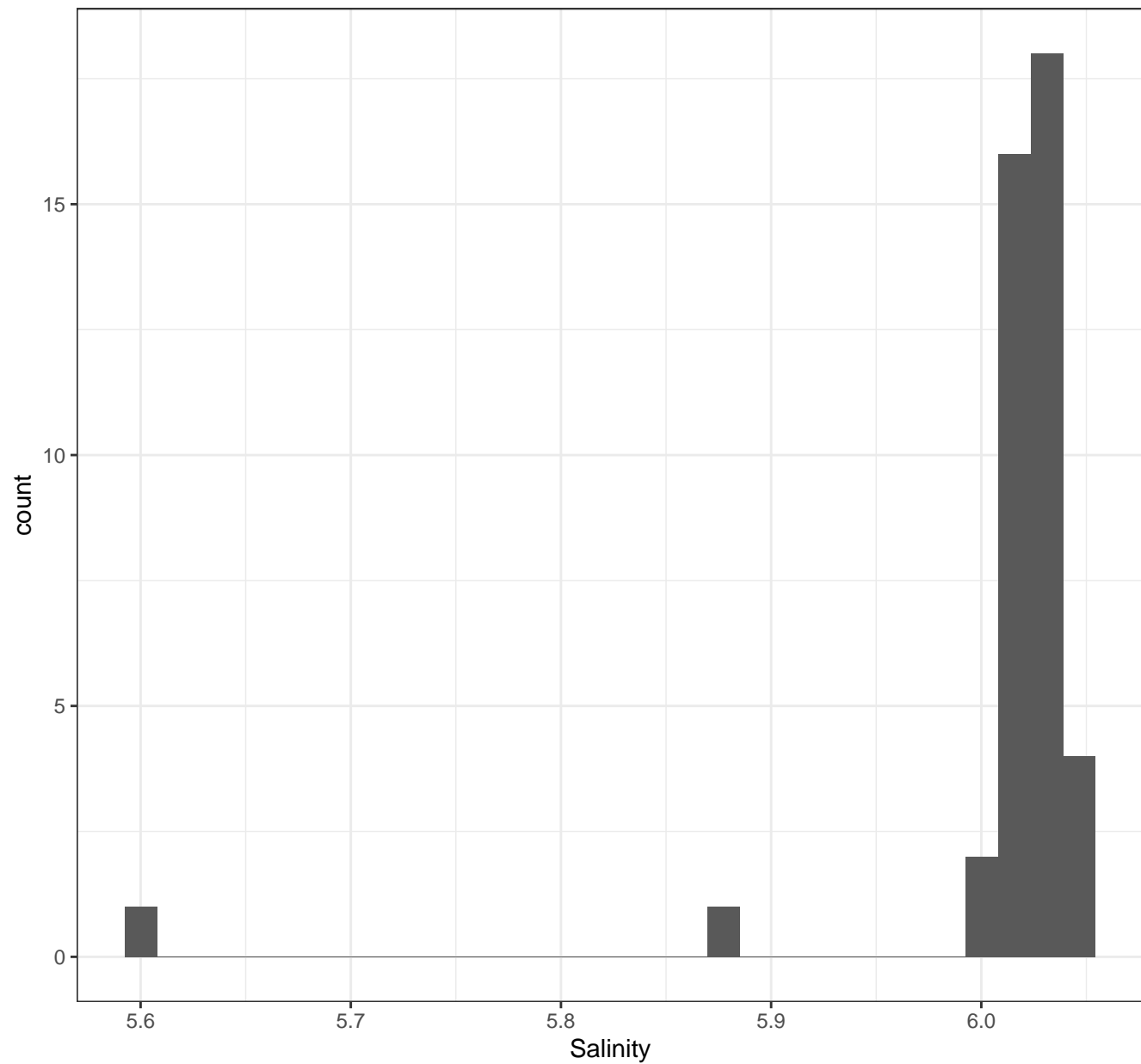


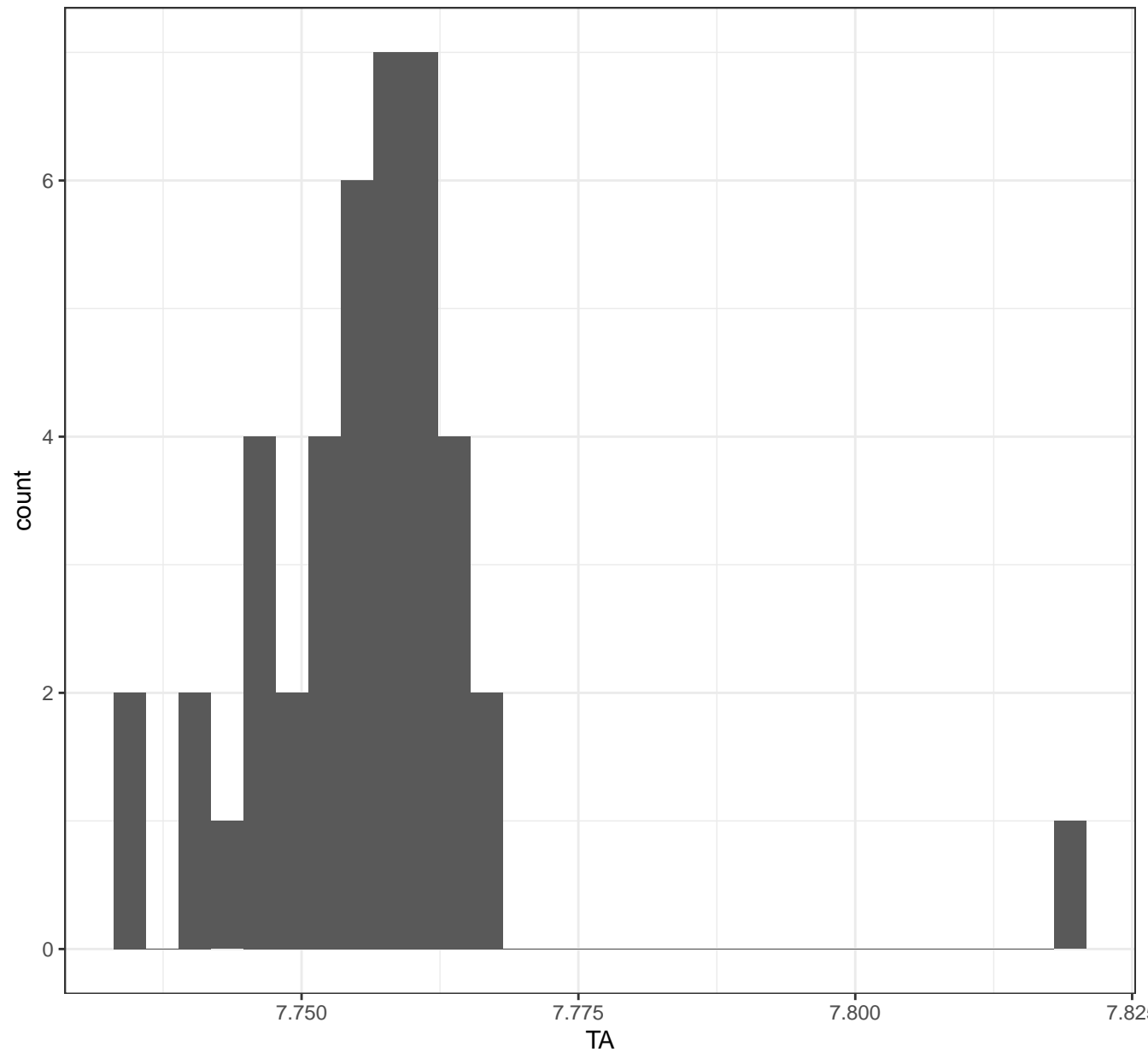
Transformed Mean Salinity: Not Normal

$p = 1.4988518650004e-12$ (Shapiro Wilk Test)



