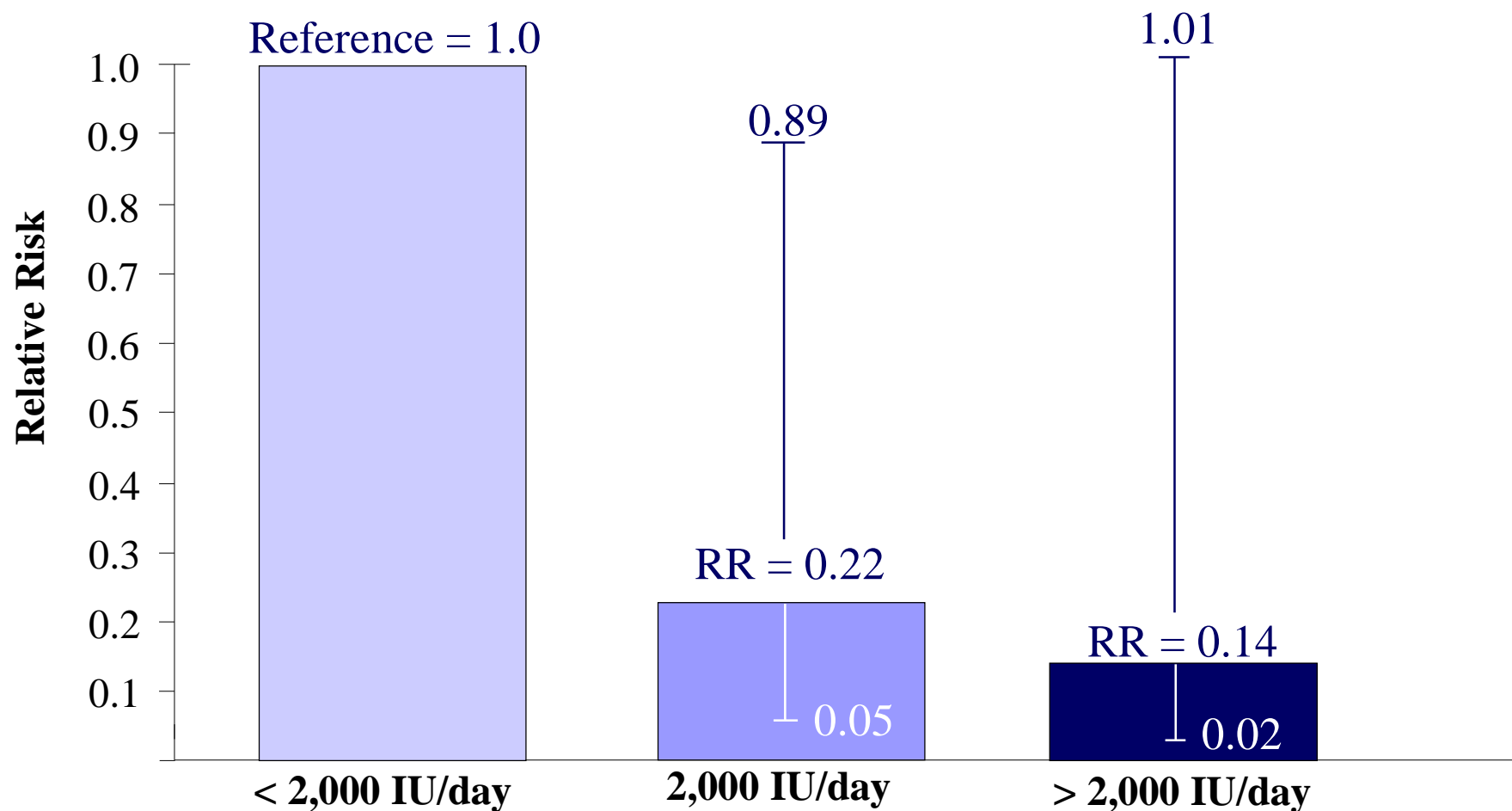


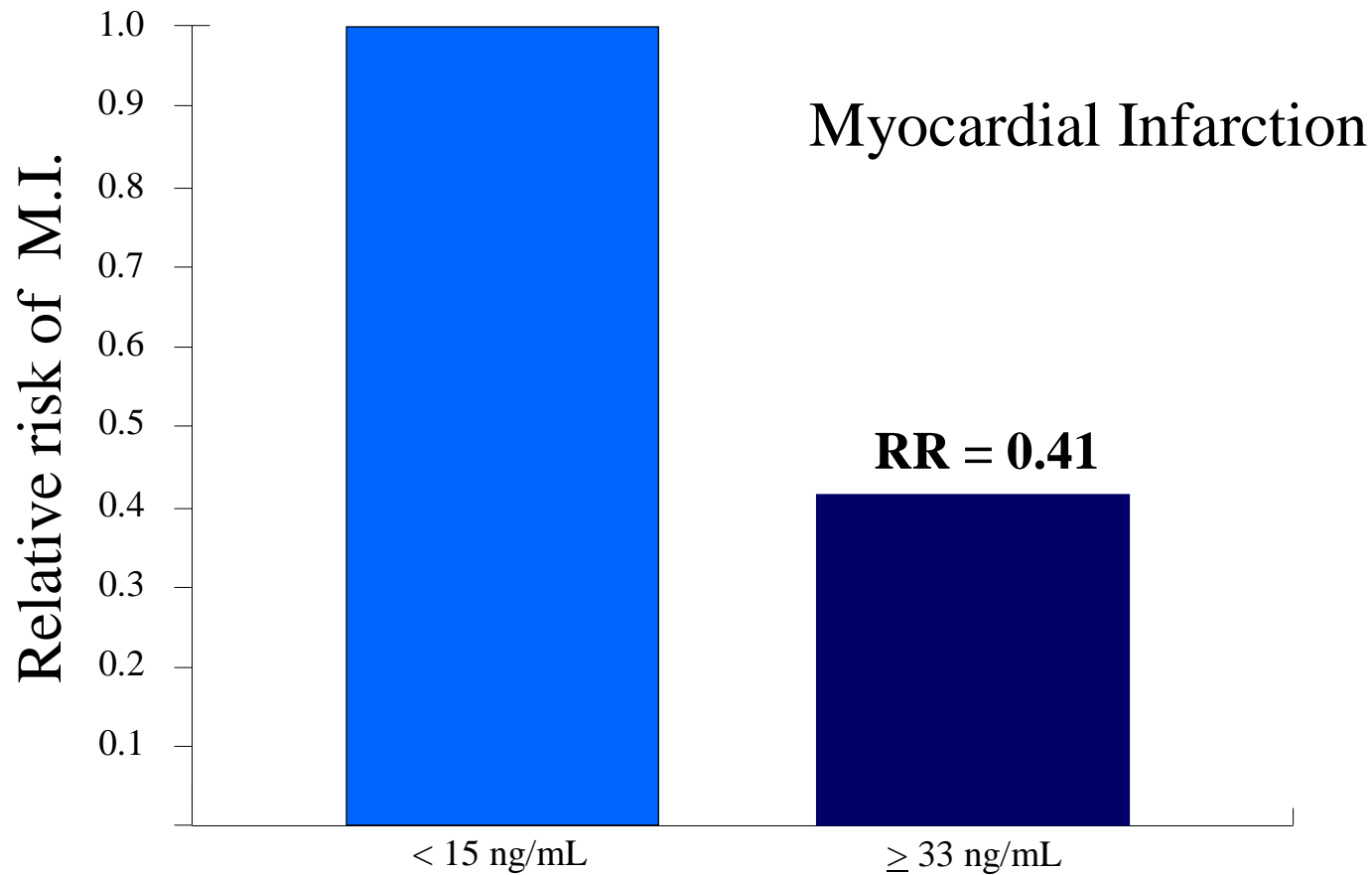
Infants' Vitamin D Supplementation Dose and Incidence of Type I Diabetes in Children in Northern Finland



Relative Risk* and 95% confidence intervals for diabetes by infant's vitamin D supplementation dose, Birth Cohort study, N=12,055 pregnant women

*adjusted for infant's gender, gestational age, birth weight, growth rate; maternal parity, age, education, social status

