Table 1.   Percentage of variance explained by each ROI's first Principal Component

ID	PC1-A1	PC1-dPMC	PC1-M1	PC1-vPMC	ID	PC1-A1	PC1-dPMC	PC1-M1	PC1-vPMC
sub-0001/LEFT	57%	26%	23%	34%	sub-0001/RIGHT	55%	25%	22%	32%
sub-0002/LEFT	48%	37%	32%	36%	sub-0002/RIGHT	53%	33%	30%	36%
sub-0003/LEFT	50%	31%	35%	38%	sub-0003/RIGHT	47%	39%	45%	39%
sub-0004/LEFT	48%	39%	26%	38%	sub-0004/RIGHT	49%	35%	29%	28%
sub-0005/LEFT	60%	30%	26%	38%	sub-0005/RIGHT	49%	32%	30%	34%
sub-0007/LEFT	57%	31%	23%	38%	sub-0007/RIGHT	48%	29%	27%	32%
sub-0008/LEFT	48%	24%	30%	49%	sub-0008/RIGHT	52%	34%	31%	54%
sub-0011/LEFT	59%	36%	27%	36%	sub-0011/RIGHT	59%	31%	34%	30%
sub-0012/LEFT	52%	46%	38%	39%	sub-0012/RIGHT	52%	46%	38%	39%
sub-0013/LEFT	46%	35%	36%	55%	sub-0013/RIGHT	57%	35%	28%	41%
sub-0014/LEFT	50%	34%	35%	30%	sub-0014/RIGHT	62%	38%	32%	35%
sub-0015/LEFT	53%	42%	34%	36%	sub-0015/RIGHT	63%	37%	37%	40%
sub-0016/LEFT	61%	51%	63%	84%	sub-0016/RIGHT	83%	57%	68%	84%
sub-0018/LEFT	53%	44%	41%	42%	sub-0018/RIGHT	53%	37%	37%	30%
sub-0020/LEFT	67%	37%	23%	33%	sub-0020/RIGHT	46%	31%	25%	33%
sub-0021/LEFT	53%	30%	47%	47%	sub-0021/RIGHT	52%	40%	25%	40%
sub-0023/LEFT	100%	100%	100%	100%	sub-0023/RIGHT	100%	100%	100%	100%
sub-0024/LEFT	56%	33%	22%	32%	sub-0024/RIGHT	56%	26%	23%	35%
sub-0025/LEFT	59%	38%	42%	49%	sub-0025/RIGHT	55%	36%	32%	48%
sub-0026/LEFT	54%	30%	29%	42%	sub-0026/RIGHT	47%	29%	26%	38%
sub-0028/LEFT	50%	27%	20%	36%	sub-0028/RIGHT	59%	27%	24%	34%
sub-0029/LEFT	49%	28%	25%	36%	sub-0029/RIGHT	59%	26%	24%	28%
sub-0030/LEFT	60%	33%	21%	40%	sub-0030/RIGHT	55%	37%	36%	49%
sub-0031/LEFT	55%	31%	30%	53%	sub-0031/RIGHT	68%	34%	24%	46%
sub-0032/LEFT	48%	29%	35%	30%	sub-0032/RIGHT	45%	31%	40%	34%
sub-0033/LEFT	59%	28%	24%	35%	sub-0033/RIGHT	51%	33%	23%	37%
sub-0035/LEFT	48%	36%	35%	30%	sub-0035/RIGHT	49%	33%	29%	30%
sub-0036/LEFT	54%	57%	34%	40%	sub-0036/RIGHT	66%	33%	49%	37%
sub-0037/LEFT	57%	39%	39%	49%	sub-0037/RIGHT	54%	40%	38%	40%
sub-0040/LEFT	59%	36%	25%	41%	sub-0040/RIGHT	59%	41%	24%	35%
sub-0045/LEFT	47%	42%	38%	36%	sub-0045/RIGHT	49%	38%	41%	37%
sub-0046/LEFT	47%	31%	31%	42%	sub-0046/RIGHT	64%	34%	34%	38%
sub-0047/LEFT	52%	30%	24%	33%	sub-0047/RIGHT	52%	26%	21%	30%
sub-0048/LEFT	52%	28%	23%	29%	sub-0048/RIGHT	46%	27%	24%	34%
sub-0049/LEFT	63%	27%	25%	32%	sub-0049/RIGHT	50%	29%	30%	33%
sub-0050/LEFT	57%	30%	27%	32%	sub-0050/RIGHT	58%	27%	21%	34%
sub-0052/LEFT	63%	39%	38%	45%	sub-0052/RIGHT	76%	54%	40%	60%
sub-0055/LEFT	58%	67%	84%	29%	sub-0055/RIGHT	56%	59%	82%	32%
sub-0056/LEFT	56%	32%	24%	32%	sub-0056/RIGHT	59%	27%	25%	29%
sub-0058/LEFT	46%	56%	74%	33%	sub-0058/RIGHT	52%	39%	63%	30%
sub-0063/LEFT	59%	30%	24%	47%	sub-0063/RIGHT	59%	27%	20%	40%
sub-0064/LEFT	52%	32%	44%	43%	sub-0064/RIGHT	48%	28%	26%	44%
sub-0065/LEFT	61%	35%	24%	38%	sub-0065/RIGHT	59%	36%	27%	34%
sub-0069/LEFT	52%	31%	39%	30%	sub-0069/RIGHT	47%	33%	38%	38%
