

# On models for equivariant $\infty$ -operads

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Higher operad theory can be formalized by means of different models. These include dendroidal sets, simplicial operads, and dendroidal spaces, among others. By using tools developed by M. Stephan, we will describe  $G$ -equivariant versions of these models, for  $G$  an arbitrary discrete group, and we will prove that they are all equivalent. This generalizes and extends previous work by J. Bergner on models for equivariant  $(\infty,1)$ -categories. This is joint work in progress with J. Bergner.