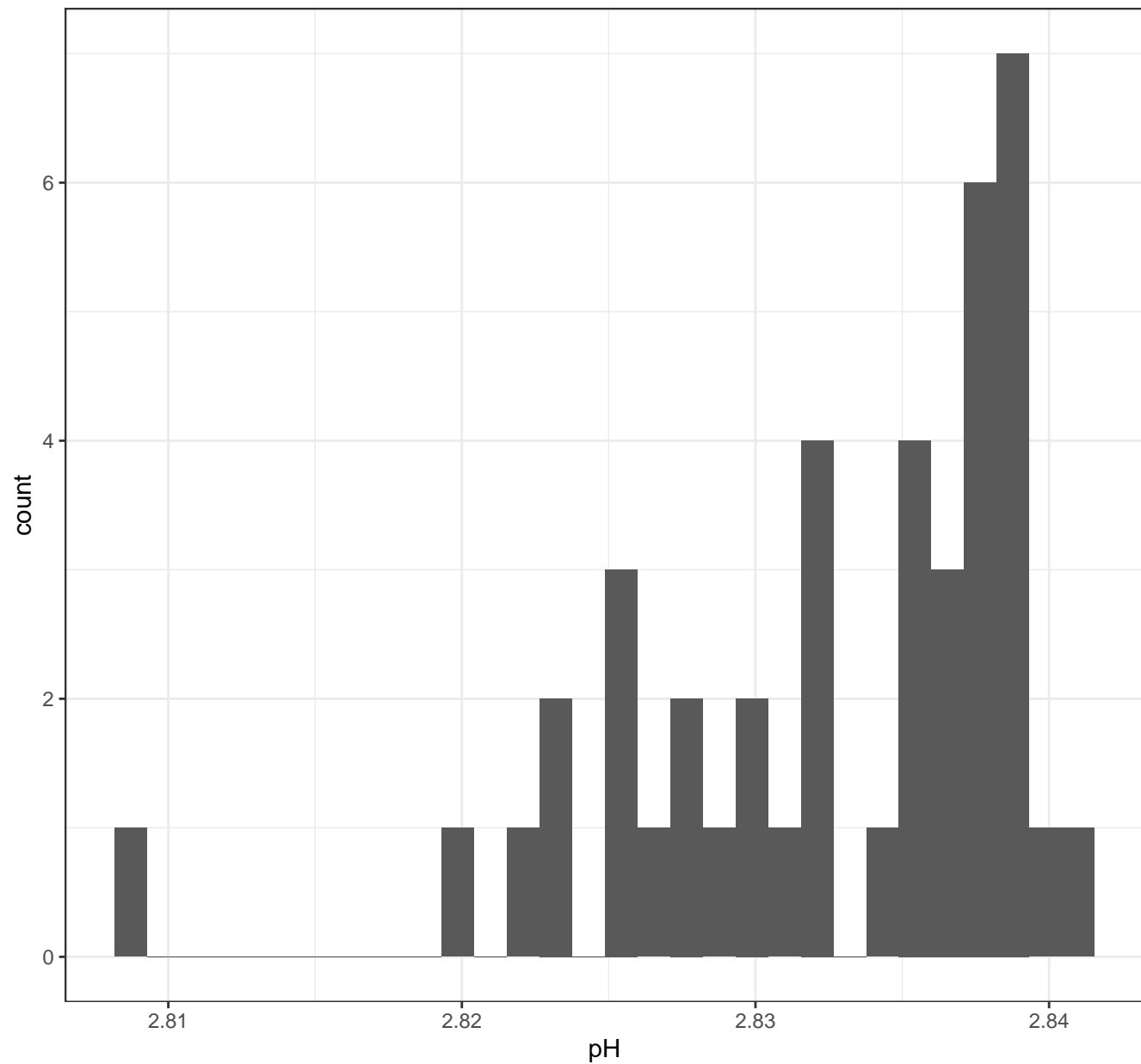
Transformed Mean TA: Not Normal

$p = 6.76349725312618e-07$ (Shapiro Wilk Test)



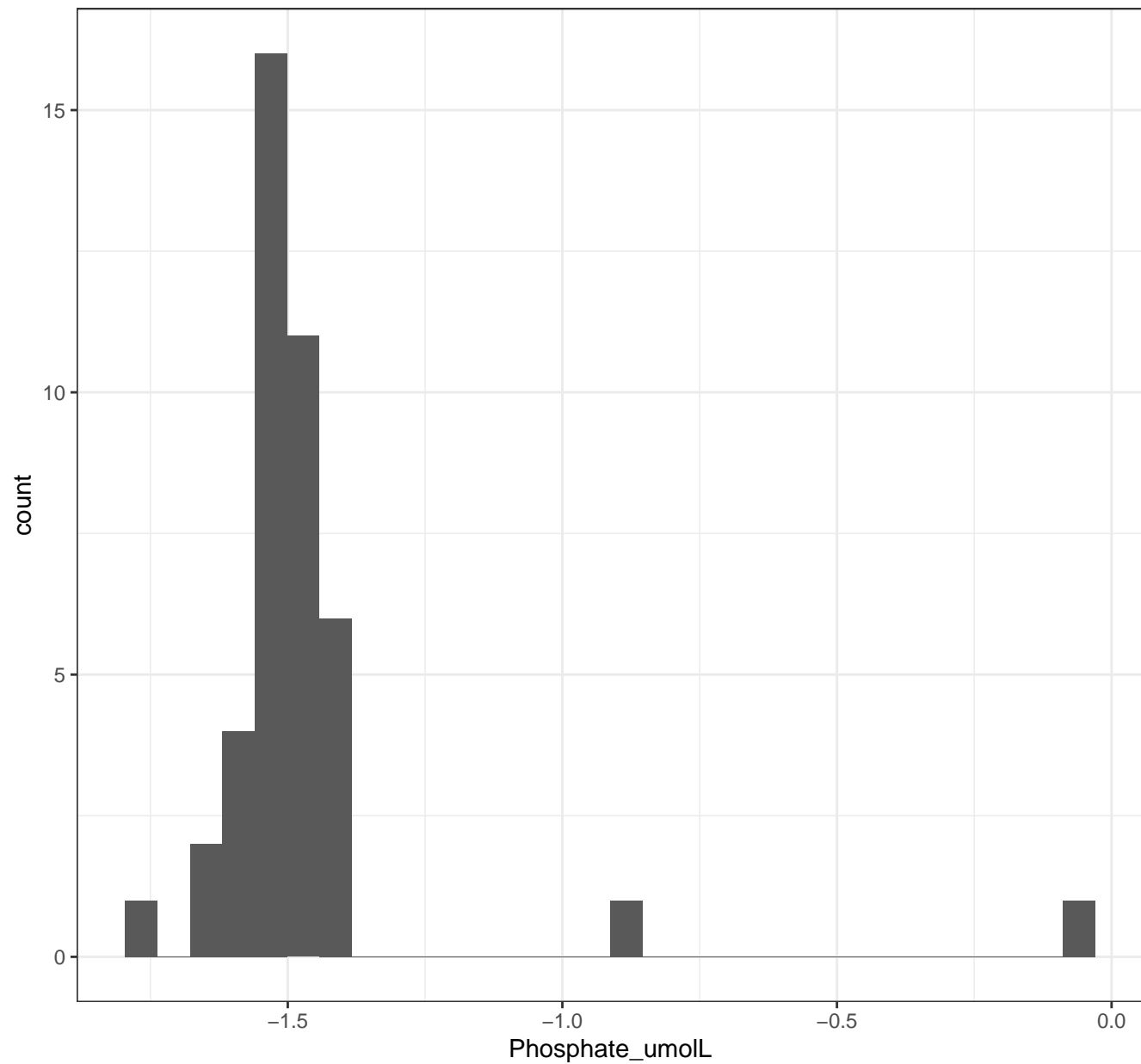
Transformed Mean pH: Not Normal

$p = 0.000268124384669094$ (Shapiro Wilk Test)



