

## Supplementary Material

### **Neurophysiologic Correlates of Ketamine Sedation and Anesthesia: a High-Density Electroencephalography Study in Healthy Volunteers**

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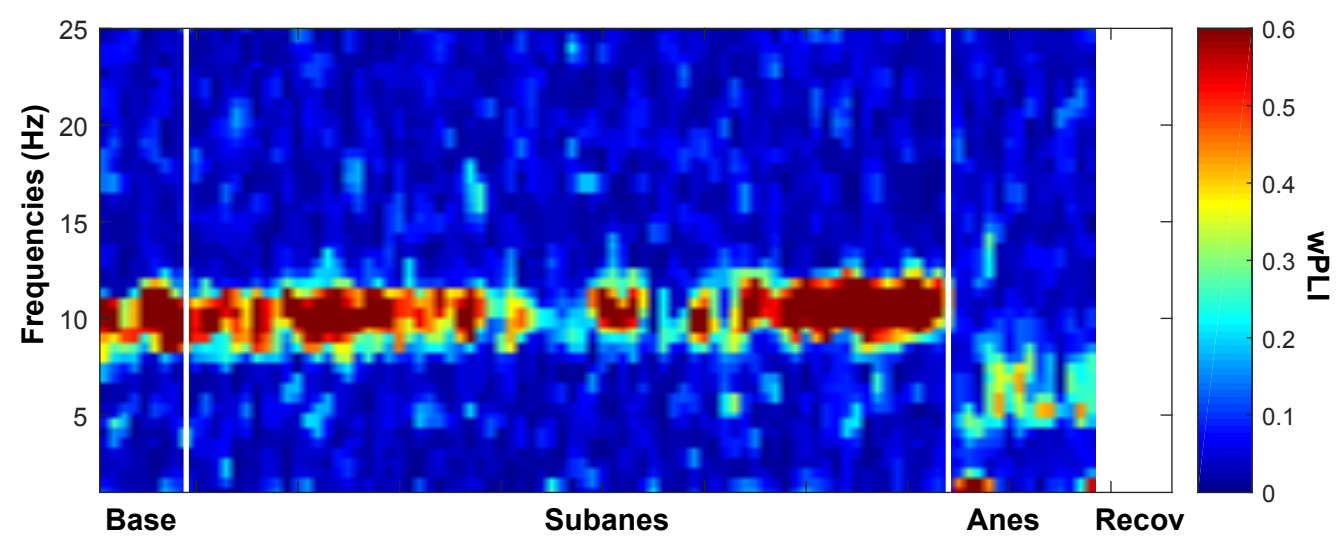
Department of Anesthesiology, Northwestern University Feinberg School of Medicine

