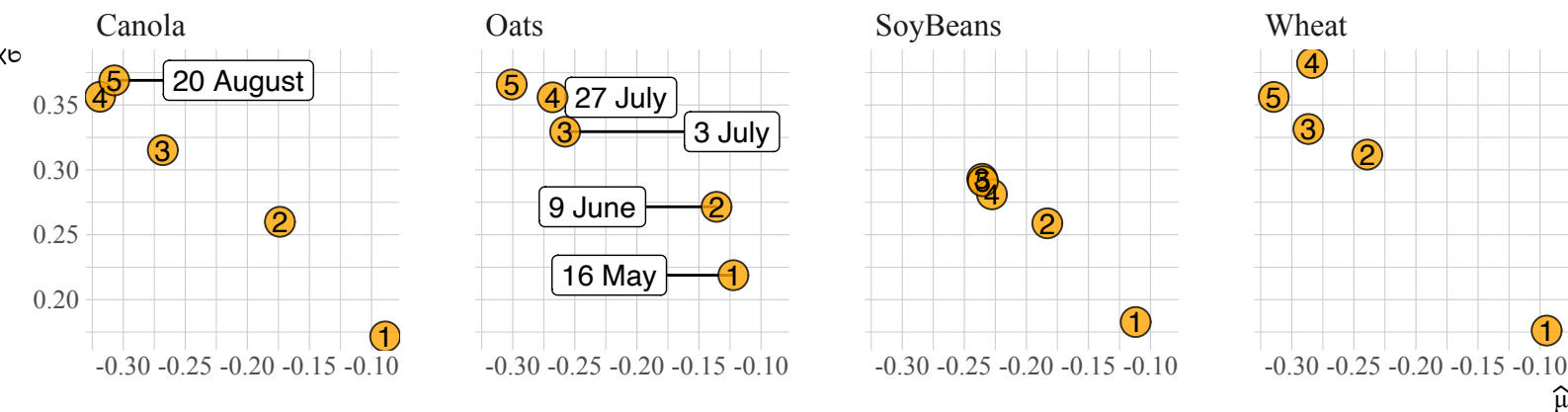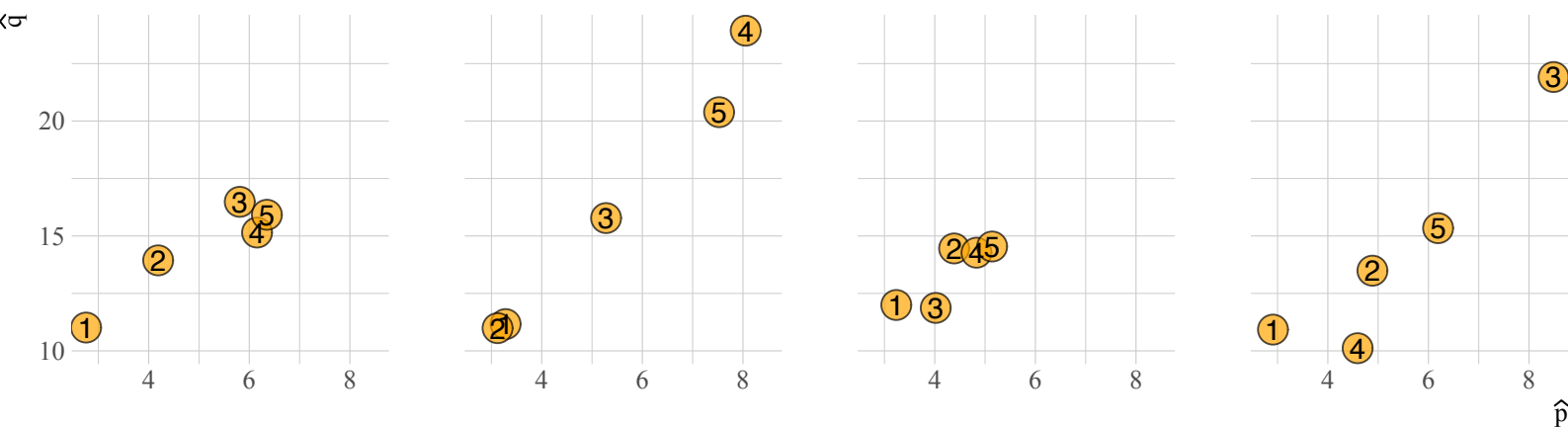Estimates of the Lognormal distribution for the Purity P_{GD}

Estimates of the Beta distribution for the Scattering Type Angle α_{GD}

Estimates of the Beta distribution for the Helicity τ_{GD}