

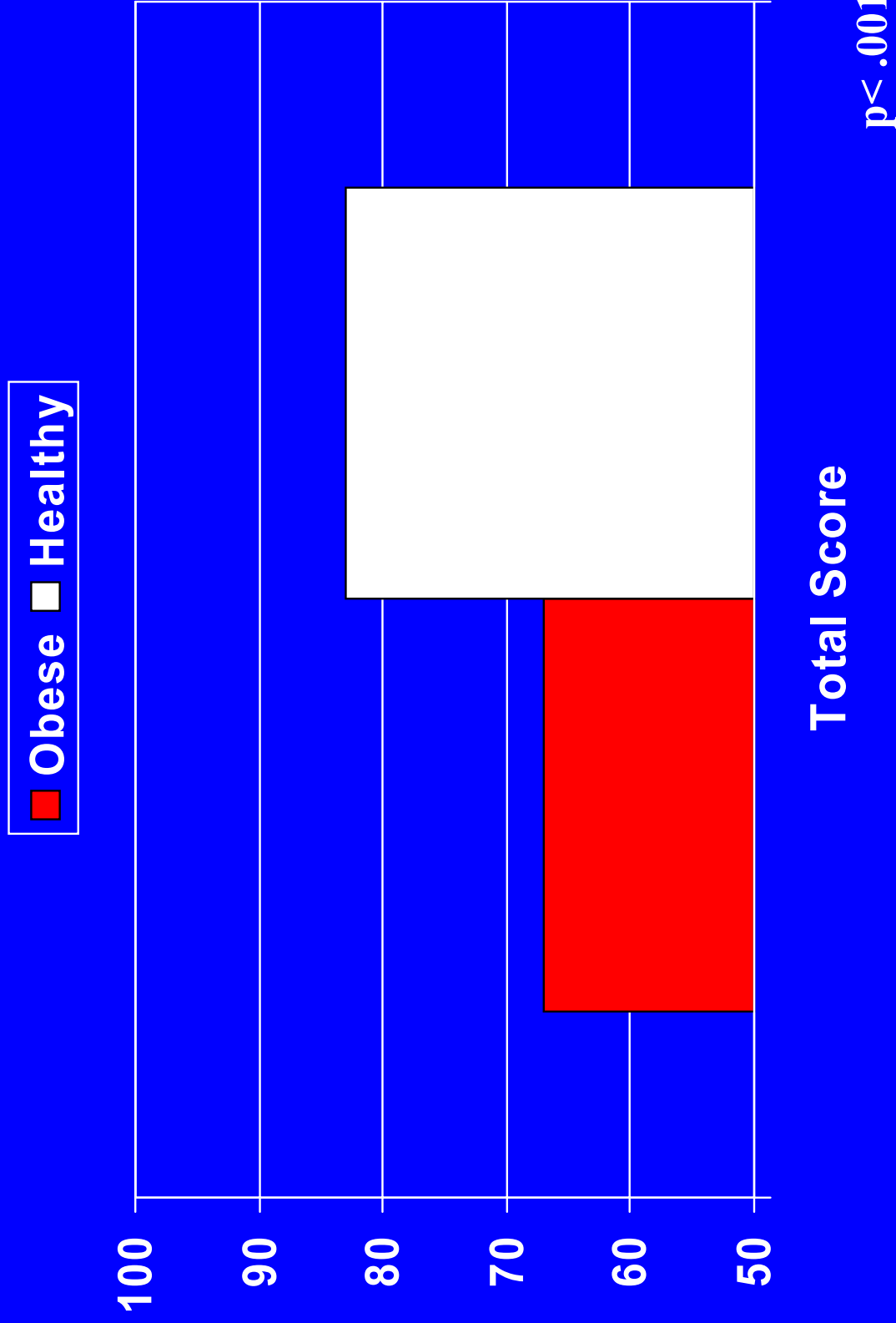
Quality of Life of Obese Children: A Race with the CLOCC

Jeffrey B. Schwimmer, M.D.
Gastroenterology, Hepatology, and Nutrition
Department of Pediatrics
University of California, San Diego
Director, Weight and Wellness
Children's Hospital and Health Center

