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Neuroimaging biomarkers in genetic frontotemporal dementia : towards a timely diagnosis

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Appendix

Abbreviations

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List of publications

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Abbreviations

3DT _{1w}	3-dimensional T ₁ -weighted MRI
ABIDE	Autism Brain Imaging Data Exchange
AD	Alzheimer's disease
ALFF	amplitude of low frequency fluctuations
ALS	amyotrophic lateral sclerosis
<i>APOE4</i>	apolipoprotein E ϵ 4
ARTFL	Advancing Research and Treatment for FTLD
ATR	anterior thalamic radiation
AxD	axial diffusivity
AUC	area under the ROC curve
BNT	Boston naming test
bvFTD	behavioural variant FTD
<i>C9orf72</i>	chromosome 9 open reading frame 72
CBS	corticobasal syndrome
CGC	cingulum in the cingulate gyrus area
CGH	cingulum in the hippocampal area
<i>CHMP2B</i>	charged multivesicular body protein 2b
CST	corticospinal tract
DNA	deoxyribonucleic acid
DTI	diffusion tensor imaging
DWI	diffusion-weighted imaging
FA	fractional anisotropy
FCor	full correlations between ICA components' time courses
FDA	United States Food and Drug Administration
FIX	FMRIB's ICA-based X-noiseifier
FMA	forceps major
FMI	forceps minor
fMRI	functional MRI
FMRIB	Functional Magnetic Resonance Imaging of the Brain Centre
FOV	field of view
FSL	FMRIB Software Library
FTD	frontotemporal dementia
FTD-RisC	FTD Risk Cohort
FTLD	frontotemporal lobar degeneration
FUS	fused in sarcoma protein
<i>FUS</i>	fused in sarcoma gene
FWE(RC)	family-wise error (rate corrected)
GENFI	Genetic Frontotemporal Dementia Initiative
GICA	group-level ICA
GMD	grey matter density
<i>GRN</i>	progranulin
IC(A)	independent component (analysis)
IFO	inferior fronto-occipital fasciculus
ILF	inferior longitudinal fasciculus

L	left
LDST	letter digit substitution test
LEFFTDS	Longitudinal Evaluation of Familial Frontotemporal Dementia Subjects
LUMC	Leiden University Medical Centre
lvPPA	logopenic variant PPA
<i>MAPT</i>	microtubule-associated protein tau
MD	mean diffusivity
MMSE	mini-mental state examination
MRI	magnetic resonance imaging
nvPPA	non-fluent variant PPA
OCMR	Oxford Centre for Clinical Magnetic Resonance Research
PCor	L1-regularised partial correlations between ICA components' time courses
PE	parameter estimate
PET	positron emission tomography
PPA	primary progressive aphasia
PSP	progressive supranuclear palsy
PVN	primary/medial visual network
R	right
RAVLT	Rey auditory verbal learning test
RD	radial diffusivity
RNA	ribonucleic acid
ROC	receiver operating characteristic
rs-fMRI	resting-state fMRI
RSN	resting-state network
SAT	semantic association test
SLF	superior longitudinal fasciculus
svPPA	semantic variant PPA
TBSS	tract-based spatial statistics
TDP-43	transactive response DNA binding protein 43 kDa
TE	echo time
TFCE	threshold-free cluster enhancement
TMT	trail making test
TNR	true-negative rate
TPR	true-positive rate
TR	repetition time
TSLF	temporal projection of the SLF
UF	uncinate fasciculus
VAT	visual association test
<i>VCP</i>	valosin-containing protein
WAIS	Wechsler adult intelligence scale
WCST	Wisconsin card sorting test
WMD	white matter density

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