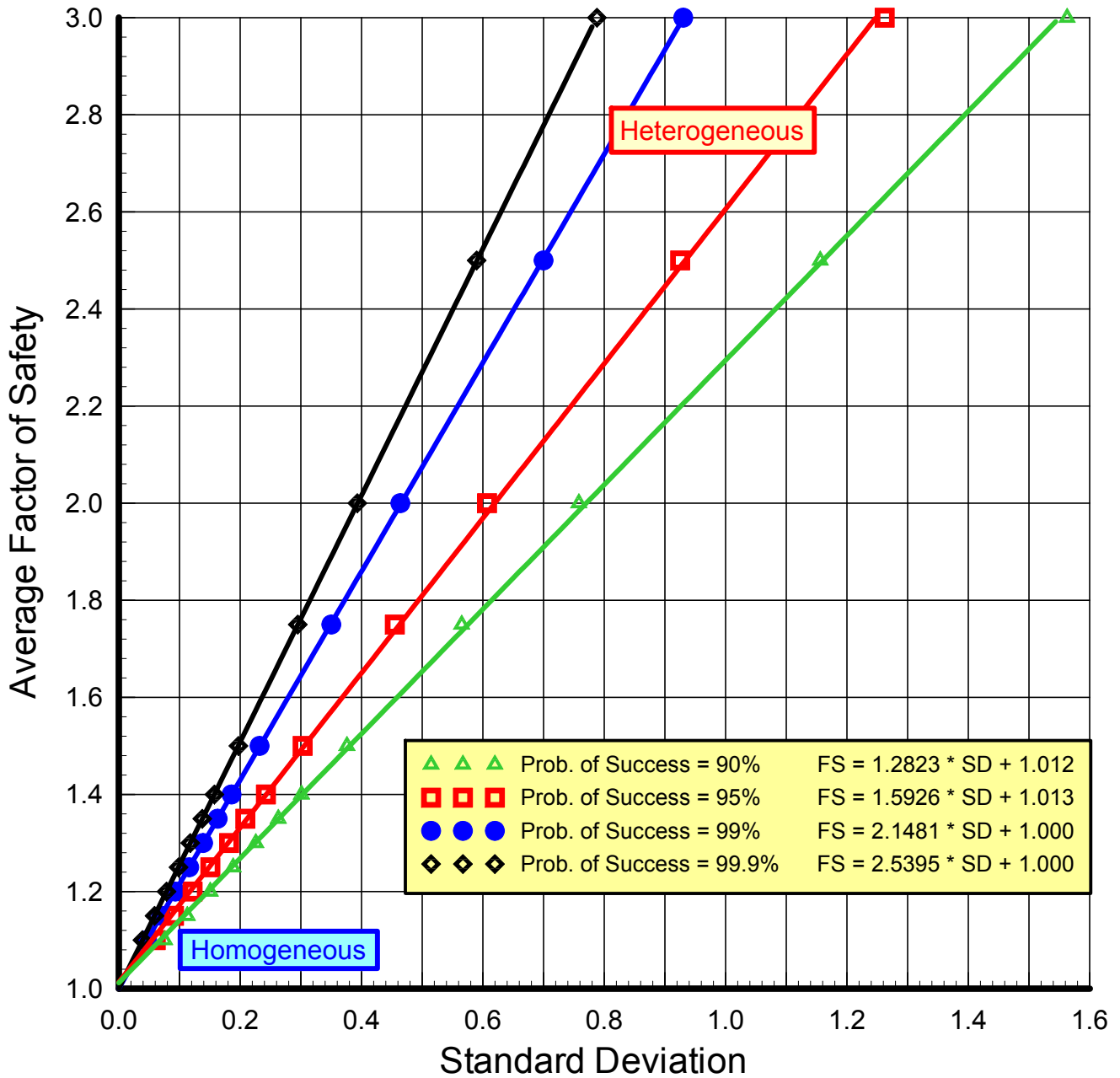
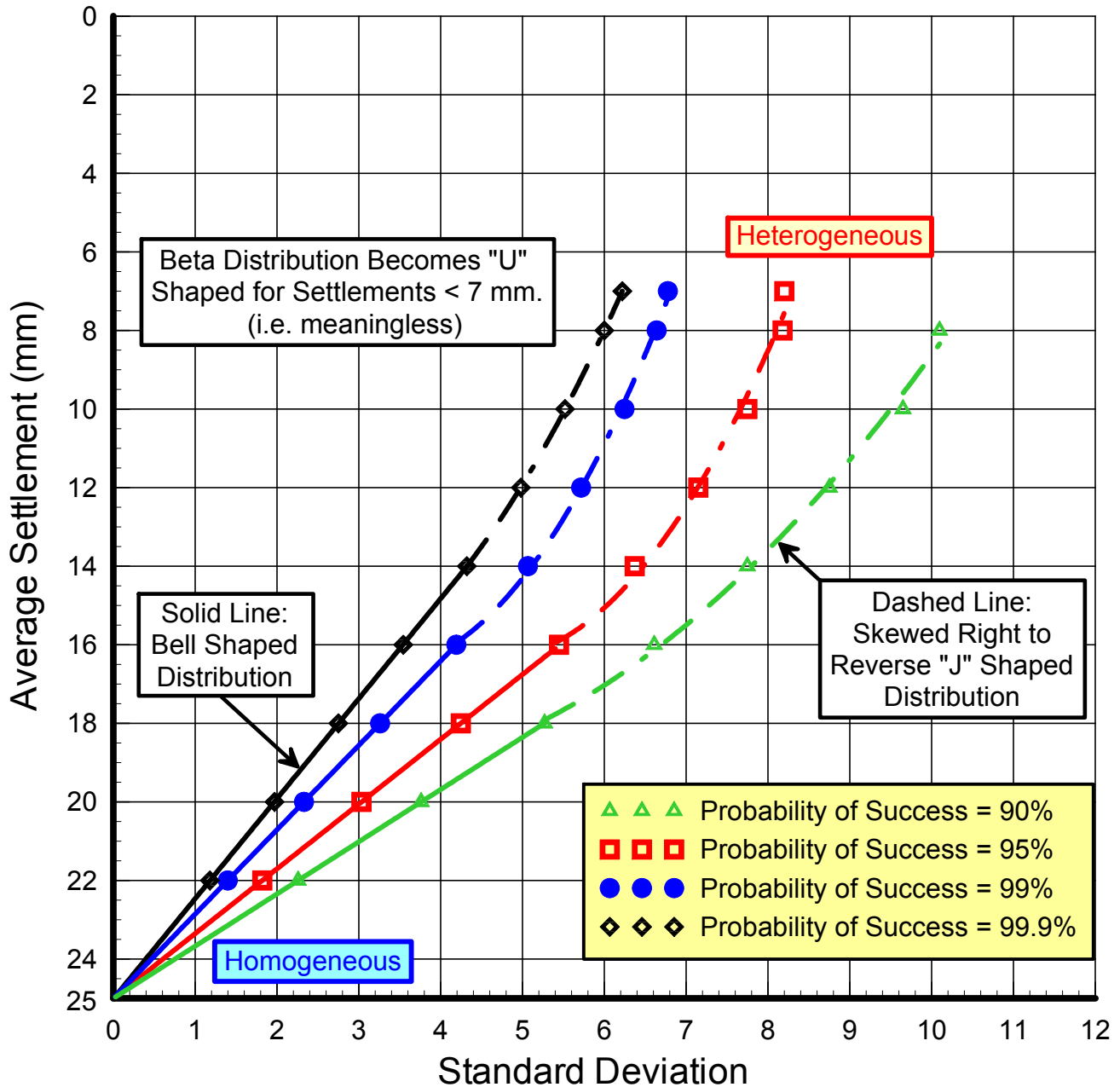


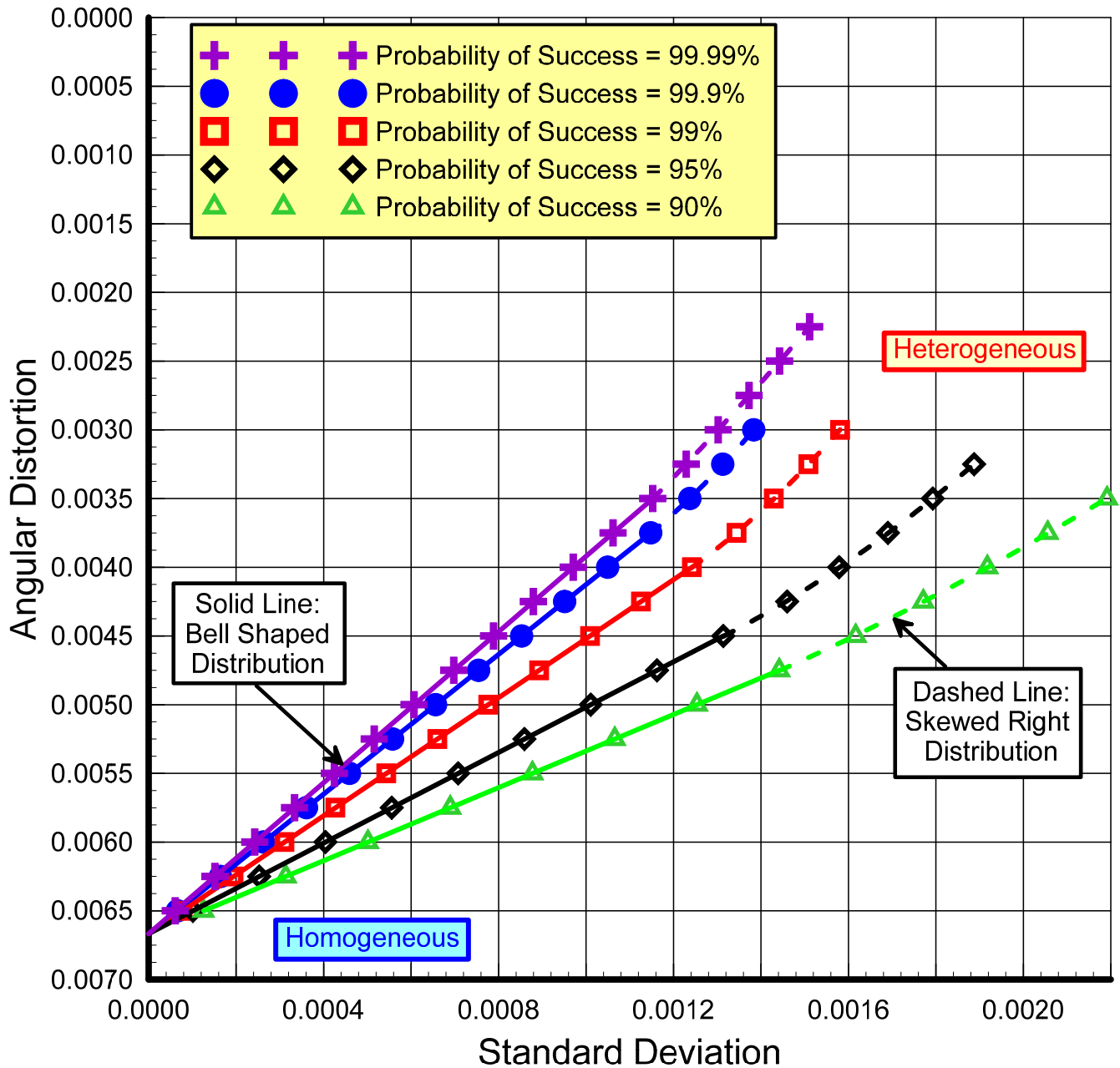
