

α MI after VOICE

CP5 C5 FC5

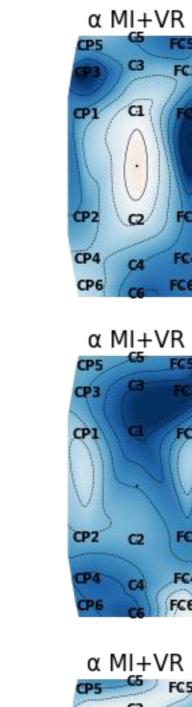
CP2 C2 FC2

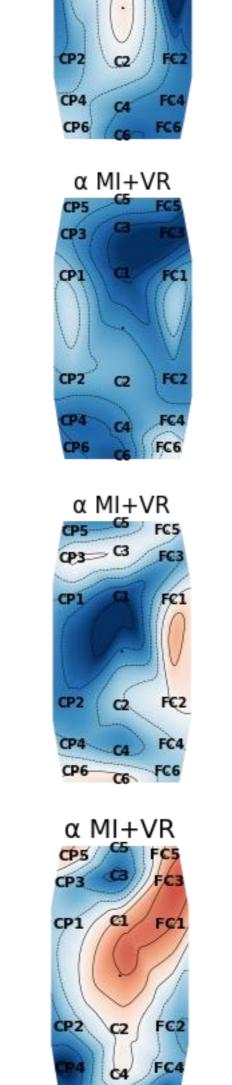
G FC3

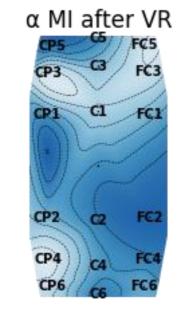
EL FC1

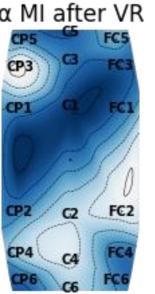
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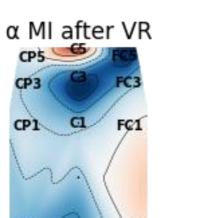
CP1

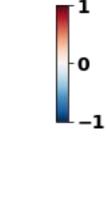












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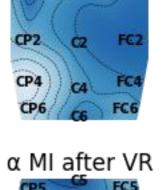
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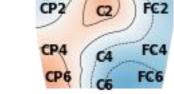


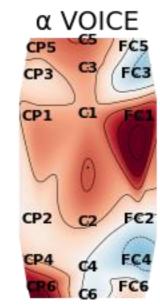


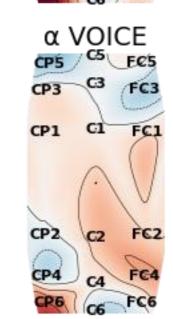


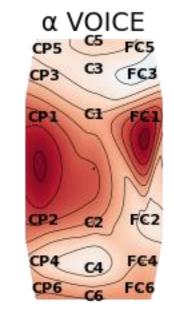


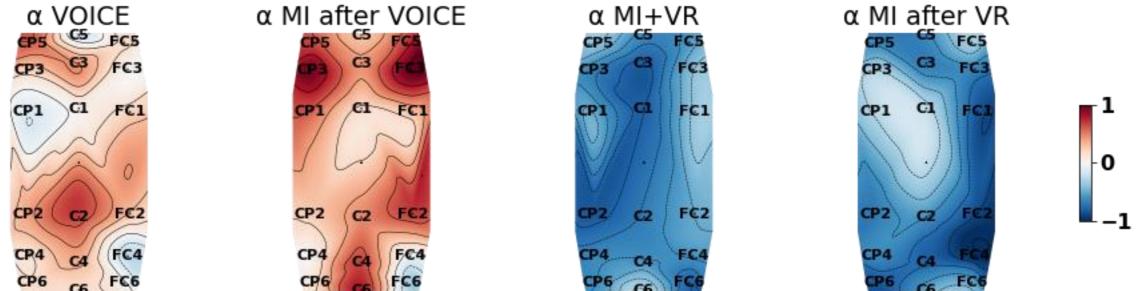


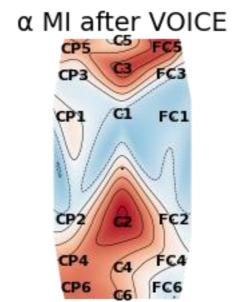


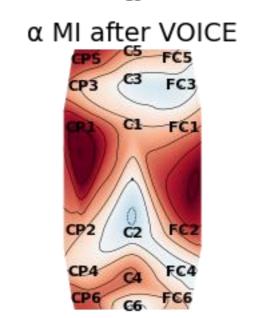


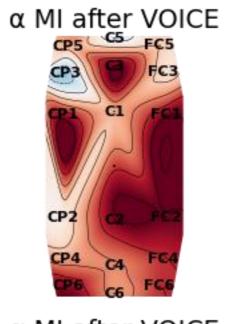


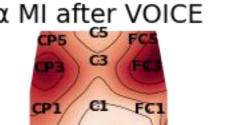


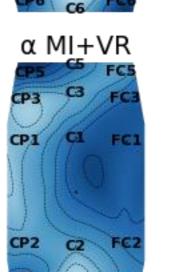












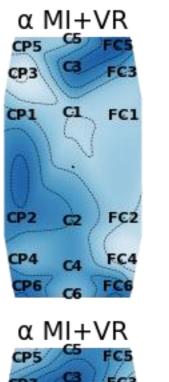
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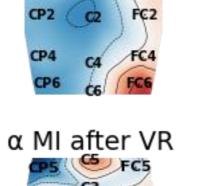
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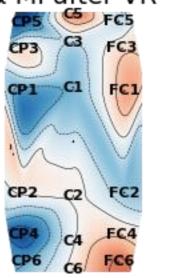
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CP4

