

DSI Lancaster

Rhian Davies

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Who am I?

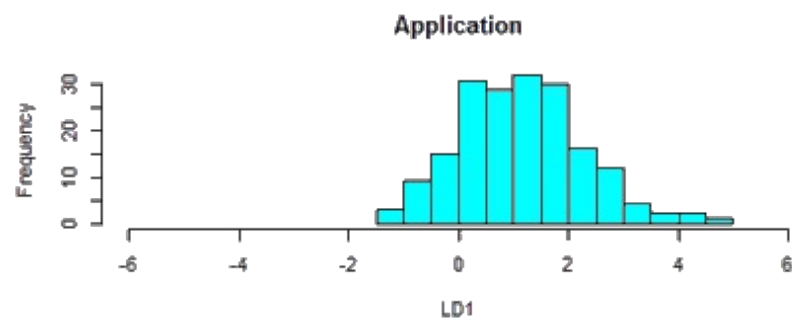
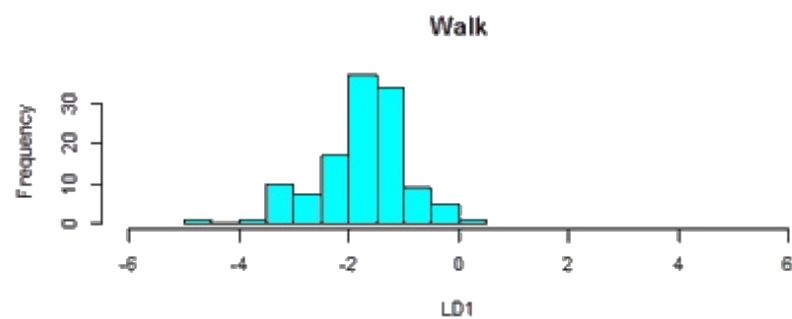
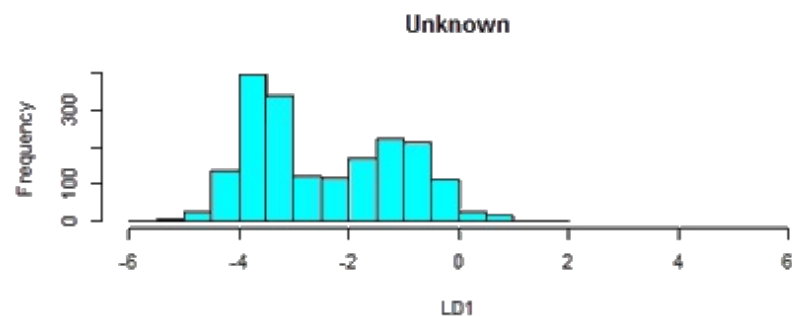


