EPPS 6354 Progress Report

Oliver Jack Myers

Recall:

Project Overview

Purpose

- The Purpose of this project is to help the TPSA Administration evaluate their score cards from competitive events to determine the effectiveness of their rubrics by:
  - **Creating a database** with all of their event types, rubrics, scores, and other information
  - **Creating an interface** to interact and visualize the rubric data to identify problem areas to be improved

Target Audience

- TPSA Staff

Recall:

Interface Sketch

Interface

- Web-based Interface

Shiny App

- Data / Tables added to pgAdmin via SQL and data hosted to a railway server.
- Shiny app shell initiated with limited functionality.
- Next steps are to drill down into **competitive events** and evaluate criteria scores from the database.
- A nice to have would be a more formal interactive dashboard

Average Scores & Variance by Competitive Event

Average Evaluation Scores by Competitive Event

competitive_event_name	average_score	score_variance
First Responder	88.37	65.67
Parliamentary Procedure	88.34	89.18
Fiber Analysis	86.55	109.27
Cell Extraction	81.41	134.56
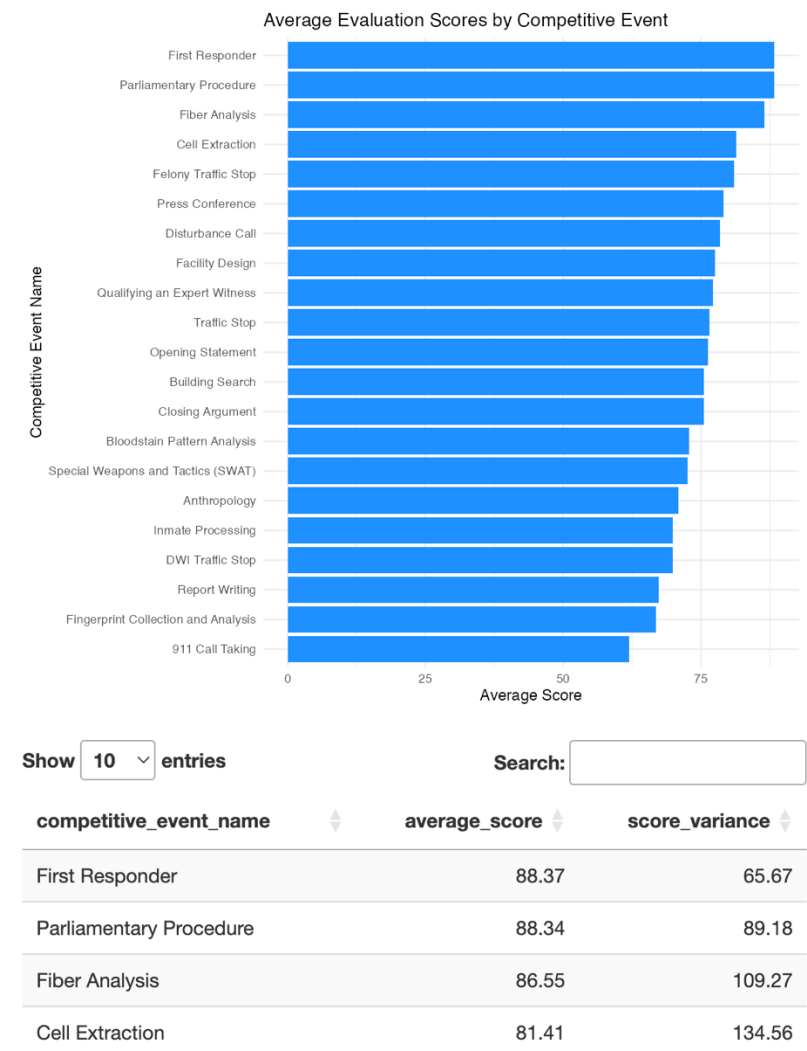
Now, we can select data by Competition

- Selecting **"State Conference"** now will show us all the competitive events' overall scores from that conference.