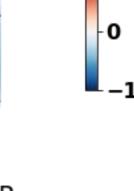
CP6





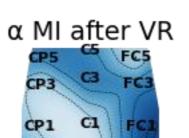


СРЗ





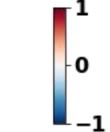




P6

C6 FC6







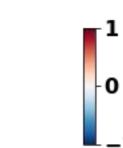
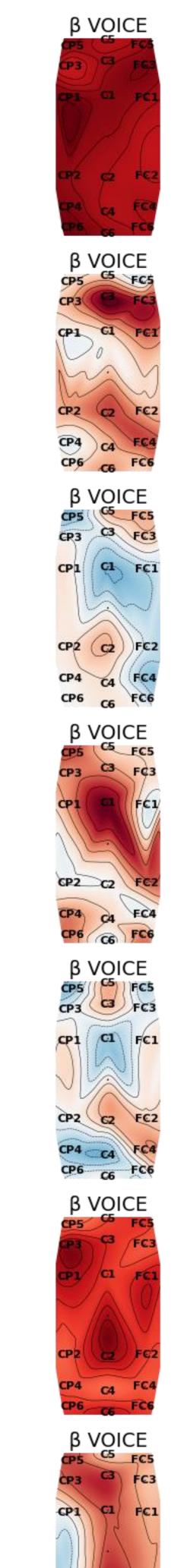


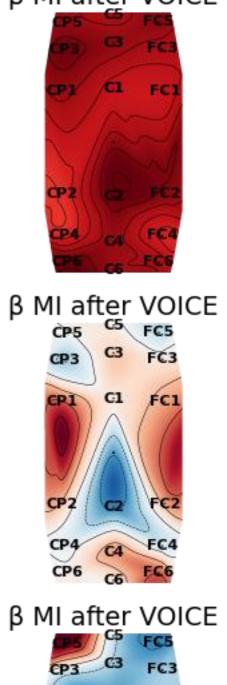


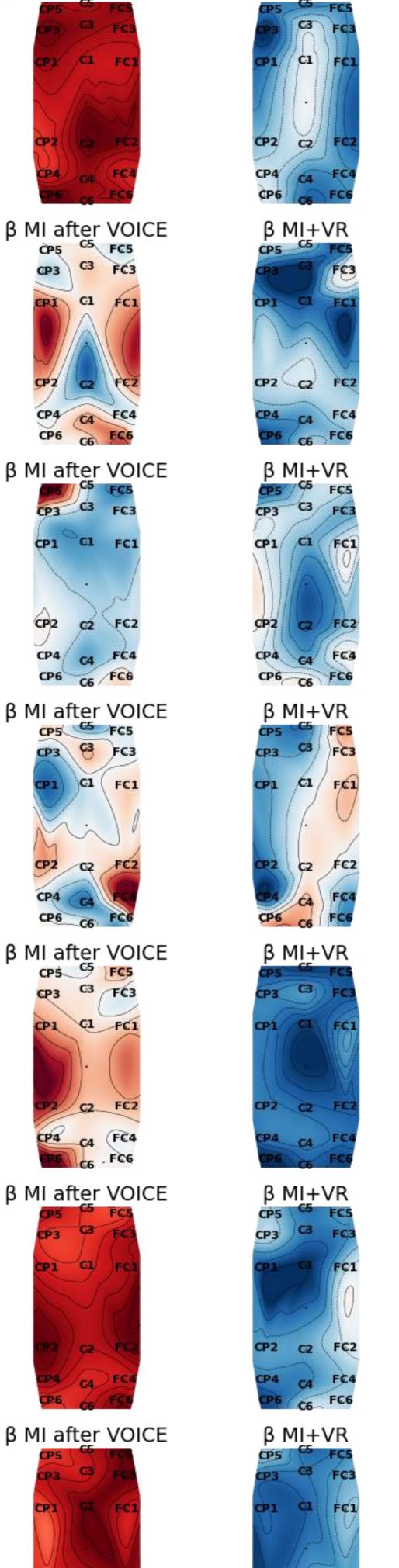


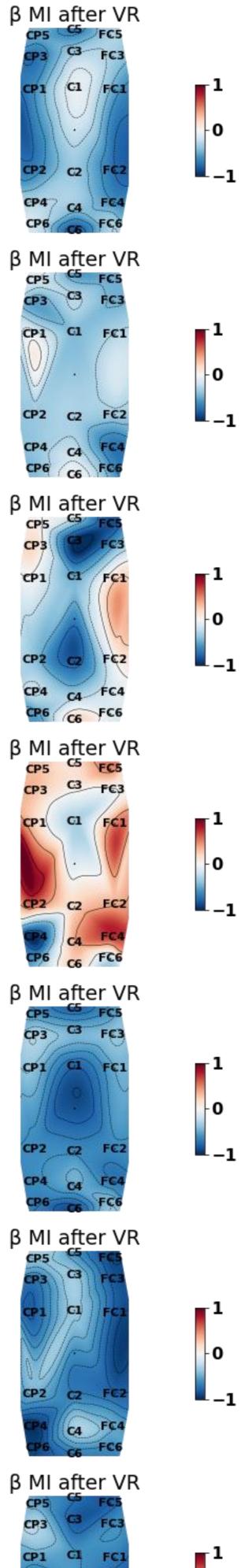


Figure 1: α band power scalp maps of stroke patients 1 to 7 (top row to bottom row) from Experiment 1 showing the intensity variations normalised relative to classes: VOICE, MI after VOICE, MI+VR and MI after VR. Red is 1 = maximum; blue is -1 = minimum.

