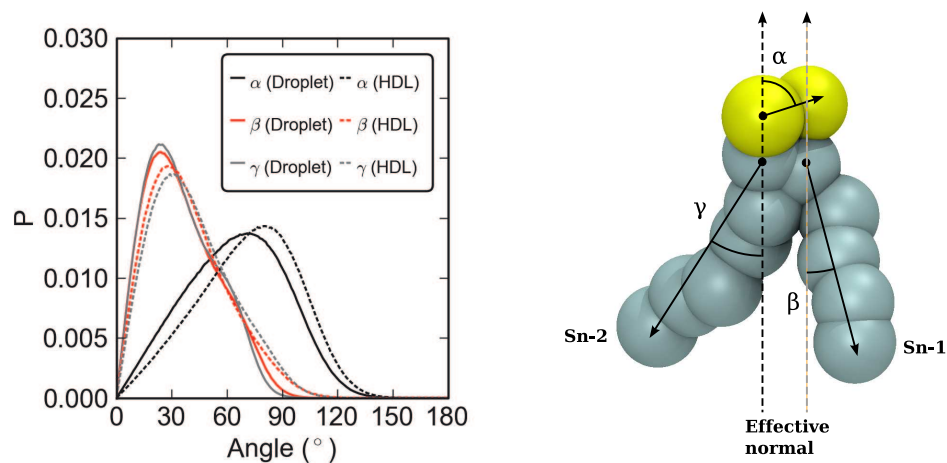


## Supporting Information: Figure S1



POPC angle distributions (left) showing the orientation of the P-N vector and hydrocarbon chains with respect to the effective normal. The solid lines are for the lipid droplet (without apoA-I) and the dashed lines for full HDL (with apoA-I). The angle  $\alpha$  measures the direction of the P-N vector, and  $\beta$  and  $\gamma$  the tilt angles of the hydrocarbon *sn*-1 and *sn*-2 chains, respectively (right).