

Comprehensive Statistical Expansion: "Yez" Verbal Tic Analysis

Data Expansion Study

November 2025 – January 2026

1 Primary Lecture Dataset

The following table summarizes the observed data across six lecture sessions.

Lec	Date	Total "Yez"	Duration	Rate (Yez/Min)
1	10.11.2025	161	1:10:58	2.27
2	17.11.2025	210	1:22:48	2.54
3	24.11.2025	207	1:13:12	2.83
4	01.12.2025	270	1:23:20	3.24
5	12.01.2025	311	1:11:12	4.37
6	19.01.2025	385	1:31:22	4.21

2 Interval Consistency Analysis

Detailed rates derived from 20-minute interval markers. These values quantify the volatility of the verbal tic within a single session.

Interval (Min)	Lec 2	Lec 3	Lec 4	Lec 5	Lec 6
0–20	2.85	3.5	4.4	5.3	5.1
20–40	2.4	2.5	3.6	4.2	3.05
40–60	2.75	2.25	1.75	3.8	4.9
60–80/End	2.27	3.23	3.04	4.09	4.2
Mean Rate	2.57	2.87	3.20	4.35	4.31
S.D. (σ_{rate})	0.28	0.59	1.11	0.66	0.93

3 Aggregated Metrics and Dispersion

Across the global dataset (1,544 total "yez"), the following dispersion metrics are observed:

- **Mean Total per Lecture:** $\bar{x} \approx 257.33$
- **Total Count Dispersion:** $\sigma_{counts} = 81.72$
- **Global Rate Dispersion:** $\sigma_{global_rate} = 1.02$ yez/min

4 Observations on Variance

The standard deviation analysis reveals that **Lecture 2** was the most consistent ($\sigma = 0.28$), while **Lecture 4** exhibited the highest internal volatility ($\sigma = 1.11$), dropping from a high of 4.4 YPM to a low of 1.75 YPM within the same session.

5 Visual Datapoints

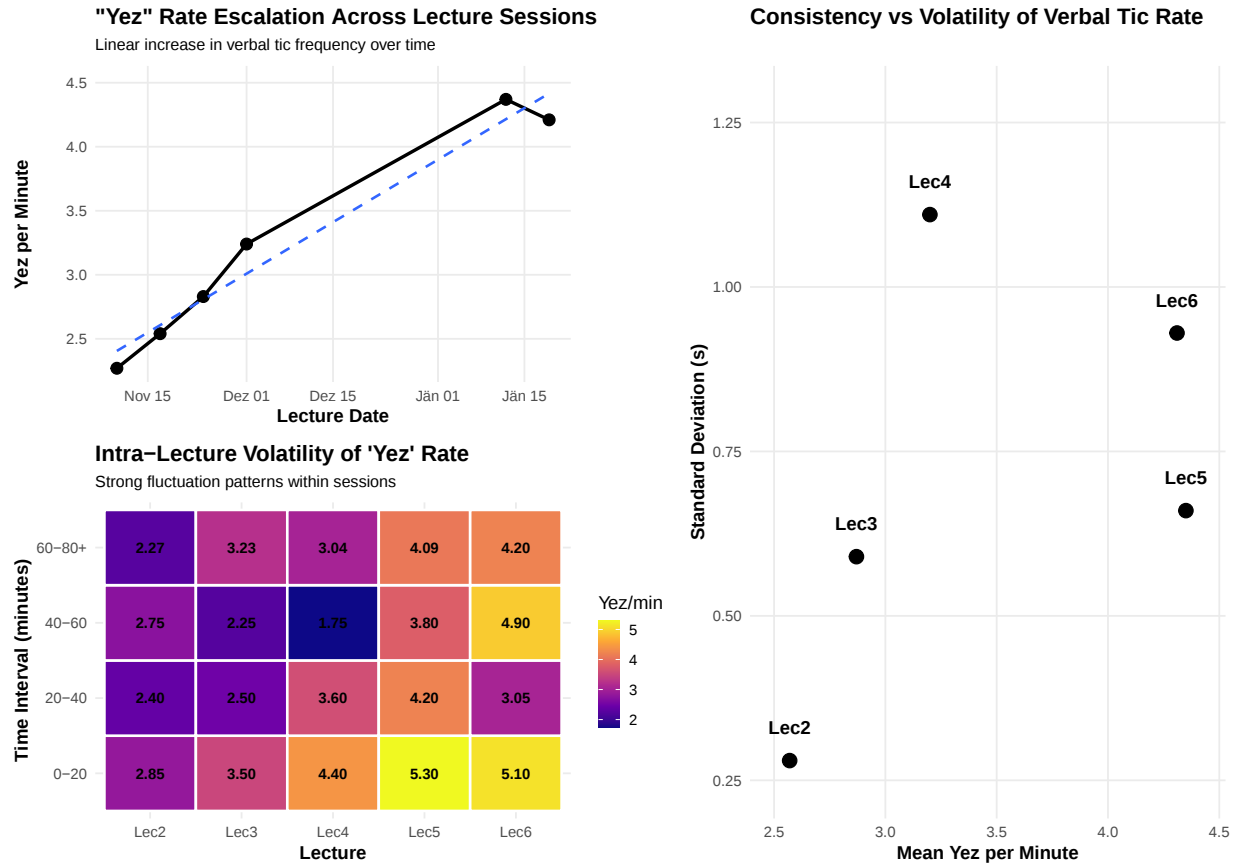


Figure 1: Comprehensive visualization of the "Yez" verbal tic analysis: temporal escalation across lectures, intra-lecture volatility, and consistency versus dispersion metrics.