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- We apply two seismic source discriminants to UK seismicity in a novel application
- Our results suggest that ***P/S* amplitude ratios work as a seismic source discriminant in the UK**
- A machine learning model for discrimination, trained only on seismic events in France, achieves **>95% accuracy when applied to our UK dataset**
- The combined *P/S* and machine learning results form a **multi-variate discriminant which improves the discrimination accuracy**

