# Overview: 2019 Clients

BY MEASURE

# Click stimuli

- In 5 years, never had a client with no Wave V to clicks
- Generally, click responses tell very little because clicks are nearly the same in “normals” versus “abnormals”
- “Abnormals” have lower values, but usually very small difference

- Clicks performed mainly to verify Wave V is present before continuing to cABR/FFR

"Normals" :Comparison of Wave V Latency to Clicks with Inter-trial Correlation (N = 30)

Notice how the data cluster tightly:

Latency:

Range = 5.23 to 6.30 msec

Average = 5.91, SD = 0.23

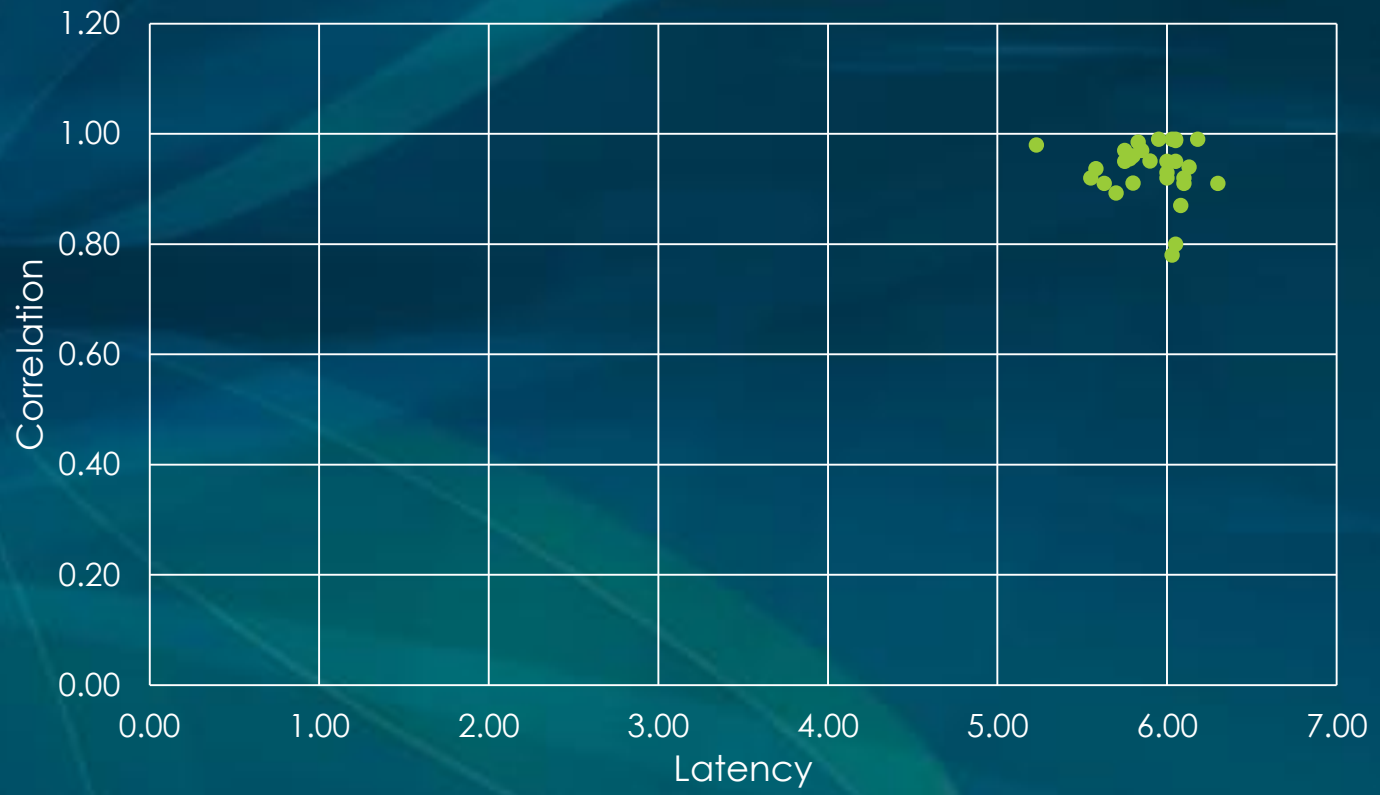
2 SD cutoff = 6.35 or greater

Correlation:

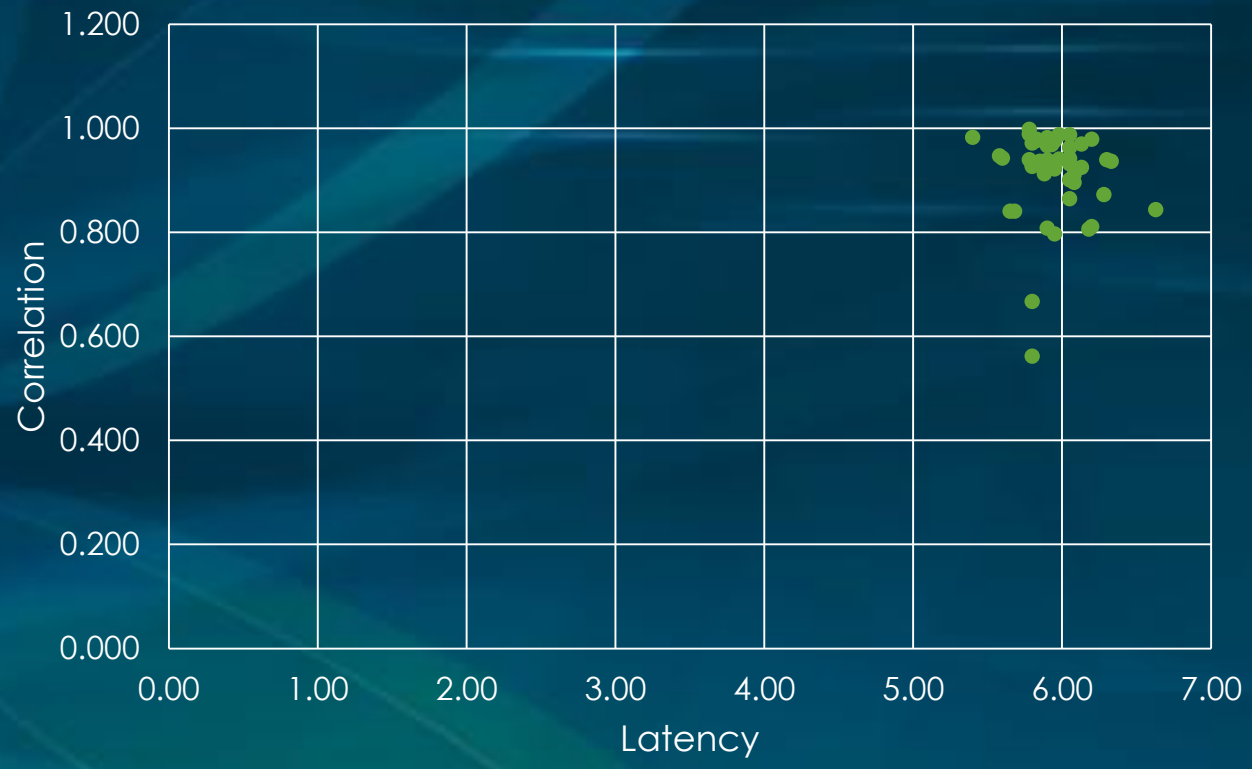
Range: 0.78 to 0.99

Average = 0.94, SD = 0.05

2SD cutoff = 0.83 or lower

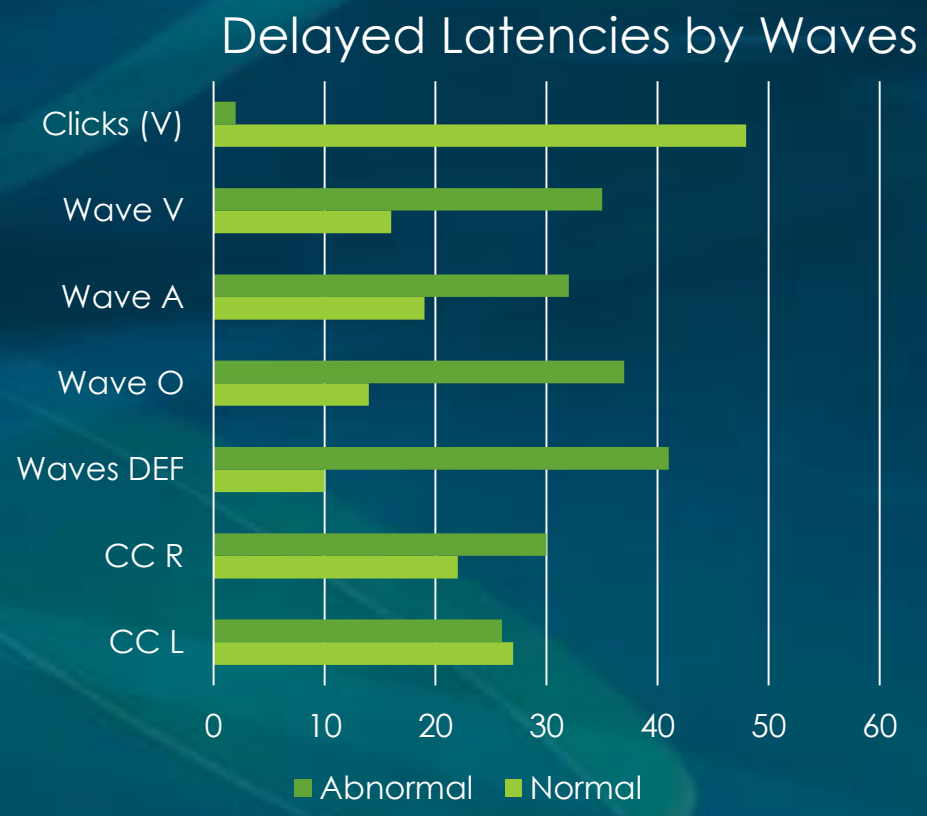


- Abnormals: Wave V Clicks
- Latency vs Correlation (N=49)
- Data also cluster
- Latency
  - Range = 5.40 to 6.63
  - Average = 5.95; SD = .21
  - Cutoff: 6.37 msec or greater
- Correlation
  - Range = 0.78 to 0.99
  - Average = 0.92; SD = 0.08
  - Cutoff: 0.740 or less



# 40 msec DA delayed waves

- While clicks were overwhelmingly WNL,
- 40 msec DA waves showed many abnormal latencies



# 180 msec GA and BA

- Pitch Error GA
  - Range: 0.94 to 16.75 Hz
  - Cutoff: 1.72 Hz
- Pitch Error BA
  - Range 0.47 to 20.42 Hz
  - Cutoff: 1.72 Hz
- S-R GA
  - Range: 0.030 to 0.690
  - Cutoff: 0.423
- S-R BA
  - Range 0.066 to 0.646
  - Cutoff: 0.423

# 180 msec GA and BA Cross Correlation/Cross Phaseogram

- CC GA 15 to 60 msec
  - Range 0.083 to 0.895
- CC GA 70-150 msec
  - Range: 0.019 to 0.850
- CC BA 15 to 60 msec
  - Range: 0.030 to 0.873
- CC BA 70 to 150 msec
  - Range: 0.071 to 0.877
- CrossP 15 to 60
  - Range:-1.053 to 1.59
- Cross P: 70 to 150
  - Range: -0.131 to 0.653