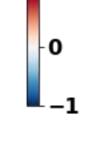








-0



CP1 C1 FC1

C2 FC2

CP4 C4 FC4

CP6 C6 FC6

CP3 G FC3

CP1 C1 FC1

3

CP2 02 FC2

CP6 C6 FC6

CP3 C3 FC3

CP1 C1 FC1

P2 C2 FC2

P4 C4 FC4

CP3 C3 FC

CP1 C1 FC

P2 (C2 FE

P4 C4 FC

CP6

P3

/FC

C) / FC

CR1 G /FC1

CP4

CP4 C4

CP2

β MI after VOICE

 $\beta$  MI+VR

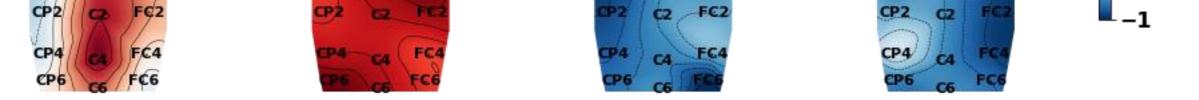
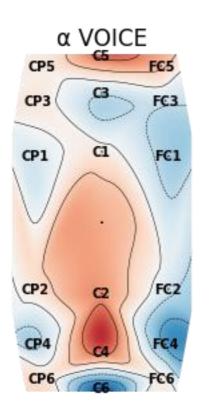
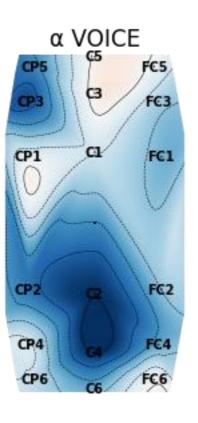
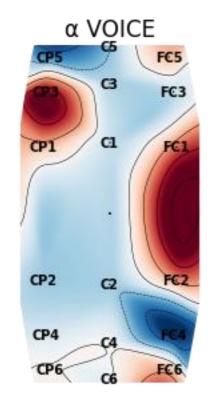
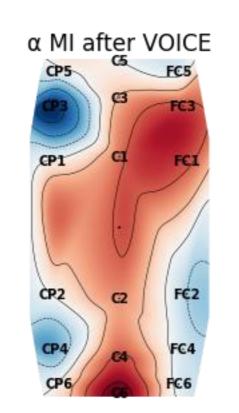


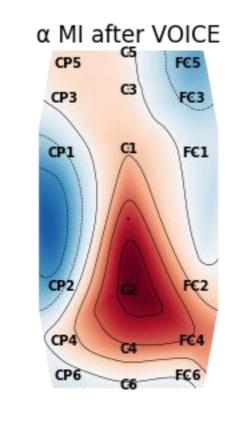
Figure 2: β band power scalp maps of stroke patients 1 to 7 (top row to bottom row) from Experiment 1 showing the intensity variations normalised relative to classes: VOICE, MI after VOICE, MI+VR and MI after VR. Red is 1 = maximum; blue is -1 = minimum.