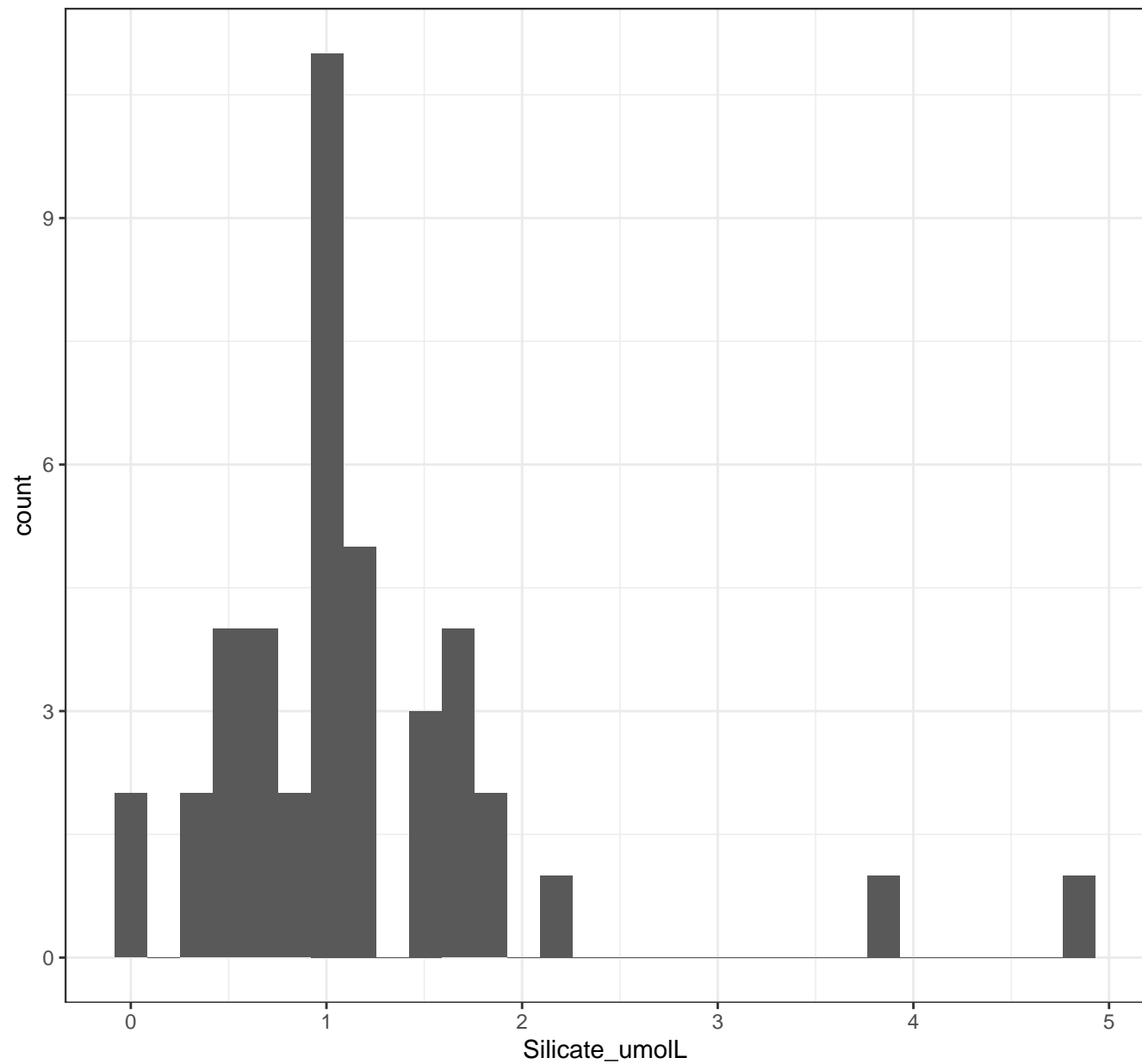
Transformed Mean Phosphate_umolL: Not Normal

$p = 3.78942094089432e-11$ (Shapiro Wilk Test)



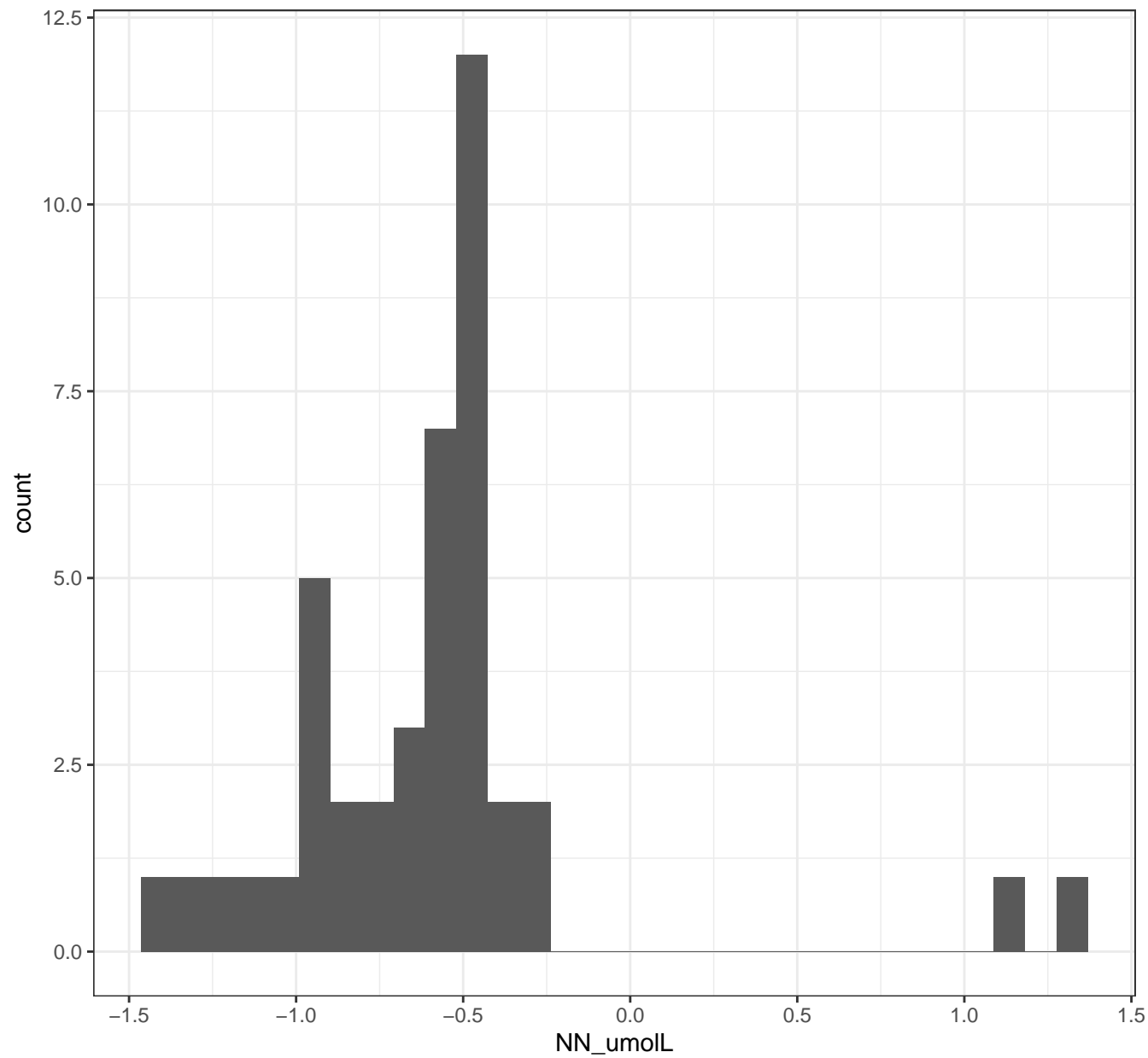
Transformed Mean Silicate_umolL: Not Normal

