

# Supplementary Material

**Supplementary Table S1.** TE and TR relaxation times in ms (mean  $\pm$  standard deviation).

Scanner	T1 TE	T2 TE	STIR TE	T1 TR	T2 TR	STIR TR
<b>Aera</b>	11.5 $\pm$ 0.9	107.0 $\pm$ 2.3	64.3 $\pm$ 5.6	533.9 $\pm$ 81.8	5207.0 $\pm$ 1011.6	4378.1 $\pm$ 672.4
<b>Avanto</b>	13.1 $\pm$ 1.1	106.3 $\pm$ 4.9	72.6 $\pm$ 6.1	590.2 $\pm$ 64.8	4293.2 $\pm$ 568.3	5880.1 $\pm$ 973.2
<b>Skyra</b>	11.2 $\pm$ 1.8	103.8 $\pm$ 9.8	64.0 $\pm$ 7.4	1032.0 $\pm$ 959.7	4546.1 $\pm$ 1250.1	4030.1 $\pm$ 1040.2
<b>Sonata</b>	12.0 $\pm$ 0.0	108.0 $\pm$ 2.6	75.4 $\pm$ 1.5	488.9 $\pm$ 52.0	5397.1 $\pm$ 392.2	5674.3 $\pm$ 790.6
<b>Symphony</b>	13.8 $\pm$ 0.8	111.2 $\pm$ 0.7	107.5 $\pm$ 4.3	539.0 $\pm$ 56.4	4831.2 $\pm$ 1137.2	4481.2 $\pm$ 777.9

**Supplementary Table S2.** Slice thickness in mm (mean  $\pm$  standard deviation).

Scanner	T1 Thickness	T2 Thickness	STIR Thickness
<b>Aera</b>	2.7 $\pm$ 0.5	2.7 $\pm$ 0.5	2.7 $\pm$ 0.5
<b>Avanto</b>	3.1 $\pm$ 0.1	3.1 $\pm$ 0.1	3.1 $\pm$ 0.1
<b>Skyra</b>	2.8 $\pm$ 0.5	2.8 $\pm$ 0.5	2.8 $\pm$ 0.5
<b>Sonata</b>	2.9 $\pm$ 0.4	2.9 $\pm$ 0.4	2.9 $\pm$ 0.4
<b>Symphony</b>	2.8 $\pm$ 0.4	2.7 $\pm$ 0.5	2.8 $\pm$ 0.4

**Supplementary Table S3.** Pixel spacing in mm (mean  $\pm$  standard deviation).

Scanner	T1 Spacing	T2 Spacing	STIR Spacing
<b>Aera</b>	0.66 $\pm$ 0.06	0.66 $\pm$ 0.06	0.66 $\pm$ 0.07
<b>Avanto</b>	0.72 $\pm$ 0.05	0.72 $\pm$ 0.05	0.72 $\pm$ 0.05
<b>Skyra</b>	0.66 $\pm$ 0.06	0.64 $\pm$ 0.07	0.66 $\pm$ 0.08
<b>Sonata</b>	0.73 $\pm$ 0.09	0.72 $\pm$ 0.08	0.72 $\pm$ 0.08
<b>Symphony</b>	0.74 $\pm$ 0.1	0.74 $\pm$ 0.1	0.74 $\pm$ 0.1