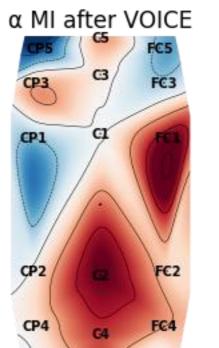


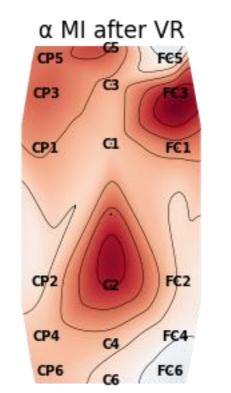


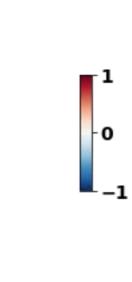








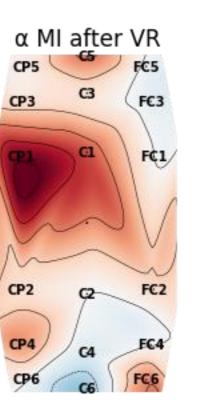


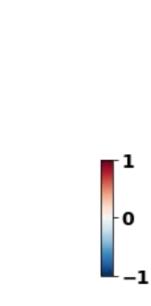


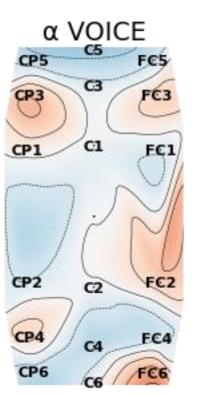
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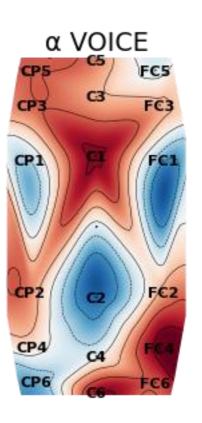
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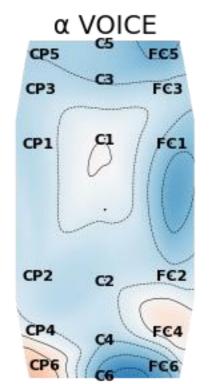
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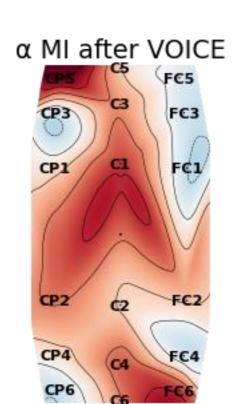


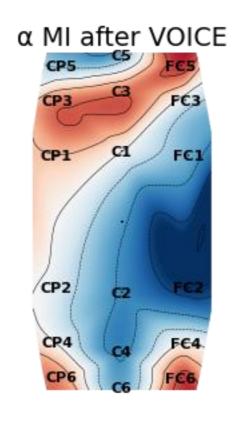
















CP4 \_ C4

02

 $\alpha$  MI after VR

-65

/C1

FE3

FC1

FC2

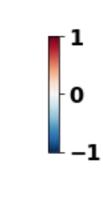
EC4

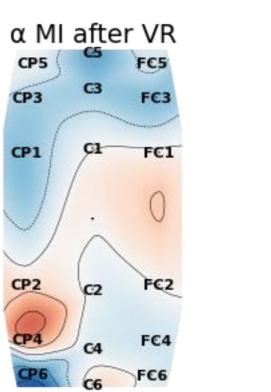
CP3

CP1

CP2









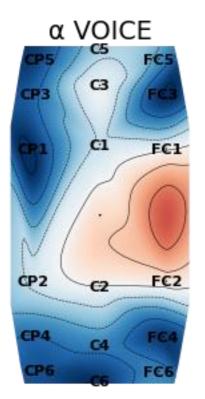


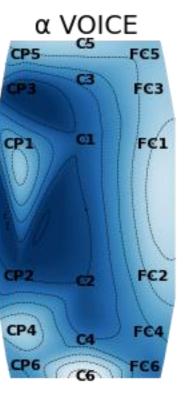
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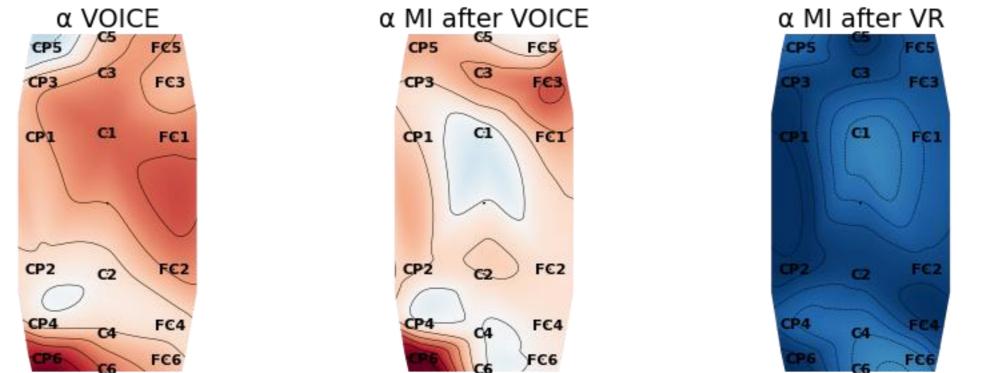
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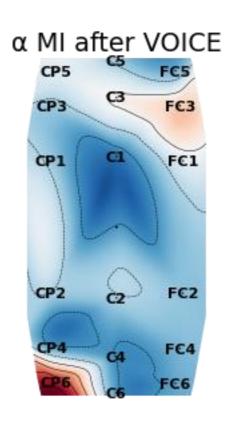
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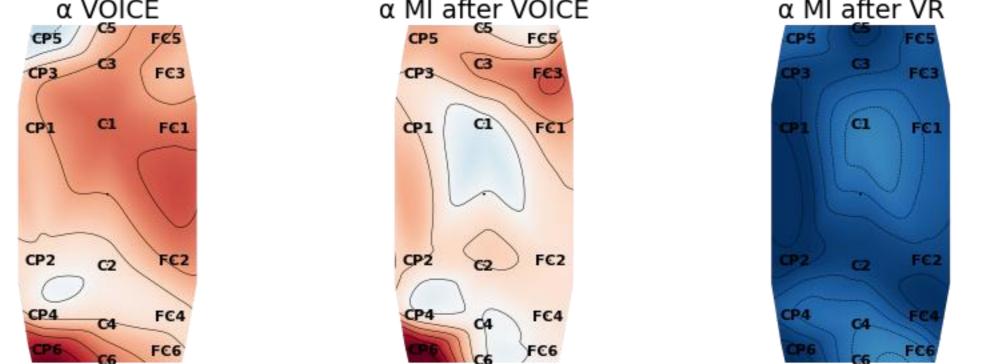






