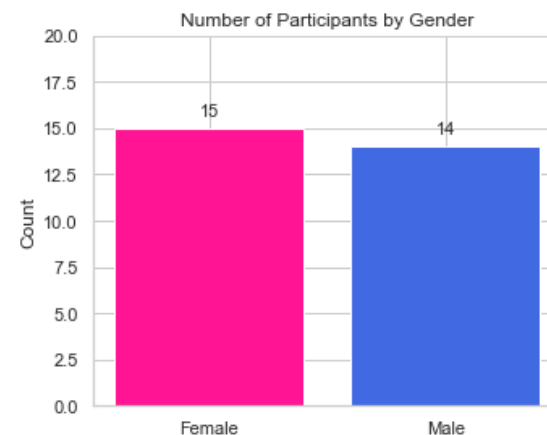


Results

Dataset	Entries	Columns	Description
Dataset 1- SUS-Q	15 participants	107 columns	Raw questionnaire + feedback data, including subjective QoE dimensions, slider ratings, text feedback, and emotional reactions.
Dataset 2 UEQ-S	14 participants	34 columns	Structured post-session survey with additional technical feedback and impression ratings.

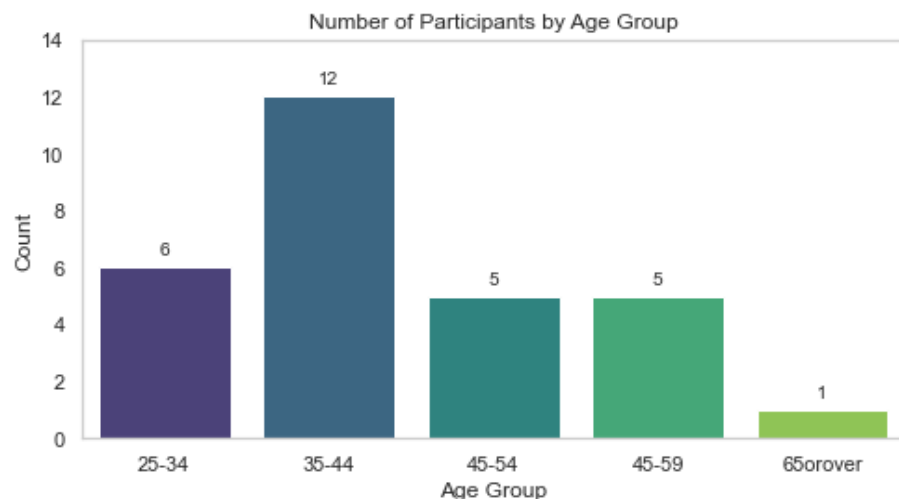
A total of 29 participants, with 15 females and 14 males



