a

	x-direction	y-direction	z-direction
T2w	1.562 mm / 0.078 mm, 8% / 92%	1.562 mm / 0.078 mm, 8% / 92%	10.0 mm / 0.5 mm, 8% / 92%
DTI	0.2 mm / 4.0 mm, 41% / 59%	0.2 mm / 4.0 mm, 41% / 59%	0.5 mm / 10.0 mm, 41% / 59%

b Keep / Discard — Frequency vs SNR-Standard (db); Q1 - 1.5*IQR

c Keep / Discard — Frequency vs DTI: motion severity (a.u); Q3 + 1.5*IQR

d Keep / Discard — Frequency vs rsfMRI: tSNR (db); Q1 - 1.5*IQR

f

B	C	D	E	F	G	H	I	J	K
Path	Sequence	Image	Type	One class SVM	Isolation forest	Local outlier	Elliptic envelope	Statistical method	Voting
\\	<BRUKER:RARE><3_TURBORARECORONALTEMPLATE>	anatomical_StudyID_Date_3.png	anatomical	FALSE	FALSE	FALSE	TRUE	FALSE	1
\\	<BRUKER:RARE><3_TURBORARECORONALTEMPLATE>	anatomical_StudyID_Date_4.png	anatomical	TRUE	TRUE	FALSE	FALSE	TRUE	3
\\	<BRUKER:RARE><3_TURBORARECORONALTEMPLATE>	anatomical_StudyID_Date_9.png	anatomical	FALSE	FALSE	TRUE	FALSE	FALSE	1
\\	<BRUKER:RARE><3_TURBORARECORONALTEMPLATE>	anatomical_StudyID_Date_11.png	anatomical	FALSE	FALSE	FALSE	FALSE	TRUE	1
\\	<BRUKER:EPI><4_GRE_FMRI_128MTX_155_TR1420>	functional_StudyID_Date_3.png	functional	FALSE	TRUE	FALSE	TRUE	FALSE	2
\\	<BRUKER:EPI><4_GRE_FMRI_128MTX_155_TR1420>	functional_StudyID_Date_13.png	functional	FALSE	FALSE	TRUE	FALSE	FALSE	1
\\	<BRUKER:DTIEPI><6_EPI_DTI_BIS>	structural_StudyID_Date_3.png	structural	TRUE	FALSE	FALSE	TRUE	TRUE	3
\\	<BRUKER:DTIEPI><6_EPI_DTI_BIS>	structural_StudyID_Date_4.png	structural	FALSE	TRUE	TRUE	FALSE	TRUE	3
\\	<BRUKER:DTIEPI><6_EPI_DTI_BIS>	structural_StudyID_Date_6.png	structural	FALSE	FALSE	FALSE	FALSE	TRUE	1
\\	<BRUKER:DTIEPI><6_EPI_DTI_BIS>	structural_StudyID_Date_8.png	structural	FALSE	FALSE	FALSE	FALSE	TRUE	1