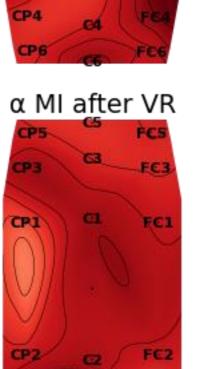


α MI after VOICE C3 FC3 CI CP2 FC4 CP4 C4 CP6 C6 FC6

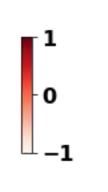




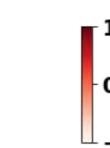


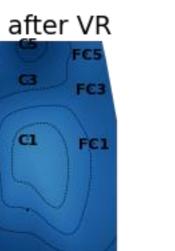


P 31

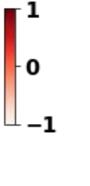




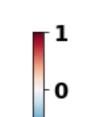




FC4









-1

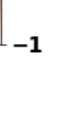
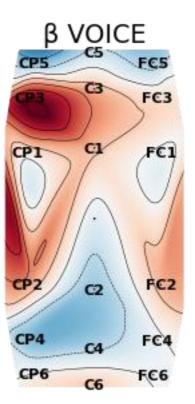
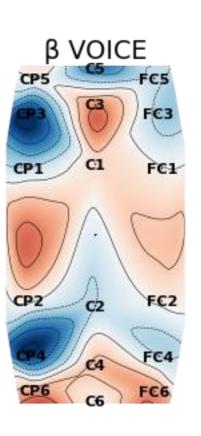
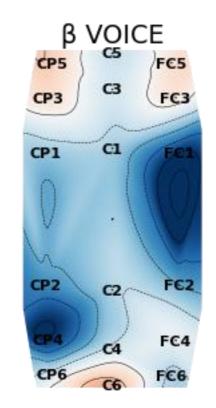
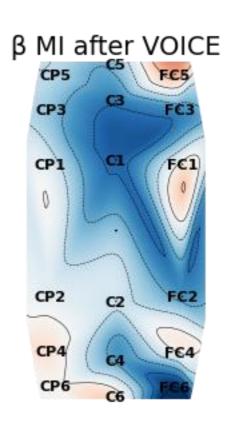


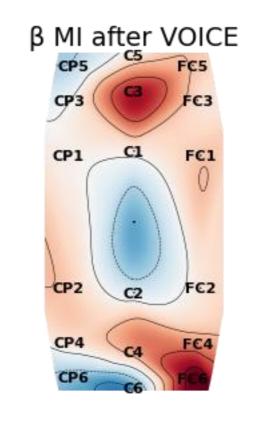
Figure 3:  $\alpha$  band power scalp maps of stroke patients 8 to 16 (top row to bottom row) from Experiment 2 showing the intensity variations normalised relative to classes: VOICE, MI after VOICE and MI after VR. Red is 1 =maximum; blue is -1 =minimum.

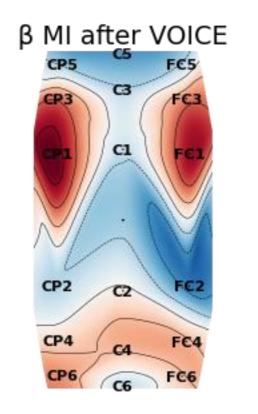












β MI after VOICE

C3

/C1

C2

C4

C6

EC5

FC3

FC1

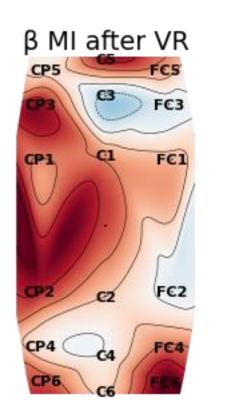
FC2

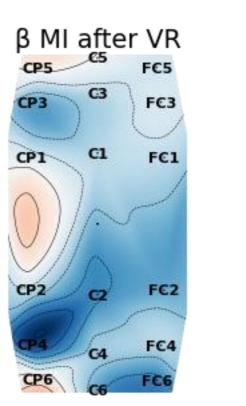
FC6

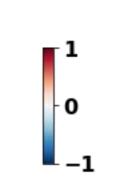
CP5-

CP4

CP6







1

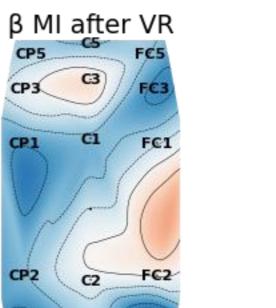
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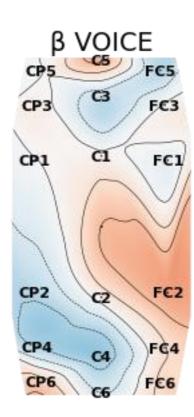
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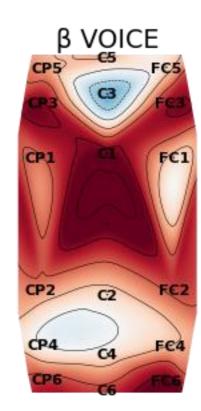
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β VOICE









