Figure e-1. Trajectory of Unidentified Bright Objects (UBOs) as a Function of Age in Children with NF1

Maximum is approximately at 6.75 years of age (based on average pattern).
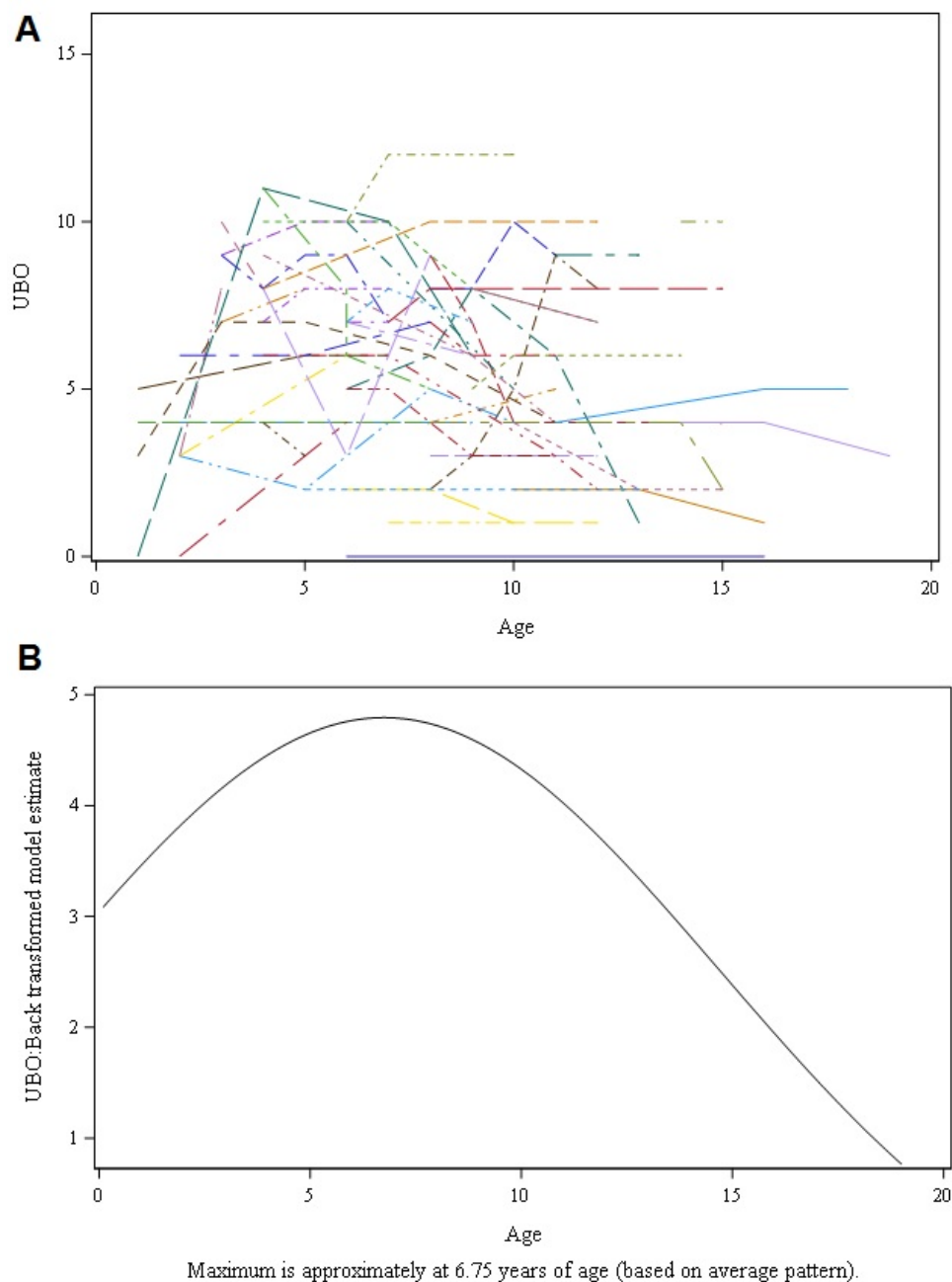
A. Spaghetti plot depicting the individual trajectories of unidentified bright objects (UBOs) as a function of patient age, in years, for all study participants who harbored T2-hyperintensities (T2Hs) on brain MRI (n=64). **B.** Estimated regression curve generated from a quadratic polynomial regression model fit for natural log transformed counts of UBOs; UBO Count = 1.3971 + (0.1067*age) + (-0.0079*age^2).

