



WEAVE SV data access
(for quality checks and science)
&
publication policy

14 November 2019, IAC, Tenerife

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WEAVE Science Verification in a nutshell

- (PI-led) **SV programme is special** (different to open-time observations during WEAVE Survey operations)
- WEAVE SV programme (Survey + PI-led programmes) is **shared risk, shared return**
- Data access: for **quality checking only (i.e. scientific validation of data)**, through Operational Repository (OR; see David's OR talk)
- Data access: for **science** (i.e. leading to publications) through WEAVE Archive System (WAS; see Scott's WAS talk)
- Data will be published to ING community and WEAVE Survey Consortium as **DR0**
- DR0 **differs from future public data releases** in its audience + publication policy
- **WEAVE DR0 Publication Policy** – in order to protect WEAVE Builders, publications making use of DR0 data must be announced to WEAVE Consortium via dedicated webpage in advance of submission to journal

Why is SV different/special?

- WEAVE SV programme (Survey + PI-led programmes) is **shared risk, shared return**
- Proposal accepted != proposal will be (completely) observed
 - total time allocated to Science Verification for Survey + PI-led programmes is 14-18 nights
 - **currently oversubscribed** (from both Survey + PI-led programmes), but **useful for OISMT to have options** (i.e. not just one per focal-plane + spectrograph mode combination)
- ING-WEAVE SV TAC not looking to reject any proposals (unless issues foreseen with e.g. target observability)
- SV observations expected to be **scheduled in manually** (different to during science operations); **priority list may be made** to help OISMT – discussion within ING-WEAVE SV TAC necessary
- SV follows commissioning as part of preparatory phase prior to science operations – we will try (but will not guarantee) to complete programmes

WEAVE SV data access

For quality checks

- All PIs will be given access to WEAVE Operational Repository (OR) **for checking quality of data** (raw, from CPS and from APS) from their programme
- **Data accessed via the OR may not be used to produce publications**
- Violation of this code will have consequences for your data access during WEAVE science operations... **SV is shared risk, shared return**, and **shared trust!**

For doing science

- All **ING community members and WEAVE Consortium members** will, on request, be given **access to DR0** data via the WEAVE Archive System (WAS)
- All papers resulting for DR0 data (from any user of DR0) **must be announced before submission to a journal** on a dedicated webpage (**DR0 Publication wiki**)

Questions?

- Q: can PIs (and Co-Is) **access data** as they come off the telescope **during SV**? **Where and how** can this be done, and **will PIs be informed** when their programmes have been observed?
- A: **PIs will be given access to the Operational Repository (OR)** to quality-check their data. PIs may share their user account with Co-Is **at the PI's own risk**, remembering that data from the OR may not be used to produce publications. *PIs responsible for data access and use through their accounts.*
- A: raw and CPS (L1) data will typically be available within 24 hours of observations (**might be slightly slower during SV for extra CASU quality checks!** please be patient!). APS (L2) data will typically be available 12 hours after CPS data are made available to APS.
- A: **PIs will automatically be notified when their programme has been observed**, and data are available for quality-checking purposes.

Questions (continued)?

- Q: how do we **prevent someone from scooping our results** once we put a draft on the WEAVE DR0 Publication wiki?
 - A: the **WEAVE Editorial Board** (composed of three individuals from the WEAVE Survey Consortium with a wide range of science interests between them) and the **WEAVE Science Executive** will take any necessary action in such cases.
- Q: what happens if **two teams submit similar papers independently**?
 - A: this is unlikely to happen from SV programmes, as the ING-WEAVE SV TAC has checked Letters of Intent to avoid that proposals with significant scientific overlap being submitted. However, if two or more scientifically similar papers are announced on the DR0 Publication wiki, the WEAVE Editorial Board may contact the lead authors to suggest that the papers are combined.

Questions (continued)?

- Q: can a Co-I who isn't in the ING community or the WEAVE Survey Consortium lead a paper based on DR0 data?
 - A: **DR0 data access itself is restricted to ING community members and the WEAVE Survey Consortium**, so such a Co-I being a co-author is fine, but they should not be leading a paper resulting from DR0 data.
- Q: will DR0 ever be made fully public?
 - A: yes – **DR0 will eventually be assimilated into DR1**, which will be a fully public (i.e. worldwide) data release. DR1 will also contain the first 12 months of WEAVE Survey data, which will be proprietary for the first two years of WEAVE science operations.

Over to you... any other questions SV data access and/or DR0 publication policy?