Unilever

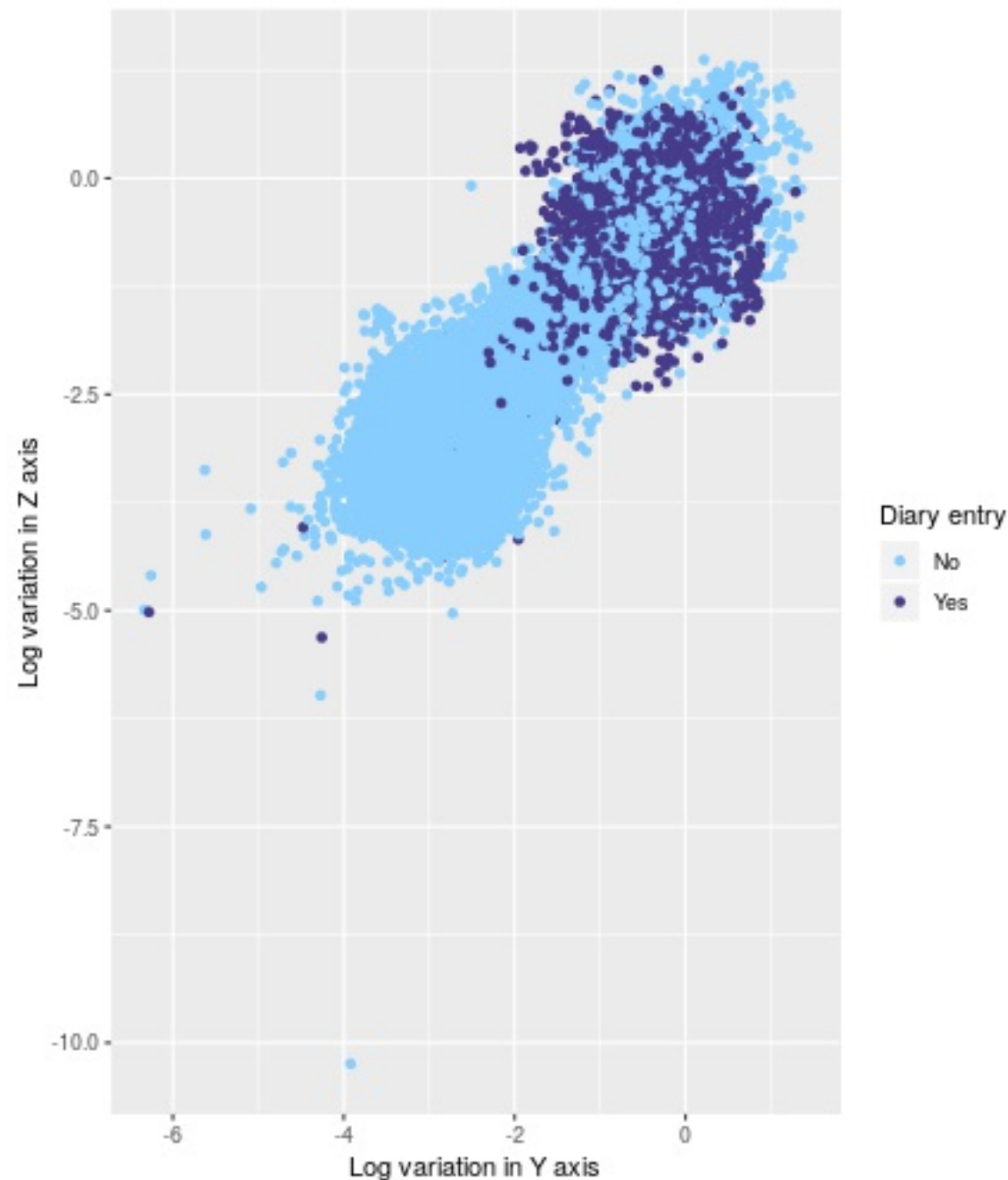


Our solution

- Split events up in to "chunks" of 2 seconds.
- Use Linear Discriminant Analysis to identify useful data features for classification.