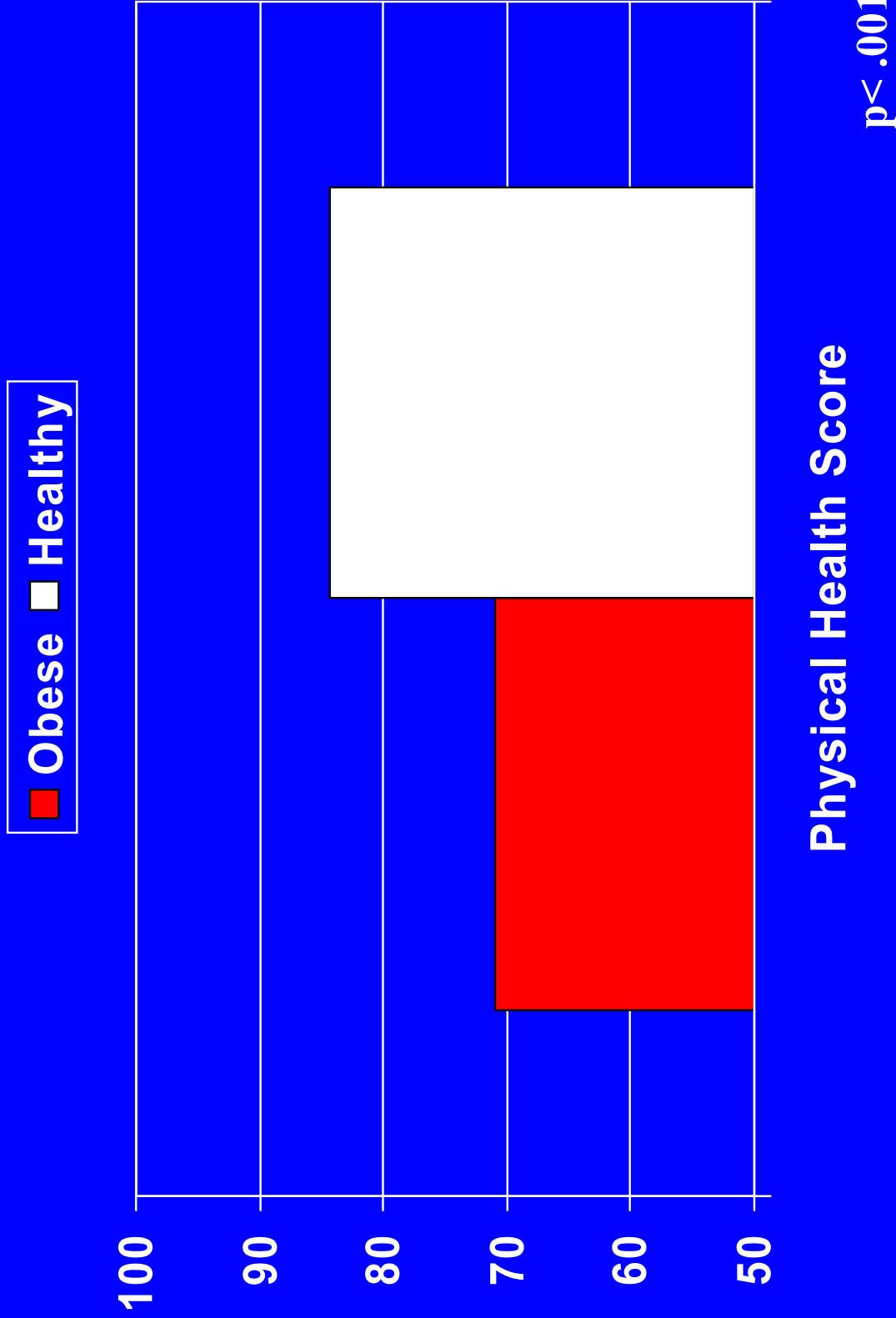
Health-related Quality of Life

- Refers not only to health status
- Multidimensional construct, encompassing emotional, physical, social and subjective feelings of well-being which reflect a child's or parent's subjective evaluation and reaction to health or illness