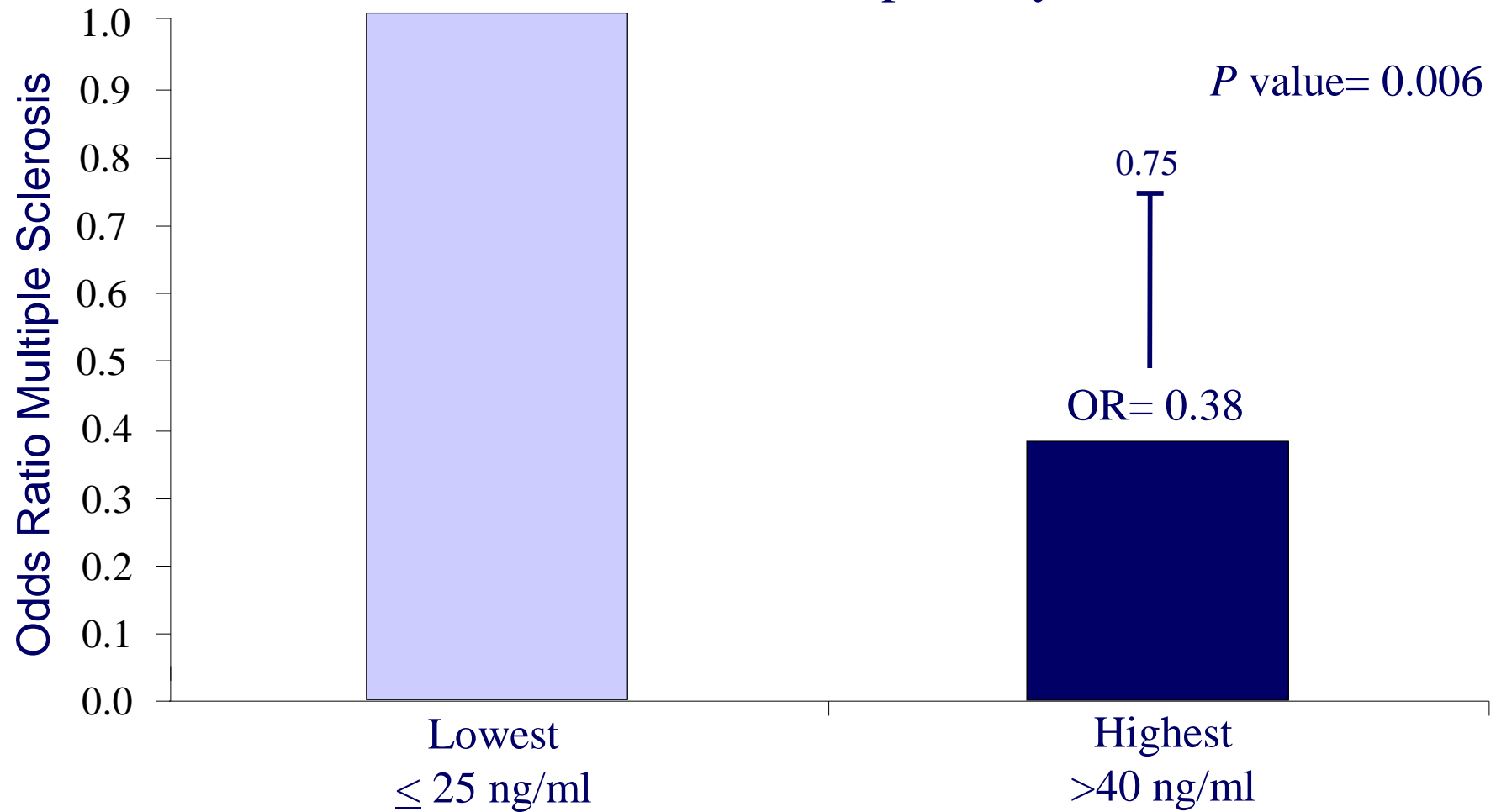
Source: Hyppönen E, Läärä E, Reunanen A, Järvelin MR, Virtanen SM. Intake of vitamin D and risk of type 1 diabetes: a birth-cohort study. *Lancet*. 2001;358:1500-3.