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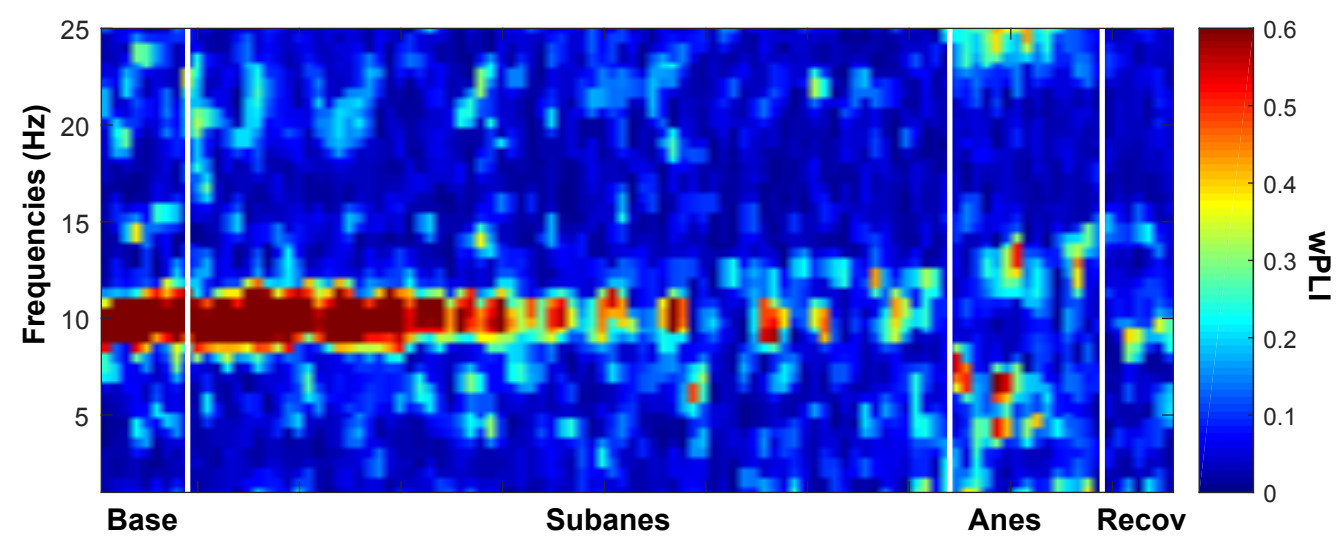
Neuroscience Graduate Program, University of Michigan Medical School

(GAM)

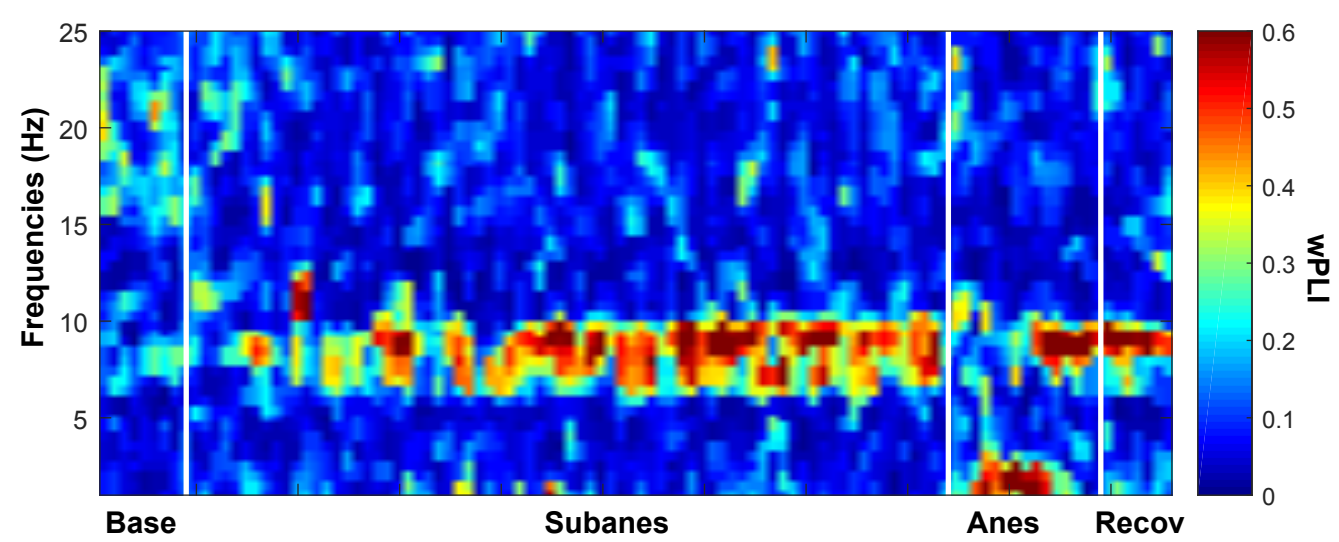
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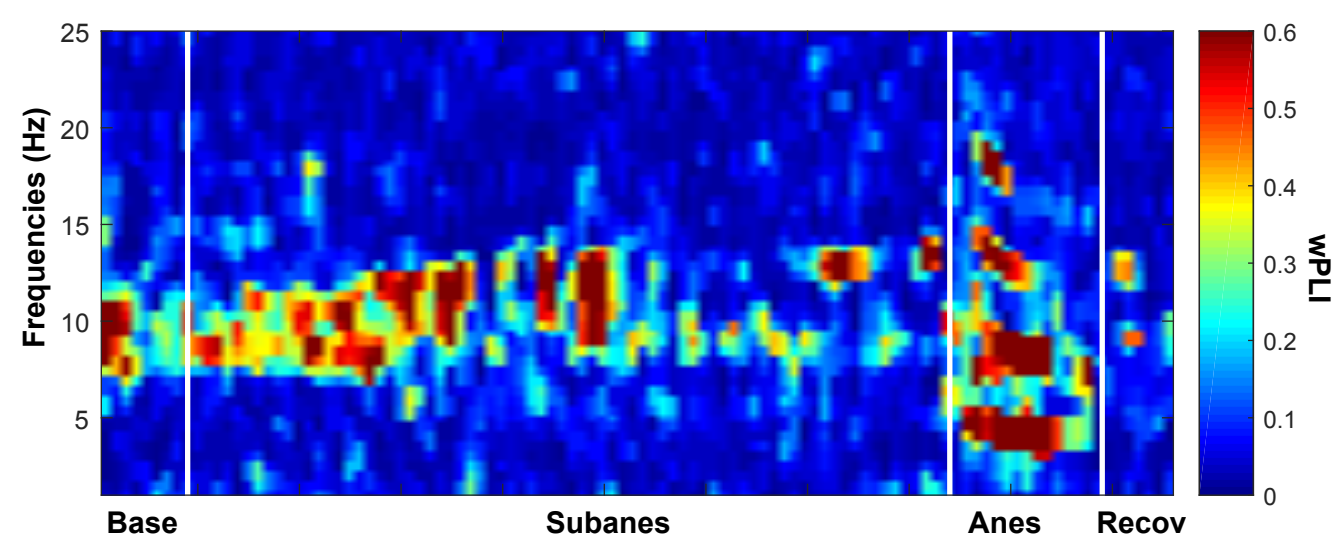
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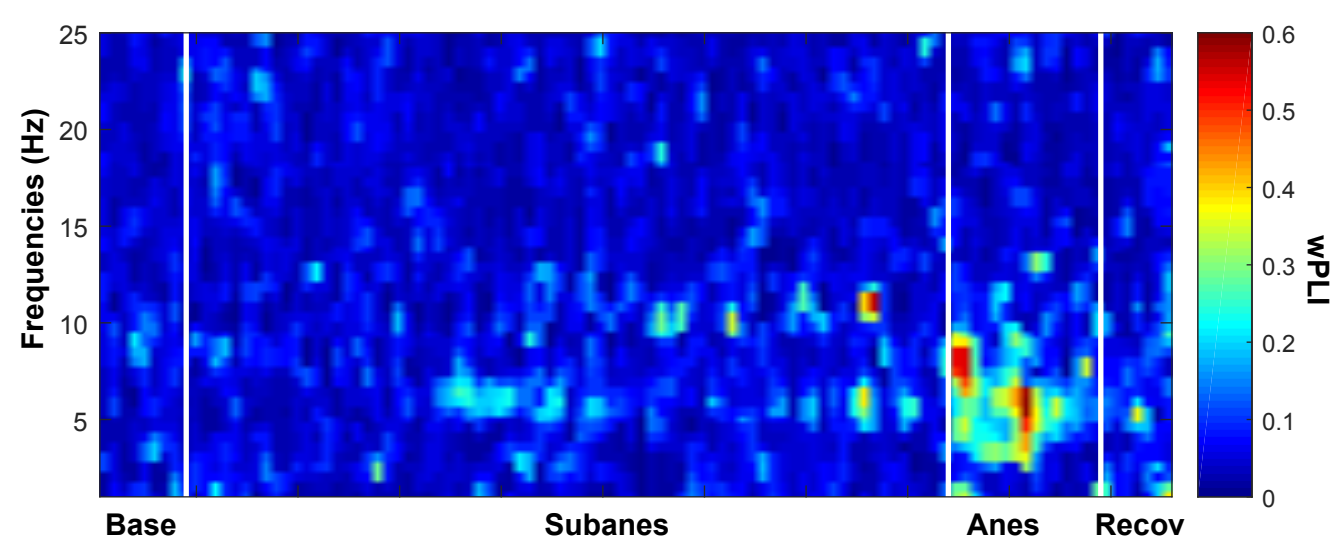