 $\beta$  MI after VOICE



β MI after VOICE CP5 CP3 CP1 CI FC1 CP2



C3

C1

C2

64

193

CP1

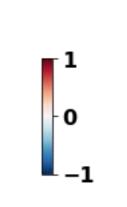
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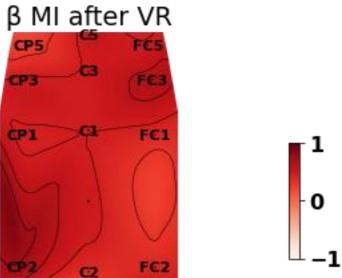
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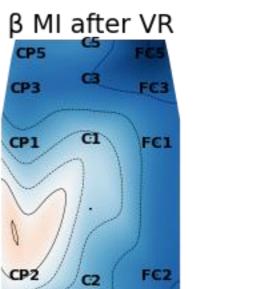
CP3

CP1

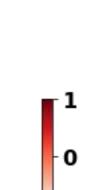
CP2







FC4



-1

-0

-1

1

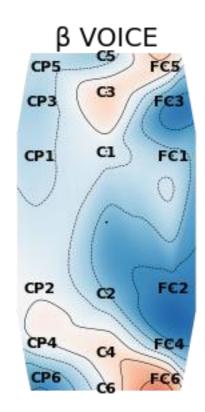
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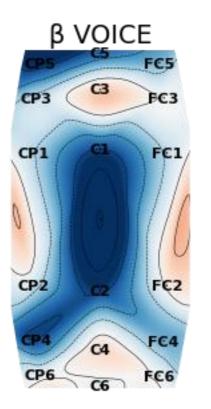
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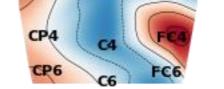
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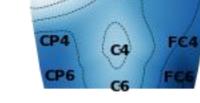


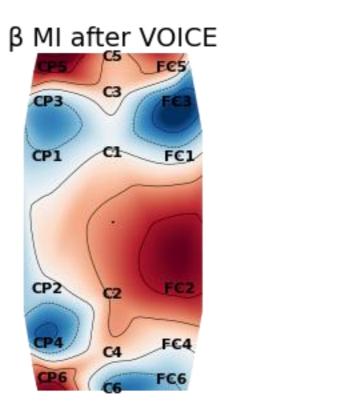


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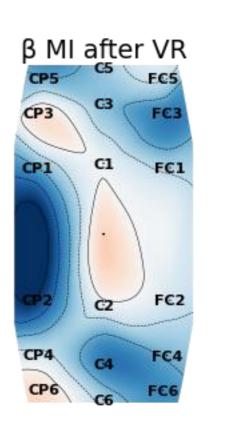
CP1

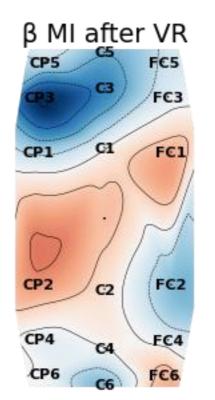
CP2





β MI after VOICE FC5 CP3 CI PC1 CP2 CP4 FC4 C4 FC6





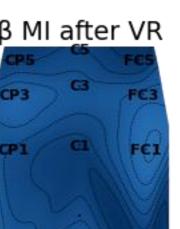


Figure 4: β band power scalp maps of stroke patients 8 to 16 (top row to bottom row) from Experiment 2 showing the intensity variations normalised relative to classes: VOICE, MI after VOICE and MI after VR. Red is 1 =maximum; blue is -1 =minimum.