Relative risk of **myocardial infarction** by serum vitamin D level, Health Professionals Follow-up Study, 2008 (lowest vs highest quartile)

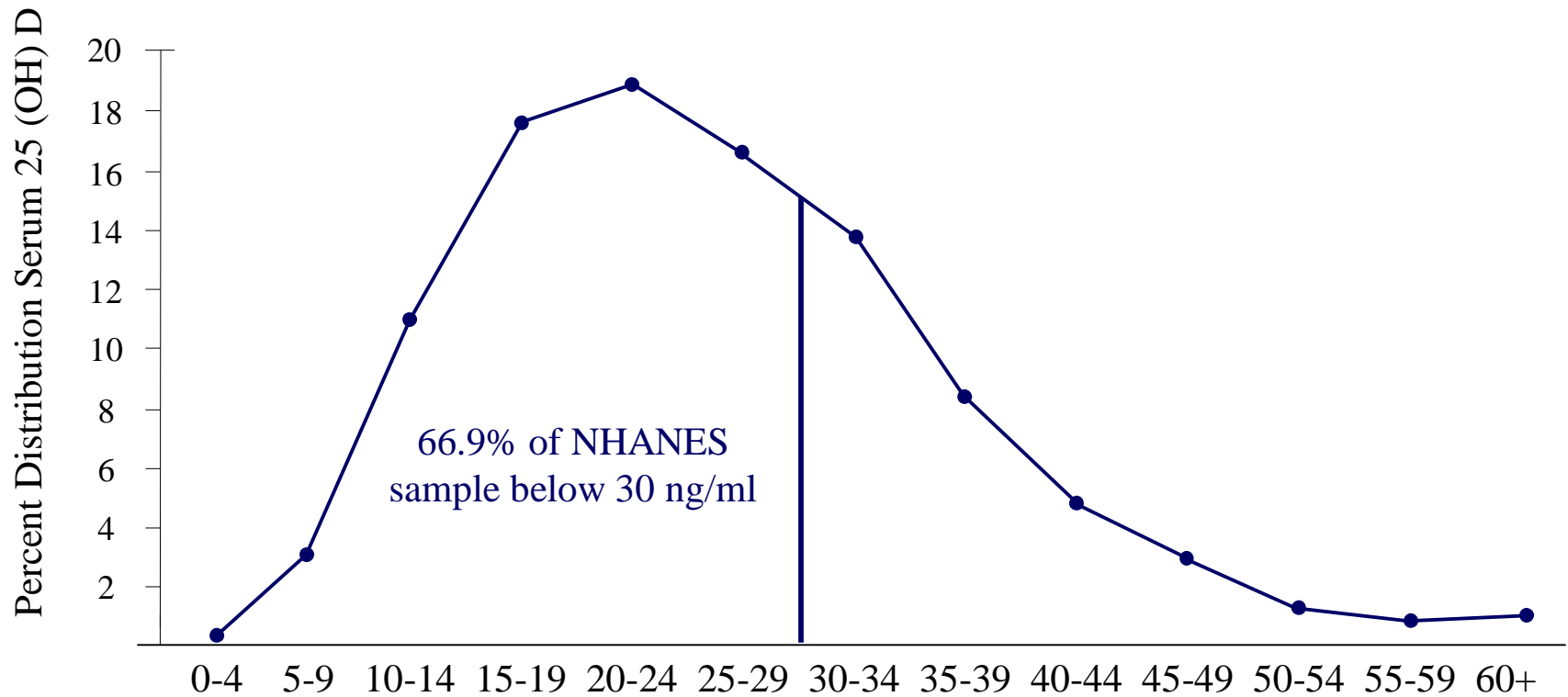
Source: Giovannucci E, Liu Y, Hollis BW, Rimm EB. 25-hydroxyvitamin D and risk of myocardial infarction in men: a prospective study. Arch Intern Med. 2008;168:1174-80.