$p = 6.6135523043555e-07$ (Shapiro Wilk Test)



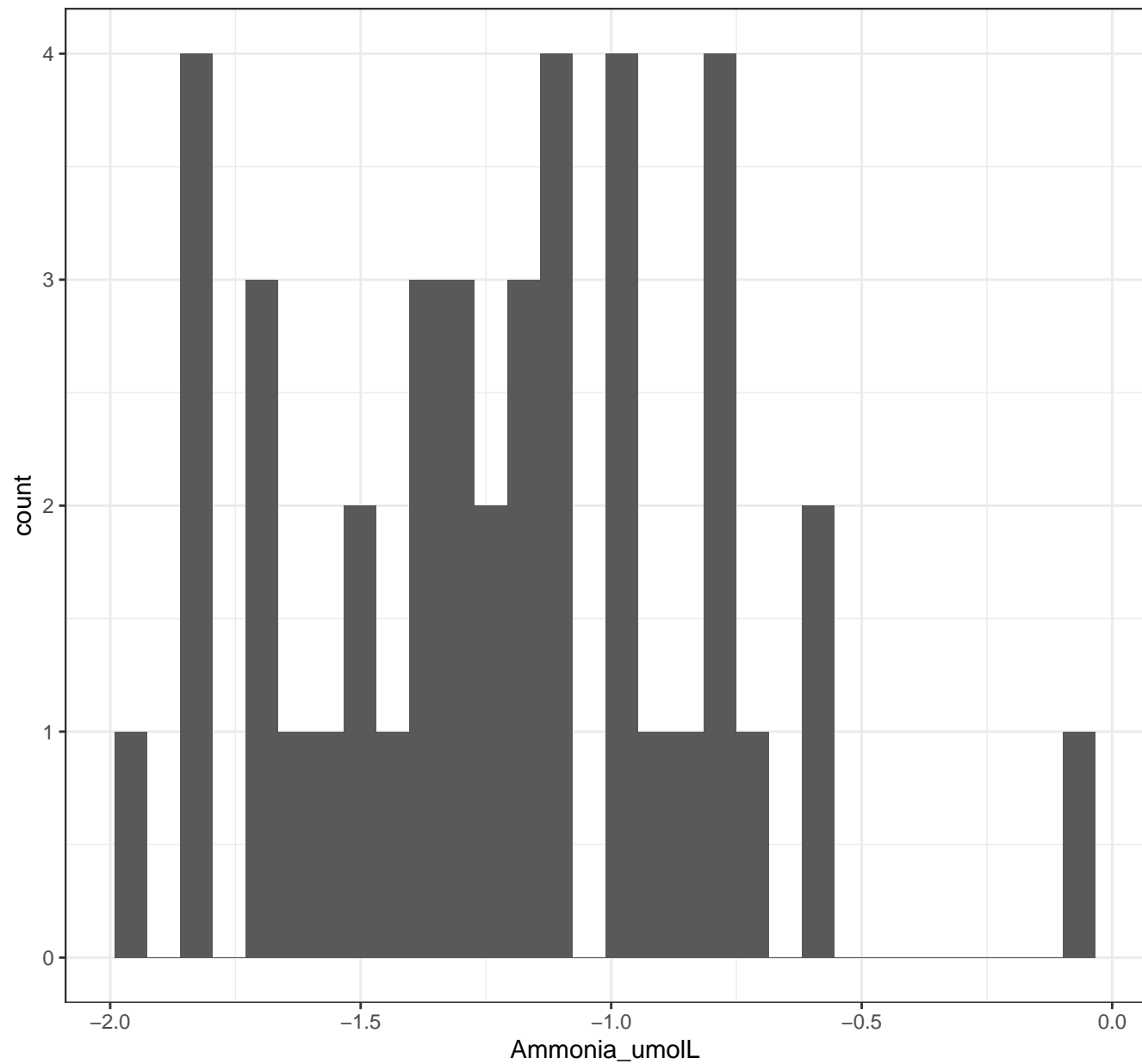
Transformed Mean NN_umolL: Not Normal

$p = 5.87508089424356e-07$ (Shapiro Wilk Test)