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Figure e-2. Trajectory of Probable Tumors as a Function of Age in Patients with NF1
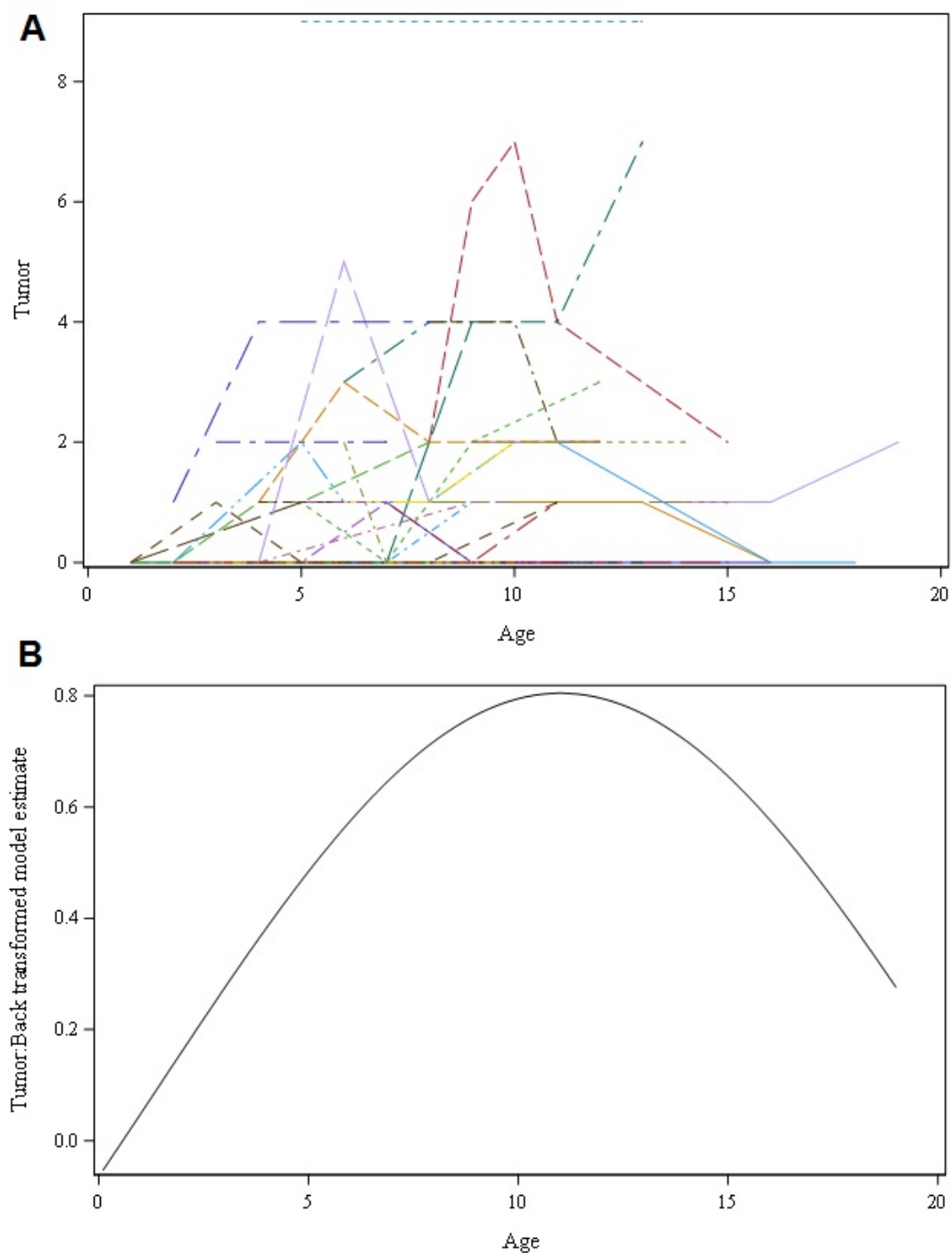
Maximum is approximately at 11 years of age (based on average pattern).

A. Spaghetti plot depicting the individual trajectories of probable tumors as a function of patient age, in years, for all study participants who harbored T2-hyperintensities (T2Hs) on brain MRI (n=64). **B.** Estimated regression curve generated from a quadratic polynomial regression model fit for natural log transformed counts of probable tumors; Probable Tumor Count = -0.0661 + (0.1193*age) + (-0.0054*age^2).