R Environment System Qualification

Project Scope
The work stream will develop scripts to qualify an R environment, including the base installation and additional R framework that exists for the base installation tests; however this does not include testing for additional packages. The tests will initially include those that R and the packages come installed with; however, the work stream will also develop a repository of tests to supplement those tests. Organisations could extend the tests if they find them insufficient and contributed their changes back to the project if their policies allow. This work stream will collaborate with the RValidationHub and the RConsortium to gather requirements for R environments and best practices for qualifying R systems. This project will focus on R environments; however, the process could be extended to analysis environments including Python, Julia and other languages. The work done with the framework could be extended by other groups working with virtualised environments like Best Practices for Interactive Visualisations. It could also be extended by the Clinical Statistical Reporting in a multilingual world group to ensure environments with multiple languages work as expected.

Project Leads	Email
Eli Miller (Atorus Research)	eli.miller@atorusresearch.com
Paula Rowley (PHUSE Project Assistant)	paula@phuse.global

Objectives & Deliverables	Timeline
White Paper	Ongoing

CURRENT STATUS	**Q1 2023**
Project is currently on hold due to low demand and waiting for feedback from R Validation Hub.	

Project Members	Organisation
Adrian Olszewski	2KMM
Ashwath Prakash	Industry
Brian Laughlin	Industry
Chintan Patel	Labcorp
David Dube	Sarepta Therapeutics
Drew Foglia	Veeva Systems
Eric Milliman	Biogen
Ippei Akiya	Industry
Karan Dheer	SAS
Kapil Anand	Parexel International
Kelci Miclaus	Industry
Manolo Corte	Industry
Marie Endettuoli	SCHARP
Matthew Travell	GW Pharmaceuticals
Tania Walton	Sycamore Informatics
Vineet Sharma	Serepta Therapeutics