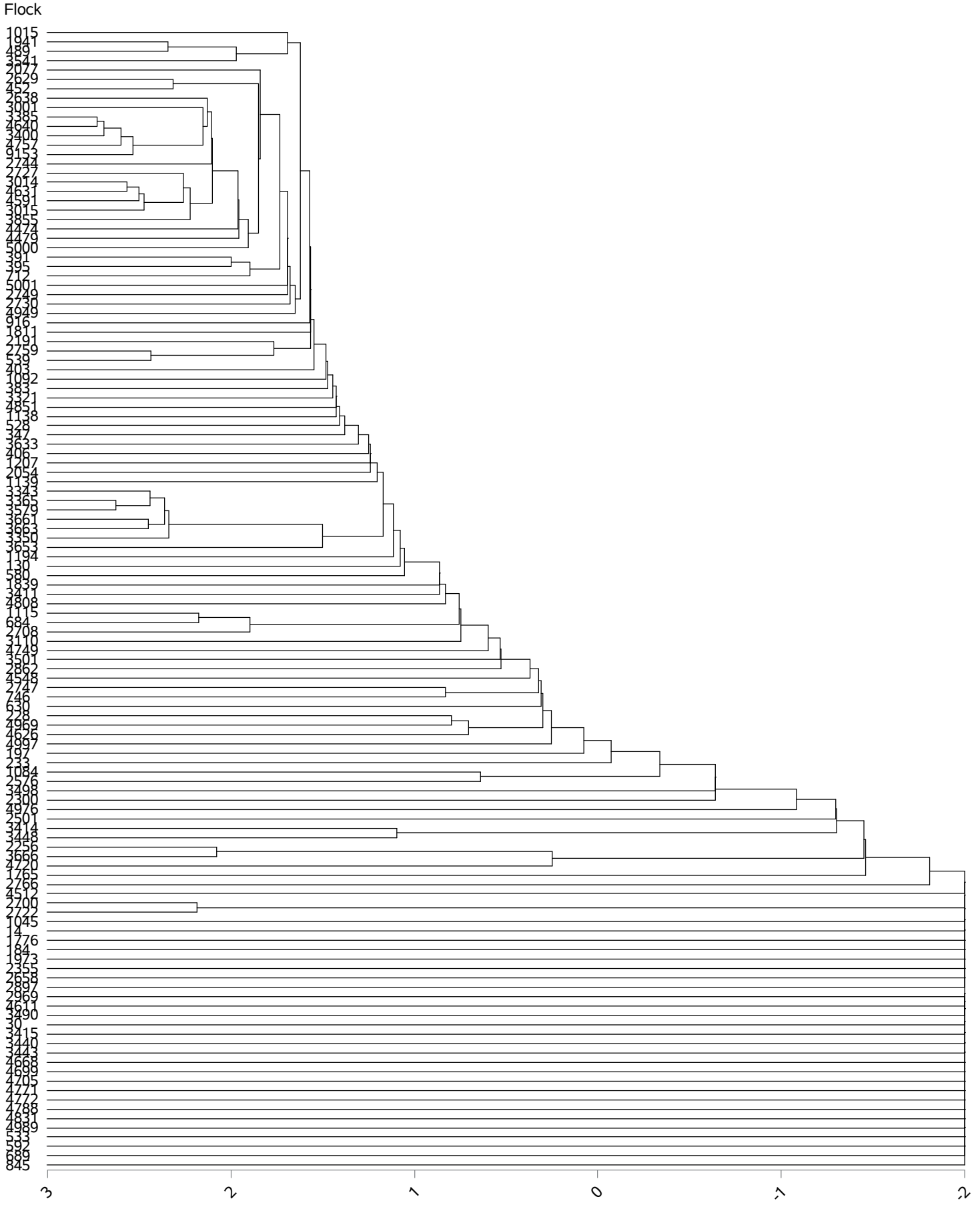Connectedness assessment for BCS