WEP Sensitivities

WEP = Water Extractable Phosphorus

Why Care?

Excluding WEP in P loss estimates might not be good enough for modeling all types of applications
(like biosolids)
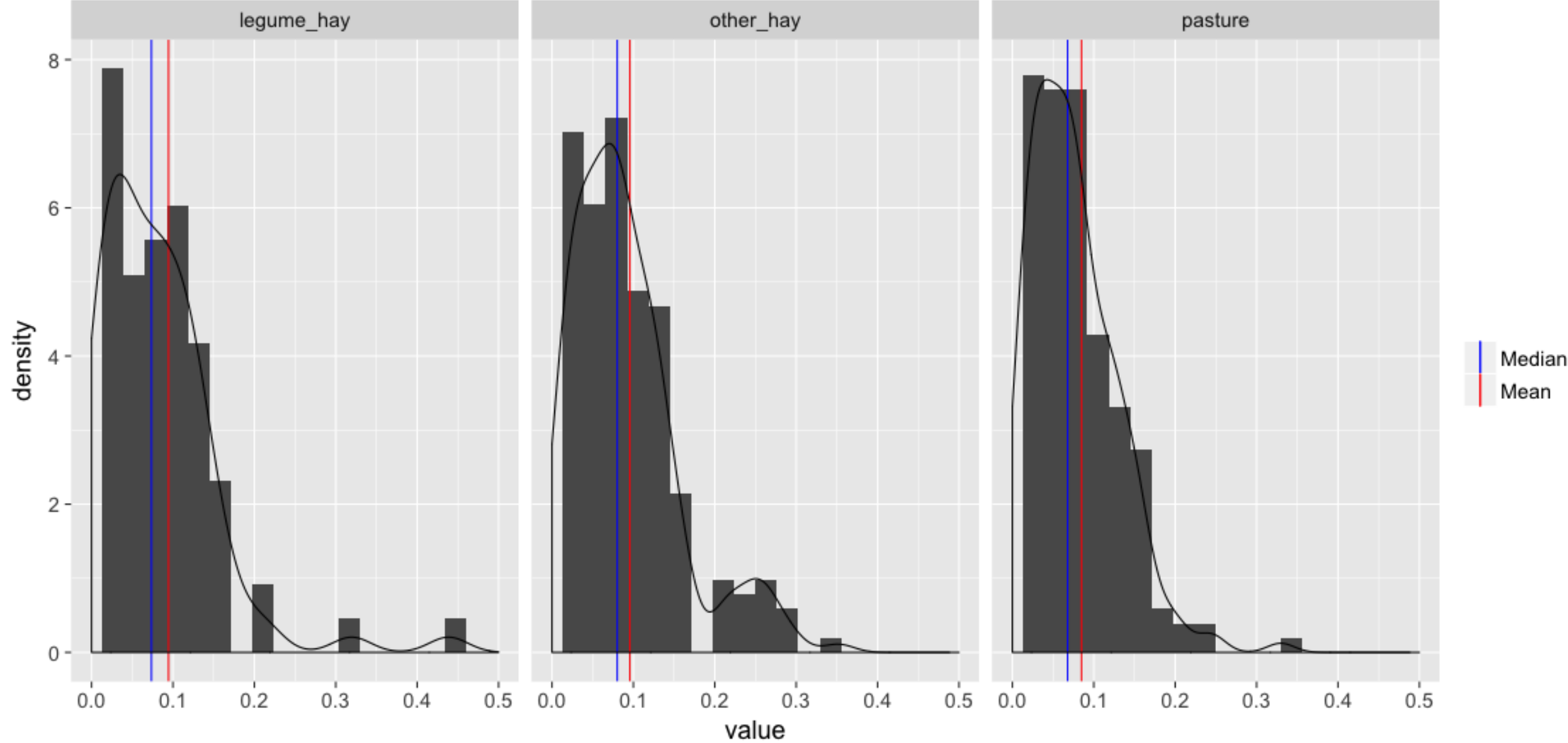
WEP = Water Extractable Phosphorus

What's Happening: WEP % of applied manure can influence P loss without big changes to sediment P storage

Solution: Make WEP sensitivities

WEP Sensitivity =

$$(\Delta Ploss) / \Delta(WEP\% * ManurePapp)$$

Units: lbs P loss per lbs WEP applied per year

lb Ploss per lb WEP applied per acre per year

lb Ploss per lb WEP applied per acre per year