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Aaron Robertson* (arobertson@colgate.edu). *On the Distribution of Ramsey Objects.*

Given the intractable calculations for Ramsey-type numbers, we approach the problem from a statistical viewpoint. In addition to finding astoundingly good approximations for the distributions enumerating monochromatic objects, by presenting strong evidence, we hope to convince the viewer that statistical Ramsey theory could prove to be a fruitful endeavor. This is joint work with Will Cipolli and Maria Dascalu (undergraduate). (Received September 11, 2017)