**Supplementary material**

NP – Natalie Polack

TW – Tom Wallace

VR – Vikki Richardson

**Paragraph plan with attribution**

* Abstract **NP**
* 1 Introduction **TW**
  + 1.1 Data sources and management tasks **TW**
* 2 literature and related work **TW**
* 3 Data processing & analysis methods
  + 3.1 The Alcock and Mohan data **NP**
  + 3.2 The Charity Commission data **TW**
  + 3.3 The Twitter data **VR**
  + 3.4 The combined data **VR/TW**
* 4 Analysis methods **TW**
  + 4.1 Univariate methods
  + 4.2 Bivariate methods
  + 4.3 Multivariate methods
* 5 Results & Discussion
  + 5.1 Question 1: How is source of funding related to charity use of Twitter? **VR**
  + 5.2 Question 2: Are charities which seek to help the public more popular on Twitter? **TW**
  + 5.3 Question 3: Does number of staff, rather than size, determine a charity’s active use of Twitter? **NP**
* 6 Conclusions
  + 6.1 Summary **NP**
  + 6.2 Limitations **VR**
  + 6.3 Future work **TW**
* References **TW**

**Source code tree with attribution**

* 1. ReadDTAtoJSON\_np.py **NP**
  + 1.1 CreatingSubsetofData\_np.py **NP**
* 2. Scrape\_updated\_data\_tw.py **TW**
  + 2.1. Wrangle\_scrape\_data\_tw.py **TW**
* 3. Get\_Twitter\_Handles2\_vr.py **VR**
  + 3.1 Get\_Twitter\_Info\_vr2.py **VR**
  + 3.2. Wrangle\_twitter\_data\_VR.py **VR**
* 4. Combine\_UKDA\_scrape\_Twitter\_tw.py **TW**
  + 4.1 Wrangle combined data\_tw.py **TW**
* 5.1. Analysis\_quesiton\_1\_vr.py **VR**
* 5.2. Analysis\_quesiton\_2\_tw.py **TW**
* 5.3. Analysis\_quesiton\_3\_np.py **NP**

**Individual contributions**

**Natalie Polack** I

**Tom Wallace** I

**Vikki Richardson** I