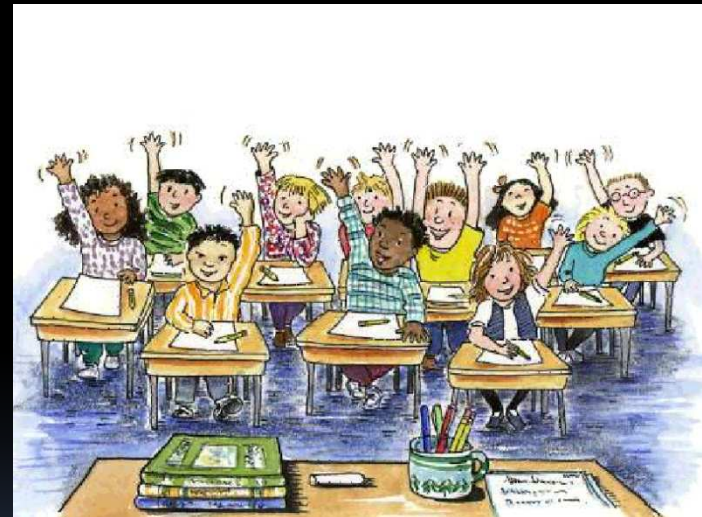


SCHOOL PERFORMANCES IN CHILDREN WITH STEROID SENSITIVE NEPHROTIC SYNDROM



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STEROID SENSITIVE NEPHROTIC SYNDROME

Chronic disease: several years, relapses = 80%

During relapse :

no hospitalisation, go to school (if no complication)

follow up as outpatient or by phone

Patients included:

SSNS from 6 to 16 years old (school age)

Receiving treatment:

Steroids, Levamisole, Cyclosporine A,
Mycophenolate mofetil, Cyclophosphamide,
Rituximab.

THE STUDY

- 2 aims :

Evaluate **school level**, in comparison with other pupils of the same class room

Evaluate days of **absence** in comparison with days in **relapse**

- Sept 2007-June 2008 : 53 questionnaires **sent**,
26 answers (**49%**) (-1=25)

- Sept 2008-June 2009 : 34 **given** to parents

(allowing us to contact school) 30 answers (**88%**)

