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**A Model Independent Search Using D0 Run II Data** JOEL PIPER, Michigan State University, D0 COLLABORATION — We present a status report on model independent searches at the D0 experiment using a subset of data from RunIIa of the Tevatron containing high-$p_T$ objects. The data is divided into non-overlapping final states and carefully compared to the Standard Model prediction. This approach complements model-dependent searches by scanning systematically across many final states some which would otherwise be considered only within the context of very specific models or not considered at all. Once all effects due to SM implementation, detector modeling and statistical fluctuations are taken into account, we search for deviations which could indicate the presence of physics beyond the Standard Model.

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