

Supporting material

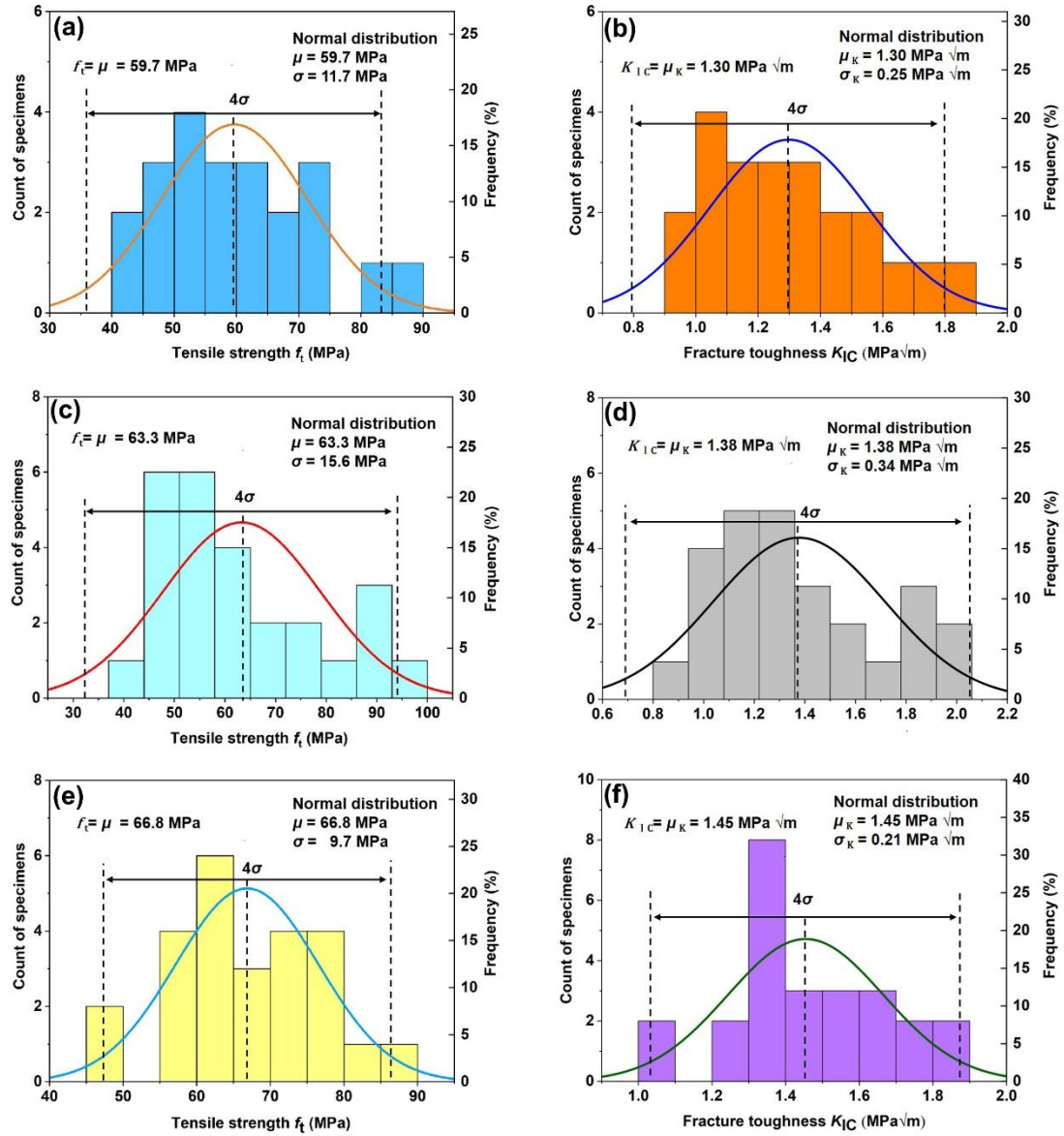


Figure S1. Normal distribution of tensile strength and fracture toughness of *Pinus sylvestris* var. *mongolica* Litv. with the ratio of latewood zone with less than 17% (a), 17~22% (c) and more than 22% (g) growth rings based on BEM solution.