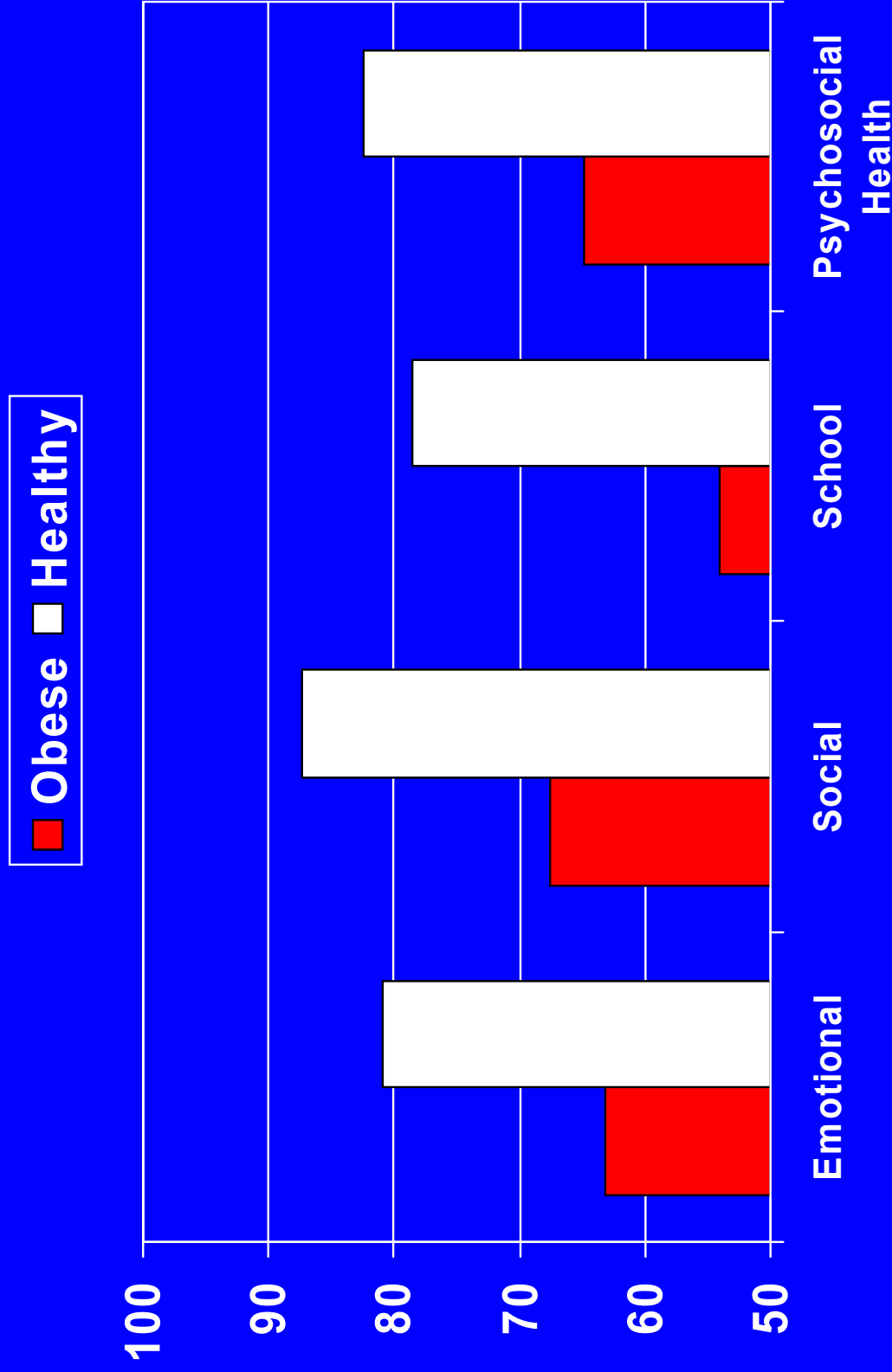
Results: Child Self-Report



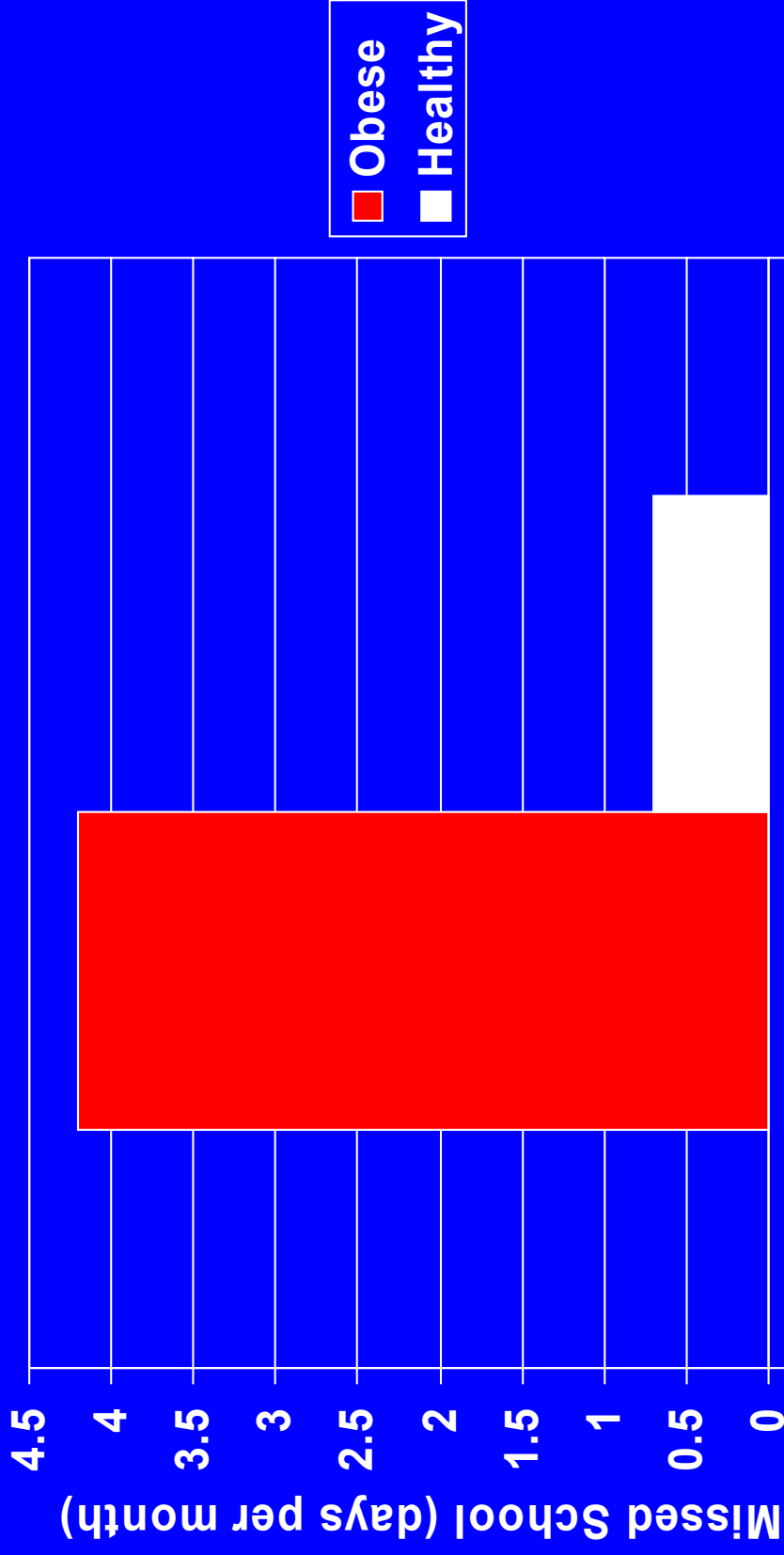
Results: Child Self-Report



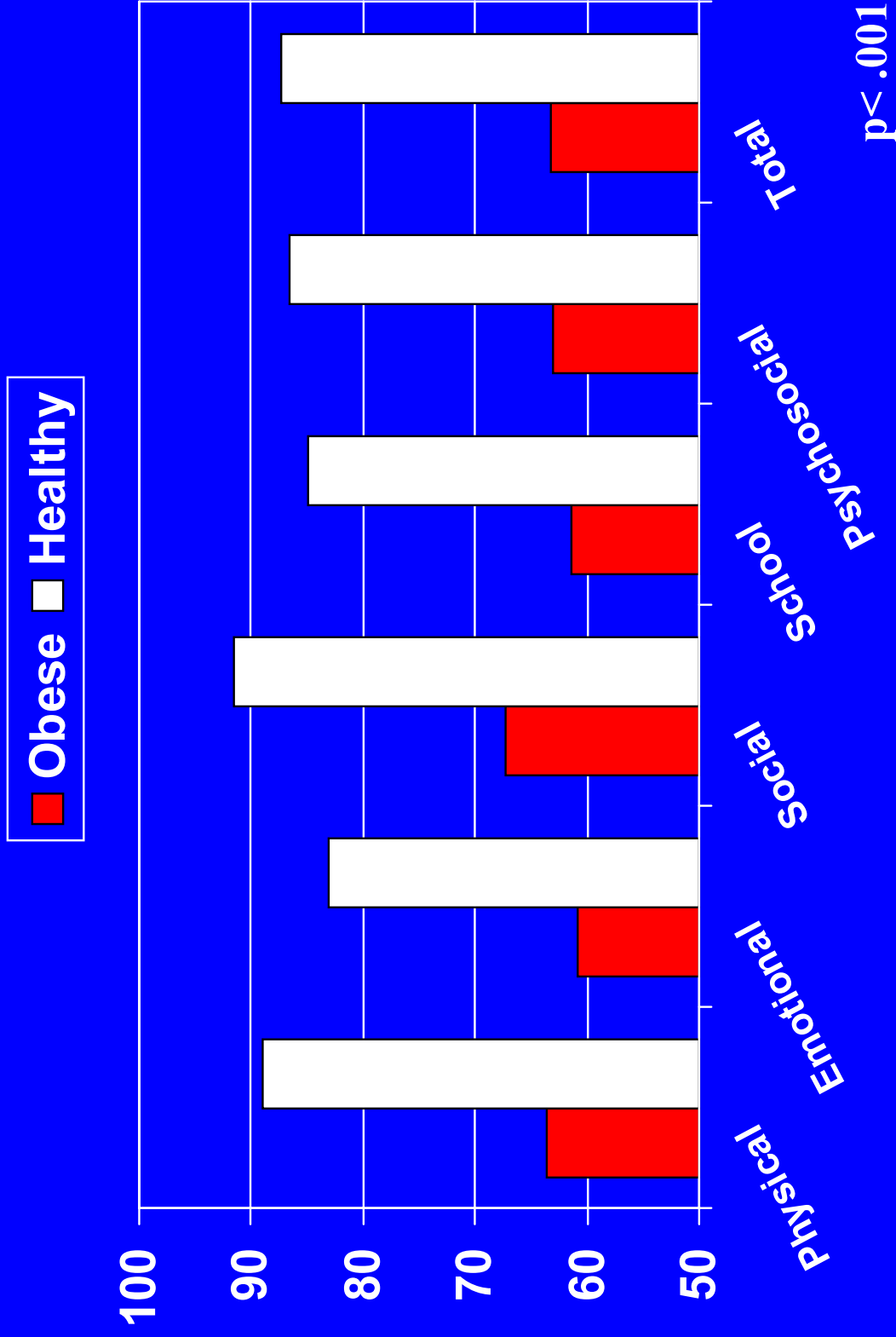
Results: Child Self-Report



