Figure S1. **Pattern analysis of early visual cortex based on probabilistic maps of V1 and V2.**
(A) Anatomical definition of ventral and dorsal V1 and V2 based on probabilistic retinotopy
atlases (Wang et al., 2012). (B) Pattern dissimilarity for substantial-change and minimal-change
conditions in V1 and V2. In V1, pattern dissimilarity did not reliably differ across conditions,
and object-change ratings did not reliably predict pattern dissimilarity (p's > .1). In V2, there was
a marginally reliable pattern-dissimilarity difference across conditions ($t(13) = 2.06$, $p = .06$), and
a similar trend in a linear model based on the object-change ratings ($t(13) = 2.12$, $p = .05$). The
finding that change-specific pattern dissimilarity effects were strongest in V2 is consistent with
neuroimaging and neurophysiology evidence of stimulus selectivity in striate and extrastriate
visual cortex (Hegdé and Van Essen 2000; Wilkinson et al. 2000). However, this pattern-
dissimilarity difference between V1 and V2 did not approach statistical significance in either the
condition-based or ratings-based analysis (p's > .9). Tilde signifies $p = .06$.