



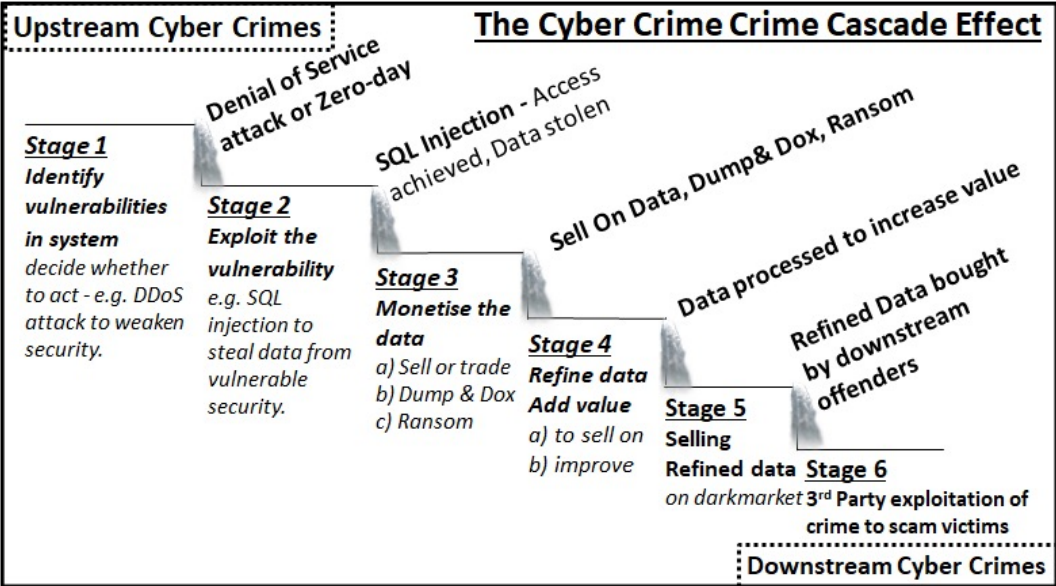
Sentencing data-driven cybercrime

How UK courts tackle data crime with cascading effects.

Dr Maria Grazia Porcedda, Assistant Professor in IT Law, Trinity College Dublin

Paper under peer review with Computer Law and Security Review

How UK courts tackle data crime with cascading effects

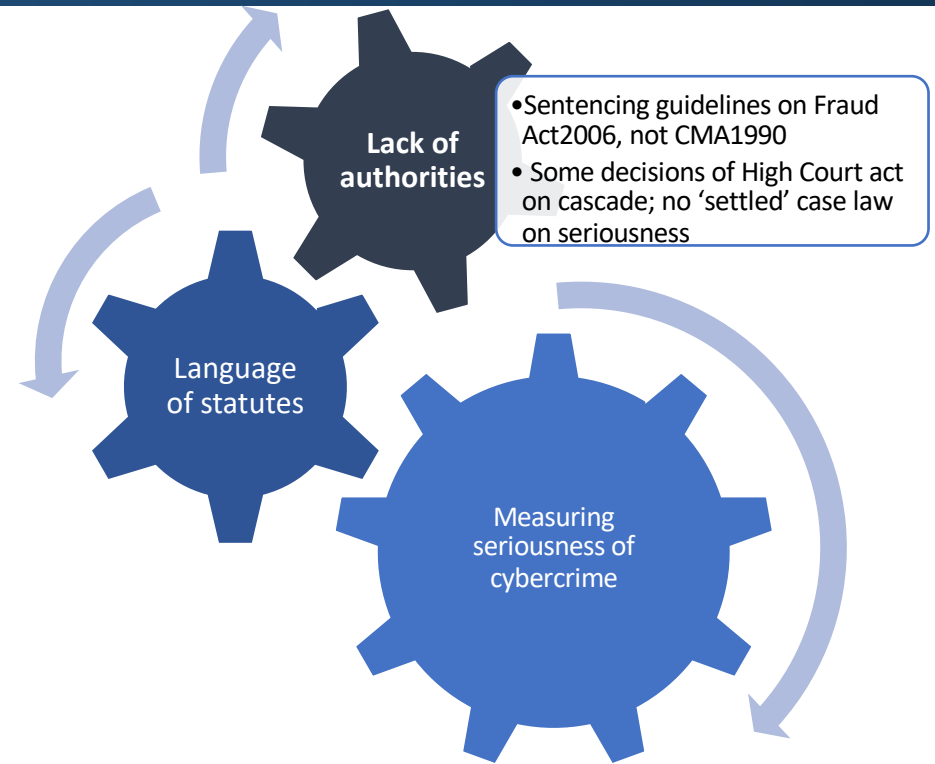
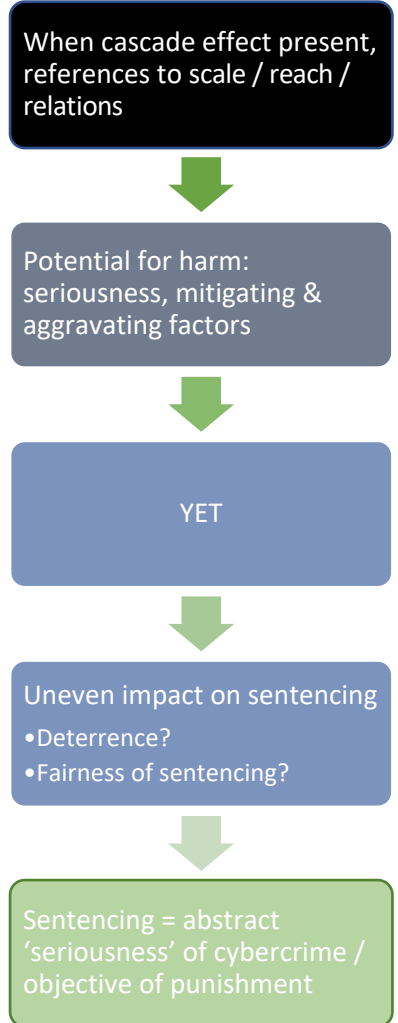


Porcedda, M.G. and Wall, D.S., Modelling the cybercrime cascade effect, *IEEE Europe S&P 2021*, 3rd WACCO, doi: [10.1109/EuroSPW54576.2021.00025](https://doi.org/10.1109/EuroSPW54576.2021.00025)
 Porcedda, M.G. and Wall, D.S., Cascade and Chain Effects in Big Data Cybercrime: Lessons from the TalkTalk hack, *IEEE Europe S&P 2019*, 1st WACCO, doi: [10.1109/EuroSPW.2019.00056](https://doi.org/10.1109/EuroSPW.2019.00056) (on SSRN)
 Funding: EPSRC EP/M020576/1.

Qualitative research

37 Individuals → 17 sentencing remarks

50% cases with cascading effects, 50% without



Porcedda, M.G. , Sentencing Data-driven cybercrime. How UK courts tackled data crime with cascading effects, under peer review with, *Computer Law and security Review*

- REC 1: use caadopt/refine sentencing guidelines**
- REC 2: cascade model to help with seriousness**
- REC 3: use full spectrum of laws**