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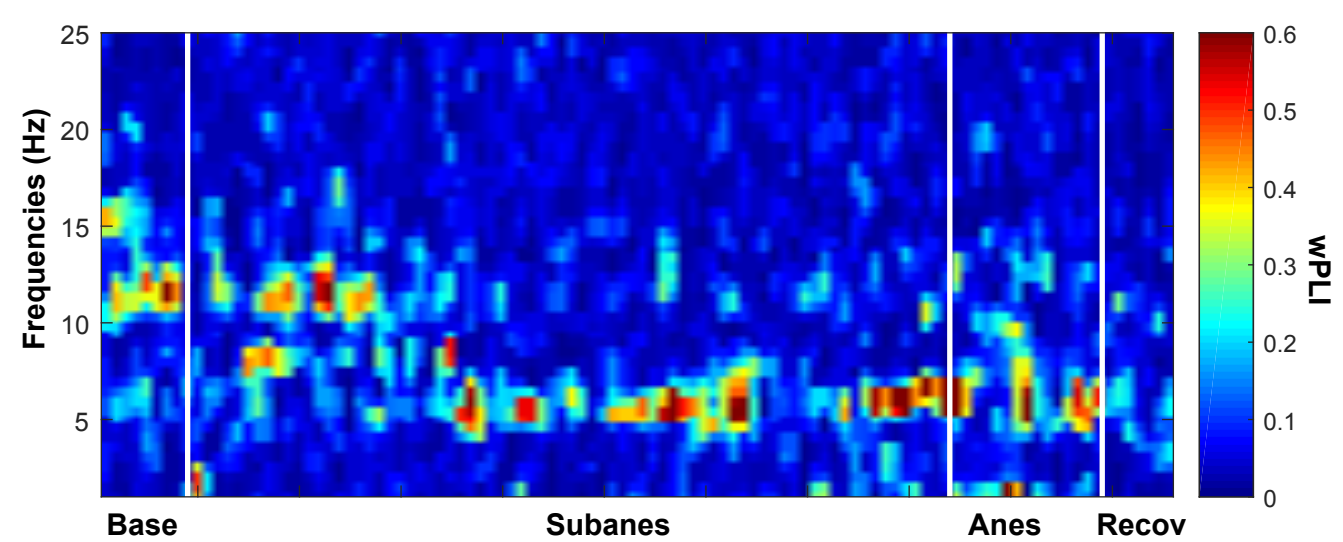
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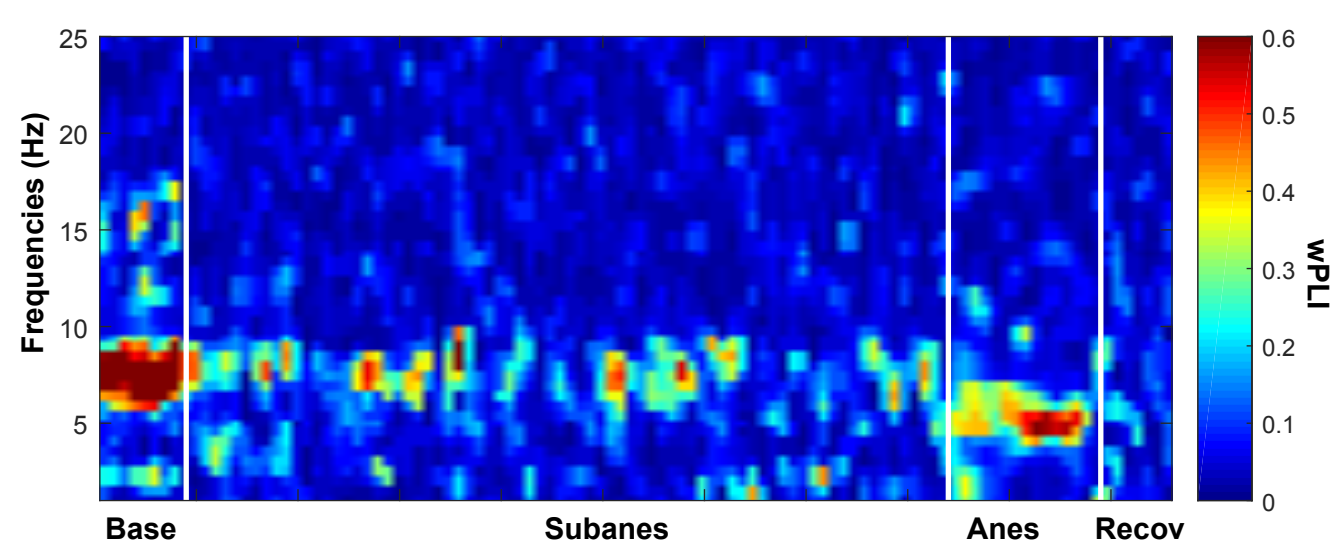
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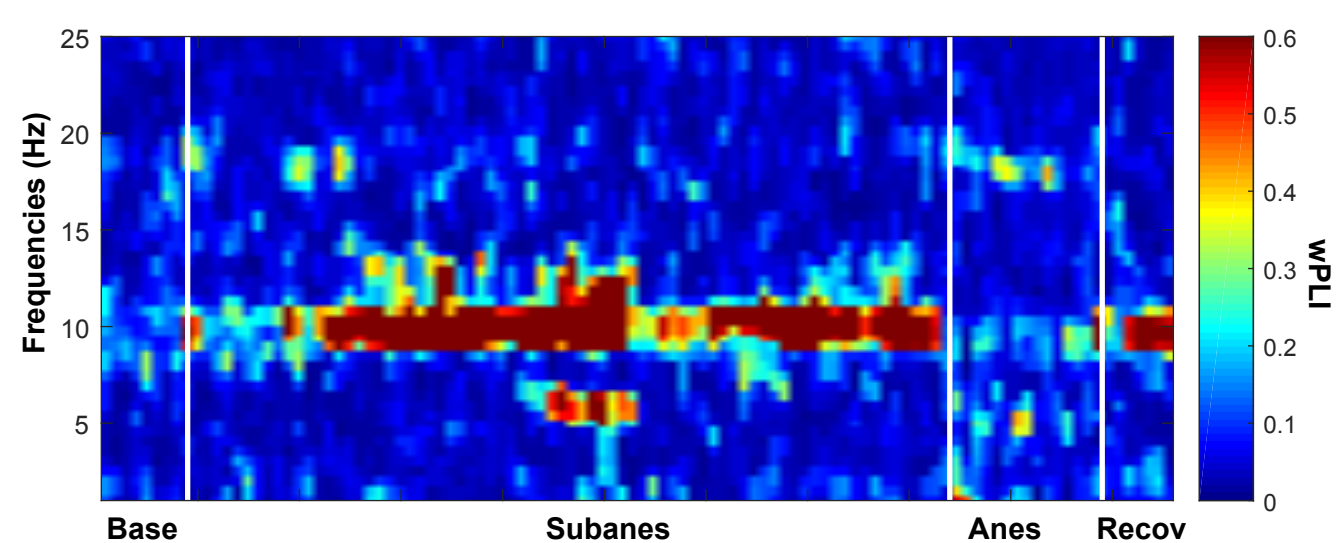
