

Folder contents:

- *datcombine* inputs and outputs
 - input data in “Data in” along with common q -scale used for regridding.
 - individual re-gridded data files and output for filters disabled, outlier filter, error filter and outlier+error filters applied
- Solvent subtracted 3-column format data with $P(r)$ calculation (*.out files)
- [Protein+solvent] and [Solvent] batch data in 6-column format as q , $I(q)$, error, plus 3 columns for the resolution information calculated based on the geometry and optics of the instrument configuration.
- Solvent subtracted SEC-SANS data in 6-column format as q , $I(q)$, error, plus 3 columns for the resolution information calculated based on the geometry and optics of the instrument configuration.
- Individual scattering profiles in the folders are identified by their source, with the numerical designations given in Table 2 (which is the same order as in **Table S2** of the Supplementary Material submitted with the paper).
- Naming convention for batch data is instrument code followed by conc X.Y in mg/mL expressed as XptY.
- SEC-SANS data from ILL D22 is designated as D/H-protein-SECSANS.dat

Key for instrument designations for batch data are:

SANS Instruments	
ANSTO Australian Centre for Neutron Scattering, QUOKKA instrument	DN1, HN1
ILL D22 – Large Dynamic Ranges Small-Angle Diffractometer	DN2, HN2
NIST Center for High Resolution Neutron Scattering (CHRNS) NBG B30 SANS Instrument	DN3, HN3
NIST Center for High Resolution Neutron Scattering (CHRNS) VSANS SANS Instrument	DN4, HN4