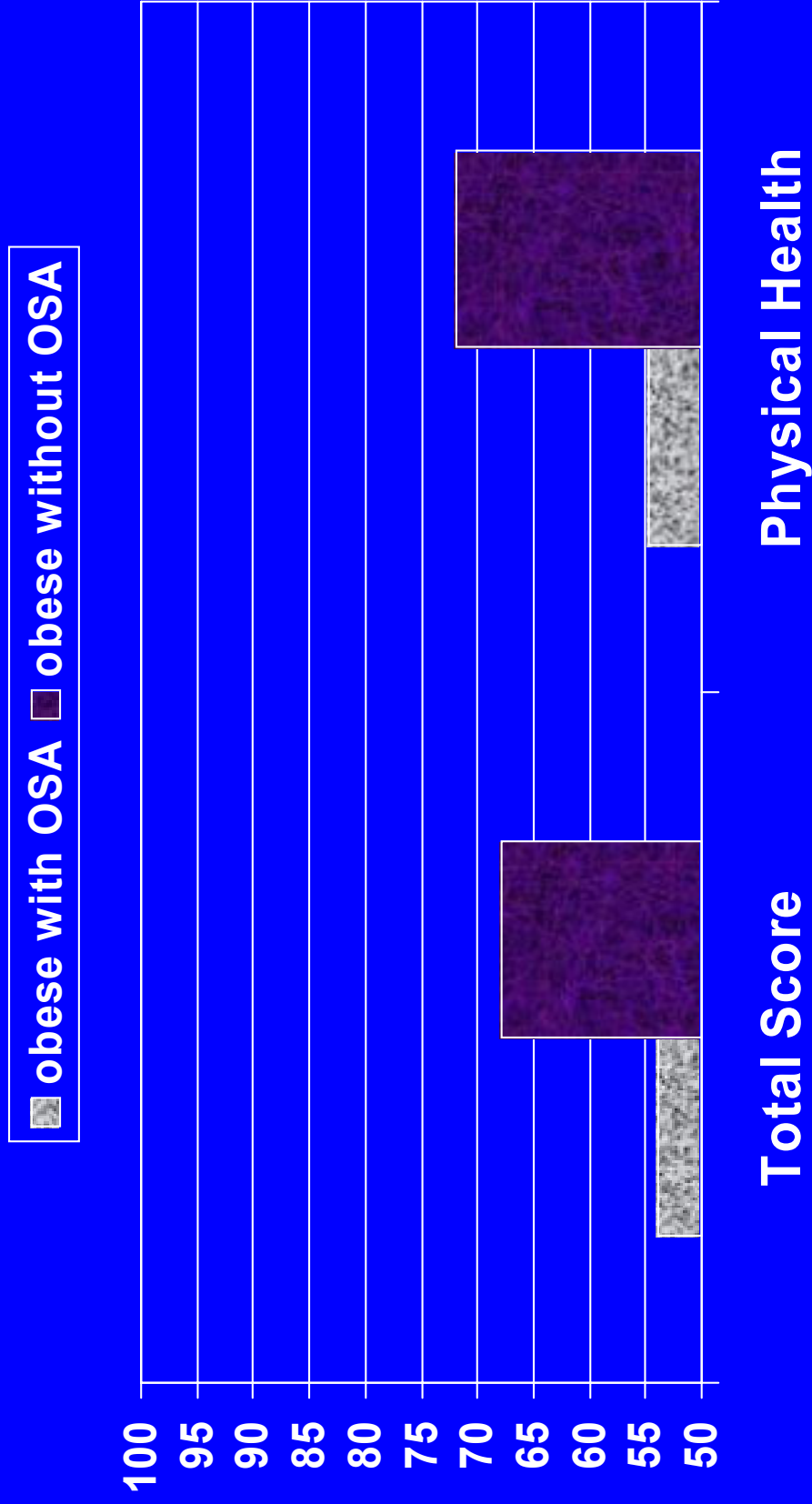
School Impact



Results: Parent Proxy-Report



Obstructive Sleep Apnea



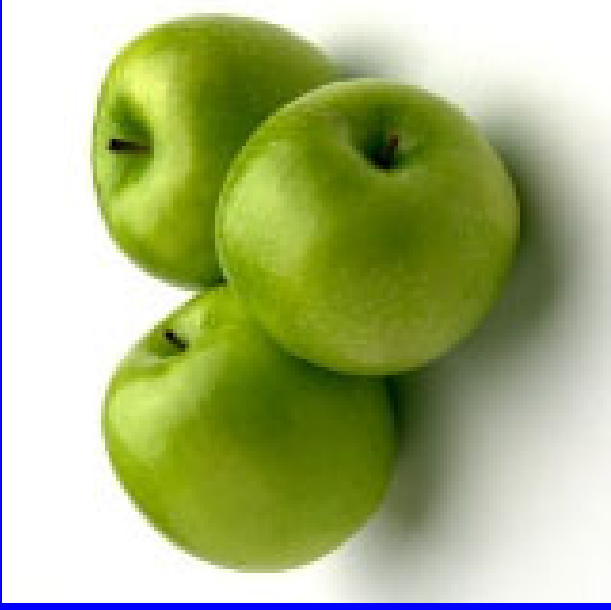
$p < 0.05$

Schwimmer et al. JAMA 289:1813-1819, 2003.