sub-0070/LEFT	59%	28%	26%	35%	sub-0070/RIGHT	49%	31%	30%	29%
sub-0074/LEFT	48%	31%	42%	32%	sub-0074/RIGHT	67%	36%	47%	29%
sub-0076/LEFT	55%	38%	31%	33%	sub-0076/RIGHT	50%	42%	35%	38%
sub-0077/LEFT	54%	28%	20%	38%	sub-0077/RIGHT	52%	31%	25%	34%
sub-0082/LEFT	66%	59%	50%	55%	sub-0082/RIGHT	74%	33%	31%	32%
sub-0083/LEFT	93%	74%	73%	70%	sub-0083/RIGHT	95%	83%	80%	56%
sub-0084/LEFT	49%	29%	22%	32%	sub-0084/RIGHT	50%	29%	20%	30%
sub-0086/LEFT	63%	51%	31%	40%	sub-0086/RIGHT	57%	43%	38%	39%
sub-0087/LEFT	50%	65%	29%	73%	sub-0087/RIGHT	52%	35%	33%	38%
sub-0090/LEFT	60%	35%	26%	35%	sub-0090/RIGHT	58%	27%	41%	39%
sub-0091/LEFT	46%	47%	36%	59%	sub-0091/RIGHT	57%	35%	35%	53%
sub-0093/LEFT	74%	73%	67%	68%	sub-0093/RIGHT	90%	61%	76%	67%
sub-0094/LEFT	54%	28%	25%	33%	sub-0094/RIGHT	52%	27%	29%	32%
sub-0097/LEFT	46%	29%	25%	36%	sub-0097/RIGHT	54%	32%	24%	28%
sub-0099/LEFT	44%	30%	24%	32%	sub-0099/RIGHT	54%	29%	23%	34%
sub-0101/LEFT	55%	27%	27%	32%	sub-0101/RIGHT	53%	26%	25%	29%
sub-0102/LEFT	60%	27%	22%	39%	sub-0102/RIGHT	60%	29%	22%	28%
sub-0103/LEFT	100%	99%	100%	100%	sub-0103/RIGHT	100%	100%	100%	100%
sub-0104/LEFT	65%	31%	29%	31%	sub-0104/RIGHT	67%	30%	33%	36%
sub-0105/LEFT	48%	29%	29%	39%	sub-0105/RIGHT	75%	27%	40%	39%
sub-0106/LEFT	61%	31%	27%	31%	sub-0106/RIGHT	56%	33%	27%	35%
sub-0134/LEFT	54%	32%	23%	45%	sub-0134/RIGHT	50%	29%	23%	33%
sub-0145/LEFT	47%	33%	28%	36%	sub-0145/RIGHT	47%	34%	24%	33%
sub-0146/LEFT	50%	39%	28%	31%	sub-0146/RIGHT	60%	61%	37%	56%
sub-0148/LEFT	59%	74%	57%	69%	sub-0148/RIGHT	53%	50%	23%	49%
sub-0149/LEFT	46%	27%	21%	30%	sub-0149/RIGHT	52%	26%	22%	34%
sub-0150/LEFT	53%	28%	26%	36%	sub-0150/RIGHT	49%	32%	26%	34%
sub-0151/LEFT	60%	32%	37%	48%	sub-0151/RIGHT	65%	27%	41%	46%
sub-0152/LEFT	55%	25%	26%	31%	sub-0152/RIGHT	49%	30%	28%	32%
sub-0154/LEFT	62%	29%	24%	37%	sub-0154/RIGHT	55%	27%	26%	50%
sub-0156/LEFT	57%	33%	23%	39%	sub-0156/RIGHT	46%	32%	29%	35%
sub-0157/LEFT	54%	30%	23%	38%	sub-0157/RIGHT	58%	29%	25%	29%
sub-0166/LEFT	50%	27%	20%	31%	sub-0166/RIGHT	49%	33%	23%	32%
sub-0169/LEFT	67%	33%	29%	37%	sub-0169/RIGHT	51%	35%	36%	37%
sub-0171/LEFT	52%	36%	20%	36%	sub-0171/RIGHT	52%	34%	28%	39%
sub-0172/LEFT	51%	50%	53%	31%	sub-0172/RIGHT	51%	36%	47%	32%
sub-0174/LEFT	79%	41%	67%	49%	sub-0174/RIGHT	65%	40%	34%	39%
sub-0175/LEFT	57%	33%	24%	30%	sub-0175/RIGHT	53%	27%	21%	35%
sub-0176/LEFT	99%	100%	100%	100%	sub-0176/RIGHT	100%	100%	100%	100%
sub-0179/LEFT	45%	24%	26%	32%	sub-0179/RIGHT	46%	27%	24%	30%
sub-0181/LEFT	51%	32%	26%	30%	sub-0181/RIGHT	57%	31%	23%	31%
sub-0184/LEFT	45%	61%	38%	33%	sub-0184/RIGHT	64%	43%	27%	57%
sub-0191/LEFT	100%	100%	100%	100%	sub-0191/RIGHT	100%	100%	100%	100%
sub-0195/LEFT	48%	25%	21%	43%	sub-0195/RIGHT	46%	29%	28%	36%
sub-0208/LEFT	54%	34%	40%	37%	sub-0208/RIGHT	57%	40%	39%	42%
sub-0210/LEFT	55%	25%	25%	31%	sub-0210/RIGHT	53%	29%	21%	32%