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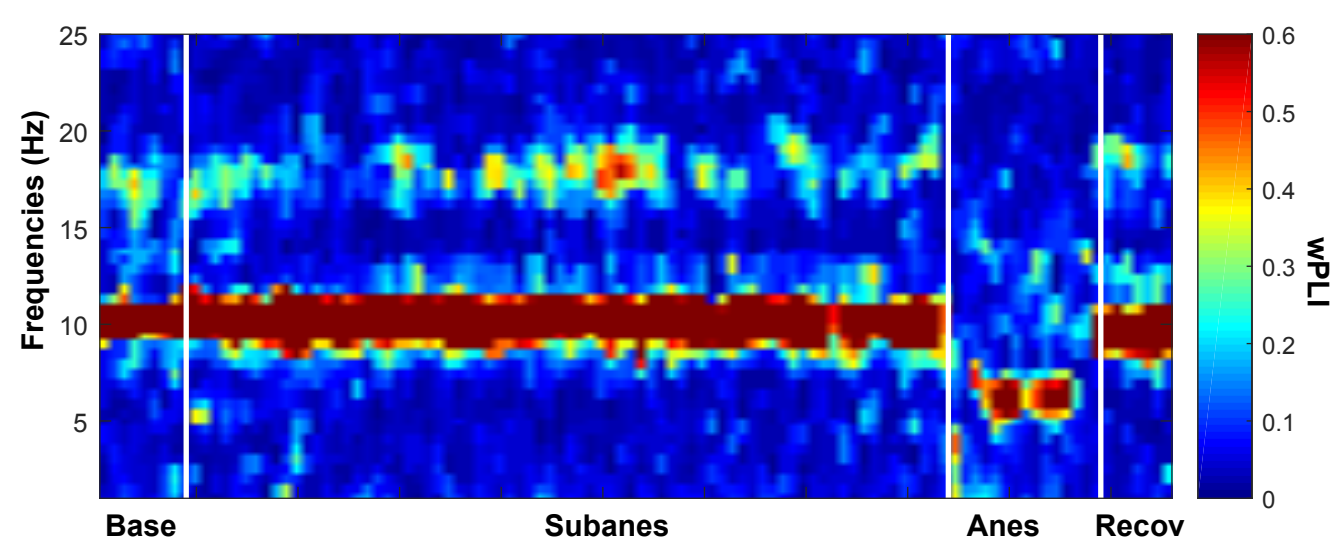
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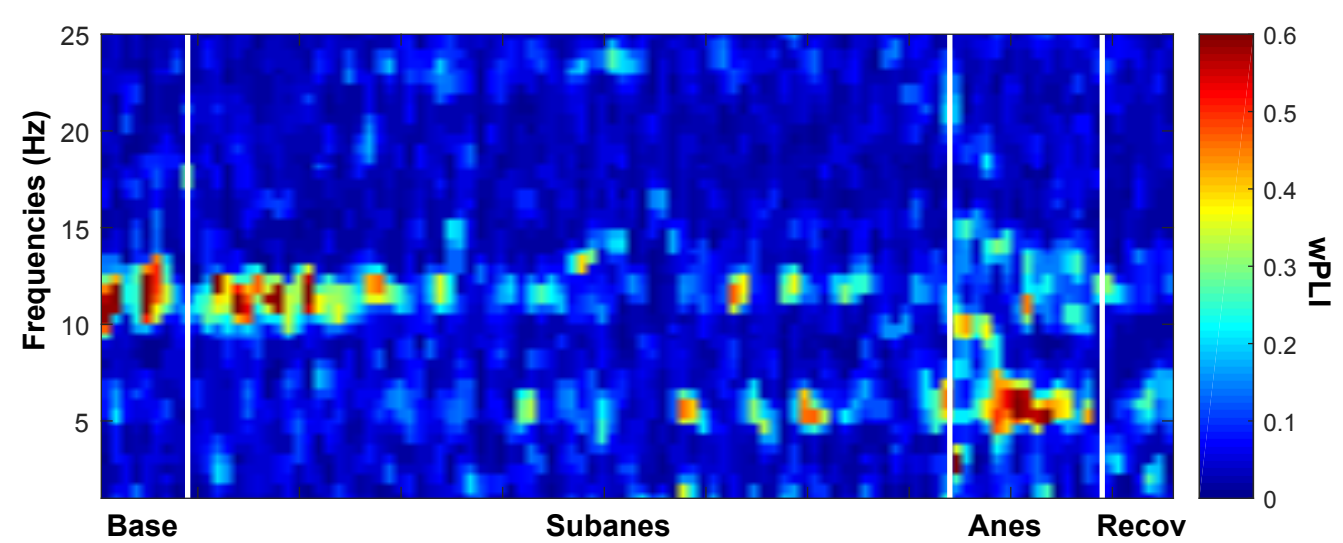
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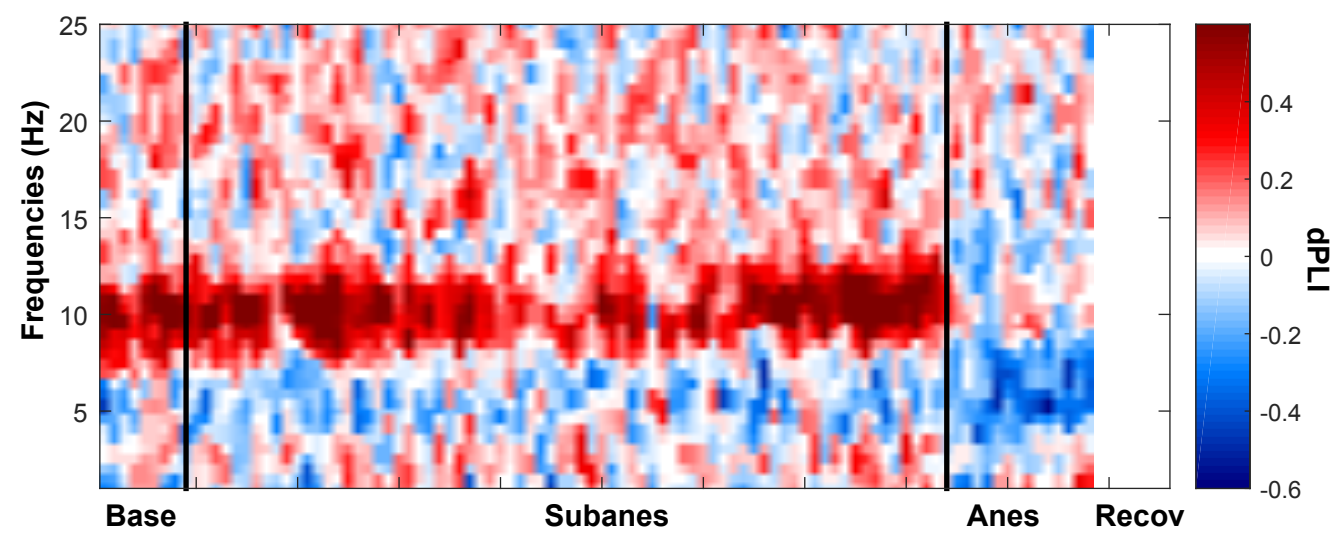


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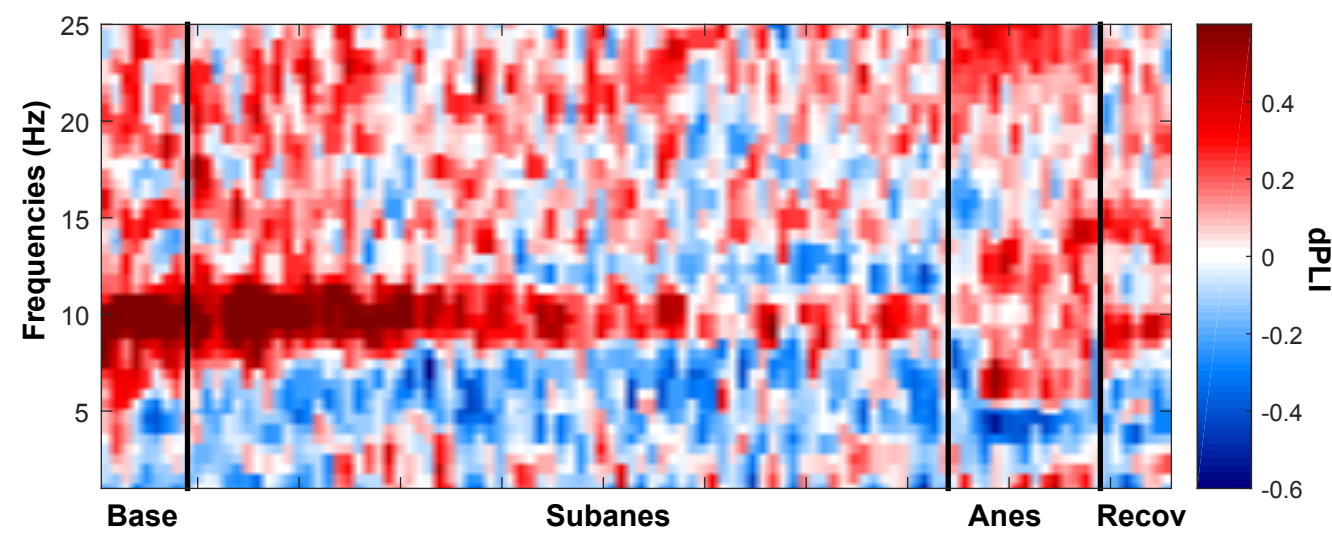