Impaired QOL: Obese vs Healthy

Child Self Report	Odds Ratio	95% CI
Total Score	5.5	3.4-8.7
Physical Functioning	5.0	3.1-8.1
Psychosocial Health	5.9	3.7-9.4
Emotional Functioning	4.3	2.7-6.8
Social Functioning	5.3	3.4-8.5
School Functioning	4.0	2.4-6.5

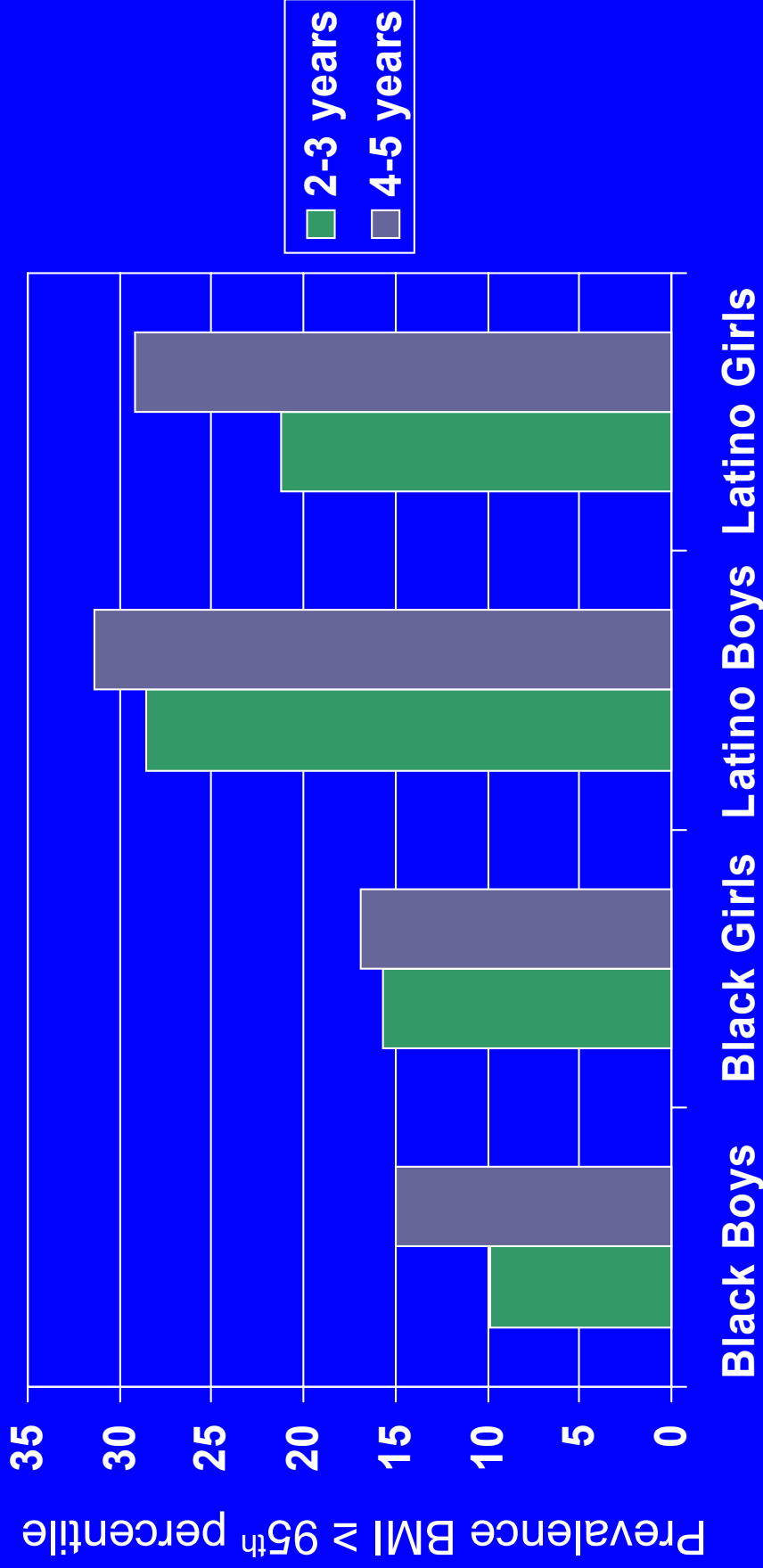
Quality of Life of
obese children and
adolescents age 5 to 18
in San Diego