**Summary of Beta Probability Distribution Analyses For Slope Stability**  
**Min/Max Limits = Average  $\pm$  3 S.D.**



**Summary for Beta Probability Distribution Analyses for Settlement  
With a Threshold Settlement = 25 mm  
and Min/Max Limits = Average  $\pm$  3 S.D.**

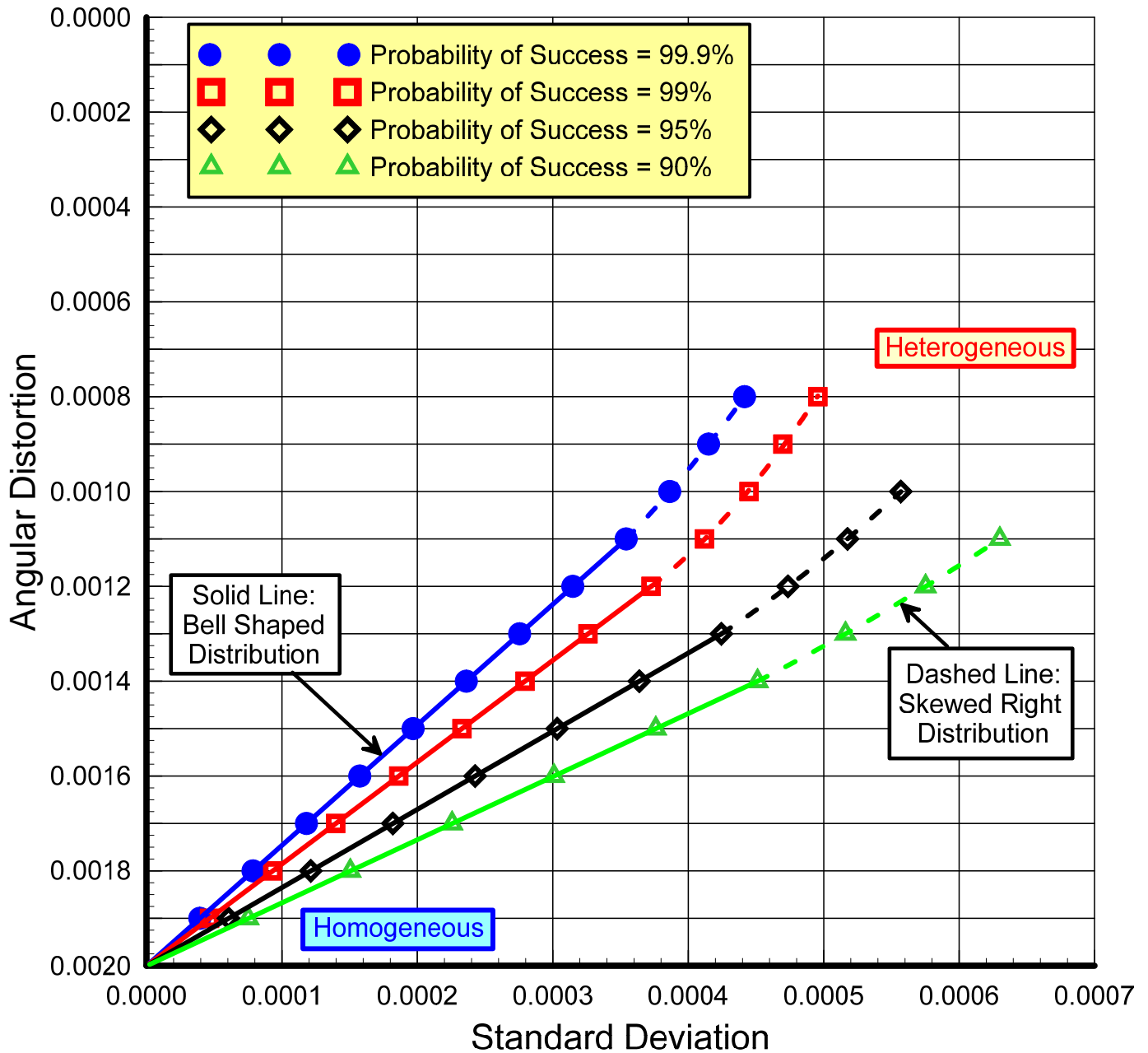


**Summary for Beta Probability Distribution Analyses for  
Angular Distortion