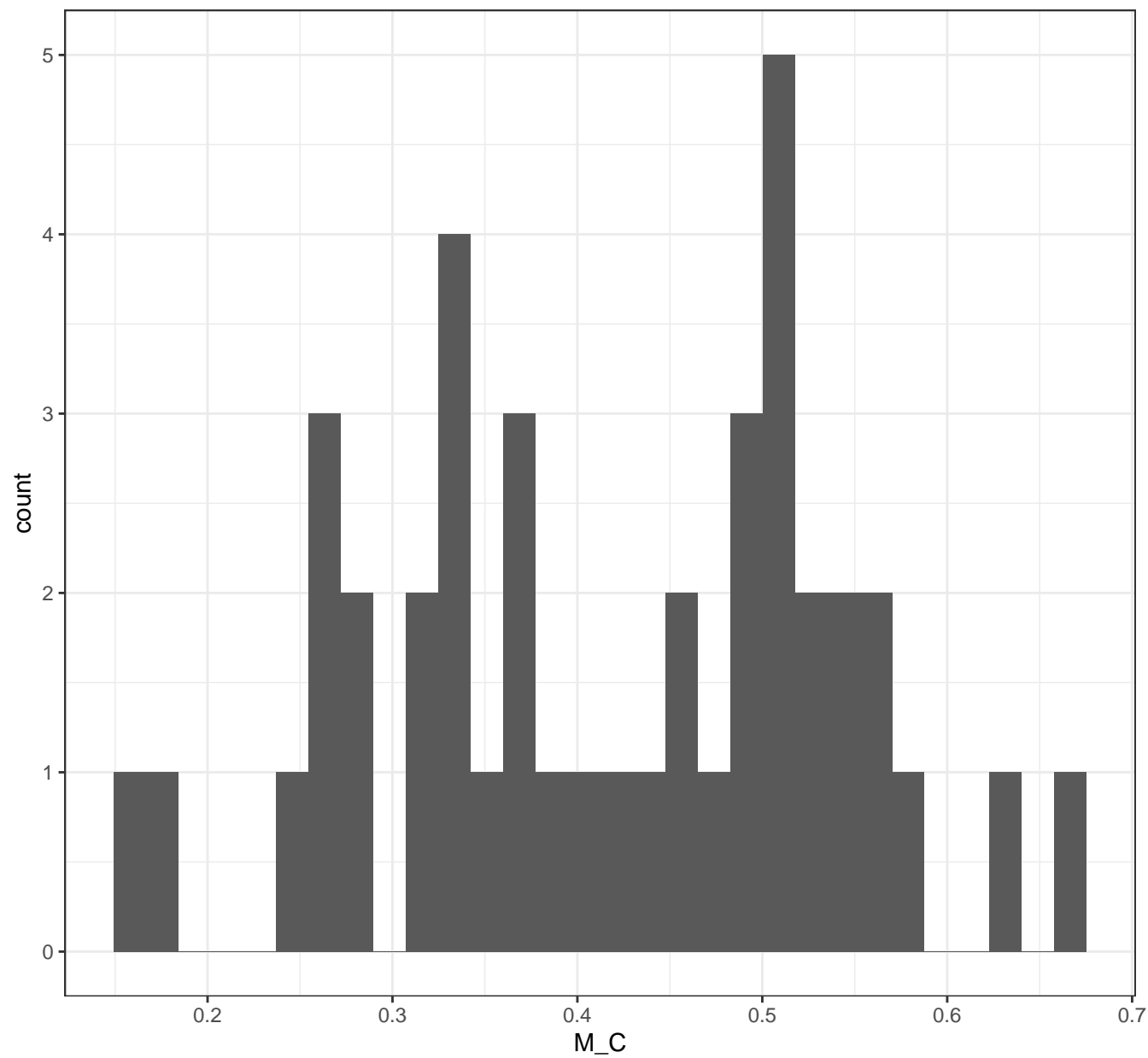
Transformed Mean Ammonia_umolL: Normal

p = 0.511665771754141 (Shapiro Wilk Test)



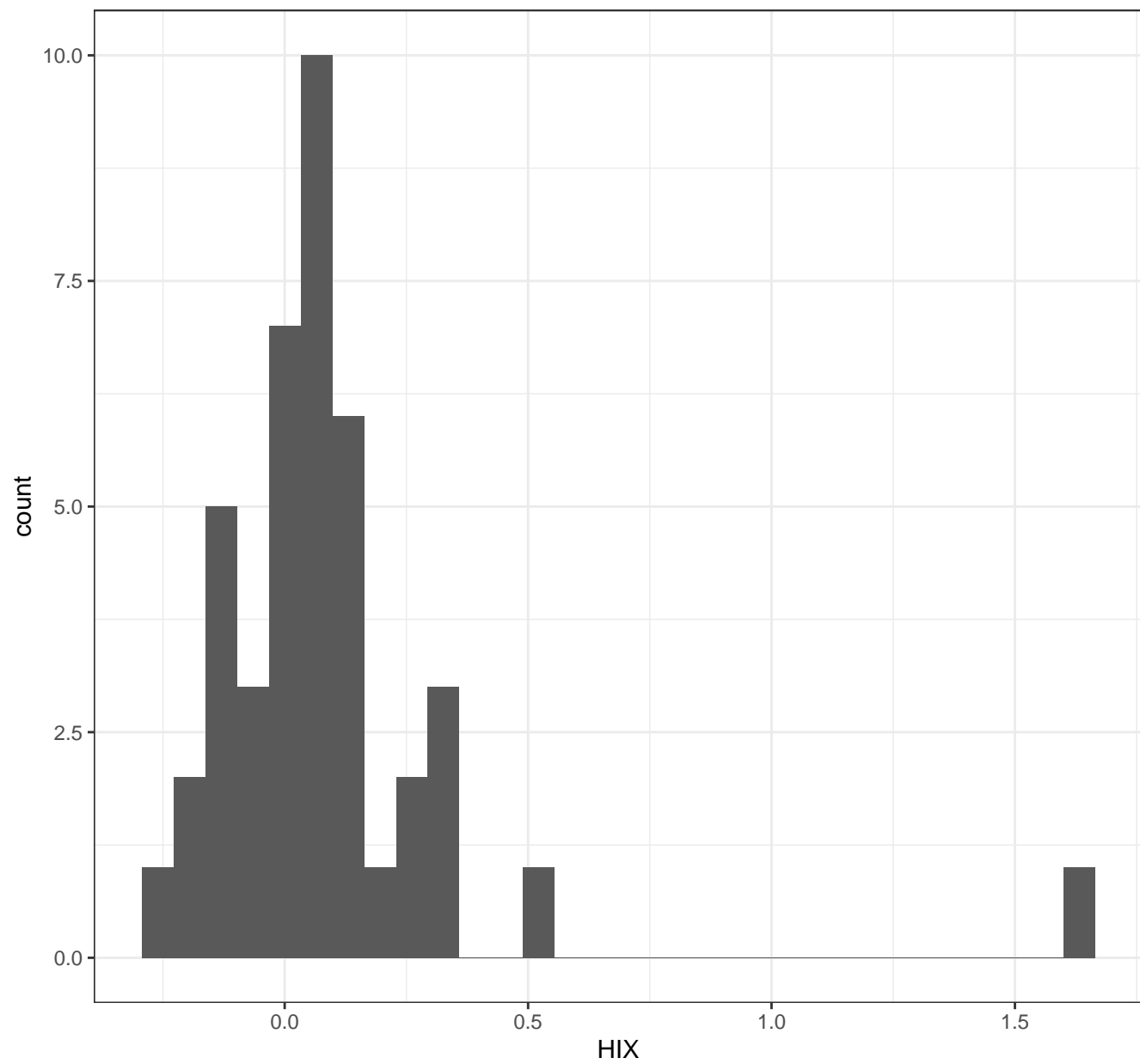
Transformed Mean M_C: Normal

$p = 0.396302820389777$ (Shapiro Wilk Test)



