

Clarifying Comment on US EPA's Integrated Science Assessment for Ozone (External Review Draft)

Julie E. Goodman, Ph.D., DABT, FACE, ATS

Gradient

December 4, 2019

CASAC members were discussing where to find a heat map that Gradient created for epidemiology studies. An example of this is on page 21 (page 27 of the pdf) of the November 2019 Gradient PM PA comments. There is a fuller list of categories that can be considered for all study designs (not just epidemiology studies) in the Appendix of Gradient's 2019 Ozone ISA comments (page 51 of the pdf). This is part of a larger framework that is now under review in a peer-reviewed journal that not only addresses study quality and risk of bias, but also provides detailed methods for integrating studies in a way that fully and systematically considers individual study quality and relevance and that considers the coherence of results across studies within and across scientific disciplines. Please note that the study quality categories are based on the categories listed in the Annex of the Ozone ISA.