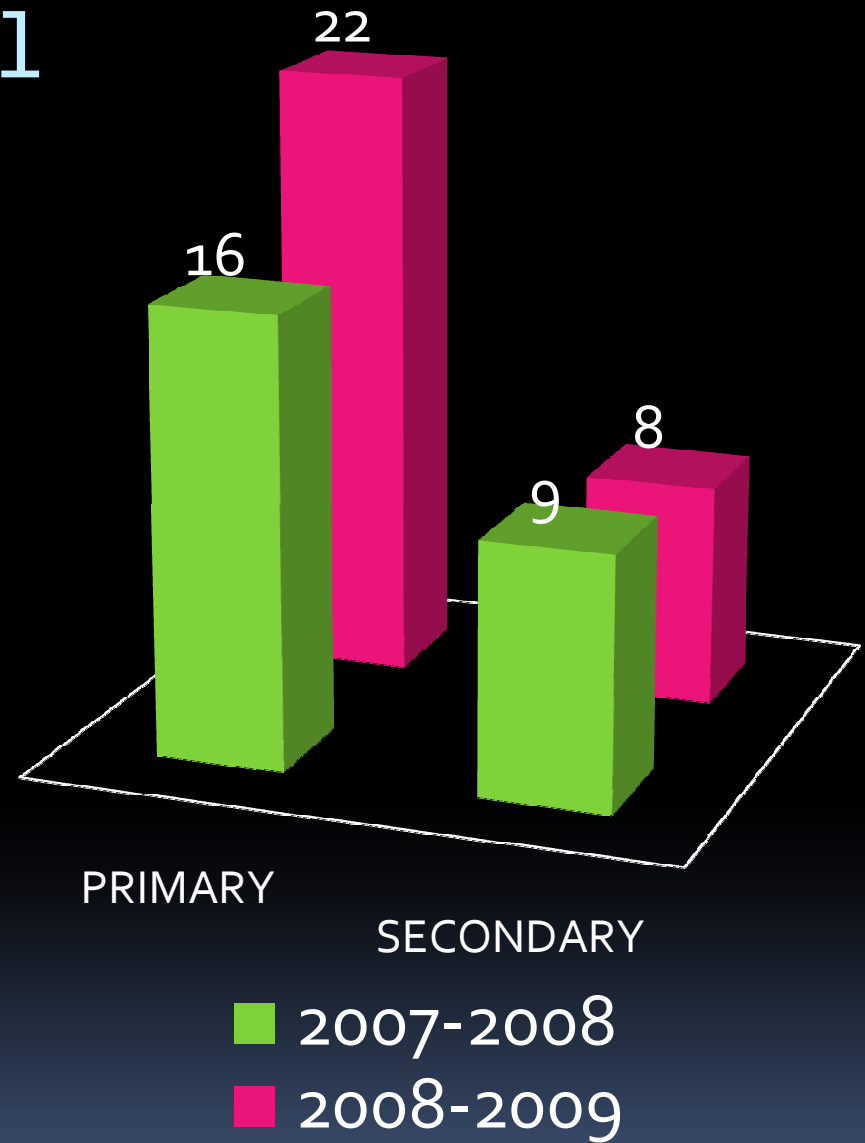
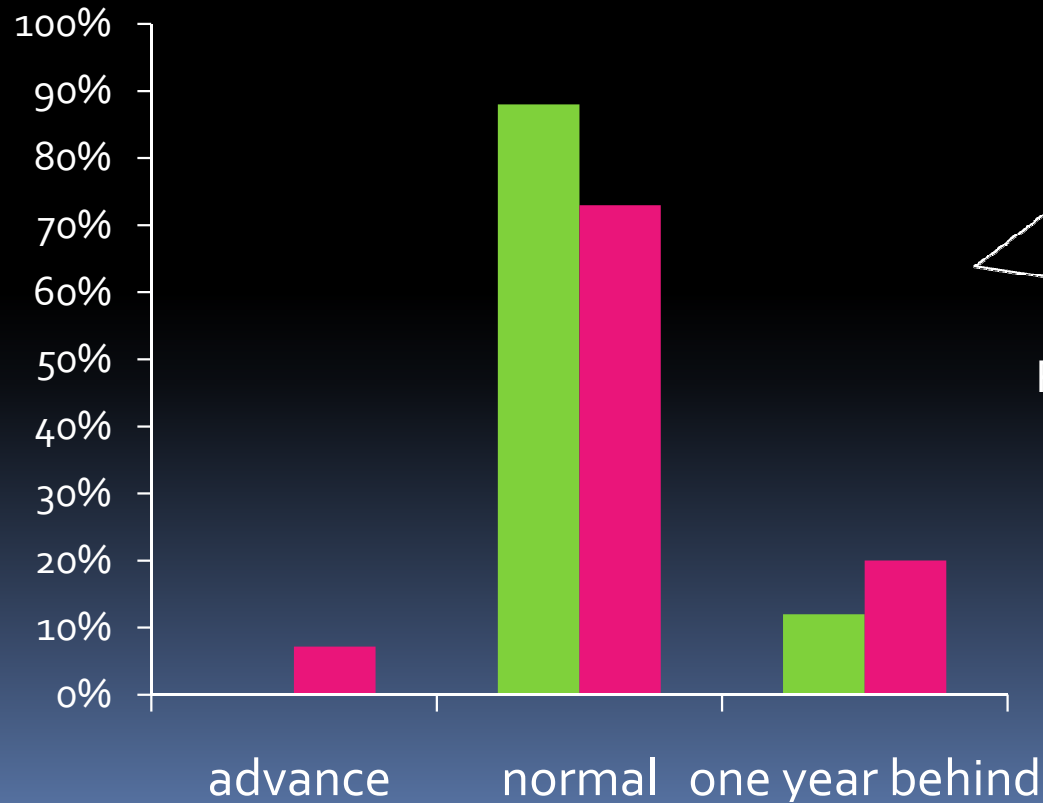
12 children included in both years. Total= 43 children

TABLE 1

	2007-2008	2009-2009
<i>Nb/gender</i>	<i>17 M / 8 F</i>	<i>20 M / 8F</i>
Age of the patients	6y 0m to 16y8 m	6y 1m to 13y 9m
Mean age	10y 2m	9y 8m
Age at beginning of SSNS	4y 4m 1y 1m to 10y 9m	4y 4m 1y 10m to 12y 7m
Nb relapses in 10 m	26 in 11 children	47 in 23 children
Days in relapse	302	776
Days per relapse (mean)	11,6	16,9
Min - Max	3 to 57	4 to 105
(median)	10,08	15,6
Hospitalisation	0	2 children (2d and 14d)
Nb days of absence (% absence/relapse)	118,5 39% (available in 20/25)	287,5 38% (available in 29/30)

