

# Supplementary Materials of Distributionally Robust Image Classifiers for Stroke Diagnosis in Accelerated MRI

Boran Hao<sup>1</sup>[0000–0001–7922–0513], Guoyao Shen<sup>2</sup>[0000–0002–5479–8332],  
Ruidi Chen<sup>3</sup>[0000–0002–1508–1742], Chad W. Farris<sup>4</sup>[0000–0002–1133–3834],  
Stephan W. Anderson<sup>4</sup>[0000–0002–5367–7459], Xin Zhang<sup>2</sup>[0000–0002–4413–5084],  
and Ioannis Ch. Paschalidis<sup>1</sup>[0000–0002–3343–2913]

<sup>1</sup> Department of Electrical and Computer Engineering, Boston University, Boston  
MA 02215, USA  
yannisp@bu.edu

<sup>2</sup> Department of Mechanical Engineering and the Photonics Center, Boston  
University, Boston MA 02215, USA

<sup>3</sup> Amazon SCOT, Bellevue WA 98004, USA

<sup>4</sup> Boston Medical Center and Boston University Chobanian & Avedisian School of  
Medicine, Boston MA 02118, USA

## 1 MRI scanner parameters

Table 1: Example parameters for 1.5 T (from Subject 0001) and 3.0 T (from Subject 0002) Philips scanners. Parameters may change slightly in different scans.

	1.5 T Philips Scanners	3.0 T Philips Scanners
Image Collection System Name	Philips Achieva	Philips Ingenia
Magnetic Field Magnitude	1.5 Tesla	3.0 Tesla
Acquisition	2D Acquisition	2D Acquisition
Slice Thickness	5 mm	5 mm
Slice Gap	0.5 mm	0 mm
Repetition Time (TR)	4183 ms	4105 ms
Echo Time (TE)	68.8 ms	86.0 ms
Number of Averages	2	1
Number of Phase Encoding Steps	131	106
Echo Train Length	119	53
Flip Angle	90 degrees	90 degrees
FOV	240 × 240 mm	230 × 230 mm
Pixel size	0.94 × 0.94	1.2 × 1.2