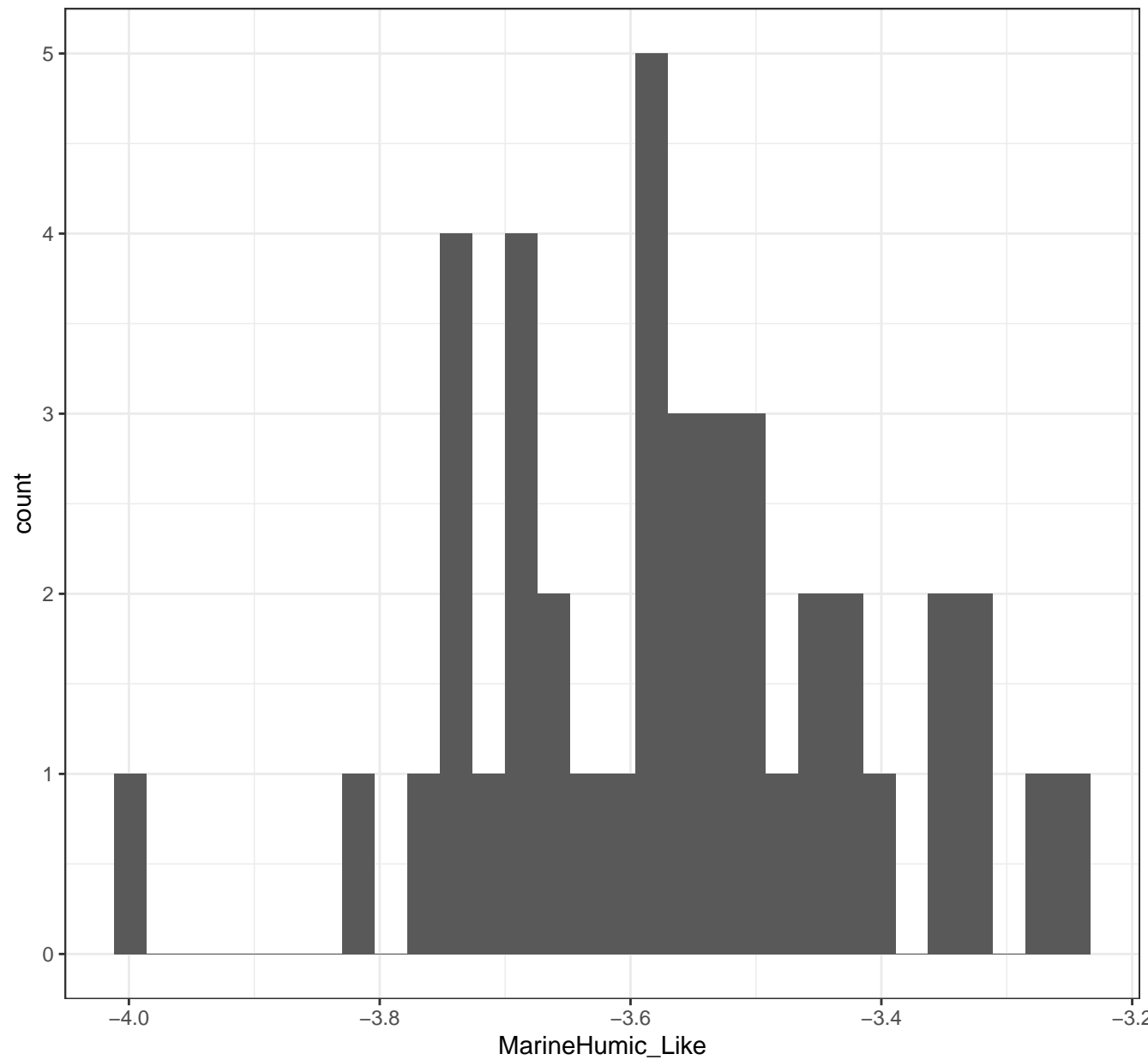
Transformed Mean HIX: Not Normal

$p = 1.03735981627111\text{e-}08$ (Shapiro Wilk Test)



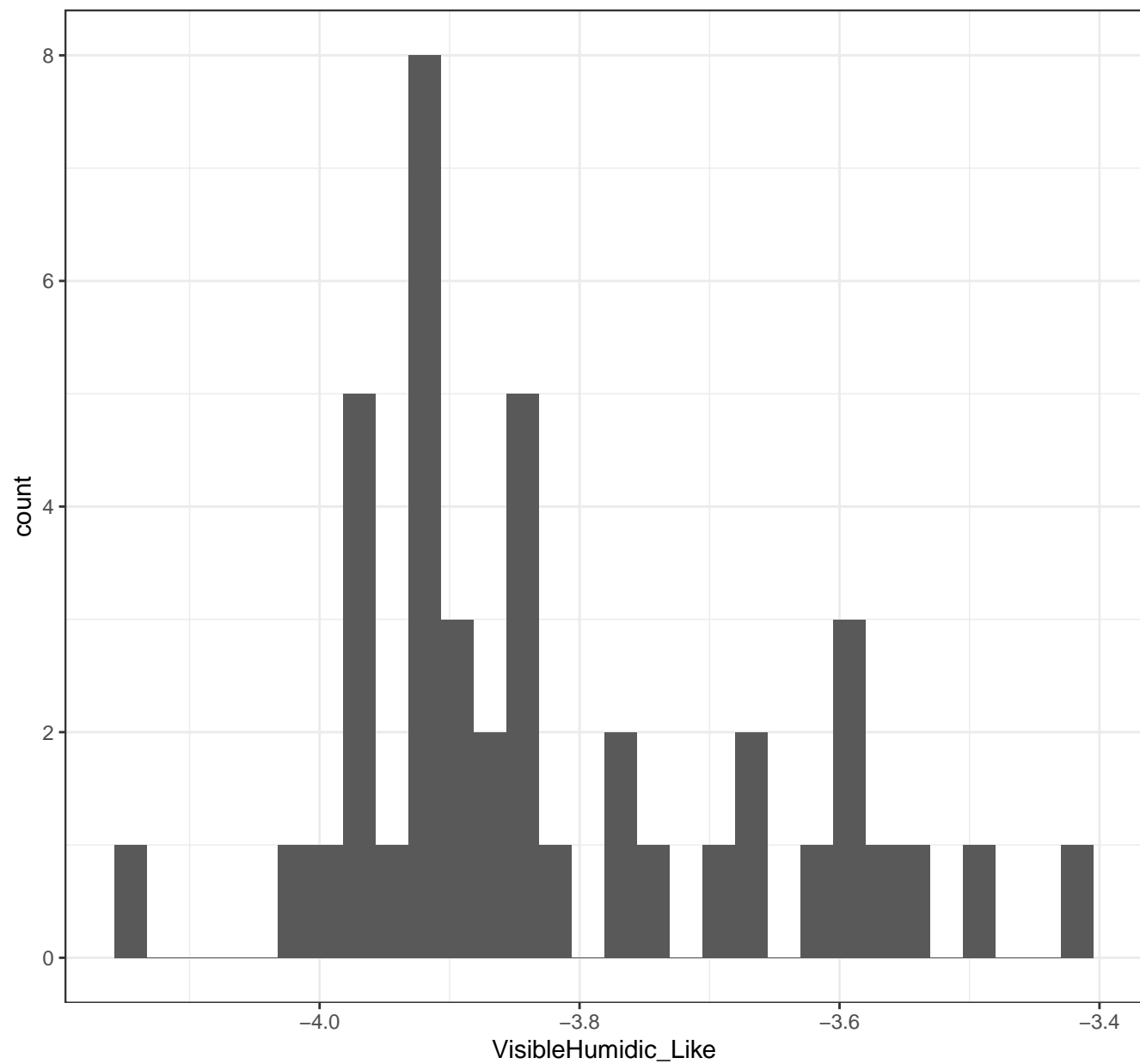
Transformed Mean MarineHumic_Like: Normal

$p = 0.736317782625976$ (Shapiro Wilk Test)



