



**Figure 3** Setting up continuous analysis. Continuous analysis can be set up in three steps. First, the researcher creates a Docker container with the required software (1). The researcher then configures a continuous integration service to use this Docker image (2) then pushes code that includes a script capable of running the analyses from start to finish (3). The continuous integration provider runs the latest version of code in the specified Docker environment without manual intervention. This generates a Docker container with intermediate results that allows anyone to rerun analysis in the same environment, produces updated figures and stores logs describing what occurred. Example configurations are available in Online Methods and at [https://github.com/greenelab/continuous\\_analysis](https://github.com/greenelab/continuous_analysis).