Population : school

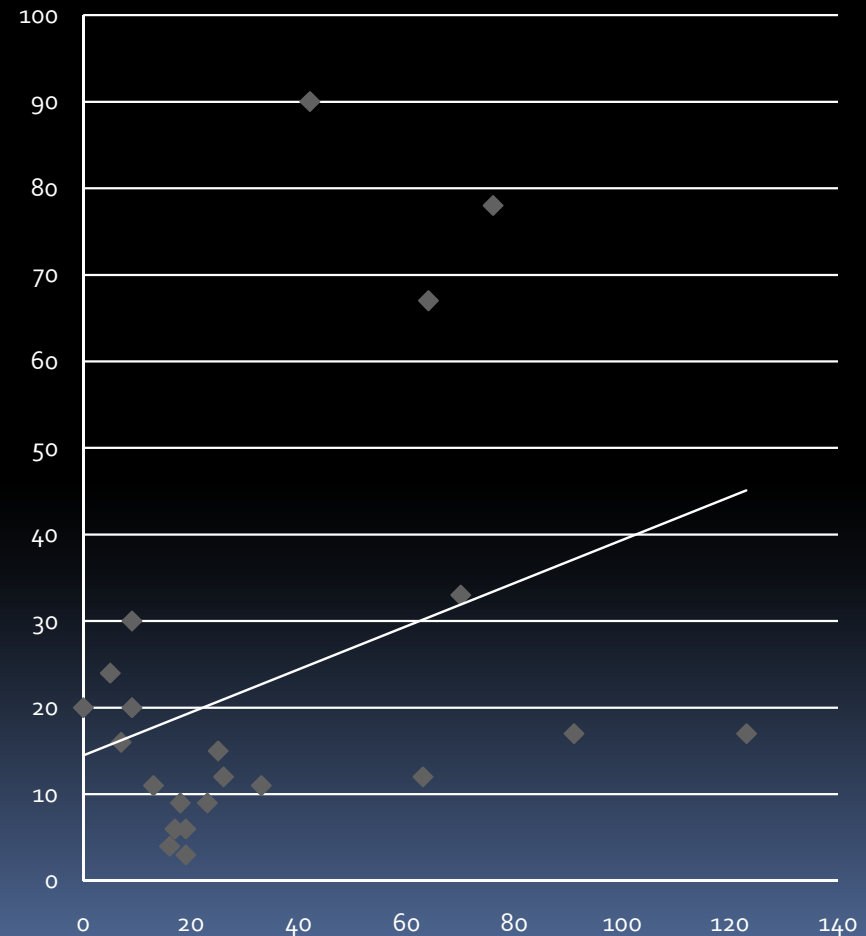
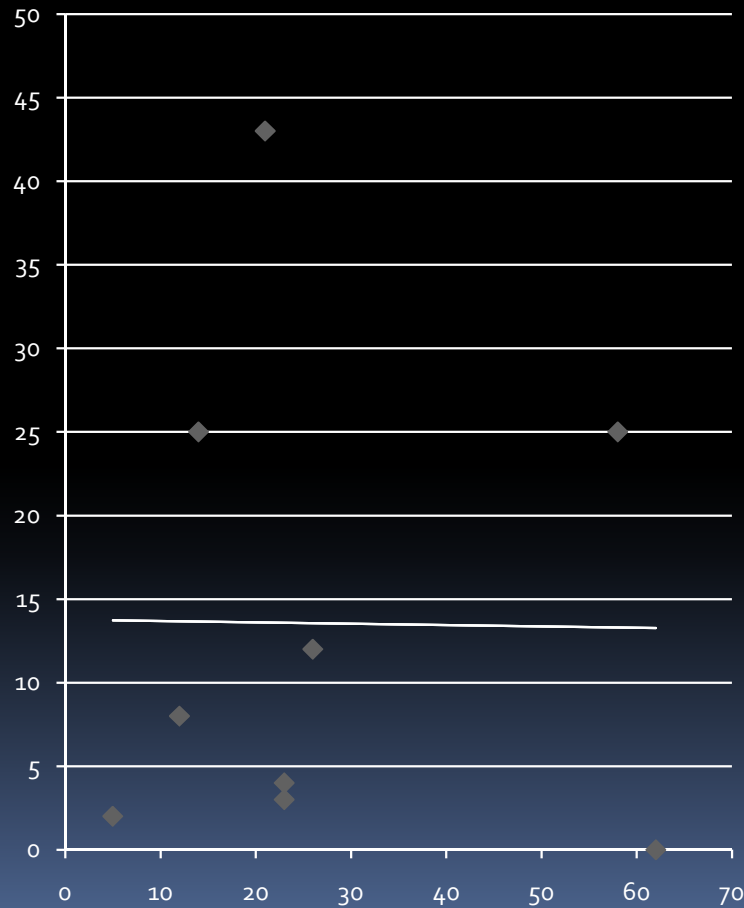
- School level
- In his class age