Prevention of obesity
in children 0 to 5
in Chicago

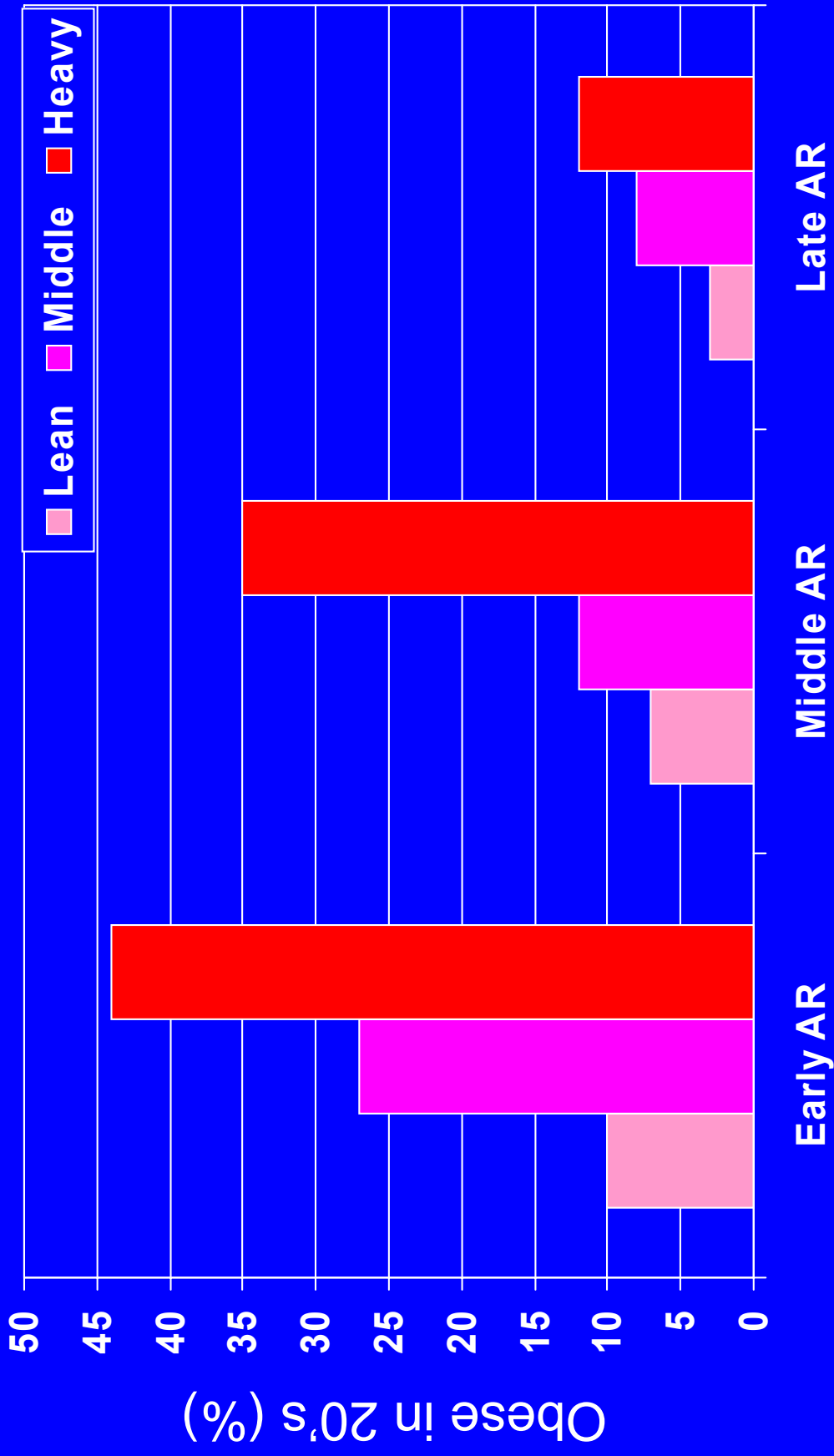


Chicago Preschool Children (Hip-Hop to Health Jr)



Adiposity Rebound

Adiposity Rebound and Obesity



Breast Feeding and Obesity

breast feeding obese at school age (OR)