Evaluation Breakdown

Select a Conference:

State Conference (2025) ▲

Region 8 Conference (2025)

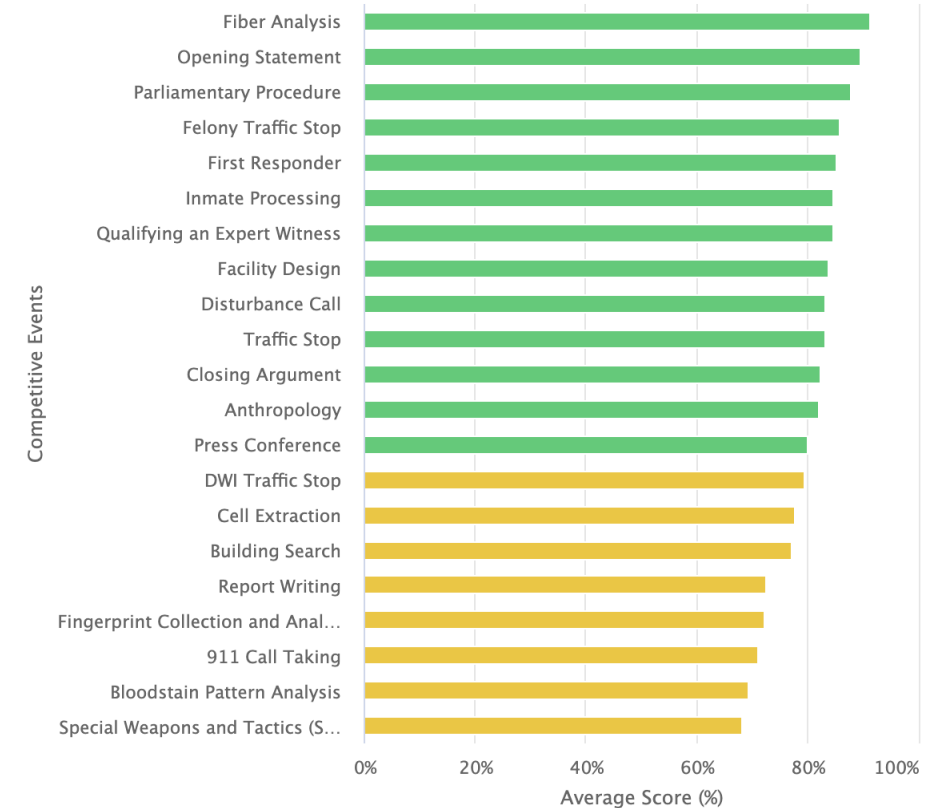Region 8 Conference (2025)

Region 1/7 Conference (2025)

Region 2 Conference (2025)

Region 4 Conference (2025)

Region 3 Conference (2025)

State Conference (2025)

Competitive Event Breakdown

Drilling Down to a "Competitive Event"

- From the "State Conference" data, we can now select a specific event to break down its Rubric Criteria.

- Color Indicates which criteria Is scored on average:
  - Red: Below 59%
  - Yellow: 60%-79%
  - Green: > 80%

Evaluation Breakdown

Select a Conference:

State Conference (2025) ▾

Select a Competitive Event:

911 Call Taking ▴

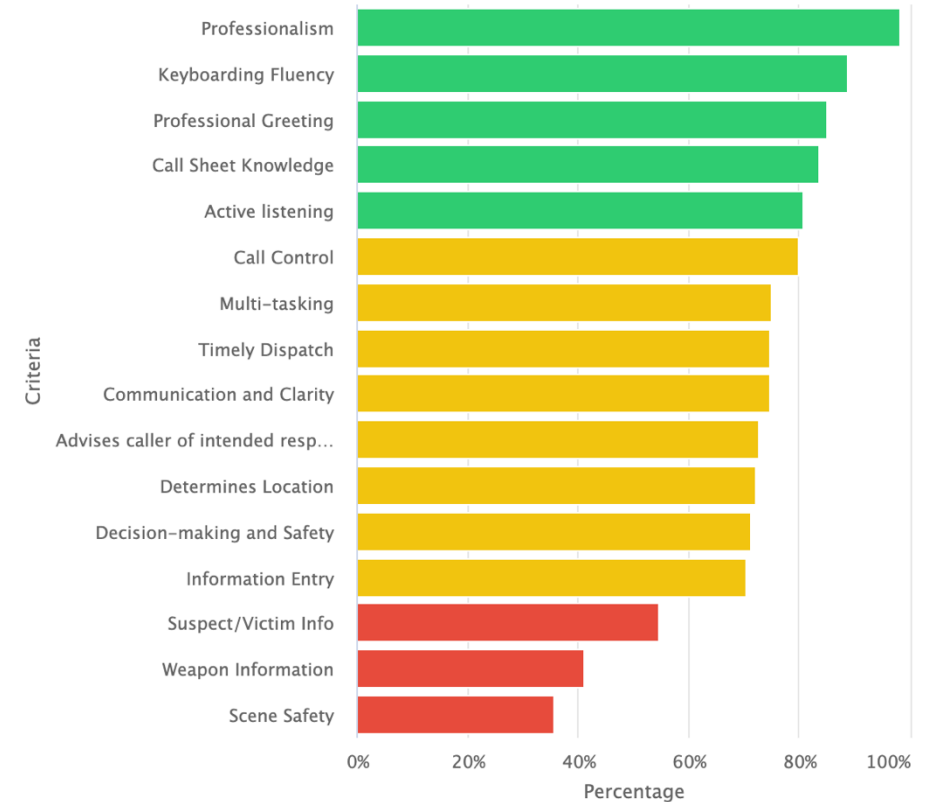| All |
| **911 Call Taking** |
| Anthropology |
| Bloodstain Pattern Analysis |
| Building Search |
| Cell Extraction |
| Closing Argument |

- Dispatch Supervisor (719)
- Telecommunications Officer (719)

Criteria Breakdown for 911 Call Taking

Matching the Physical Rubric

Evaluation Breakdown
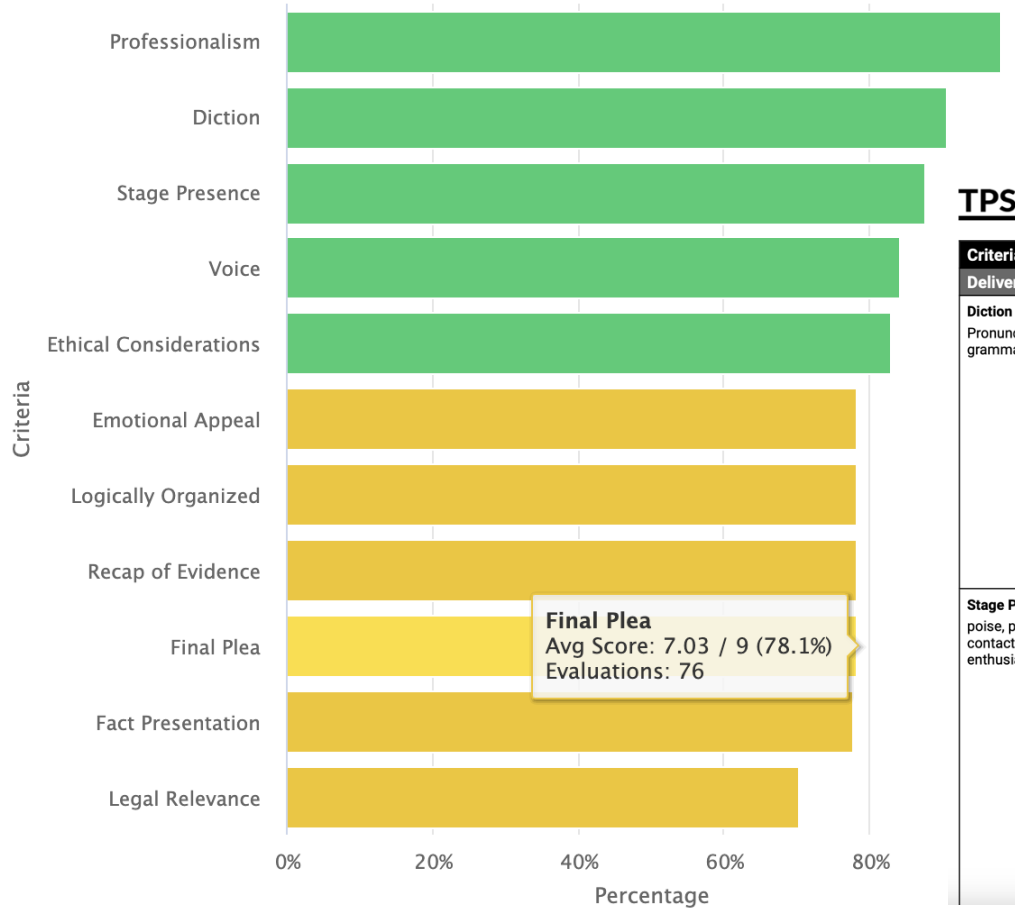
Select a Conference:

State Conference (2025) ▼

Select a Competitive Event:

Closing Argument ▼

Event Summary

Overall Average Score: 82.4%

Total Evaluations: 19

Judges:

Number of Judges: 2

- Attorney (418)
- Retired Supervisor (418)

Criteria Breakdown for Closing Argument

Professionalism
Diction
Stage Presence
Voice
Ethical Considerations
Emotional Appeal
Logically Organized
Recap of Evidence
Final Plea
Fact Presentation
Legal Relevance

Criteria

Final Plea
Avg Score: 7.03 / 9 (78.1%)
Evaluations: 76

0% 20% 40% 60% 80%

Percentage

Select a Competitive Event:

Closing Argument ▲

911 Call Taking
Anthropology
Bloodstain Pattern Analysis
Building Search
Cell Extraction
Closing Argument
Disturbance Call

TPSA Closing Argument
Legal Studies

Presentation
FY2025

Criteria	Unattempted	Unsatisfactory	Satisfactory	Proficient	Exemplary	Points
Delivery						
Diction Pronunciation and grammar	⓪ There are many distracting errors in pronunciation and/or articulation. monotone or inappropriate variation of vocal characteristics. Inconsistent with verbal message	③ Delivery quality minimal. Regular verbal fillers (ex: "ahs," "uh/ums," or "you-knows") present. Delivery problems can cause disruption to messages.	⑤ Delivery adequate. Enunciation and pronunciation are suitable. Noticeable verbal fillers (ex: "ahs," "uh/ums," or "you knows") present. The Delivery seemed inconsistent at times.	⑦ Delivery helps to enhance the message. Clear enunciation and pronunciation. Minimal vocal fillers (ex: "ahs," "uh/ums, or "you-knows"). Delivery complemented the verbal message	⑨ Delivery emphasizes and enhances the message. Clear enunciation and pronunciation. No vocal fillers (ex: "ahs," "uh/ums," or "you-knows"). Delivery heightened interest and complemented the verbal message.	
Stage Presence poise, posture, eye contact, and enthusiasm	⓪ No attempt was made to use body movement or gestures to enhance the message. No interest or enthusiasm for the topic came through in the presentation.	③ Posture, body language, and facial expressions indicated a lack of enthusiasm for the topic. Movements were distracting.	⑤ Stiff or unnatural use of nonverbal behaviors. Body language reflects some discomfort interacting with the audience. Limited use of gestures to reinforce verbal messages. Facial expressions and body language are used to try to generate enthusiasm but seem somewhat	⑦ Maintained adequate posture and non-distracting movement during the speech. Some gestures were used. Facial expressions and body language sometimes generated an interest and enthusiasm for	⑨ Movements & gestures were purposeful and enhanced the delivery of the speech and did not distract. Body language reflects the comfort of interacting with the audience. Facial expressions and body language consistently generated a	