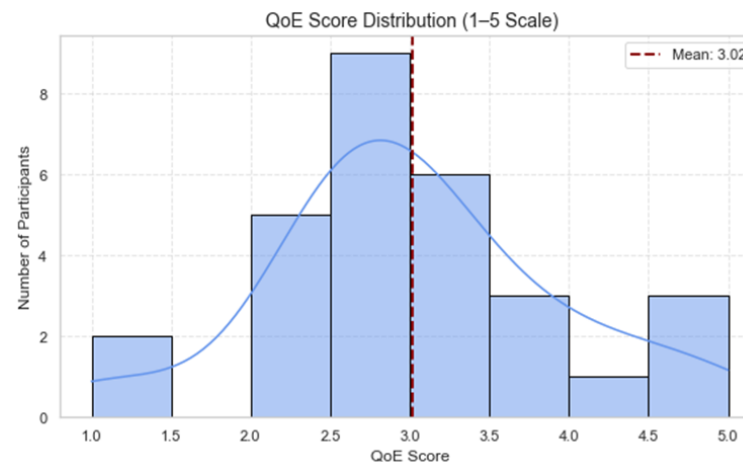
Gender-wise QoE Score Comparison



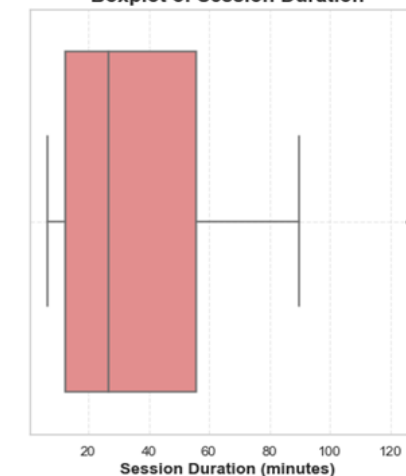
Age Group-wise Count

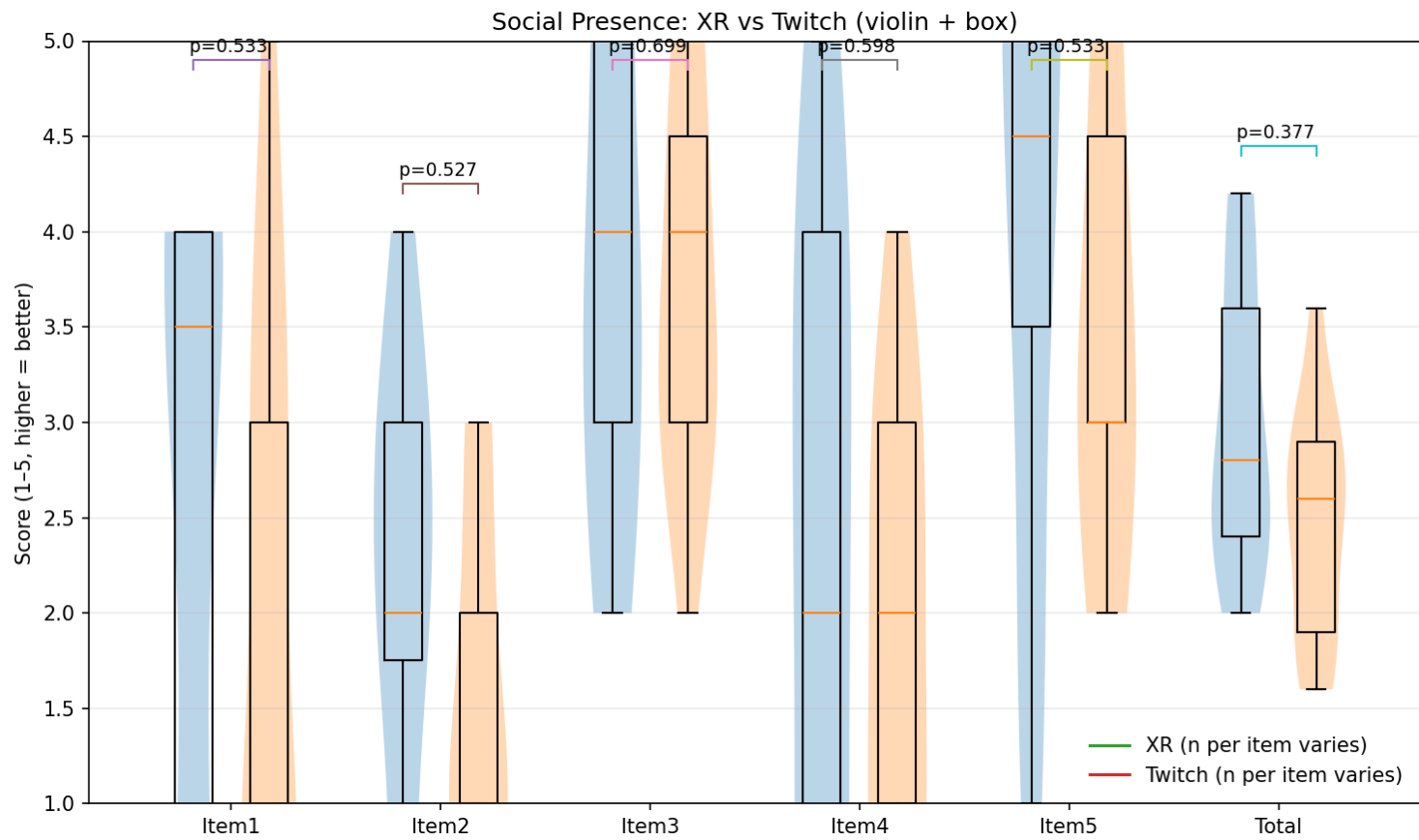


Overall Positive QoE Reported

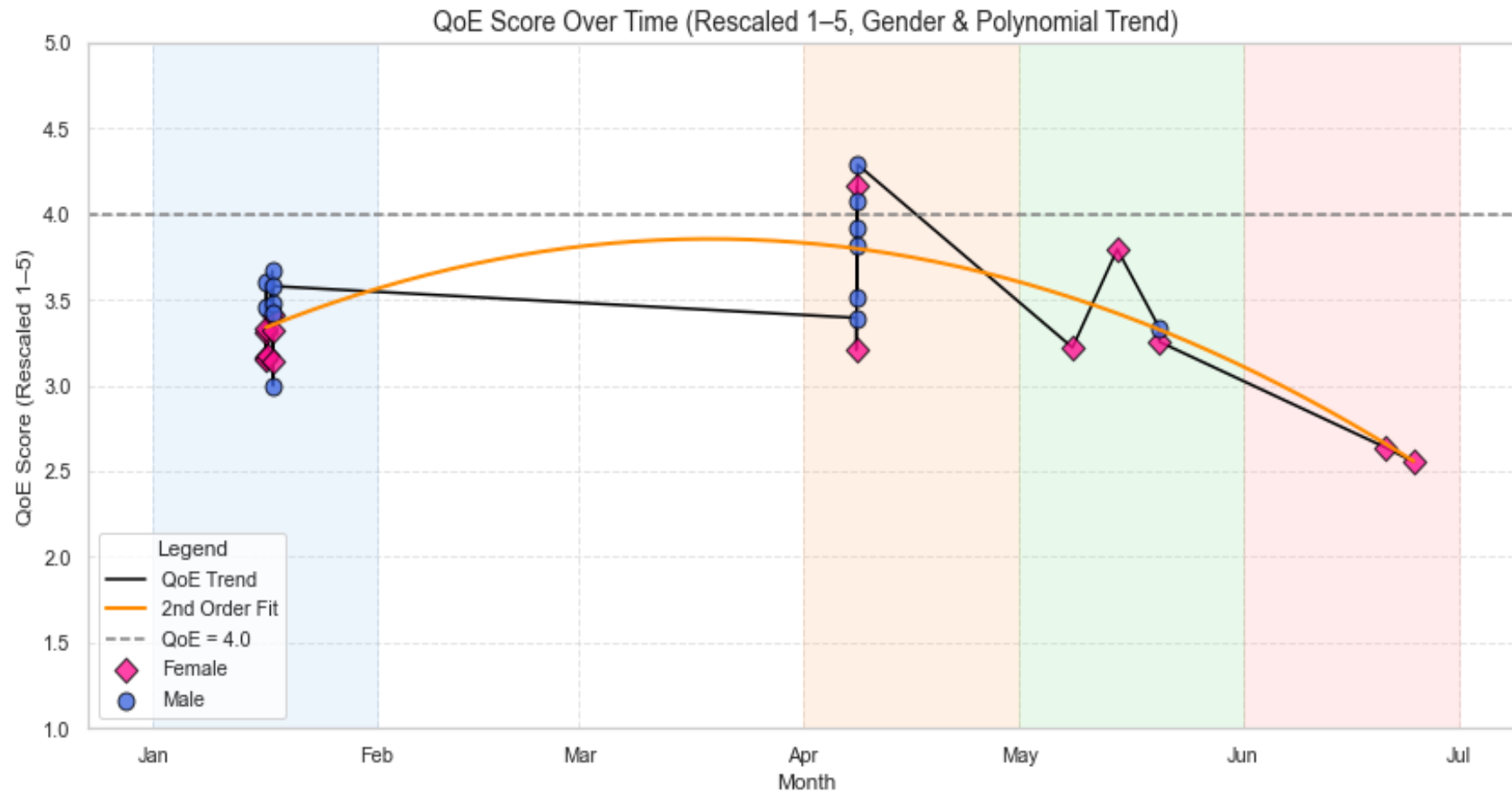


Boxplot of Session Duration





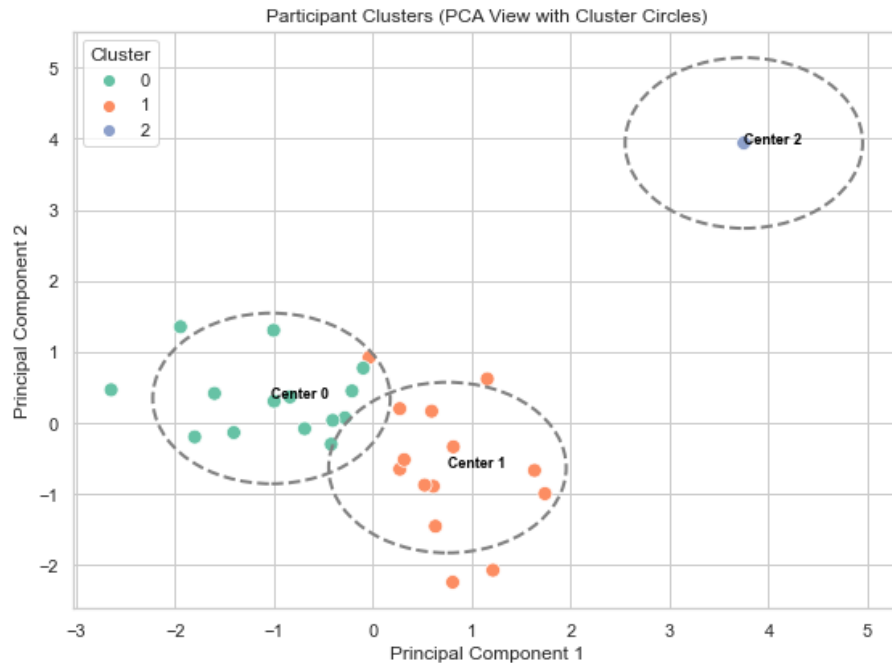
QoE Trends over Time



QoE rises Jan → Apr
Participants initially reported better experiences or improvements

QoE falls after Apr
Something possibly caused satisfaction to decline (e.g., technical issues?)

Cluster Analysis to determine patterns



Cluster 0: Mostly male, higher QoE, but wide variability in duration.

Cluster 1: All female, lower QoE, more consistent session lengths.

Cluster 2: An outlier

Insight: Gender is a dominant factor in both QoE and clustering structure

Cluster	Median QoE	Std QoE	Count	Median Duration (mins)	Std Duration	Count	Female	Male
0	0.3200	0.4526	14	29.23	32.52	14	14	0
1	0.8835	0.5284	14	26.73	27.15	14	1	13
2	0.5900	—	1	1305.50	—	1	0	1

Pair plot Analysis for uncovering hidden patterns



● Cluster 1 (Orange) Dominated by Female participants: separated on Gender.
Lower QoE scores: density is skewed left (around ~0.3–0.6).
Relatively short sessions with few outliers
Tightly grouped in mid-age range (30–45)
Appears around midday hours