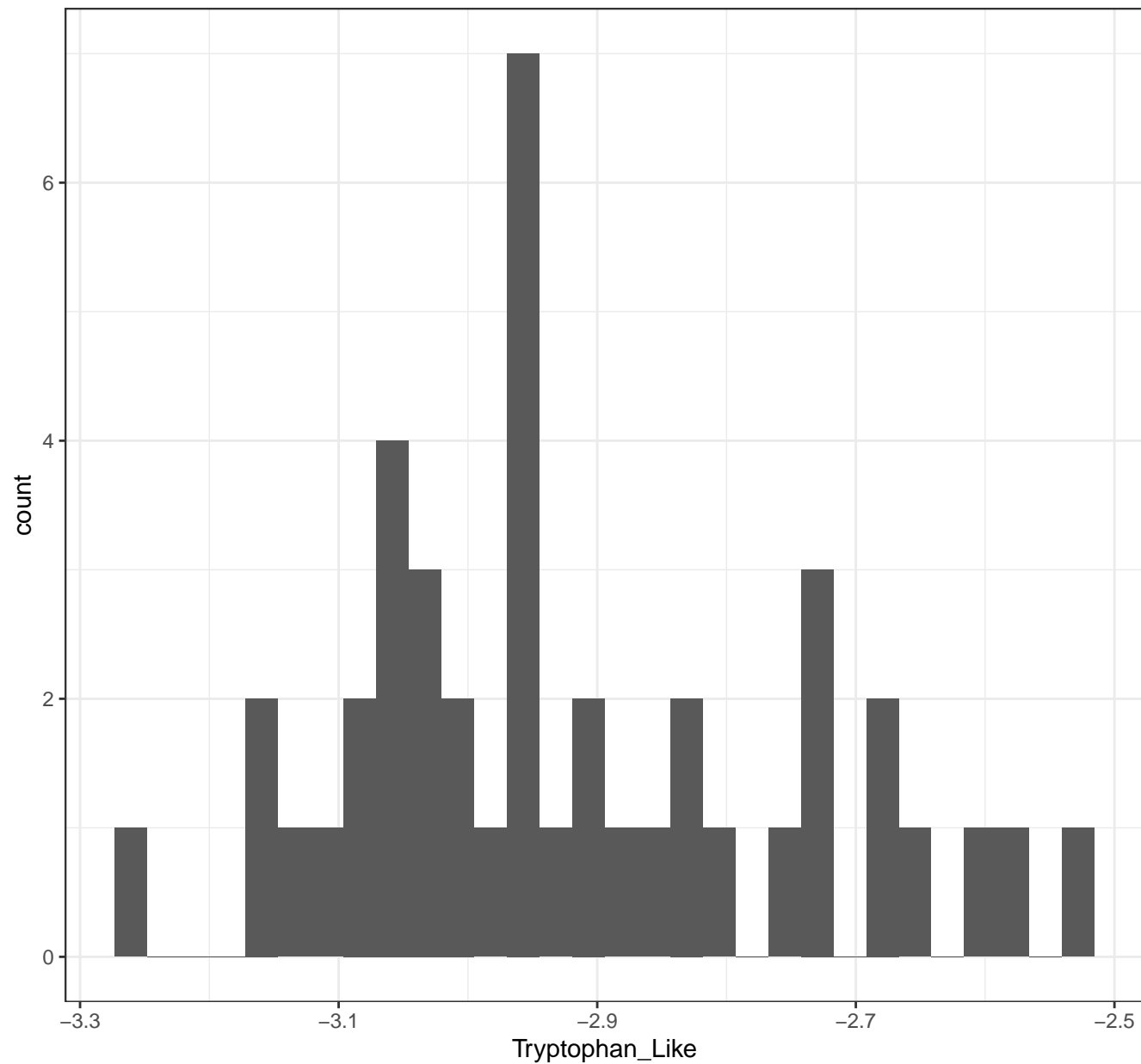
Transformed Mean VisibleHumidic_Like: Not Normal

$p = 0.00613889806887676$ (Shapiro Wilk Test)



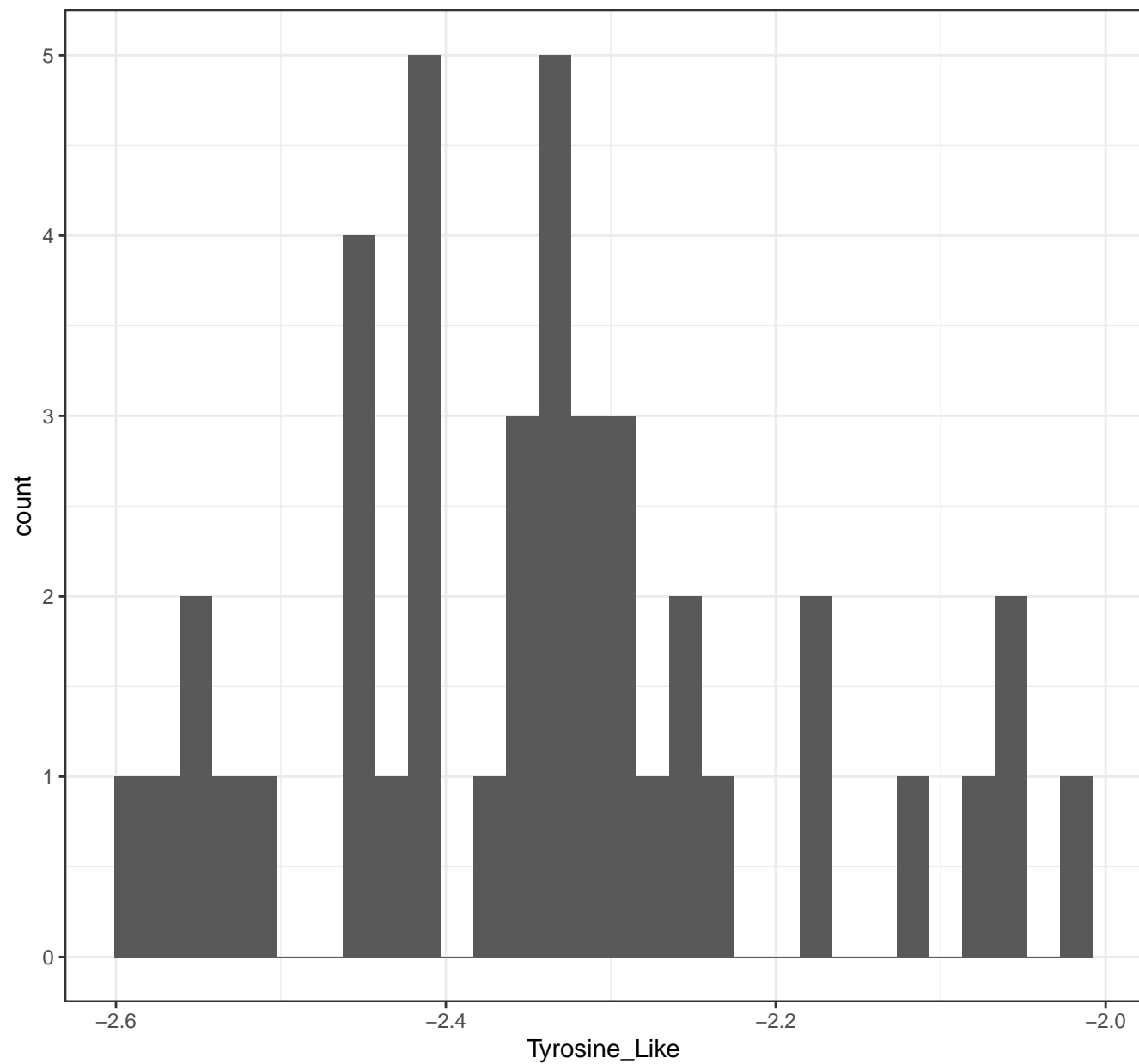
Transformed Mean Tryptophan_Like: Normal

$p = 0.28645340118966$ (Shapiro Wilk Test)



