

# **Eye Tracking Analysis Report**

**Session: Session\_20250610\_184239**

Generated: 2025-06-28 06:08:15

# **Condition Summary**

## **Primary Findings:**

- Normal Eye Movement (high confidence)  
No significant abnormalities detected in eye movement patterns.

## **Recommendations:**

- [LOW] Continue current eye care routine, no specific recommendations needed

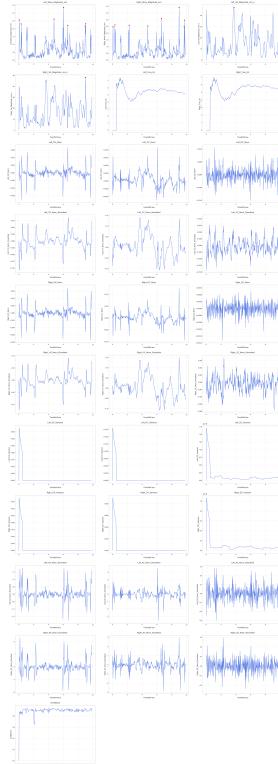
# Detailed Analysis

Metric	Left Eye	Right Eye	Interpretation
Movement Velocity (mm/s)	14.7	15.1	Low velocity may indicate fatigue or neurological impairment
Movement Frequency (Hz)	5.0	5.0	High frequency may indicate nystagmus or other oscillatory conditions
Position Variance	0.001	0.001	High variance indicates tremor, instability, or poor tracking ability

## Statistical Summary

	mean	std	min	50%	max	IQR	Outlier_Count
Index	165.0	95.12	1.0	165.0	320.0	164.0	0.0
TotalTime	5.16	2.95	0.14	5.18	10.25	5.04	0.0
TimeWithFace	4.73	2.94	0.0	4.74	9.82	5.04	0.0
Left_Move_Magnitude_mm	0.59	0.52	0.0	Enhanced Statistics	3.36	0.54	7.0
Right_Move_Magnitude_mm	0.6	0.57	0.0	0.44	3.92	0.56	8.0
Left_Vel_Magnitude_mm_s	14.7	10.78	0.0	12.24	47.25	15.45	1.0
Right_Vel_Magnitude_mm_s	15.1	10.85	0.0	12.46	48.2	16.18	1.0
Left_Freq_Hz	5.0	1.69	0.0	5.52	7.47	0.57	0.0
Right_Freq_Hz	4.96	1.69	0.0	5.61	6.97	1.06	0.0
Left_DX_Norm	-0.0	0.0	-0.01	0.0	0.01	0.0	0.0
Left_DY_Norm	0.0	0.0	-0.01	0.0	0.01	0.0	0.0
Left_DZ_Norm	-0.0	0.0	-0.0	-0.0	0.0	0.0	0.0
Left_VX_Norm_Smoothed	-0.0	0.03	-0.11	-0.0	0.09	0.02	0.0
Left_VY_Norm_Smoothed	0.01	0.05	-0.11	0.0	0.14	0.05	0.0
Left_VZ_Norm_Smoothed	-0.0	0.0	-0.01	-0.0	0.01	0.0	0.0
Right_DX_Norm	-0.0	0.0	-0.01	-0.0	0.01	0.0	0.0
Right_DY_Norm	0.0	0.0	-0.01	0.0	0.01	0.0	0.0
Right_DZ_Norm	-0.0	0.0	-0.0	0.0	0.0	0.0	0.0
Right_VX_Norm_Smoothed	-0.0	0.03	-0.12	-0.0	0.09	0.02	0.0
Right_VY_Norm_Smoothed	0.01	0.05	-0.11	0.0	0.15	0.05	0.0
Right_VZ_Norm_Smoothed	-0.0	0.0	-0.01	-0.0	0.01	0.0	0.0
Left_DX_Variance	0.0	0.01	0.0	0.0	0.04	0.0	0.0
Left_DY_Variance	0.0	0.0	0.0	0.0	0.02	0.0	0.0
Left_DZ_Variance	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right_DX_Variance	0.0	0.01	0.0	0.0	0.04	0.0	0.0
Right_DY_Variance	0.0	0.0	0.0	0.0	0.01	0.0	0.0
Right_DZ_Variance	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left_AX_Norm_Smoothed	0.02	0.42	-1.78	-0.02	1.78	0.25	0.0
Left_AY_Norm_Smoothed	0.0	0.55	-3.59	0.0	3.6	0.38	0.0
Left_AZ_Norm_Smoothed	0.0	0.09	-0.3	0.0	0.29	0.09	0.0
Right_AX_Norm_Smoothed	0.02	0.46	-1.88	-0.0	2.29	0.25	0.0
Right_AY_Norm_Smoothed	-0.01	0.55	-2.82	0.0	2.94	0.44	0.0
Right_AZ_Norm_Smoothed	0.0	0.07	-0.25	0.0	0.29	0.09	0.0
Confidence	0.86	0.18	0.0	0.9	0.94	0.03	0.0
Label	0.0	0.0	0.0	0.0	0.0	0.0	0.0

## Feature Trends



## Feature Correlations

