

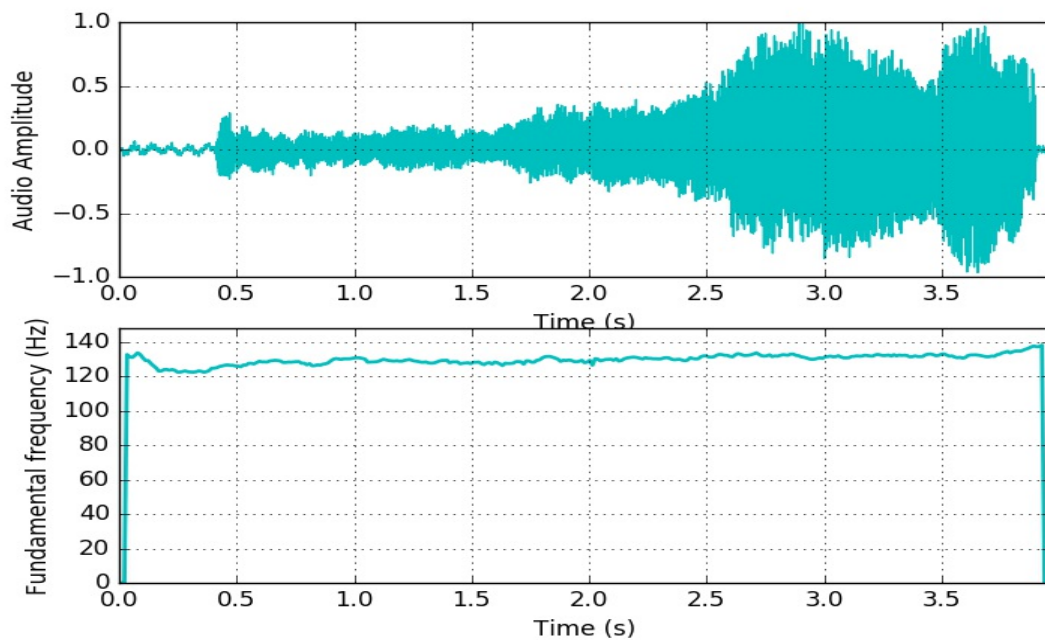
NEURO SPEECH

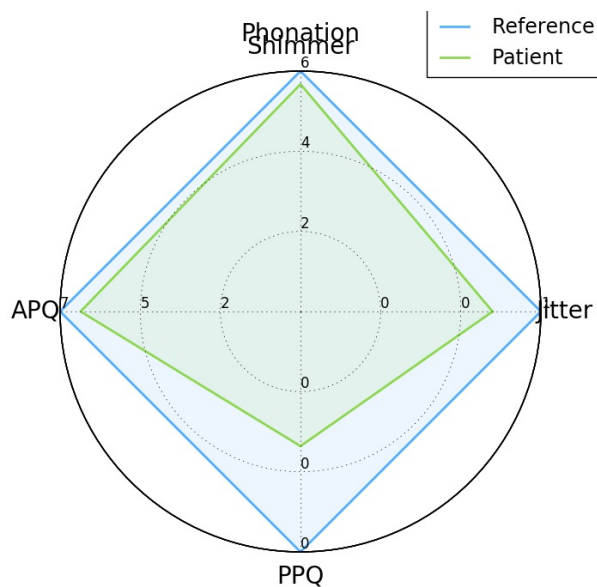


1. Paciente

- Nombre:
- Apellido:

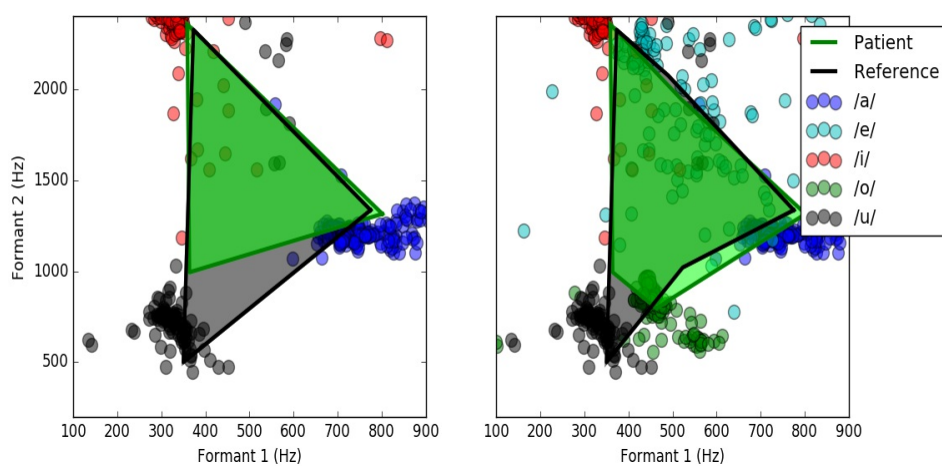
2. Análisis de Fonación

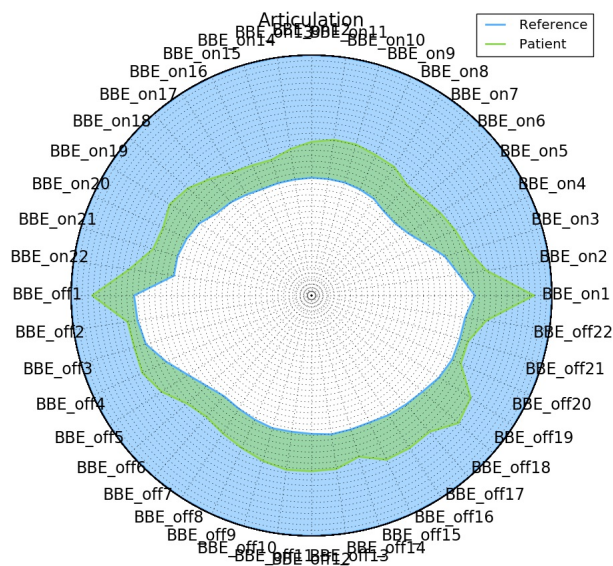




| Característica | Valor | Referencia |
|----------------|-------|--------------|
| Jitter (%) | 0.96 | 0.00→ 1.20 |
| Shimmer (%) | 5.96 | 2.80→ 6.30 |
| APQ | 7.05 | 3.10→ 7.70 |
| PPQ | 0.24 | 0.00→ 0.43 |
| Energy (dB) | 8.26 | 12.70→ 17.20 |

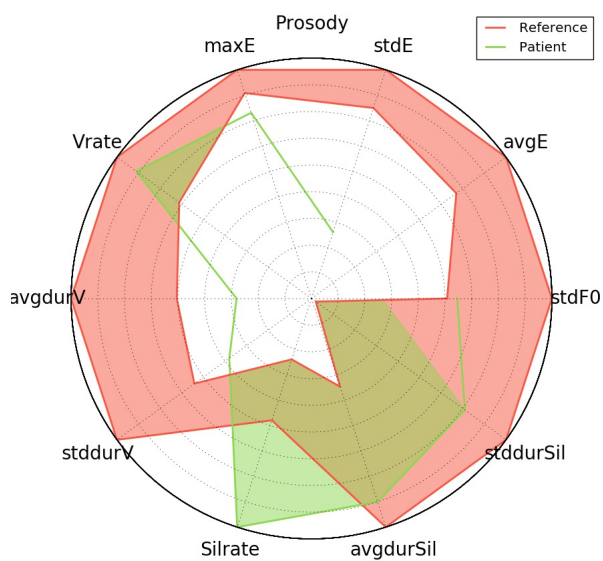
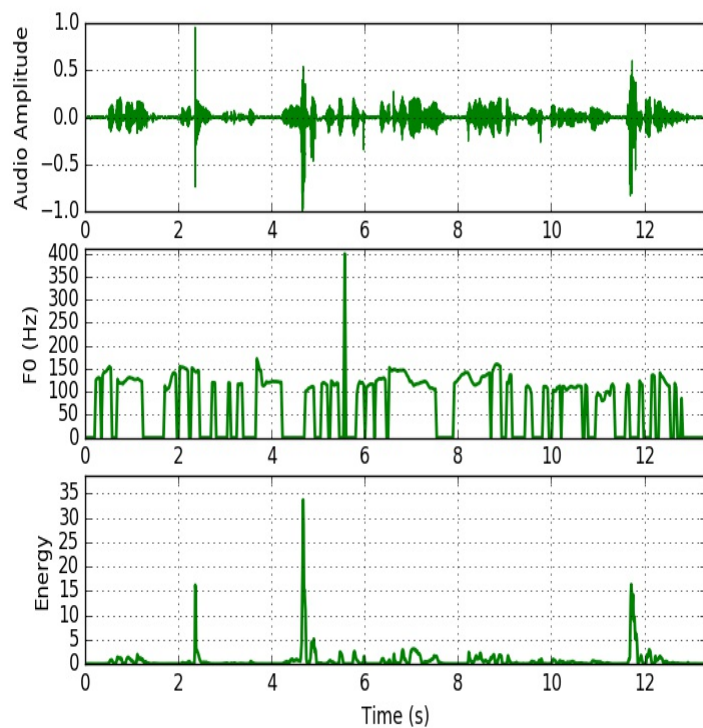
2. Análisis de Articulación