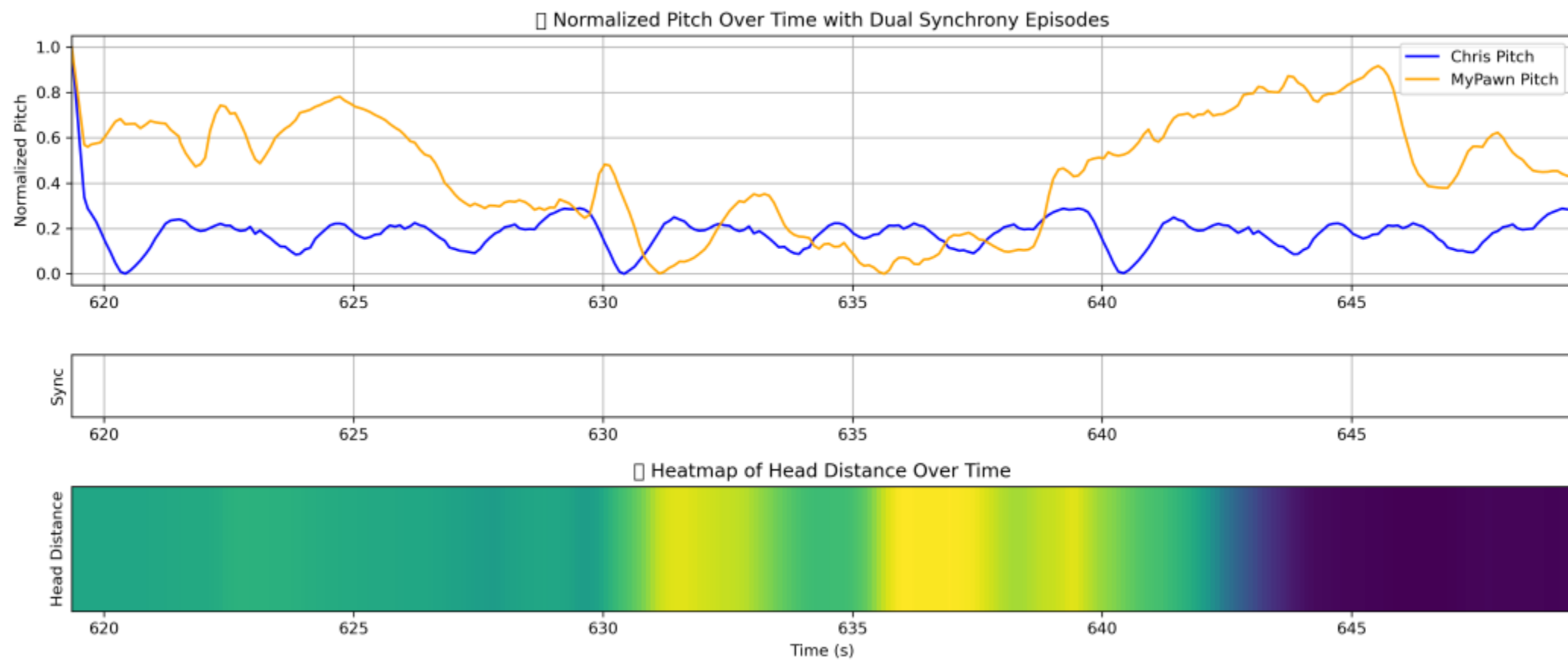
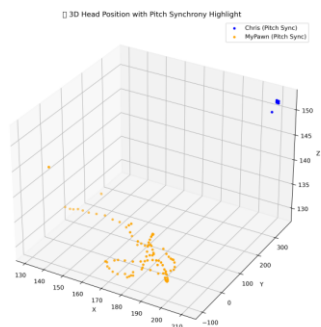
This may represent female users who had shorter sessions and rated the experience lower.

● Cluster 0 (Green)

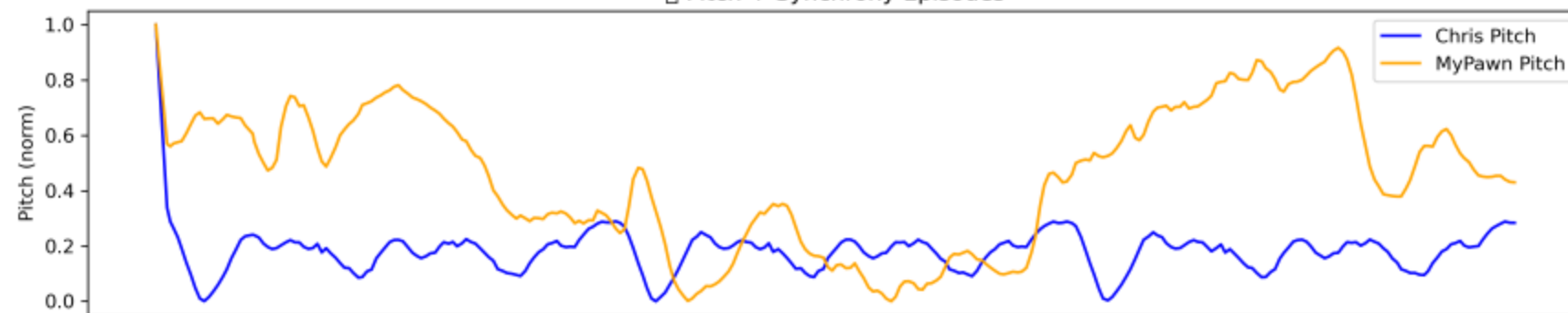
- Primarily Male
- Higher QoE scores: clear density peak >1
- Broader age range, more variation in session duration
- Sessions happen across more time slots (hours)

Likely represents males who had a better experience, with a broader time spread.

● Cluster 2 (Blue) Tiny, possibly an outlier cluster
Only a few points — very extreme values, especially in Session Duration
Scattered across other dimensions
This might be an artifact cluster capturing outliers, like the one with >1300 minutes of duration.



□ Pitch + Synchrony Episodes



Dual Synchrony %: 0.00%
Avg Pitch Diff: 90.6°
Avg Yaw Diff: 104.8°
Avg Head Dist: 383.15 units
Synchrony Episodes: 0

