



Figure 1. Cryo-EM grid screening and data processing of apo Caspase-11^{CARD} oligomer and Caspase-11^{CARD} in complex with LPS-Ra. (a and b) Severe aggregation of protein particles of both apo Caspase-11^{CARD} oligomer (a) and Caspase-11^{CARD} in complex with LPS-Ra (b) on quantifoil holey carbon grids vitrified with Vitrobot. (b and c) Representative micrographs of apo Caspase-11^{CARD} oligomer (b) and Caspase-11^{CARD}/LPS-Ra complex (c) on the grids plunged with Chameleon; scale bar: 100 nm. (e and f) Data processing of datasets of apo Caspase-11^{CARD} oligomer (e) and Caspase-11^{CARD}/LPS-Ra complex (f) using cryoSPARC.