







Figure 4: Group 2 (GA 28--31 weeks) tested with Bayley mental-II.

Panel A, B, C and D show $\ln tABP$ in the different frequency bands (δ , θ , α , β bands) on Day 1, Day 2 and Day 3. The results are shown as the mean \pm SEM of the median $\ln tABP$. The solid line shows the results for infants with normal outcomes and the broken line for infants with abnormal outcomes.

There are no significant differences in $\ln tABP$ between infants with normal and abnormal outcomes at 2 year corrected age in any of the frequency bands.

Figure 5: Group 2 (GA 28--31 weeks) tested with Bayley motor-II.

Panel A, B, C and D show $\ln tABP$ in the different frequency bands (δ , θ , α , β bands) on Day 1, Day 2 and Day 3. The results are shown as the mean \pm SEM of the median $\ln tABP$. The solid line shows the results for infants with normal outcomes and the broken line for infants with abnormal outcomes

There are no significant differences in $\ln tABP$ between infants with normal and abnormal outcomes at 2 year corrected age in any of the frequency bands

Figure 6: Group 2 (GA 28--31 weeks) tested with Peabody-2.

Panel A, B, C and D show $\ln tABP$ in the different frequency bands (δ , θ , α , β bands) on Day 1, Day 2 and Day 3. The results are shown as the mean \pm SEM of the median $\ln tABP$. The solid line shows the results for infants with normal outcomes and the broken line for infants with abnormal outcomes

There are no significant differences in $\ln tABP$ between infants with normal and abnormal outcomes at 2 year corrected age in any of the frequency bands

Table 4a-c. Sensitivity, Specificity and Predictive values of IntABP on neurological outcome at 2 years corrected age (Group 1) on days 1, 2 and 3

MDI (Bayley Mental- II)				
	Sensitivity	Specificity	PP	NP
Day 1				
δ - day1	0,50	0,87	0,60	0,81
θ - day1	0,50	0,73	0,43	0,79
α - day1	0,67	0,87	0,67	0,87
β - day1	0,33	0,93	0,67	0,78
Day 2				
δ - day2	0,67	0,80	0,57	0,86
θ - day2	0,83	0,73	0,56	0,92
α - day2	0,83	0,80	0,63	0,92
β - day2	0,67	0,87	0,67	0,87
Day 3				
δ - day3	0,50	0,87	0,60	0,81
θ - day3	0,50	0,87	0,60	0,81
α - day3	0,33	0,87	0,50	0,76
β - day3	0,50	0,87	0,60	0,81

PDI (Bayley Motor- II)

	Sensitivity	Specificity	PP	NP
Day 1				
δ - day1	0,40	0,82	0,67	0,60
θ - day1	0,40	0,73	0,57	0,57
α - day1	0,50	0,82	0,71	0,64
β - day1	0,40	0,82	0,67	0,60
Day 2				
δ - day2	0,60	0,82	0,75	0,69
θ - day2	0,60	0,73	0,67	0,67
α - day2	0,60	0,82	0,75	0,69
β - day2	0,50	0,91	0,83	0,67
Day 3				
δ - day3	0,60	0,73	0,67	0,67
θ - day3	0,50	0,82	0,71	0,64
α - day3	0,50	0,82	0,71	0,64
β - day3	0,60	0,82	0,75	0,69

TMQ (Peabody -2)

	Sensitivity	Specificity	PP	NP
Day 1				
δ - day1	0,75	0,89	0,60	0,94
θ - day1	0,50	0,72	0,29	0,87
α - day1	0,50	0,83	0,40	0,88
β - day1	0,25	0,89	0,33	0,84
Day 2				
δ - day2	1,00	0,78	0,50	1,00
θ - day2	1,00	0,72	0,44	1,00
α - day2	1,00	0,78	0,50	1,00
β - day2	1,00	0,89	0,67	1,00
Day 3				
δ - day3	0,75	0,89	0,60	0,94
θ - day3	0,75	0,89	0,69	0,94
α - day3	0,50	0,89	0,50	0,89
β - day3	0,75	0,83	0,50	0,94