Participants were assessed comprehensively at three time points spanning childhood and adolescence and as adults. In 1977, we evaluated 129 children with a history of marasmus, and 129 healthy comparison children who were between the 5 and 11y at that time. The same children were re-evaluated in 1982 (not shown). In 1984 and again in 1991 (not shown), an additional group of children who had been hospitalized for kwashiorkor during the same period as the marasmus children were recruited and compared with a subsample of the original cohort. Birth records and extensive health documentation were available for all participants through infancy and childhood.