

## Supplementary Material

## Decoding adaptive visuomotor behavior mediated by nonlinear phase coupling in macaque area MT

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## **Supplementary Figures**





**Supplementary Figure S2.** The characteristic bifrequency of QPC in the fast and the slow trials for each target position condition (Target-In\Target-Out). This figure is a replication of Fig. 5, but the error-bars were calculated using the scale estimator " $S_n$ " method. The scale estimator is an alternative approach to MAD (used in Fig. 5) that is employed for skewed distributions (Rousseeuw and Croux, 1993). " $S_n$ " is computed by  $S_n = \text{median}_i\{\text{median}_j (|x_i - x_j|)\}$ , where i and j are two arbitrary samples from a total of n samples in a given distribution (i.e.,  $\text{Bic}_{\text{fast}}$  or  $\text{Bic}_{\text{slow}}$ ).

## Supplementary References

Rousseeuw, P. J., and Croux, C. (1993). Alternatives to the Median Absolute Deviation. *J. Am. Stat. Assoc.* 88, 1273–1283. doi:10.1080/01621459.1993.10476408.