60 % lower risk of MS in highest vs lowest quintile
DoD serum Repository

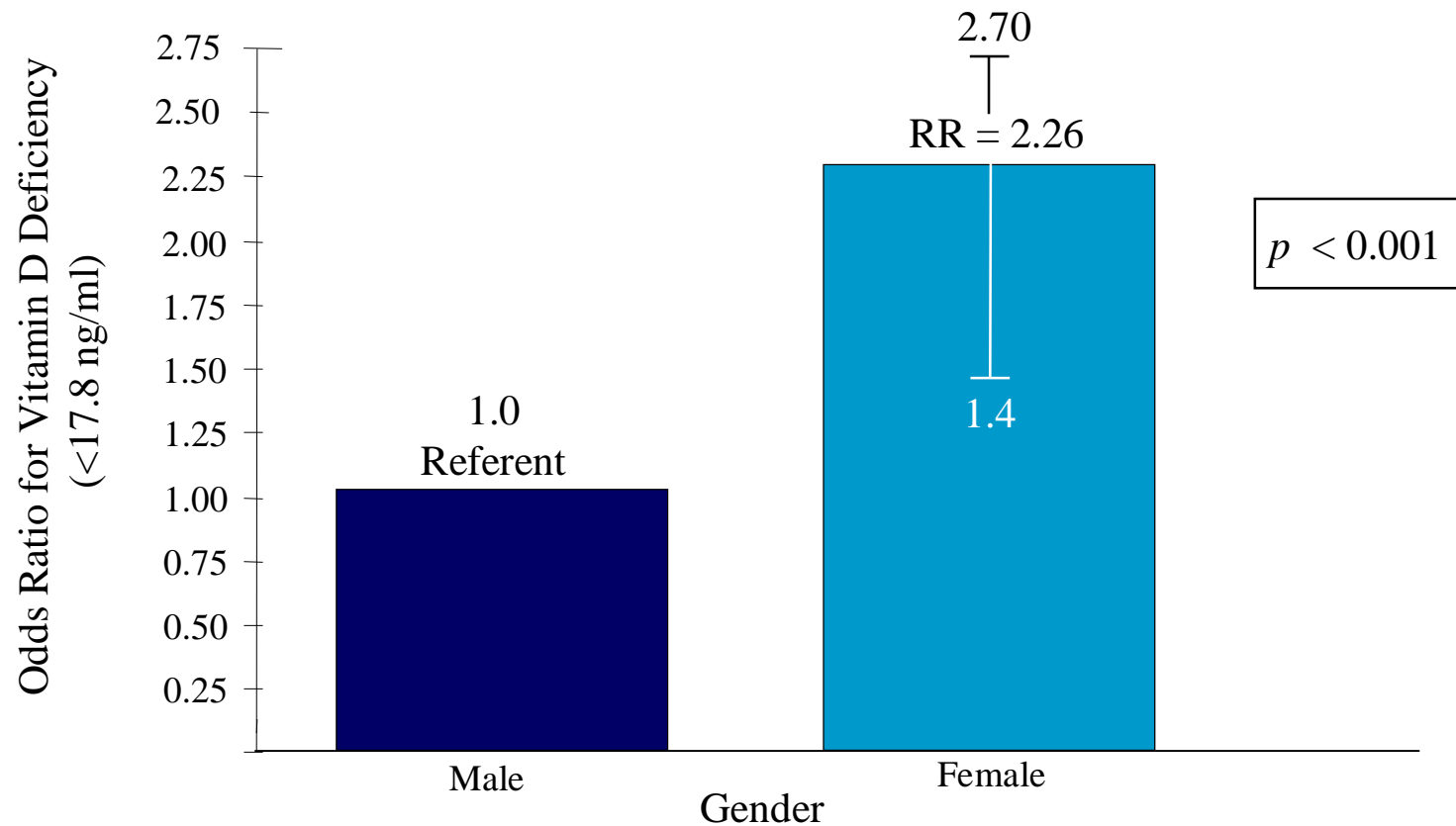


Prediagnostic serum 25 (OH) D Level (lowest vs highest quintile)

