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Group actions on $(\infty, 1)$-categories

Many naturally-arising $(\infty, 1)$-categories are equipped with a group action. A natural question to ask is whether such a structure can be described diagrammatically, especially since many models for $(\infty, 1)$-categories are given by Δ^{op}-diagrams of sets or spaces satisfying some additional assumptions. In joint work with Philip Hackney, we describe diagrams for encoding group actions (or more general category actions) on simplicial structures.