# \\USER\FORSCHUNG\Coates\_Sztrokay\Michael Heg.\epiReminyl TA: 6:06 PAT: Off Voxel size: 3.0! 3.0! 4.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

D		Table position	Н
Properties	~	Table position	30 mm
Prio Recon	Off	Inline Composing	Off
Before measurement			
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off	Positioning mode	REF
Load images to graphic	Off	MSMA	S-C-T
segments			8>>L
Auto open inline display	Off	Sagittal Coronal	· · · · · =
Start measurement without	On		P >> A
further preparation		Transversal	H >> F
Wait for user to start	On	Coil Combine Mode	Sum of Squares
Start measurements	single	AutoAlign	 D. ( !!
Routine	_	Auto Coil Select	Default
Slice group 1		Shim mode	Standard
Slices	28	Adjust with body coil	Off
Dist. factor	10 %	Confirm freq. adjustment	Off
Position	L0.7 P3.2 H10.3	Assume Silicone	Off
Orientation	Transversal	? Ref. amplitude 1H	0.000 V
Phase enc. dir.	A >> P	Adjustment Tolerance	Auto
Rotation	0.00 deg	Adjust volume	
	0.00 deg 0 %	Position	L0.7 P3.2 H10.3
Phase oversampling		Orientation	Transversal
FoV read	192 mm	Rotation	0.00 deg
FoV phase	100.0 %	R>>L	192 mm
Slice thickness	4.0 mm	A >> P	192 mm
TR	3000 ms	F>> H	123 mm
TE	30 ms	1	120 11111
Averages	1	Physio	
Concatenations	1	1st Signal/Mode	None
Filter	None	BOLD	
Coil elements	HEA;HEP	GLM Statistics	Off
Contrast			Off
MTC	Off	Dynamic t-maps Starting ignore meas	0
Flip angle	80 deg	Ignore after transition	0
Fat suppr.	Fat sat.	<u> </u>	
		Model transition states	Off
Averaging mode	Long term	Temp. highpass filter	Off
Reconstruction	Magnitude	Threshold	4.00
Measurements	120	Paradigm size	11
Delay in TR	0 ms	Meas[1]	Baseline
Multiple series	Off	Meas[2]	Baseline
•		Meas[3]	Baseline
Resolution		Meas[4]	Baseline
Base resolution	64	Meas[5]	Baseline
Phase resolution	100 %	Meas[6]	Baseline
Phase partial Fourier	Off	Meas[7]	Baseline
Interpolation	Off	Meas[8]	Baseline
PAT mode	None	Meas[9]	Baseline
Matrix Coil Mode		Meas[10]	Baseline
IVIALITA COII IVIOUE	Auto (CP)	Meas[11]	Active
Distortion Corr.	Off	Motion correction	Off
Prescan Normalize	Off	Spatial filter	Off
Raw filter	On	Coguenco	
Elliptical filter	Off	Sequence	0#
Hamming	Off	Introduction	Off
1	<del>-</del> ··	Bandwidth	2232 Hz/Px
Geometry		Free echo spacing	Off
Multi-slice mode	Interleaved	Echo spacing	0.51 ms
Series	Interleaved	EPI factor	64
Special sat.	None	RF pulse type	Normal
		Gradient mode	Fast*
Set-n-Go Protocol	Off	1	
		1/+	

MaxMun\_Rest\_a

# SIEMENS MAGNETOM Verio syngo MR B17

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\\USER

FORSCHUNG
Coates\_Sztrokay
Michael Heg.
epiReminyl

# \\USER\FORSCHUNG\Coates\Michael Heg.\epiReminyl

TA: 6:06 PAT: Off Voxel size: 3.0×3.0×4.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

