# Analysis description for AXCPT kids.

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Peak detection

## Cue

### Epoching

Epoch length -500: 1950 msec. Baseline removal -500 to 0 ms.

### Peak detection (mean)

CNV limits : 1800 -1900 msec

Dias 2013, defined CNV as interval 1200-1250 ms, when the ISI was 1390 msec

Our internval is 2000 ms, so CNV 1800-1900 ms.

N1: 80-160 ms, (topoplot As 132.8ms)

AX: 132.8 ms

AY: 125 ms

BX: 125 ms

BY: 128.9 ms

P2: 160-280ms (topoplot As 199.2ms)

AX: 191.4 ms

AY: 195.4

Bx: 199.2

By: 207

N2: 250-400 ms (topoplot As 332ms)

AX: 347 ms

AY: 332

Bx: 328.1

By: 328.1

There is P3 peak 308.6 ms

Late Pos: 500-1300ms (topoplot 700ms)

AX: 1059

AY: 1051

Bx: 1094

By: 1156

Late Pos every 100 msec

LatPos1: 500 -600 ms

LatPos2: 600 -700 ms

LatPos3: 700-800 ms

LatPos4: 800-900 ms

LatPos5: 900-1000 ms

LatPos6: 1000-1100 ms

LatPos7: 1100-1200 ms

LatPos8: 1200 -1300 ms

## Probe

### Epoching

Epoch length was 1500 to 3300 msec from cue trigger. Baseline removal was 1500 to 2000 ms.

So in respect to probe trigger (-500 to 1500 msec, with baseline removal -500 to 0, 0 is the probe).

### Peak detection (mean)

N1-P1 80:160 msec, 120 ms for topoplot

P2: AX 150-250 ms

AY: 191.4

Bx: 195.3

BY: 183.6

N2: 250-400ms

AX: 320.3

AY: 304.7

BX: 320.3

BY: 332

Late positivity (P3) 400 – 1100 ms

As vs Bs

Late positivity 300 -1100 mse