| Característica | Valor | Referencia |
|----------------|-----------|-----------------|
| F1/a/ (Hz) | 801.73 | 643→ 908 |
| F2/a/ (Hz) | 1314.27 | 1160→ 1510 |
| F1/i/ (Hz) | 358.74 | 275→ 470 |
| F2/i/ (Hz) | 2354.89 | 2100→ 2550 |
| F1/u/ (Hz) | 364.15 | 350→ 490 |
| F2/u/ (Hz) | 994.07 | 600→ 1600 |
| VSA (Hz2) | 792407.20 | 534000→ 1073000 |
| FCR | 0.96 | 0.84→ 1.27 |

3. Análisis de Prosodia



Característica

Valor

Referencia

Voiced Rate (1/s)

2.25

1.7 → 2.5

Avg. Dur. Voiced (ms)

162.41

292 → 521

Std. Dur. Voiced (ms)

146.61

209 → 347

Sil Rate (1/s)

1.13

0.3 → 0.6

Avg. Dur. Silence (ms)

486.57

211 → 547

Std. Dur. Silence (ms)

213.75

6 → 271

Avg. Energy (dB)

-1.82

7.0 → 9.4

Std. Energy (dB)

3.13

16.9 → 18.8

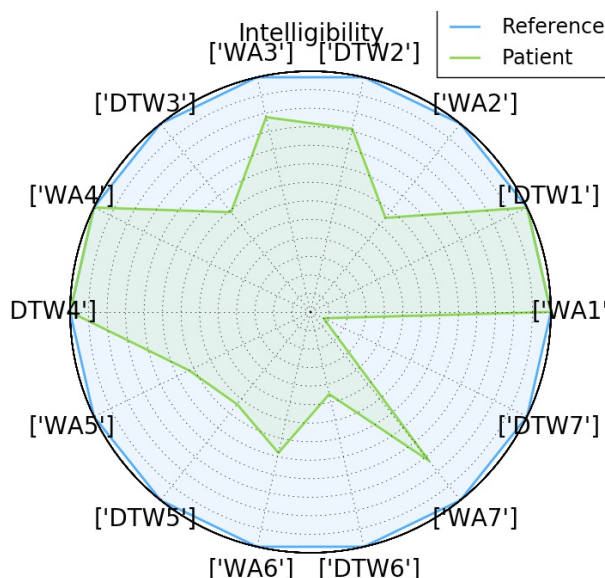
Avg. F0 (Hz)

124.33

142 → 229

| Característica | Valor | Referencia |
|----------------|-------|------------|
| Std. F0 (Hz) | 23.63 | 22→ 38 |

4. Análisis de Inteligibilidad



| Característica | Valor | Referencia |
|----------------|----------|------------|
| Word Accuracy | 0.754286 | 0.85→ 1.0 |
| Sim DTW | 0.601429 | 0.9→ 1.0 |

5. Nivel de disartria de acuerdo con la escala Frenchay modificada

| Característica | Valor | Referencia |
|------------------------|-------|------------|
| Respiration capability | 3.0 | 0→ 4 |
| Lips movement | 1.0 | 0→ 4 |
| Palate movement | 3.0 | 0→ 4 |
| Larinx movement | 2.0 | 0→ 4 |
| Tongue velocity | 3.0 | 0→ 4 |
| Intelligibility | 1.0 | 0→ 4 |
| Total m-FDA | 10.0 | 0→ 52 |
| Total MDS-UPDRS-III | 5.0 | 0→ 128 |