D		Table position	Н
Properties	~	Table position	30 mm
Prio Recon	Off	Inline Composing	Off
Before measurement			
After measurement	_	System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off	Positioning mode	REF
Load images to graphic	Off	MSMA	S-C-T
segments			8>>L
Auto open inline display	Off	Sagittal Coronal	· · · · · =
Start measurement without	On		P >> A
further preparation		Transversal	H >> F
Wait for user to start	On	Coil Combine Mode	Sum of Squares
Start measurements	single	AutoAlign	 D. ( !!
Routine	-	Auto Coil Select	Default
Slice group 1		Shim mode	Standard
Slices	35	Adjust with body coil	Off
Dist. factor	10 %	Confirm freq. adjustment	Off
Position	L0.7 P3.2 H10.3	Assume Silicone	Off
Orientation	Transversal	? Ref. amplitude 1H	0.000 V
Phase enc. dir.	A >> P	Adjustment Tolerance	Auto
Rotation	0.00 deg	Adjust volume	
	0.00 deg 0 %	Position	L0.7 P3.2 H10.3
Phase oversampling		Orientation	Transversal
FoV read	192 mm	Rotation	0.00 deg
FoV phase	100.0 %	R>>L	192 mm
Slice thickness	4.0 mm	A >> P	192 mm
TR	3000 ms	F>> H	123 mm
TE	30 ms	1	120 11111
Averages	1	Physio	
Concatenations	1	1st Signal/Mode	None
Filter	None	BOLD	
Coil elements	HEA;HEP	GLM Statistics	Off
Contrast			Off
MTC	Off	Dynamic t-maps Starting ignore meas	0
Flip angle	80 deg	Ignore after transition	0
Fat suppr.	Fat sat.	S	
		Model transition states	Off
Averaging mode	Long term	Temp. highpass filter	Off
Reconstruction	Magnitude	Threshold	4.00
Measurements	120	Paradigm size	11
Delay in TR	0 ms	Meas[1]	Baseline
Multiple series	Off	Meas[2]	Baseline
•		Meas[3]	Baseline
Resolution		Meas[4]	Baseline
Base resolution	64	Meas[5]	Baseline
Phase resolution	100 %	Meas[6]	Baseline
Phase partial Fourier	Off	Meas[7]	Baseline
Interpolation	Off	Meas[8]	Baseline
PAT mode	None	Meas[9]	Baseline
Matrix Coil Mode		Meas[10]	Baseline
IVIALITA COII IVIOUE	Auto (CP)	Meas[11]	Active
Distortion Corr.	Off	Motion correction	Off
Prescan Normalize	Off	Spatial filter	Off
Raw filter	On	Coguence	
Elliptical filter	Off	Sequence	0#
Hamming	Off	Introduction	Off
	<del></del>	Bandwidth	2232 Hz/Px
Geometry		Free echo spacing	Off
Multi-slice mode	Interleaved	Echo spacing	0.51 ms
Series	Interleaved	EPI factor	64
Special sat.	None	RF pulse type	Normal
		Gradient mode	Fast*
Set-n-Go Protocol	Off	1	

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WOOLH	FORSO	HUNG		
		Coates		
			Michael Heg.   epiReminyl	
			epiReminyl	

\\USER\FORSCHUNG\Koerte\Asperger\_Adult\epi\_resting\_state\_120Mess
TA: 6:06 PAT: Off Voxel size: 3.0×3.0×3.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Droportion		Table position	Н
Properties Properties	0#	Table position	30 mm
Prio Recon	Off	Inline Composing	Off
Before measurement		Cyatom	
After measurement	On	System	Off
Load to viewer Inline movie	On Off	Body HEP	On
Auto store images	On Off	HEA	On
Load to stamp segments	Off Off	Positioning mode	FIX
Load images to graphic	Oil	MSMA	S-C-T
segments Auto open inline display	Off	Sagittal	R >>> L
		Coronal	P >> A
Start measurement without	On	Transversal	H >> F
further preparation	0#	Coil Combine Mode	Sum of Squares
Wait for user to start	Off	AutoAlign	· ·
Start measurements	single	Auto Coil Select	Default
Routine		Shim mode	Standard
Slice group 1		Adjust with body coil	Off
Slices	40	Confirm freq. adjustment	Off
Dist. factor	10 %	Assume Silicone	Off
Position	L0.7 P3.2 H10.3	? Ref. amplitude 1H	0.000 V
Orientation	Transversal	Adjustment Tolerance	Auto
Phase enc. dir.	A >> P	Adjust volume	7.0.0
Rotation	0.00 deg	Position	L0.7 P3.2 H10.3
Phase oversampling	0 %	Orientation	Transversal
FoV read	192 mm	Rotation	0.00 deg
FoV phase	100.0 %	R >> L	192 mm
Slice thickness	3.0 mm	A >> P	192 mm
TR	3000 ms	F>> H	132 mm
TE	30 ms		102 111111
Averages	1	Physio	
Concatenations	1	1st Signal/Mode	None
Filter	None	BOLD	
Coil elements	HEA;HEP	GLM Statistics	Off
Contrast			Off
MTC	Off	Dynamic t-maps Starting ignore meas	0
Flip angle	80 deg	Ignore after transition	0
Fat suppr.	Fat sat.	Model transition states	Off
		Temp. highpass filter	Off
Averaging mode	Long term	Temp. nignpass liller Threshold	4.00
Reconstruction	Magnitude	Paradigm size	4.00 11
Measurements	120	_	Baseline
Delay in TR	0 ms	Meas[1] Meas[2]	Baseline
Multiple series	Off		Baseline Baseline
Resolution		Meas[3]	Baseline
Base resolution	64	Meas[4] Meas[5]	Baseline Baseline
Phase resolution	100 %	Meas[5]	Baseline Baseline
Phase partial Fourier	Off	Meas[7]	Baseline
Interpolation	Off		Baseline Baseline
mierpolation	OII	Meas[8] Meas[9]	Baseline Baseline
PAT mode	None	Meas[9]	Baseline Baseline
Matrix Coil Mode	Auto (CP)	Meas[10] Meas[11]	Active
Distantia - O		Motion correction	
Distortion Corr.	Off	Spatial filter	Off Off
Prescan Normalize	Off	Spatial litter	Oii
Raw filter	On	Sequence	
Elliptical filter	Off	Introduction	Off
Hamming	Off	Bandwidth	2232 Hz/Px
Geometry		Free echo spacing	Off
Multi-slice mode	Interleaved	Echo spacing	0.51 ms
Series	Interleaved		
		EPI factor	64
Special sat.	None	RF pulse type	Normal
Set-n-Go Protocol	Off	Gradient mode	Fast*
301 11 33 1 1010001		1/+	

