

1125-54-2152      **C Caruvana\*** ([christopher.caruvana@unt.edu](mailto:christopher.caruvana@unt.edu)) and **R Kallman**. *Descriptive Set Theory and Borel Probabilities*.

We will study certain sets of Borel probabilities on a Polish space and introduce a  $\sigma$ -ideal of sets which extends the  $\sigma$ -ideal of meager sets which, in many models of ZFC, is a strict extension. We will also show that the  $\sigma$ -ideal introduced strictly extends the  $\sigma$ -ideal of universally null sets and discuss some applications of Martin's Axiom. (Received September 19, 2016)