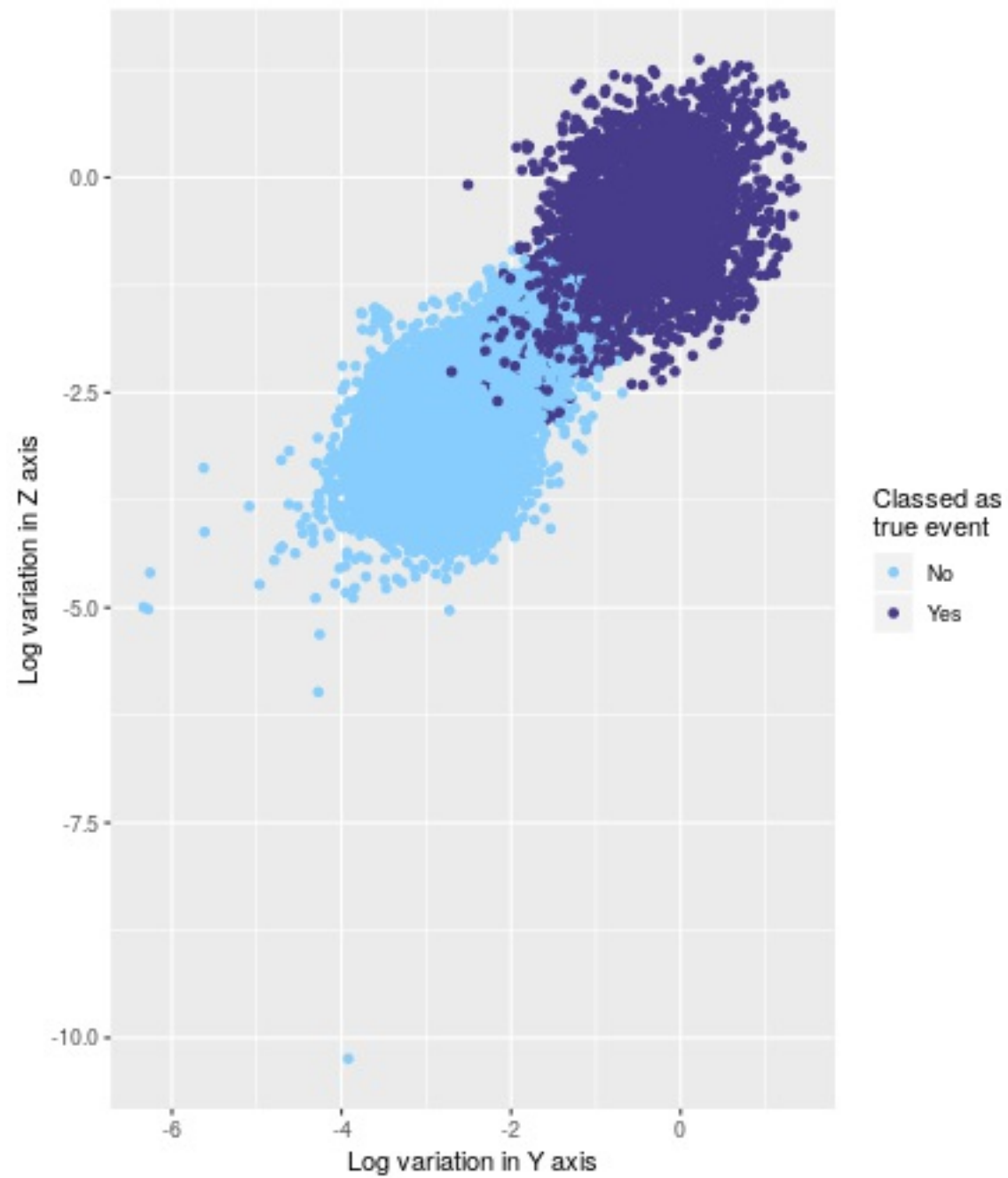


Applying this the full UK study



Movement is generally characterised by **low feature values**, and roll-on application is characterised by **high feature values**.

Keep it simple!



Arctic Shores



Arctic Shores



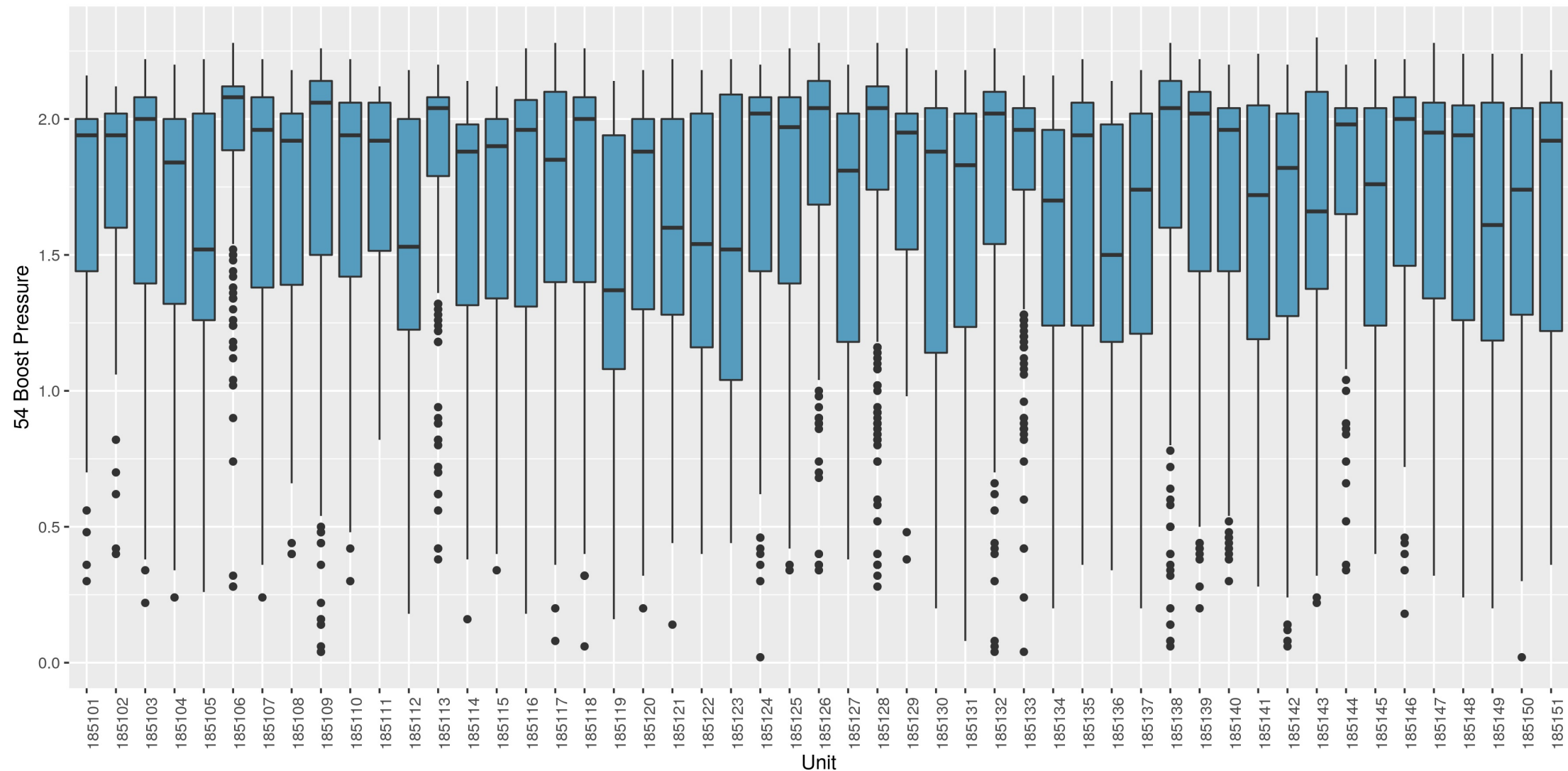
Arctic Shores



- Got really good at data frame joins
- True interdisciplinary
- Yes, but...

Digital Rail

- Simple transformations can make a huge difference
- Helping people explore their data to make better decisions



Thanks

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