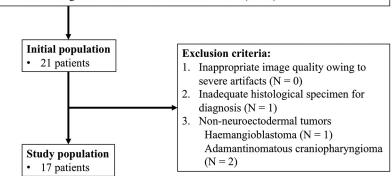
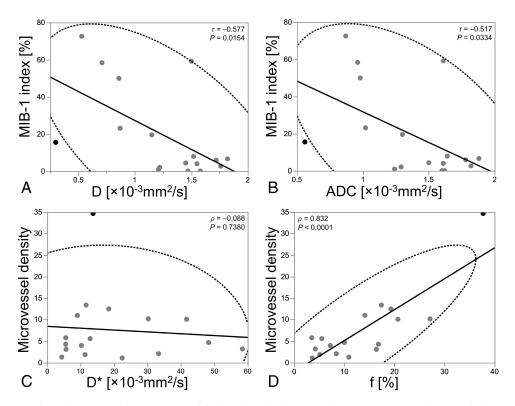
Inclusion criteria:

- 1. Consecutive pediatric patients with intracranial neuroectodermal tumor proven histopathologically between April 2013 to September 2015
- 2. MRI scans that had been performed within 1 month before surgery
- 3. Patients had not undergone surgical treatment at the time of the first MRI
- 4. MRI scans that included conventional imaging, T1WI, T2WI, and CE-T1WI were available
- 5. Patients had undergone the intravoxel incoherent motion (IVIM)

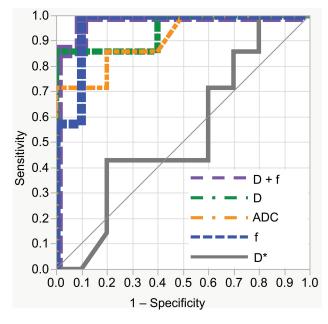


ON-LINE FIG 1. Inclusion and exclusion criteria and study flow diagram.

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ON-LINE FIG 2. Correlation between each parameter and the histologic findings. A, D shows a negative correlation with the MIB-1 proliferation index (r = -0.577, P = .0154, Pearson correlation test). B, The ADC shows a negative correlation with the MIB-1 proliferation index (r = -0.517, P = .0334, Pearson Correlation test). C, There is no significant correlation between D^* and MVD ($\rho = -0.088$, P = .7380, Spearman correlation test). D, The D shows a positive correlation with the MVD ($\rho = 0.832$, P < .0001, Spearman correlation test).



ON-LINE FIG 3. ROC analysis for high- and low-grade tumor differentiation. The combined D and f had the best diagnostic performance (area under the curve = 0.986).