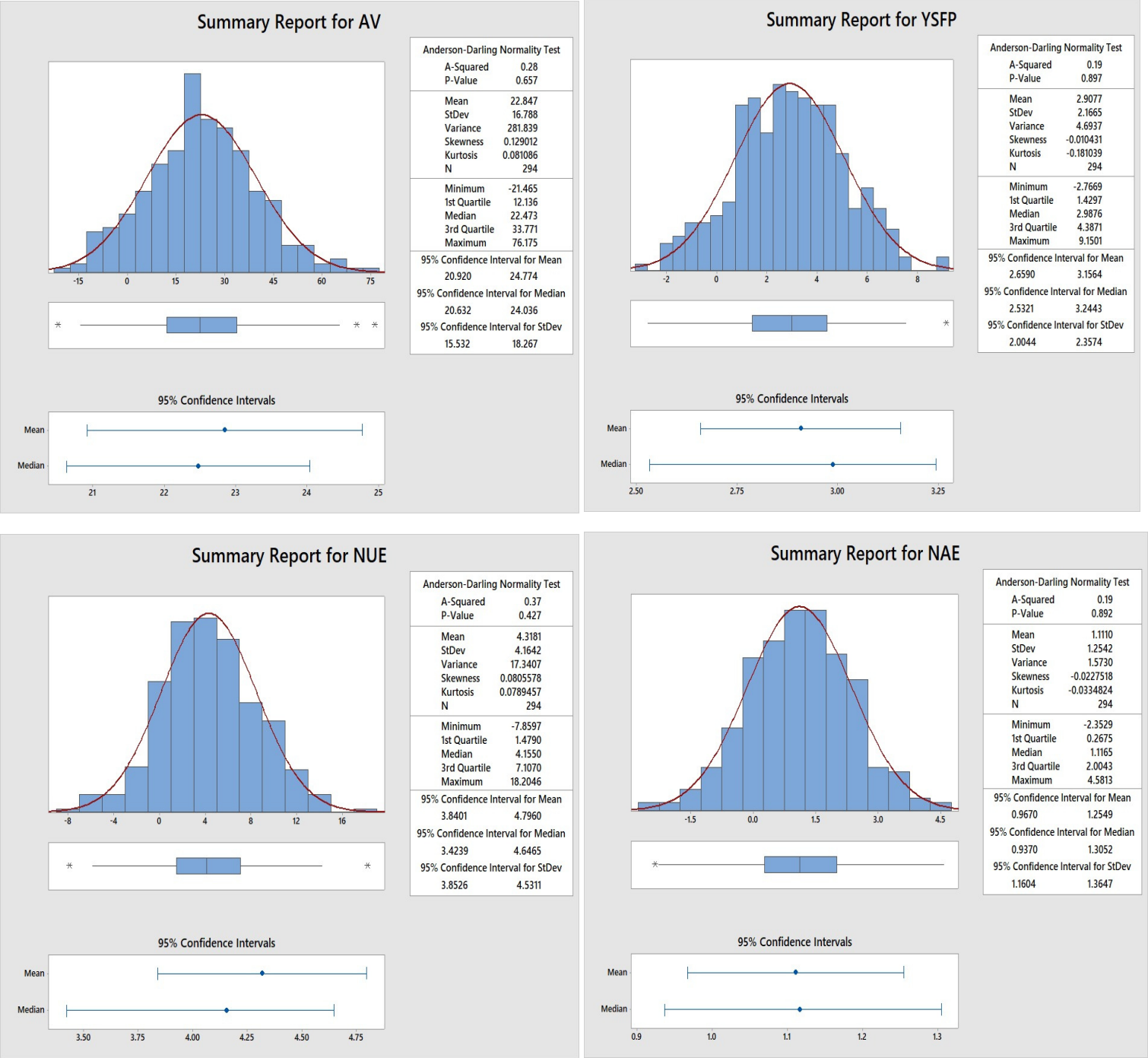
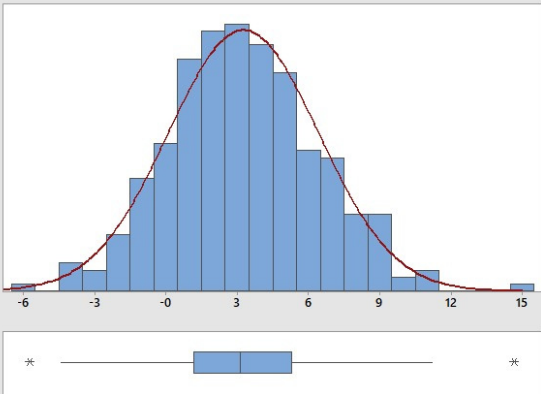


Figure S1. Normal distribution of the observed data included in the meta-analysis after bootstrapping by SPSS Statistics 20 (IBM, USA). AV is ammonia volatilization (kg N ha^{-1}), YSFP is yield scaled fertilizer productivity (kg N Mg^{-1} grains), NUE is nitrogen use efficiency (%), NAE is Nitrogen agronomic efficiency (kg grains kg^{-1} N) and PAN is productivity of applied nitrogen (kg grains kg^{-1} N).



Summary Report for PAN



Anderson-Darling Normality Test	
A-Squared	0.23
P-Value	0.805
Mean	3.2687
StDev	3.1642
Variance	10.0123
Skewness	0.167120
Kurtosis	0.207881
N	294
Minimum	-5.7237
1st Quartile	1.1798
Median	3.1146
3rd Quartile	5.3136
Maximum	14.6668
95% Confidence Interval for Mean	
	2.9055 3.6319
95% Confidence Interval for Median	
	2.6932 3.5520
95% Confidence Interval for StDev	
	2.9275 3.4430

