A Large-Scale Analysis of Music-Color Synesthesia Sarah E. Schwettmann ${ }^{1,2}$, Sara J. Churchill ${ }^{2}$, David M. Eagleman ${ }^{2,3}$
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## Introduction

Music-color synesthesia is a perceptual condition in which musical sounds trigger sensory experiences of color. We here employ data from 4,834 validated synesthetes who experience color in conjunction with instrument timbre, notes, and/or chords. Although synesthesia has been noted in the scientific literature for over a century, it is generally studied with small sample sizes. Here, with data from thousands of trends in music-color synesthesia, elucidate individual trends in music-colo synestural form underlying chord color assignments. color assignments.