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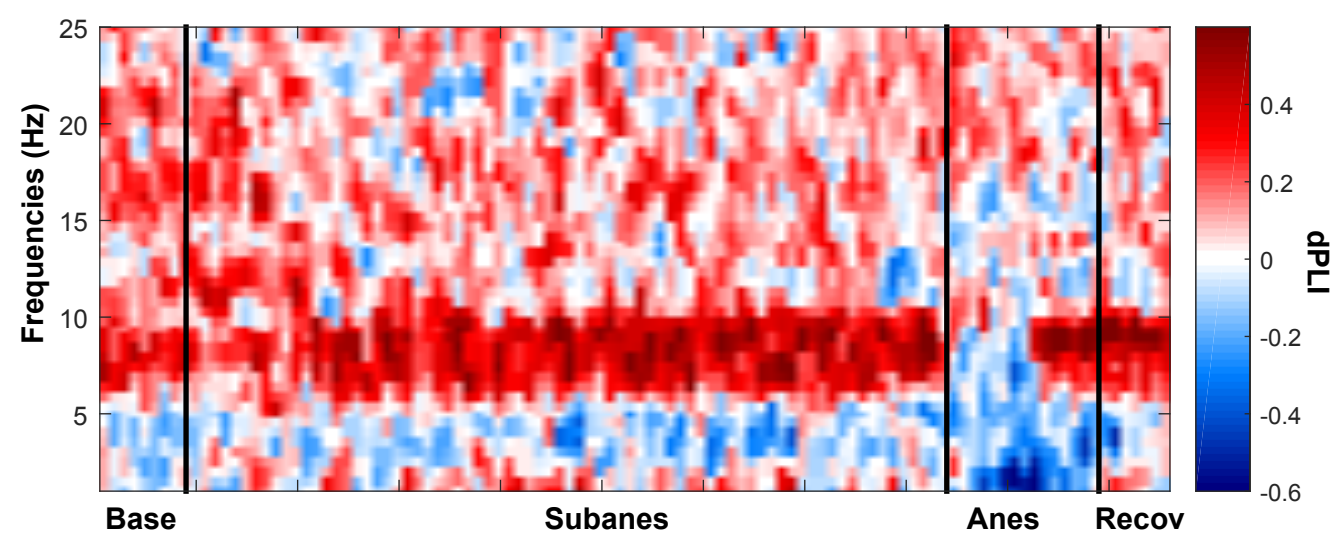


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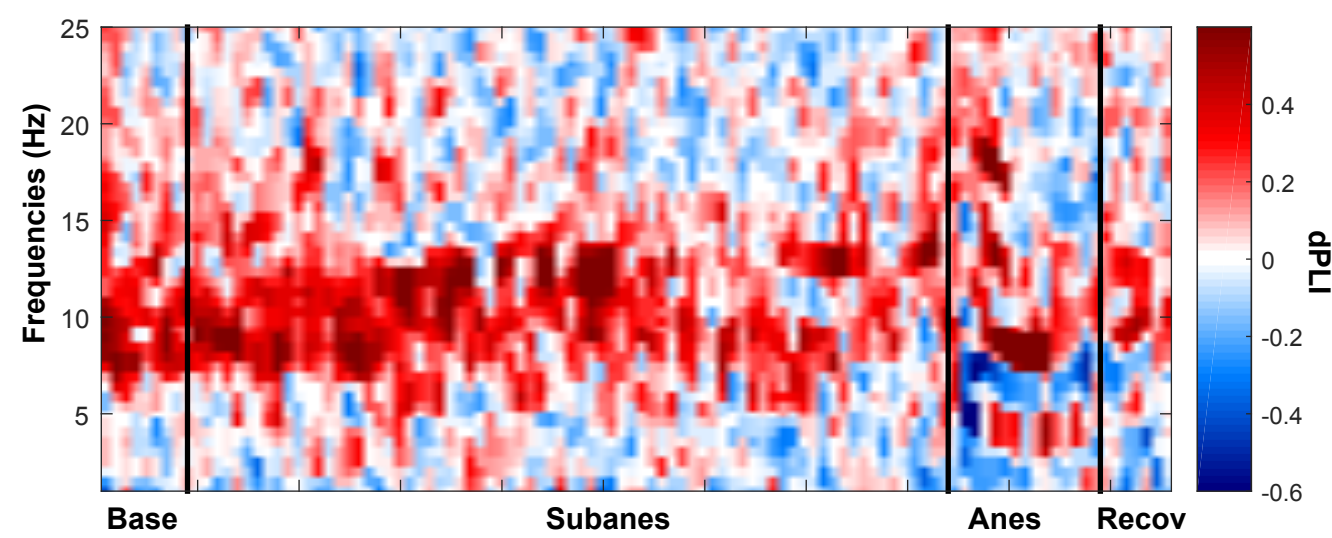
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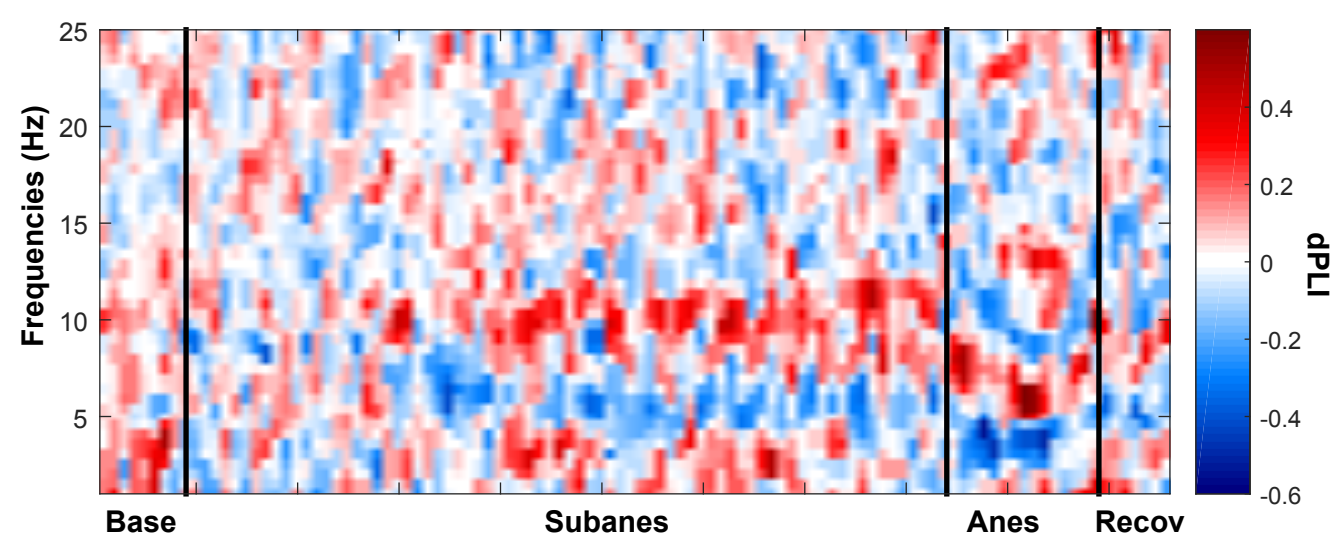
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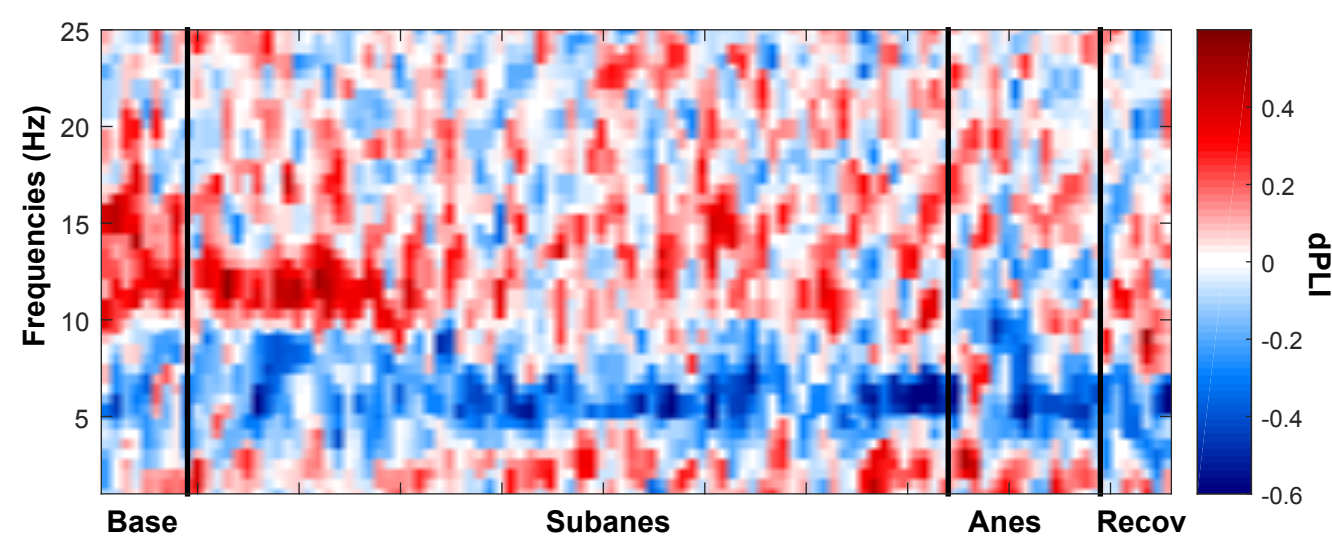