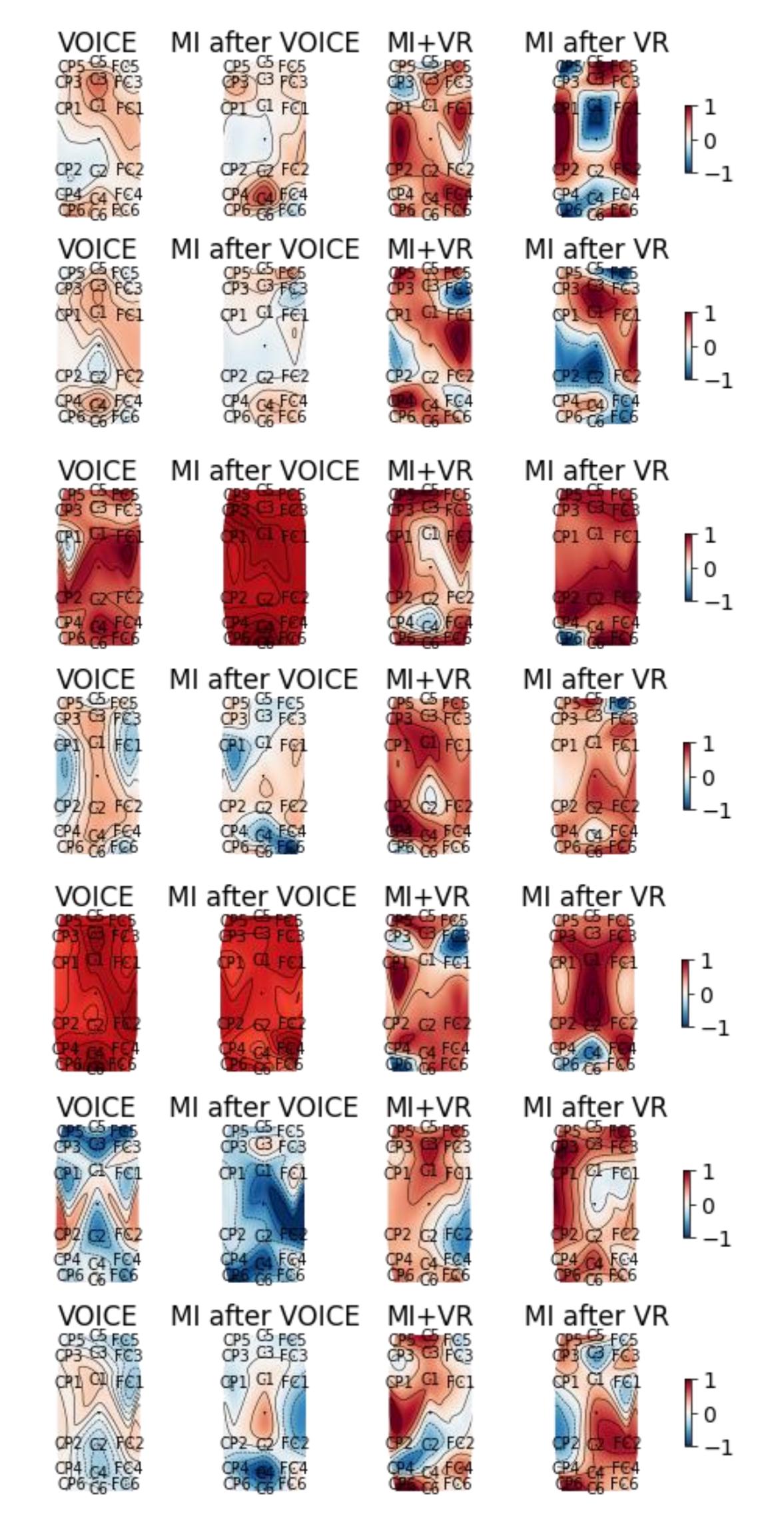
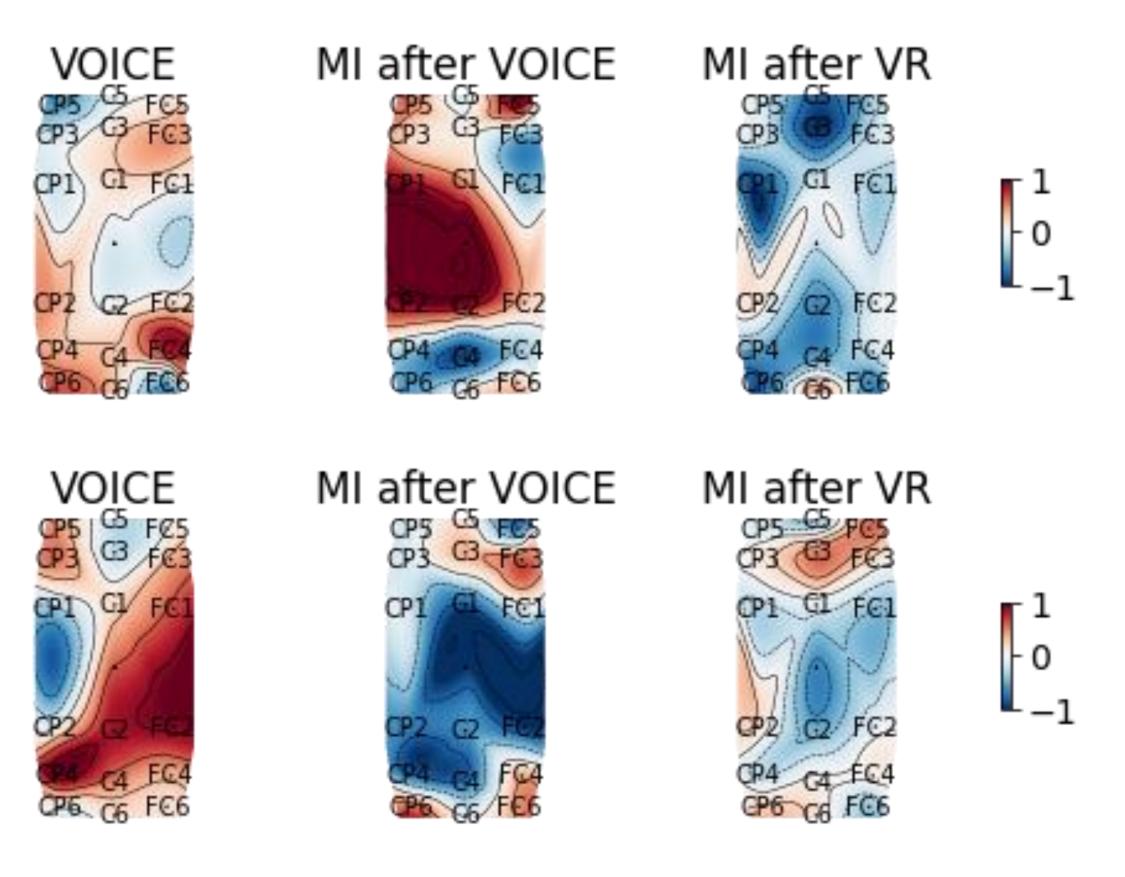
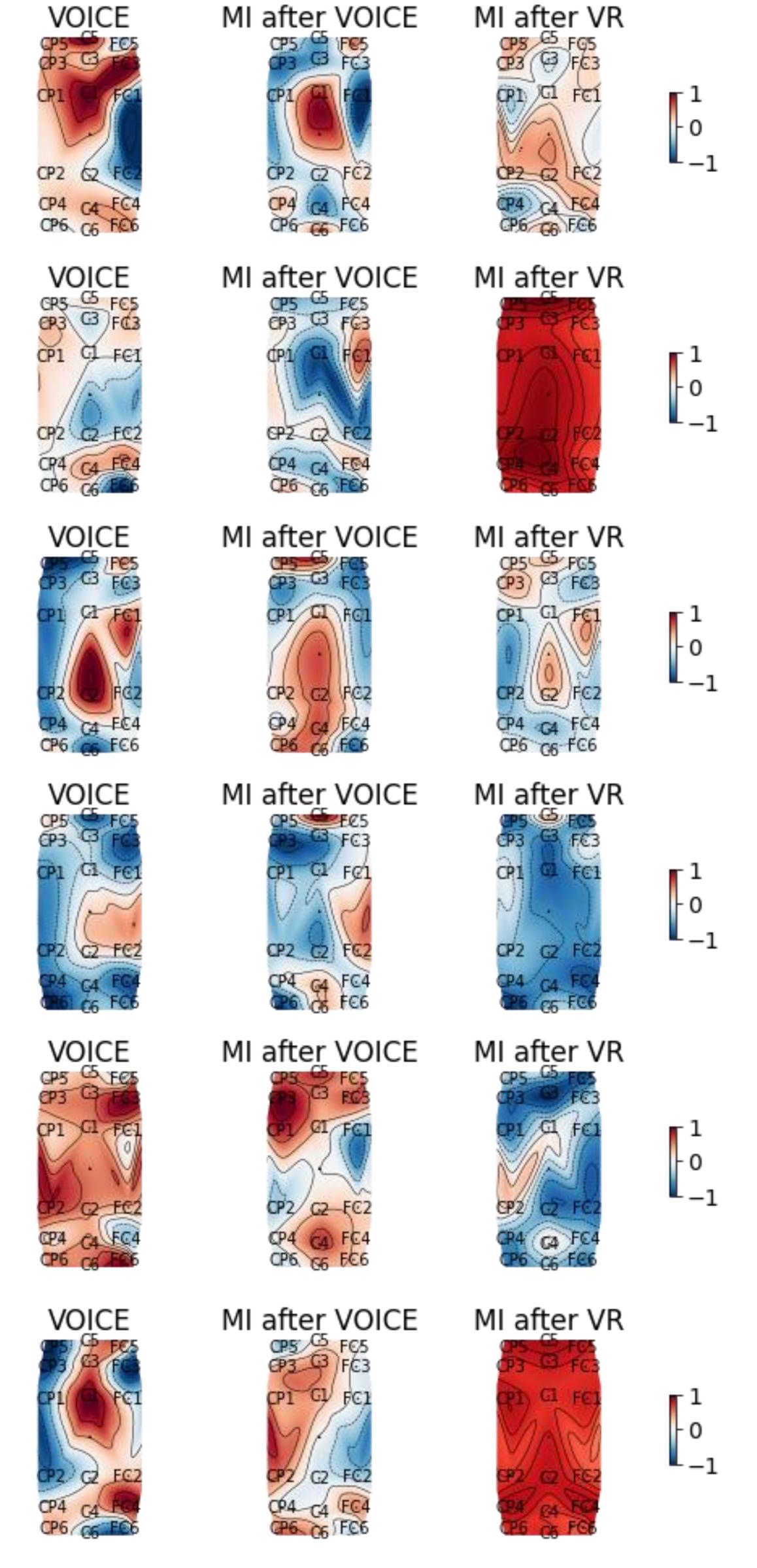


