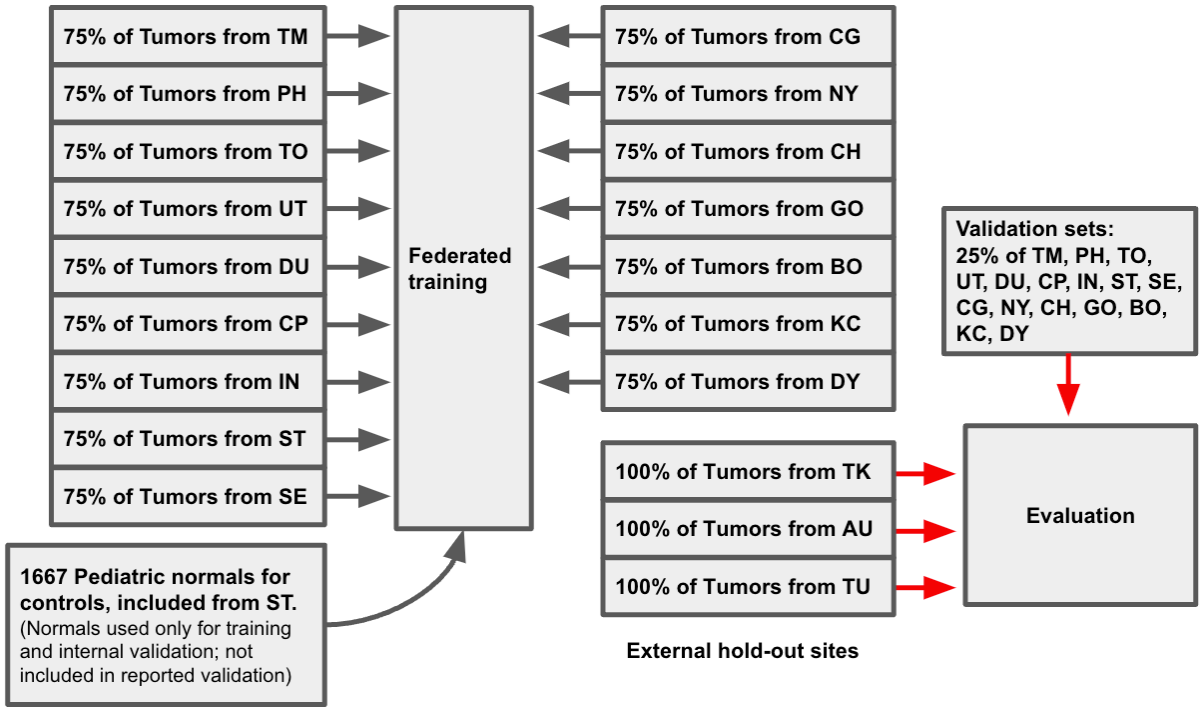
Supplemental Information File



Supplemental Figure 1. Diagram detailing the data sources used for the FL training and evaluation (1468 patients with pediatric brain tumors from the centers along with 1667 normal controls).

Supplemental Table 1. Table of siloed models trained and evaluated internally on each site. The F1 and mean dice scores (DS) across classes are shown in percentages. The performance is poor due to the relatively small datasets per site.

	Site ID							
	TM	PH	TO	UT	DU	CP	IN	ST
F1 (%)	42.86	12.50	28.33	27.78	65.00	36.83	43.65	71.14
DS (%)	7.12	10.52	40.47	57.62	0.00	57.90	51.30	44.77

	Site ID							
	SE	CG	NY	CH	GO	BO	KC	DY
F1 (%)	64.06	27.93	20.00	20.00	34.52	0.00	0.00	15.00
DS (%)	45.21	42.57	0.01	2.94	22.05	0.00	1.37	0.00