Days of absence (\updownarrow) is not correlated with days of relapse (\leftrightarrow) in 2007-08 and in 2008-2009

2007-2008 -0,01

2008-2009 0,33



SCHOOL PERFORMANCES

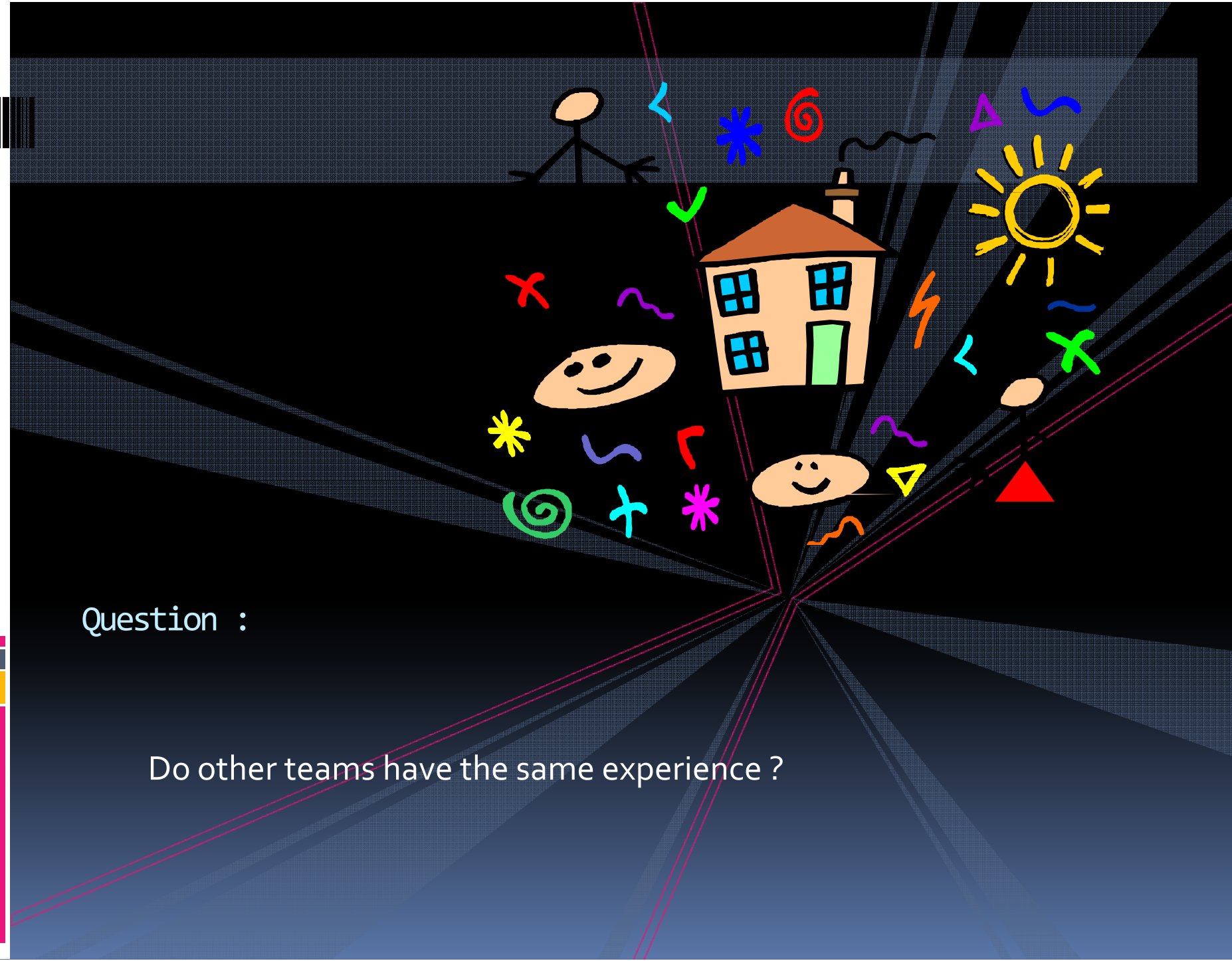
	Very low	Low	Medium	High	Very high
2007-2008	8%	16%	16%	20%	40%
2008-2009	14%	4%	18%	28%	36%
	21% under average		17% normal	62% above average	

DISCUSSION AND CONCLUSION

- Our results \neq other studies in school performances
- Low number of hospitalisations
- Rare absenteeism
- Reinforce our attitude of encouraging school attendance as much as possible
- Does steroid therapy play a positive role in intellectual abilities ?

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Question :

Do other teams have the same experience ?