

TABLE e-1

Performance of the different CNN architectures in the validation set.

CNNMCD				
Accuracy: 0.67 AUC: 0.83		Real classification		
F1-score: 0.66		Normal MRI	Diffuse CM	PVNH
Predicted classification	Normal MRI	127	32	40
	Diffuse CM	5	94	36
	PVNH	27	21	99
InceptionV3				
Accuracy: 0.69 AUC: 0.91		Real classification		
F1-score: 0.69		Normal MRI	Diffuse CM	PVNH
Predicted classification	Normal MRI	105	8	35
	Diffuse CM	45	130	42
	PVNH	9	9	98
ResNet50				
Accuracy: 0.62 AUC: 0.81		Real classification		
F1-score: 0.62		Normal MRI	Diffuse CM	PVNH
Predicted classification	Normal MRI	118	23	82
	Diffuse CM	9	103	15
	PVNH	32	21	78
InceptionResNetV2				
Accuracy: 0.81 AUC: 0.94		Real classification		
F1-score: 0.81		Normal MRI	Diffuse CM	PVNH
Predicted classification	Normal MRI	136	29	37
	Diffuse CM	5	117	2
	PVNH	18	1	136

Legend: **AUC:** Area under the receiver operator characteristic curve. **CM:** Cortical malformation. **CNN:** Convolutional neural network. **MRI:** Magnetic resonance imaging. **PVNH:** Periventricular nodular heterotopia.