Figure 5: Spectral entropy scalp maps of stroke patients 1 to 7 (top row to bottom row) for frequencies 1-40 Hz showing the intensity variations normalised relative to classes from Experiment 1. Red is 1 = maximum; blue is -1 = minimum.





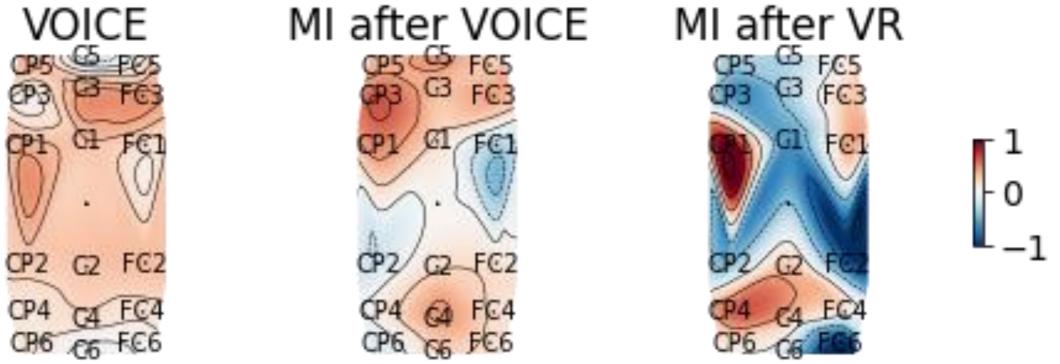


Figure 6: Spectral entropy scalp maps of stroke patients 8 to 16 (top row to bottom row) for frequencies 1-40 Hz showing the intensity variations normalised relative to classes from Experiment 2, respectively. Red is 1 = maximum; blue is -1 = minimum.