Serum 25(OH)D levels from NHANES III

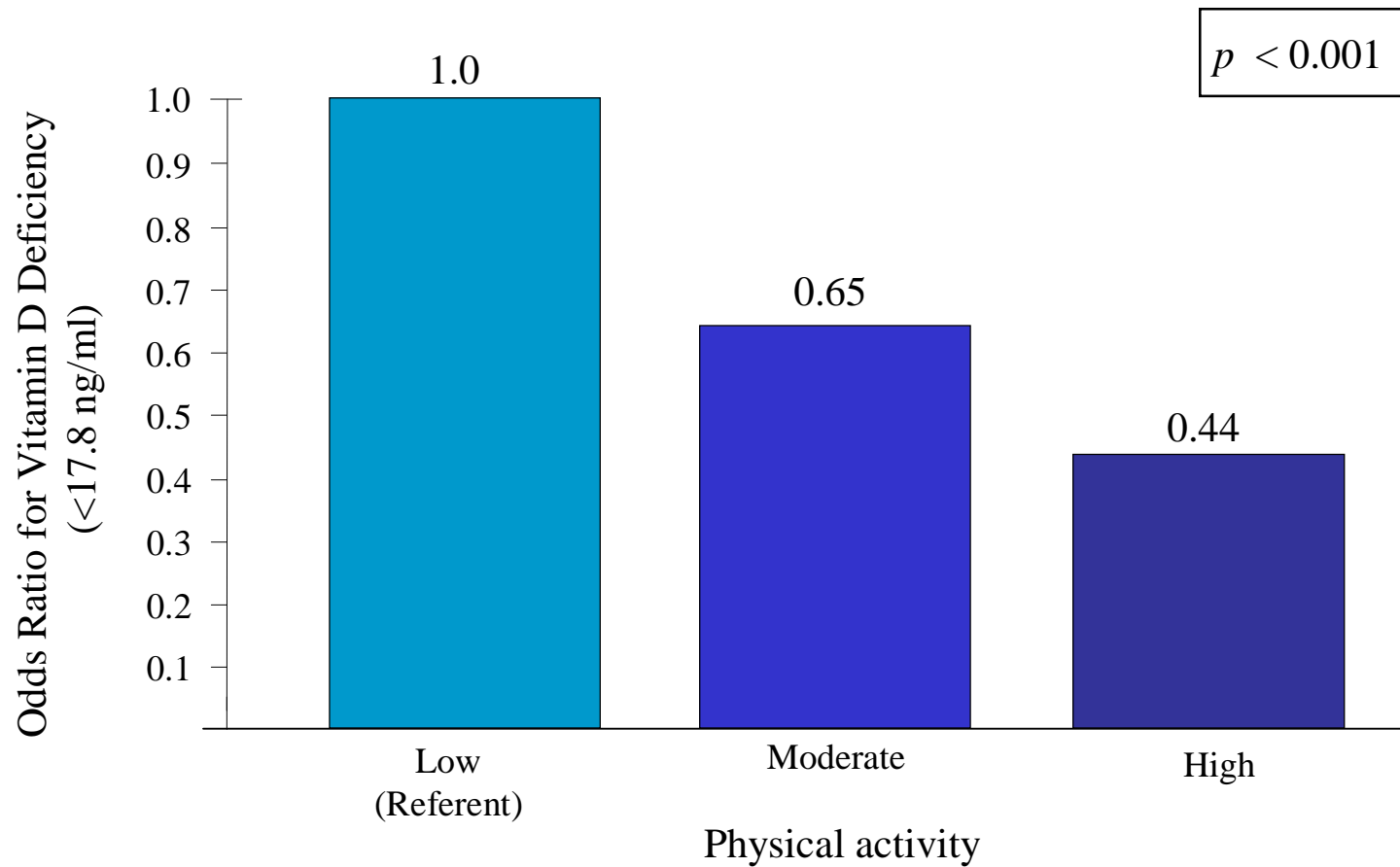


25-Hydroxyvitamin D Serum Levels, 15,536 participants
National Health and Nutrition Examination Survey III, Seasonal Sampling