Table 2.　　　Goodness of fit measures for all GLMM models and all frequency bands

Model	AIC	BIC	logLik	deviance	Precision (φ)
GLMM1_Delta	-5668.2	-5543.6	2859.1	-5718.2	1150
GLMM1_Theta	-6246.2	-6121.6	3148.1	-6296.2	1210
GLMM1_Alpha	-5423.1	-5298.4	2736.5	-5473.1	1100
GLMM1_Beta	-6803.2	-6678.6	3426.6	-6853.2	1640
GLMM1_Gamma1	-7368.8	-7244.2	3709.4	-7418.8	2060
GLMM1_Gamma2	-7118.3	-6993.7	3584.2	-7168.3	2270

Model	AIC	BIC	logLik	deviance	Dispersion (σ^2)
GLMM2_PLV_Differences	-8345.5	-8146.1	4209.7	-8419.5	7.76E-05

Model	AIC	BIC	logLik	deviance	Dispersion (σ^2)
GLMM3_Delta_Left	-2136.9	-2081.2	1081.5	-2162.9	3.96E-05
GLMM3_Delta_Right	-2024.2	-1968.4	1025.1	-2050.2	9.18E-05
GLMM3_Theta_Left	-3075.5	-3019.7	1550.7	-3101.5	4.62E-05
GLMM3_Theta_Right	-3000.7	-2944.9	1513.3	-3026.7	6.37E-05
GLMM3_Alpha_Left	-2567	-2511.2	1296.5	-2593	3.18E-04
GLMM3_Alpha_Right	-2510.2	-2454.4	1268.1	-2536.2	1.83E-04
GLMM3_Beta_Left	-3444	-3388.2	1735	-3470	1.44E-05
GLMM3_Beta_Right	-3316.4	-3260.6	1671.2	-3342.4	3.22E-05
GLMM3_Gamma1_Left	-4152.7	-4096.9	2089.4	-4178.7	2.47E-05
GLMM3_Gamma1_Right	-4090.6	-4034.8	2058.3	-4116.6	2.18E-05
GLMM3_Gamma2_Left	-4517.9	-4462.1	2272	-4543.9	5.86E-05
GLMM3_Gamma2_Right	-4528.3	-4472.5	2277.2	-4554.3	4.27E-05