None 5.6

< 2 months 4.8

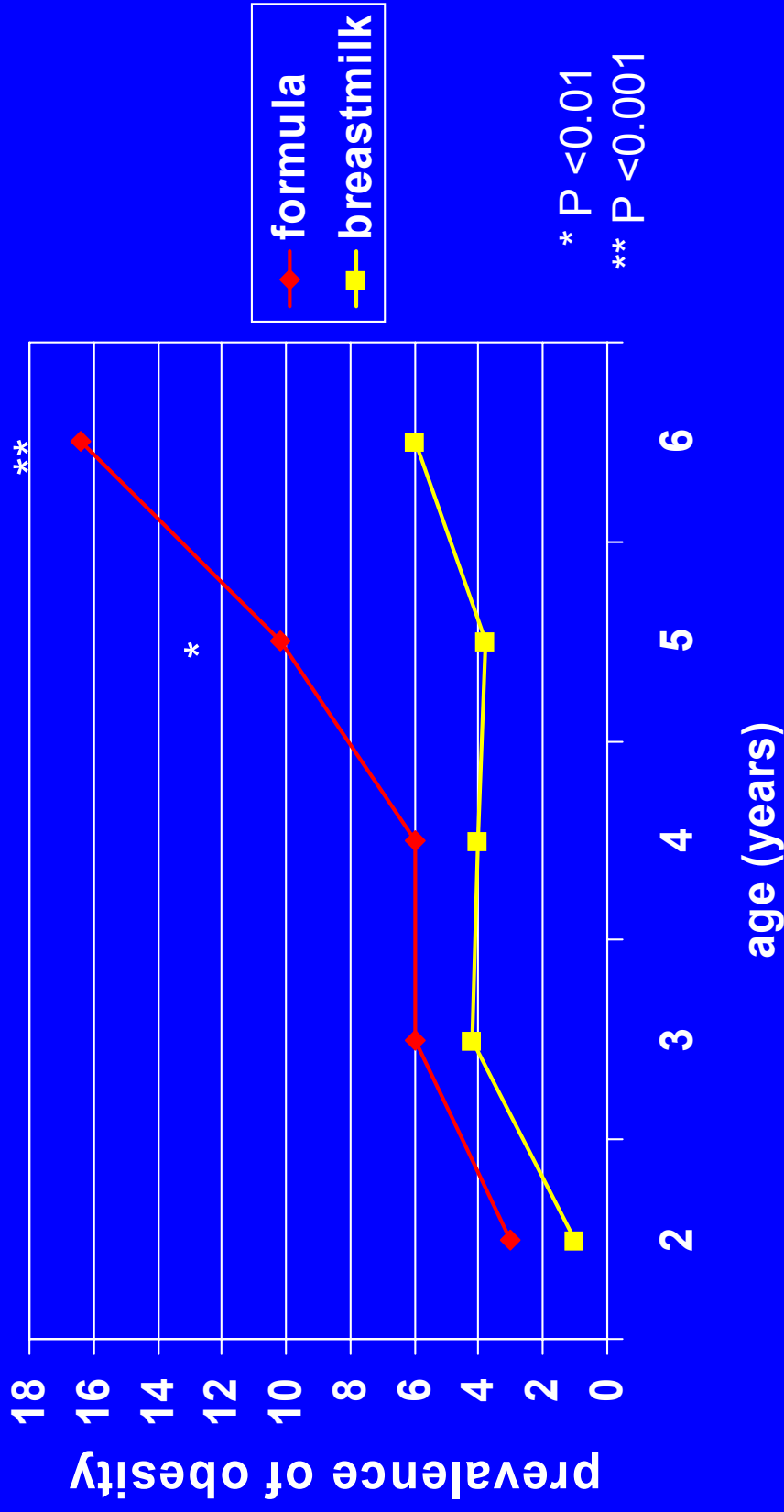
3-5 months 2.9

6-12 months 2.1

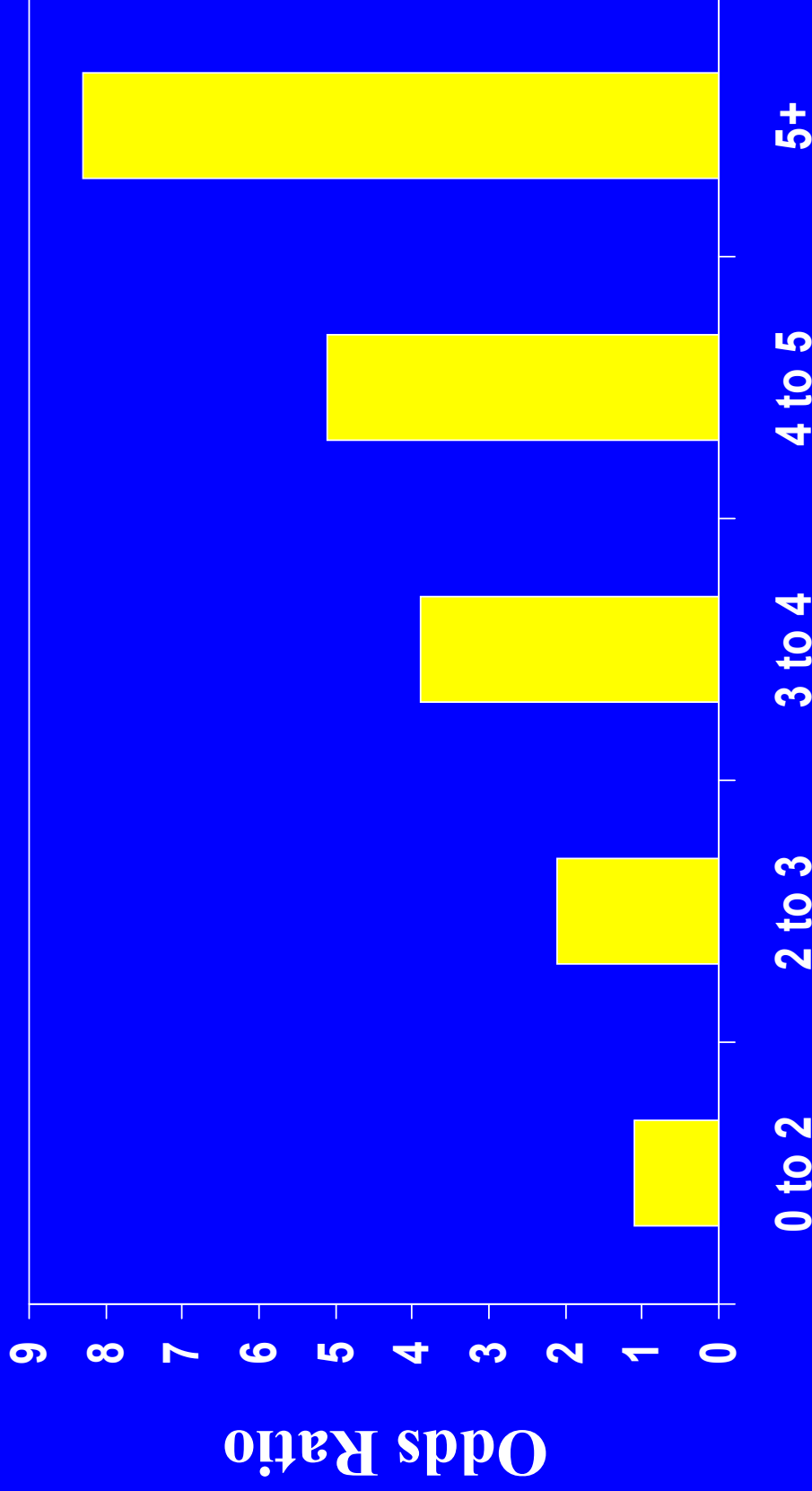
> 12 months 1.0

Von Kries et al. BMJ 319:147-150, 1999

Infant Feeding and Obesity



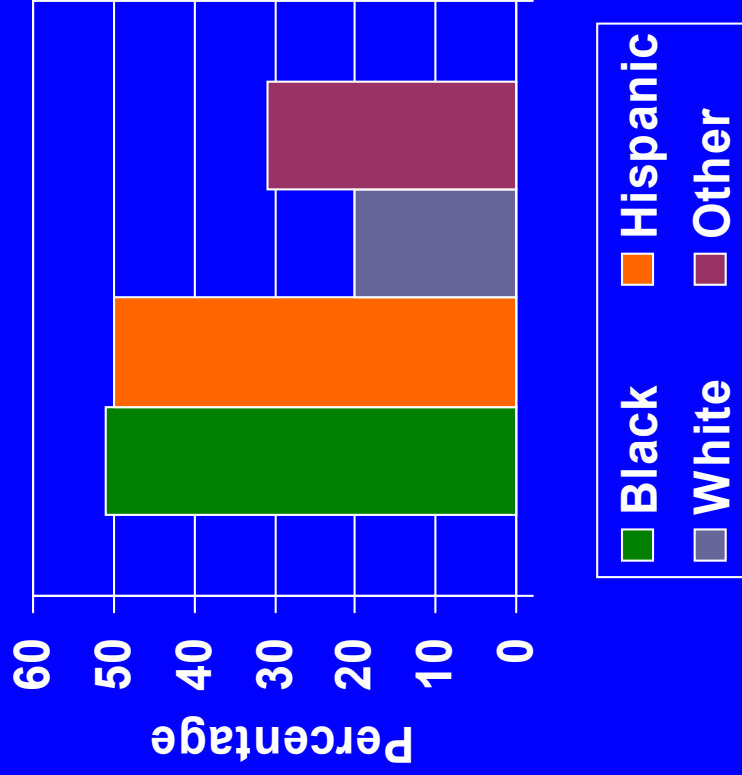
TV viewing & obesity incidence



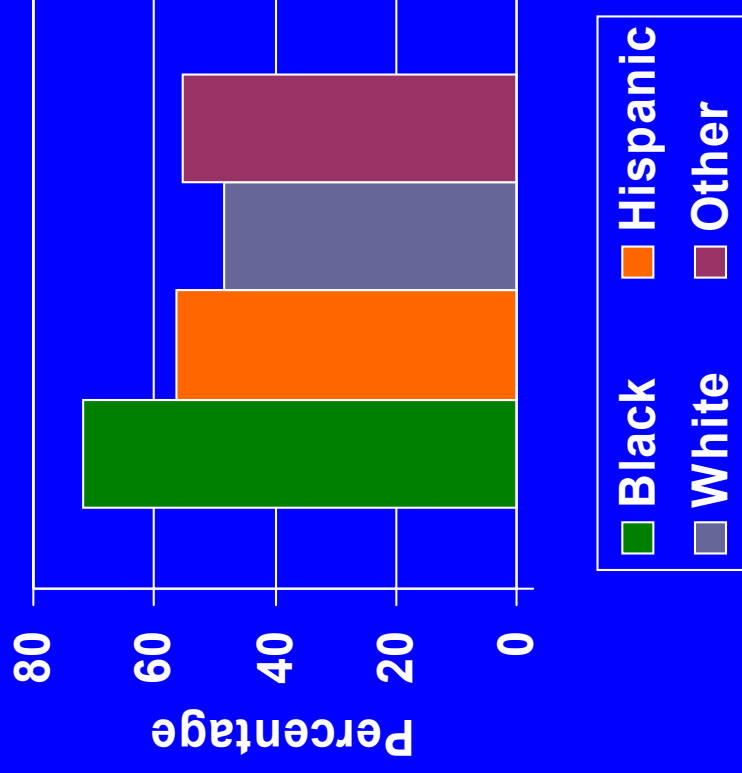
