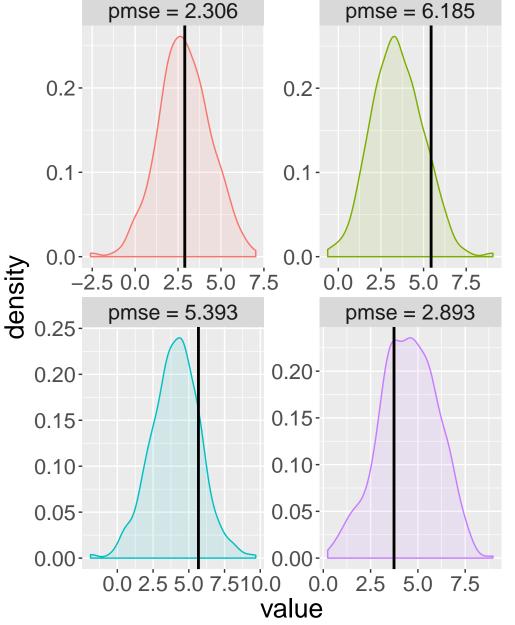Posterior predicitve for Anisotropy