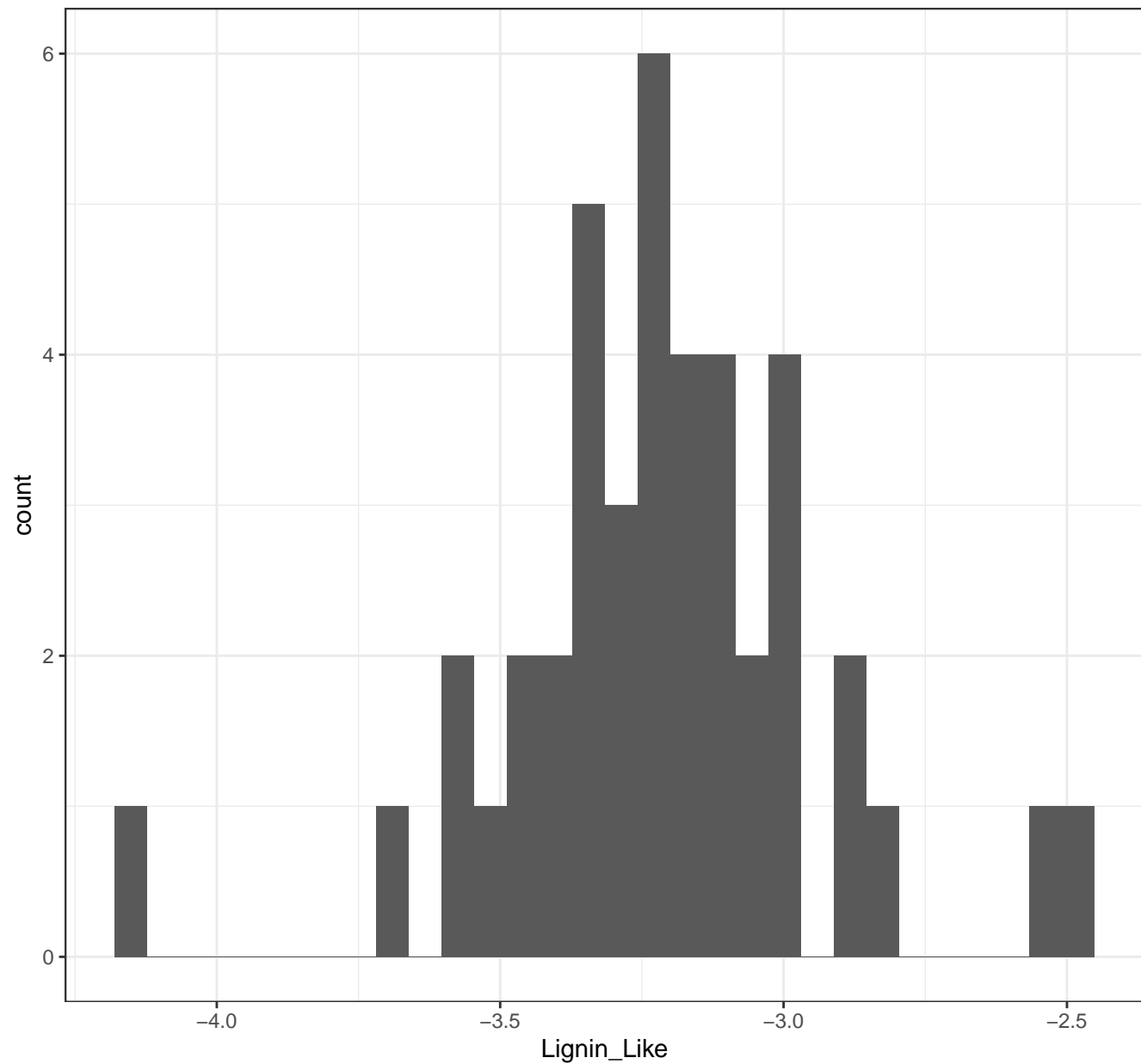
Transformed Mean Tyrosine_Like: Normal

$p = 0.210328535087895$ (Shapiro Wilk Test)

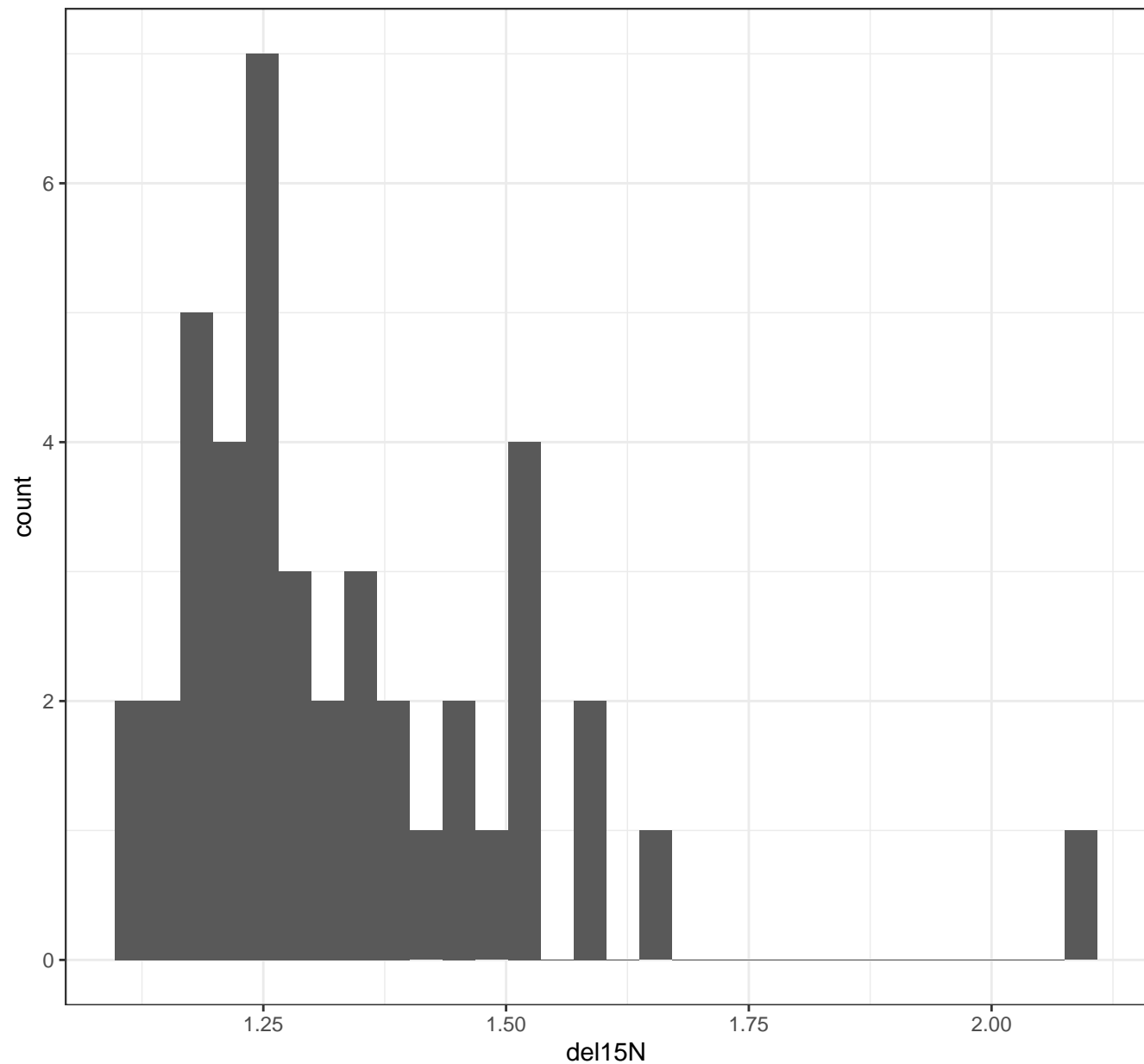


Transformed Mean Lignin_Like: Not Normal

$p = 0.0417612452056993$ (Shapiro Wilk Test)



Transformed Mean del15N: Not Normal
p = 0.000116032606784396 (Shapiro Wilk Test)



Transformed Mean N_percent: Not Normal

$p = 0.0480396612058638$ (Shapiro Wilk Test)