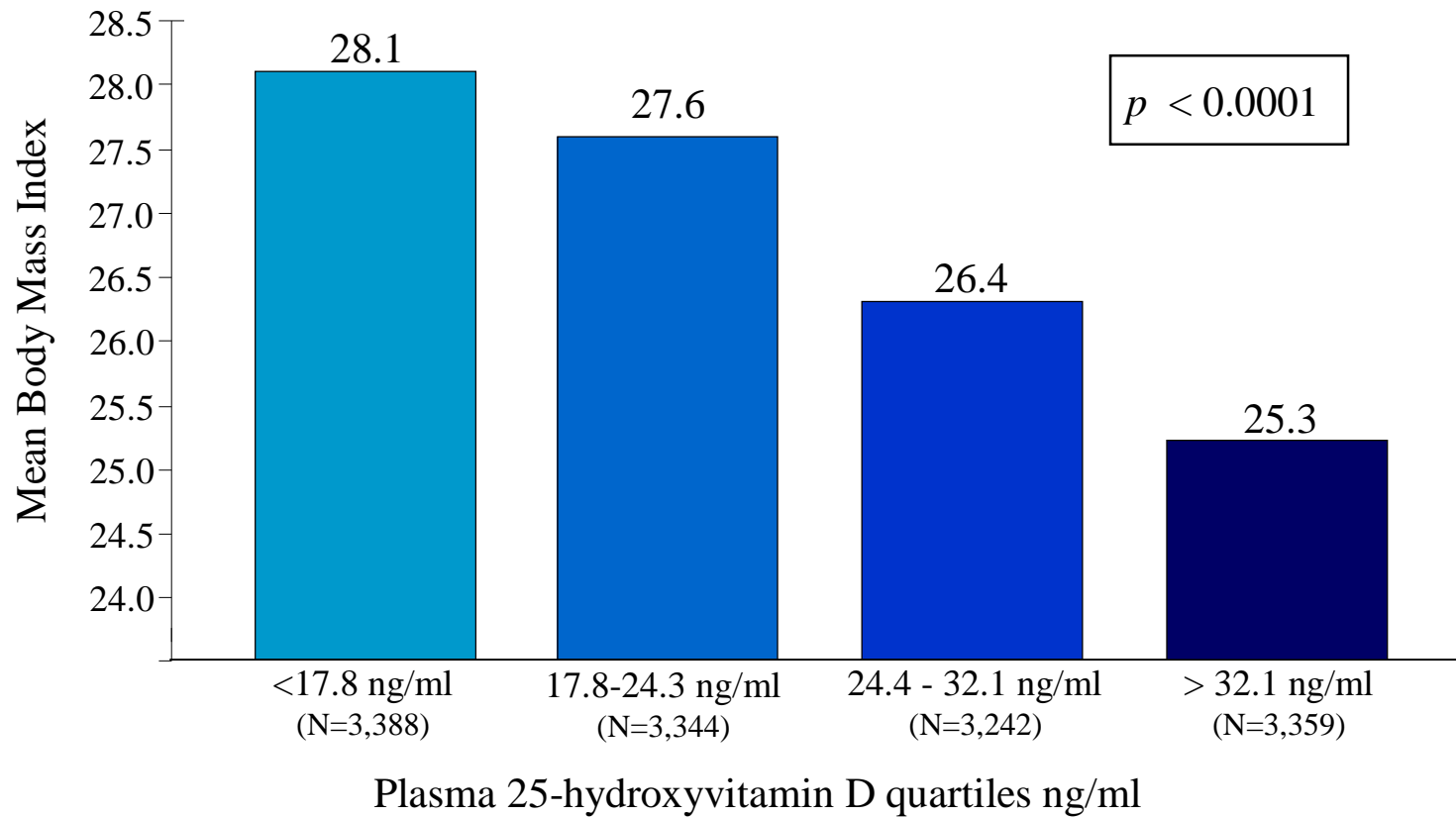
Odds Ratios of 25-hydroxyvitamin D deficiency below 17.8 ng/ml (lowest quartile) by Gender, National Health and Nutrition Examination Survey III, N=13,331 Participants

Source: Melamed ML, Michos ED, Post W, Astor B. 25-hydroxyvitamin D levels and the risk of mortality in the general population. Arch Intern Med. 2008;168:1631.