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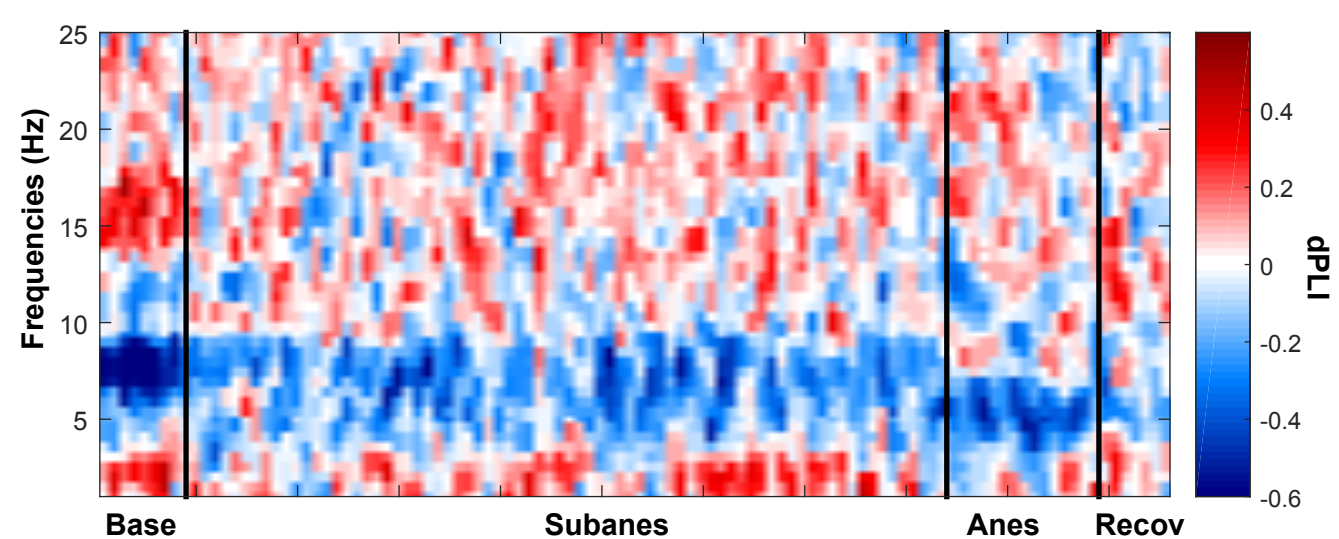
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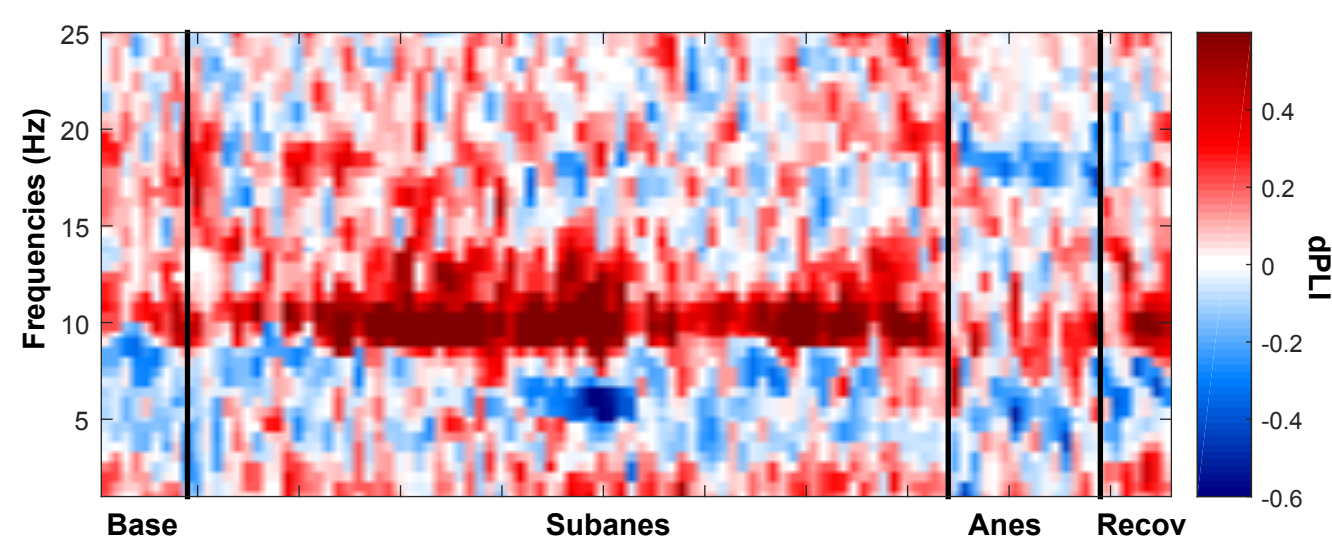
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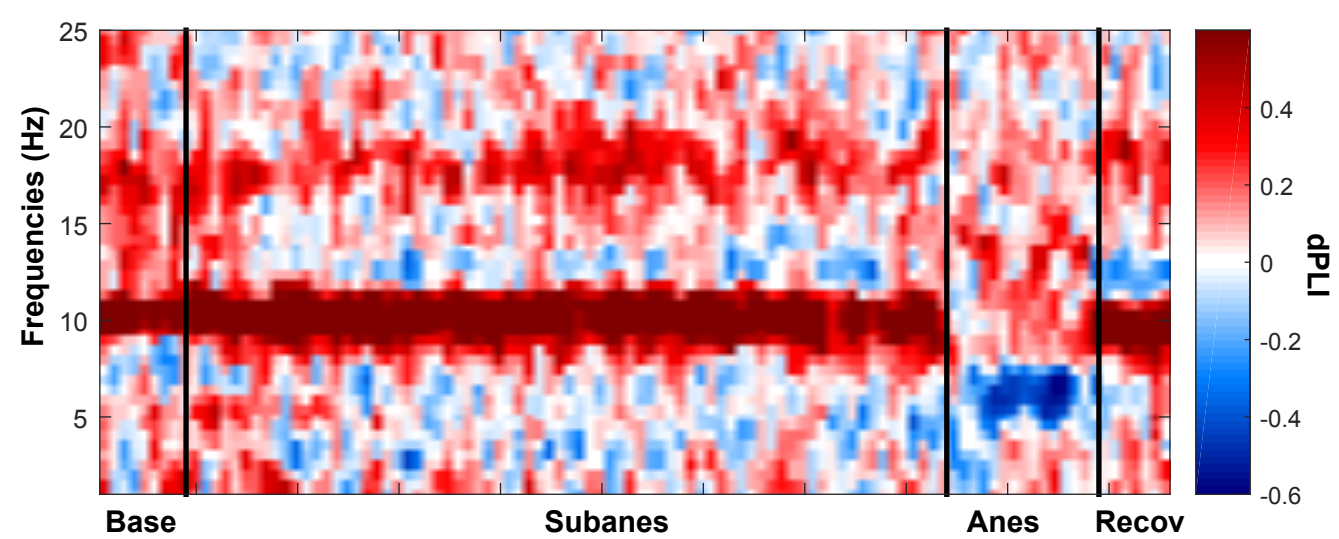
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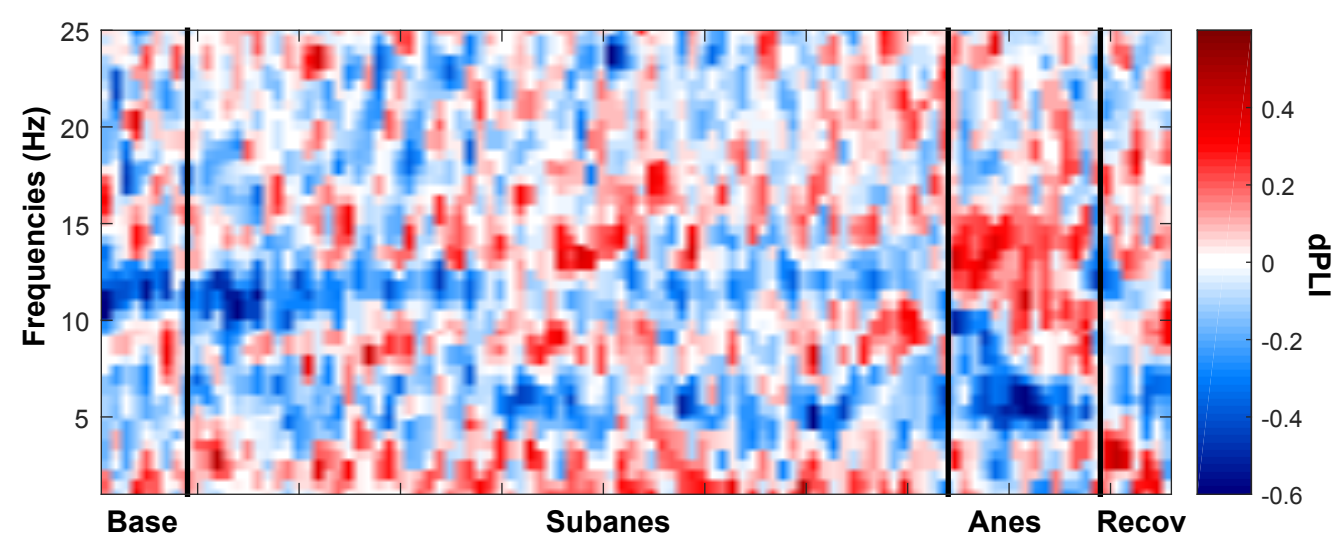
ID 8



ID 9



ID 10



**Supplemental Digital Content 3:** (A) Individual weighted phase lag index (wPLI) connectivity graphs displayed. Vertical white lines separate each experimental condition. Recovery data for participant 1 were unavailable. Color scale displays the degree of wPLI (n), an estimate of functional connectivity. (B) Directed phase lag index (dPLI) connectivity graphs displayed for each individual. Color scale depicts the degree of dPLI (n), an estimate of directional connectivity. Recovery data for participant 1 also unavailable for dPLI analysis. Base = baseline condition, subanes = subanesthetic condition, anes = anesthetic condition, recov = recovery condition.