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Constraints on the Standard Model dimension 6 effective Lagrangian with HEPfit (15' + 5')

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Using the HEPfit code, we derive constraints on dimension 6 gauge-invariant operators involving Standard Model fields using Electroweak Precision Observables and Higgs signal strengths. We present bounds on Wilson coefficients and translate them into bounds on the New Physics scale. We obtain bounds on individual coefficients and discuss the most general set of operators that can be simultaneously constrained using present data.

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