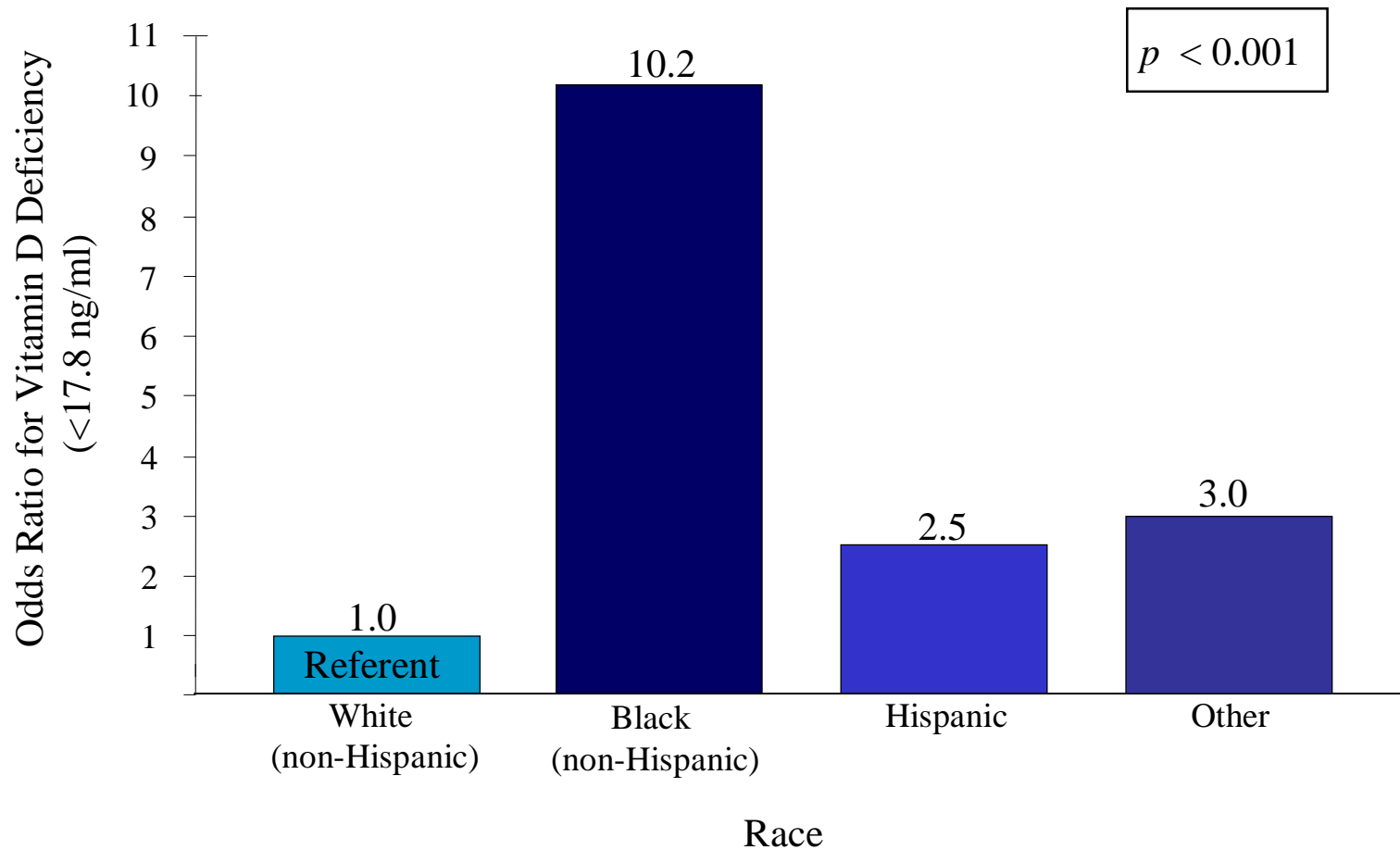
Odds Ratios of 25-hydroxyvitamin D deficiency below 17.8 ng/ml (lowest quartile) by Physical Activity, National Health and Nutrition Examination Survey III, N=13,331 Participants

Source: Melamed ML, Michos ED, Post W, Astor B. 25-hydroxyvitamin D levels and the risk of mortality in the general population. Arch Intern Med. 2008;168:1631.



Mean Body Mass Index by Plasma 25-hydroxyvitamin D Concentration Quartiles,
National Health and Nutrition Examination Survey III, N=13,331 Participants

Source: Melamed ML, Michos ED, Post W, Astor B. 25-hydroxyvitamin D levels and the risk of mortality in the general population. Arch Intern Med. 2008;168:1631.



Odds Ratios of 25-hydroxyvitamin D deficiency below 17.8 ng/ml (lowest quartile) by Race, National Health and Nutrition Examination Survey III, N=13,331 Participants

Source: Melamed ML, Michos ED, Post W, Astor B. 25-hydroxyvitamin D levels and the risk of mortality in the general population. Arch Intern Med. 2008;168:1631.