## CEL Rater Reliability Research Overview: Recommendations for Achieving Increased Reliability in Classroom Observations for Teacher Evaluation

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<th>Challenge</th>
<th>Recommendation/Possible Solution</th>
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| 1. Aligning beliefs/vision among system stakeholders and evaluators can affect reliability (and, perhaps as importantly, perceptions of reliability) | • Address vision and beliefs: all evaluators must be operating under the same vision of instruction in order to yield reliable results. Consider holding joint training for administrators and teachers: this lessens any tendency for suspicion of motives and provides an opportunity for evaluators and teachers to interact on the definition of teaching that underlies the performance standards before the actual evaluation process takes place.  
1                                                                                     |
| 2. Ensuring classroom observation framework or instrument is associated with reliable observation outcomes | • Observation instrument should separate observation, interpretation and judgment; or distinguish between bias, interpretation and evidence.  
2                                                                                     |
| 3. Ensuring classroom observation framework or instrument is associated with reliable outcomes; using the same tool effectively for both summative and formative purposes | • Consider whether the purpose of classroom observations is formative or summative evaluation. Conduct observations differently for different purposes.  
4                                                                                     |
| 4. Selecting qualified evaluators                                         | • Raters should have standards knowledge, content knowledge, and pedagogical knowledge, especially when conducting high-inference observations or when high-stakes decisions are involved. Consider using formal peer evaluators in these cases.  
7                                                                                     |
|                                                                           | • Invest in systematic, high-quality training of observers.  
8                                                                                     |
|                                                                           | • Include discussion and analysis of the instrument, including underlying beliefs, in training.  
9                                                                                     |
|                                                                           | • Review and analyze multiple video examples of teaching for each competency at each performance level.  
10                                                                                |
|                                                                           | • Practice scoring videos, with explicit, concrete, personalized feedback from trainers.  
11                                                                                |
|                                                                           | • Specifically address issues of rater bias (severity/leniency, halo effect, etc.).  
12                                                                                |
|                                                                           | • Provide ample opportunities for interactions between facilitator and trainees during the training. Include question and answer sessions after each stage.  
13                                                                                |
|                                                                           | • Provide practice in making objective statements about teaching using observational framework.  
14                                                                                |
|                                                                           | • Use cooperative groups during training sessions to increase the level of objectivity among raters. Evaluators complete ratings independently, but discuss them within the group, listening to perspectives of other group members.  
15                                                                                |
| 5. Minimizing rater bias; addressing interrater reliability | - Use multiple raters (not just one observer) per teacher.  
- Rotate raters across teachers; randomly assign raters to classrooms.  
- Conduct multiple observations, especially when the stakes are high.  
- Ideal number for strong reliability is 4-6 observations per year.  
- The use of multiple evaluators increases reliability, especially if at least one of the evaluators is a professional peer rather than another administrator.  
- Conduct system-level audits using impartial observers or oversight panels.  
- Consider a “hold harmless” period when participating schools begin making observations, practicing feedback and scoring teacher practice. |
|---|---|
| 6. Establishing evaluator accountability | - Evaluators should formally demonstrate competency in using the evaluation tool accurately – using some kind of certification process and/or reliability standard – before conducting classroom observations. Competency should be judged in comparison with “expert raters.”  
- If raters fail after multiple attempts, they should be declared ineligible to rate.  
- Because the fail rate is somewhat predictable, train 10-15% more observers than you will need.  
- Observers must pass a calibration exercise before they participate in rating on any particular day.  
- Evaluators take periodic drift tests to ensure reliability.  
- Require annual recertification of raters. |
| 7. Maintaining quality control and system oversight | - Conduct ongoing training for evaluators. Include interrater reliability activities at least monthly.  
- Use scoring leaders, or leadership teams, who manage a group of scorers and work more closely with discrepant scorers.  
- Use double scoring for quality control (two raters scoring the same lesson).  
- Document everything to provide evidence as to extent of reliability. Expect to make changes after the first year of implementation.  
- Make use of a performance management system to track data and document feedback (for example, the eVAL tool provided by Washington state’s Office of Superintendent of Public Instruction). |
| 8. Addressing implementation issues | - Base results on a single competency model in order to preserve alignment of the system.  
- Stick to the system (fidelity of implementation).  
- To make sure observations aren’t a function of time of year, observe on multiple consecutive days (for example, two days).  
- For best results, schedule observations after the first 25 minutes of the school day.  
- Evaluators should score away from distractions.  
- Consider a combination of preannounced and unannounced visits (pre-scheduling can impede reliability).  
- Average teachers’ scores over multiple observations (don’t use the results of a single observation). |
Footnotes

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Literature Review compiled by Kelly Smith for the Center for Educational Leadership.


