Combining IRUS-UK & Altmetric data using White Rose Research Online data as an example

Background
Nick Sheppard, from Leeds Beckett University, was interested in learning more about alternative metrics of top downloaded papers. He was currently recording details of the top downloaded papers (using IRUS-UK data) but wanted to find a way to bring together alternative metrics with this, to see if there is a correlation.

How is IRUS-UK used?
Using the White Rose Research Online data as an example, the top 10 downloaded items were exported to CSV and tidied up to leave the DOIs. These were then imported into Google Sheets and the Altmetric Score added as an additional column. He was then able to sort data by Altmetric Score, or by downloads (from IRUS-UK), and look to see if there was a correlation. He embedded Altmetric donuts into the list and shared his findings.

Outcome
The findings of this research were shared on the UKCoRR (United Kingdom Council of Research Repositories), and at conferences and events. In this particular case, there didn’t appear to be a correlation between the downloads and the altmetrics, showing that there is definite value in having both different types of metrics to better understand usage of items in the repository.

Next steps
Having shared the method and initial findings, other repositories have done similar. It will be interesting to see if there are different findings, and whether the findings have implications for understanding the value of items. Try it with your data using the guides in the related links.

Related links
Network effects on alternative metrics: http://ukcorr.org/2015/05/28/network-effects-on-alternative-metrics/
 Ranking altmetrics DIY: http://ukcorr.org/2015/06/12/ranking-altmetrics-diy/
 The Altmetric attention score: https://help.altmetric.com/support/solutions/articles/6000060969-how-is-the-altmetric-score-calculated/

IRUS-UK reports used
Article Report 4 (AR4): for top 10 downloaded articles