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\\USER				
	FORSCHUNG			
	Koerte			
		Asperger_Adult   epi_resting_state_120Mess		

\\USER\FORSCHUNG\Koerte\Asperger\_Child\epi\_resting\_state\_200Mess
TA: 10:06 PAT: Off Voxel size: 3.0×3.0×3.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Table position	H
Prio Recon	Off	Table position	10 mm
Before measurement	<del></del>	Inline Composing	Off
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off		
Load images to graphic	Off	Positioning mode	ISO
segments	Oli	MSMA	S-C-T
Auto open inline display	Off	Sagittal	R >> L
Start measurement without	On	Coronal	P >> A
further preparation	Oli	Transversal	H >> F
Wait for user to start	On	Coil Combine Mode	Sum of Squares
		AutoAlign	
Start measurements	single	Auto Coil Select	Default
Routine		Shim mode	Standard
Slice group 1		Adjust with body coil	Off
Slices	40	Confirm freq. adjustment	Off
Dist. factor	10 %	Assume Silicone	Off
Position	L0.7 P3.2 H10.3		0.000 V
Orientation	Transversal	? Ref. amplitude 1H	*****
Phase enc. dir.	A >> P	Adjustment Tolerance	Auto
Rotation	0.00 deg	Adjust volume	107020400
Phase oversampling	0 %	Position Orientation	L0.7 P3.2 H10.3
FoV read	192 mm	Orientation	Transversal
FoV phase	100.0 %	Rotation	0.00 deg
Slice thickness	3.0 mm	R >> L	192 mm
TR	3000 ms	A >> P	192 mm
TE	30 ms	F >> H	132 mm
Averages	1	Physio	
Concatenations	1	1st Signal/Mode	None
Filter	None	•	. 10.10
Coil elements	HEA;HEP	BOLD	
Contract		GLM Statistics	Off
Contrast	0"	Dynamic t-maps	Off
MTC	Off	Starting ignore meas	0
Flip angle	80 deg	Ignore after transition	0
Fat suppr.	Fat sat.	Model transition states	Off
Averaging mode	Long term	Temp. highpass filter	Off
Reconstruction	Magnitude	Threshold	4.00
Measurements	200	Paradigm size	11
Delay in TR	0 ms	Meas[1]	Baseline
Multiple series	Off	Meas[2]	Baseline
•		Meas[3]	Baseline
Resolution		Meas[4]	Baseline
Base resolution	64	Meas[5]	Baseline
Phase resolution	100 %	Meas[6]	Baseline
Phase partial Fourier	Off	Meas[7]	Baseline
Interpolation	Off	Meas[8]	Baseline
DAT made	Nama	····· Meas[9]	Baseline
PAT mode	None	Meas[10]	Baseline
Matrix Coil Mode	Auto (CP)	Meas[11]	Active
Distortion Corr.	Off	Motion correction	Off
Prescan Normalize	Off	Spatial filter	Off
Raw filter	On	1 '	
Elliptical filter	Off	Sequence	
Hamming	Off	Introduction	Off
Hamming	Oii	Bandwidth	2232 Hz/Px
Geometry		Free echo spacing	Off
Multi-slice mode	Interleaved	Echo spacing	0.51 ms
Series	Interleaved	EPI factor	64
Choolel ast	None	RF pulse type	Normal
Special sat.	None		
<u>.</u>		····· Gradient mode	Fast*

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\\IQER	
FORSCHUNG	
Koerte	
	Asperger_Child
	Asperger_Child