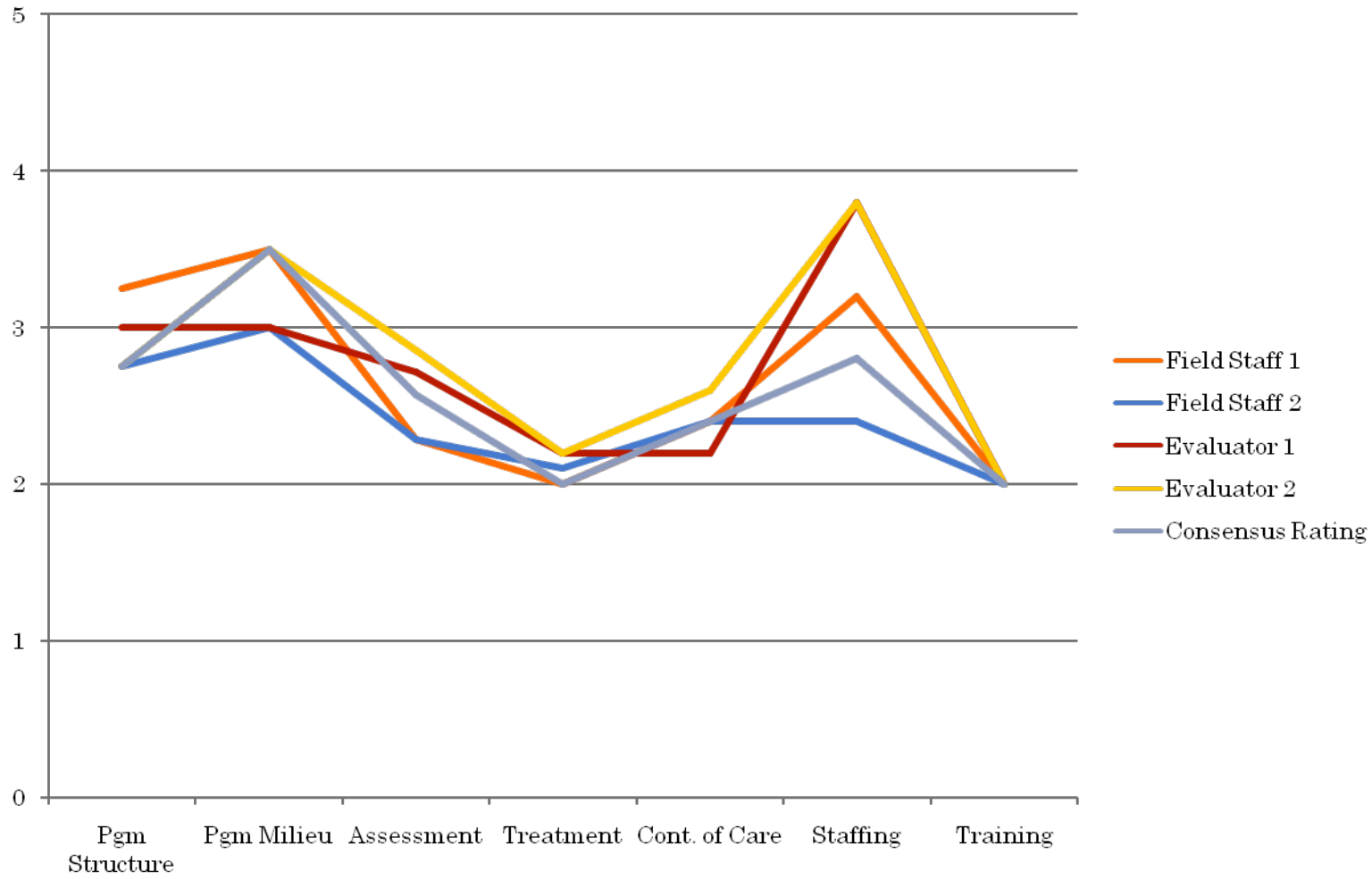
REGION X – 2ND SITE DDCAT PROFILES BY RATER



REGION X – 3RD SITE DDCAT PROFILES BY RATER



REGION X – 4TH SITE DDCAT PROFILES BY RATER



SUMMARY/ SUGGESTIONS

- Training to criterion possible
- Practice makes perfect
- Development of manuals and additional behavioral anchors enhance consistency
- Reliability can be achieved, even with new raters
- Importance of partnership between local and state raters
- Use of external state level raters across all programs important for minimizing bias

