Receptive field maps depend on high order structure: evidence for nonlinear feedback.

**CONCLUSIONS**

- By performing linear receptive field analyses, we find consistent and significant deviations from the predictions of models based on linear receptive fields. This suggests that nonlinear feedback can play a role in determining receptive field structure.
- The results support the idea that nonlinear feedback is an important factor in the receptive field structure of V1 neurons.

**APPENDIX AND ACKNOWLEDGMENTS**

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**REFERENCES**