Hours of TV per day

TV and low income preschool children

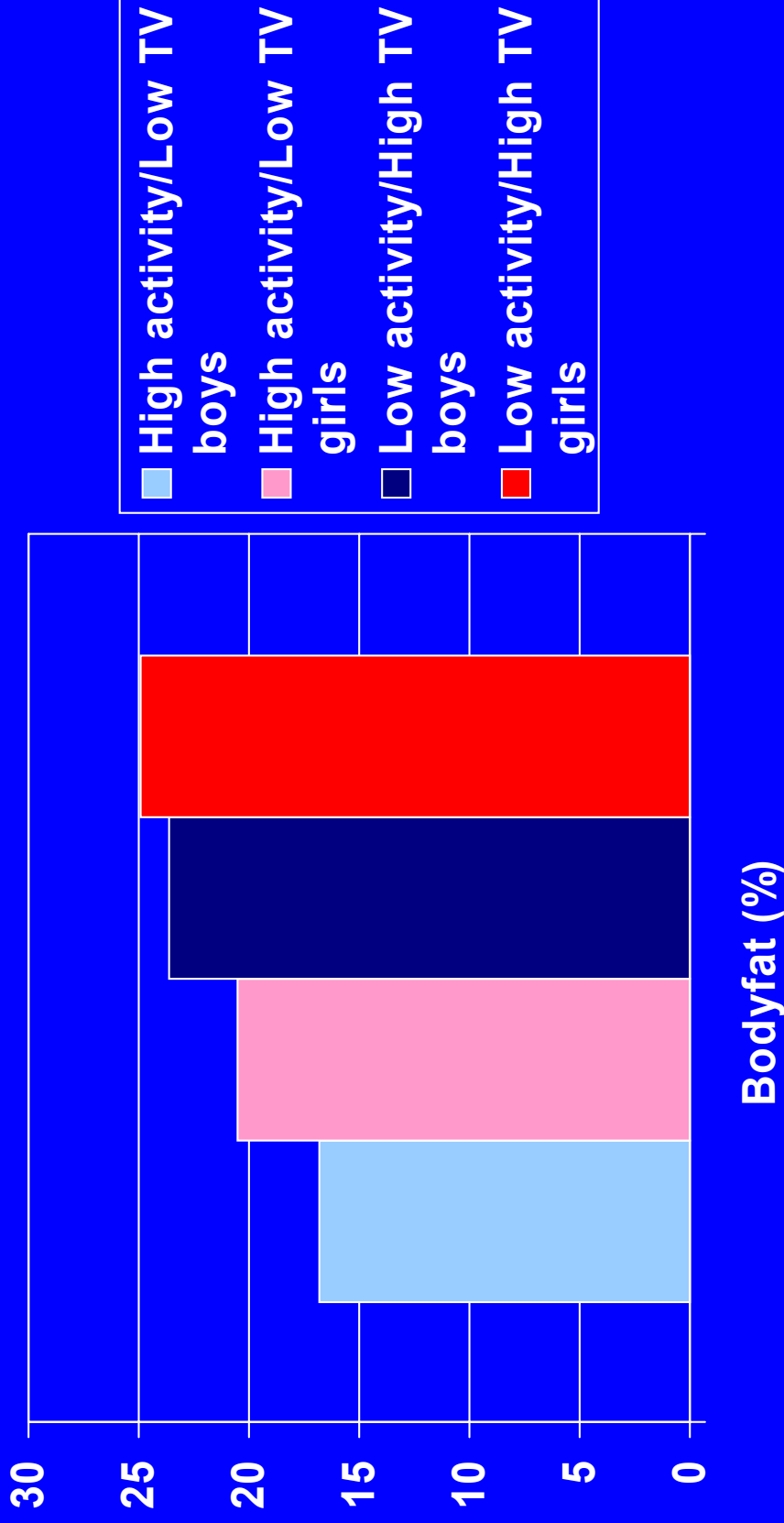
TV in Bedroom



> 2 hours per day



Activity, TV and Body Fat during Adiposity Rebound



Thank You!



Collaborators

- Tasha Burwinkle
- James Varni

Hosts

- Matt Longjohn
- Katherine Kaufer Christoffel
- Chris Young