With a Threshold Value = 1/150  
and Min/Max Limits = Average  $\pm$  3 S.D.**

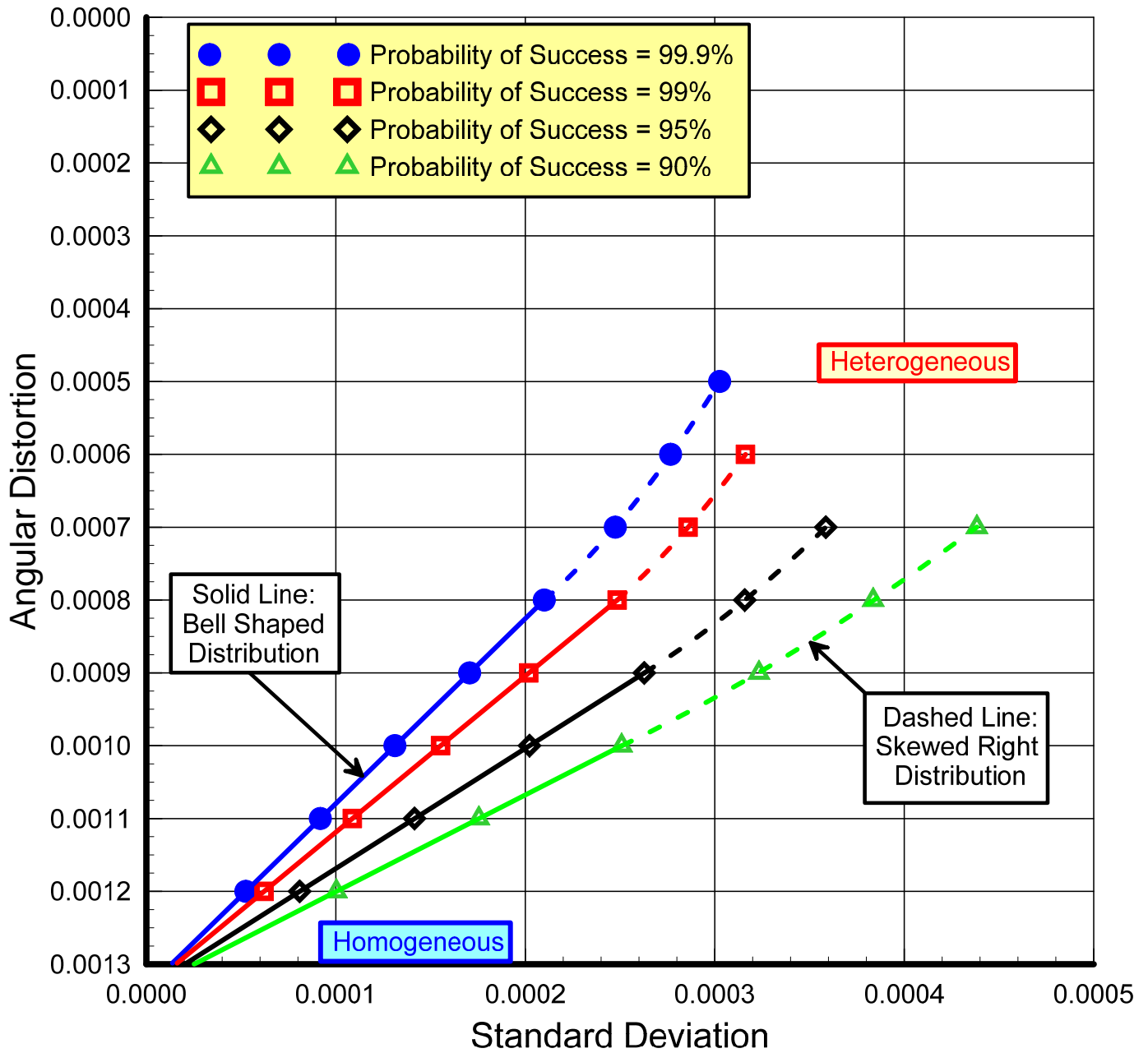




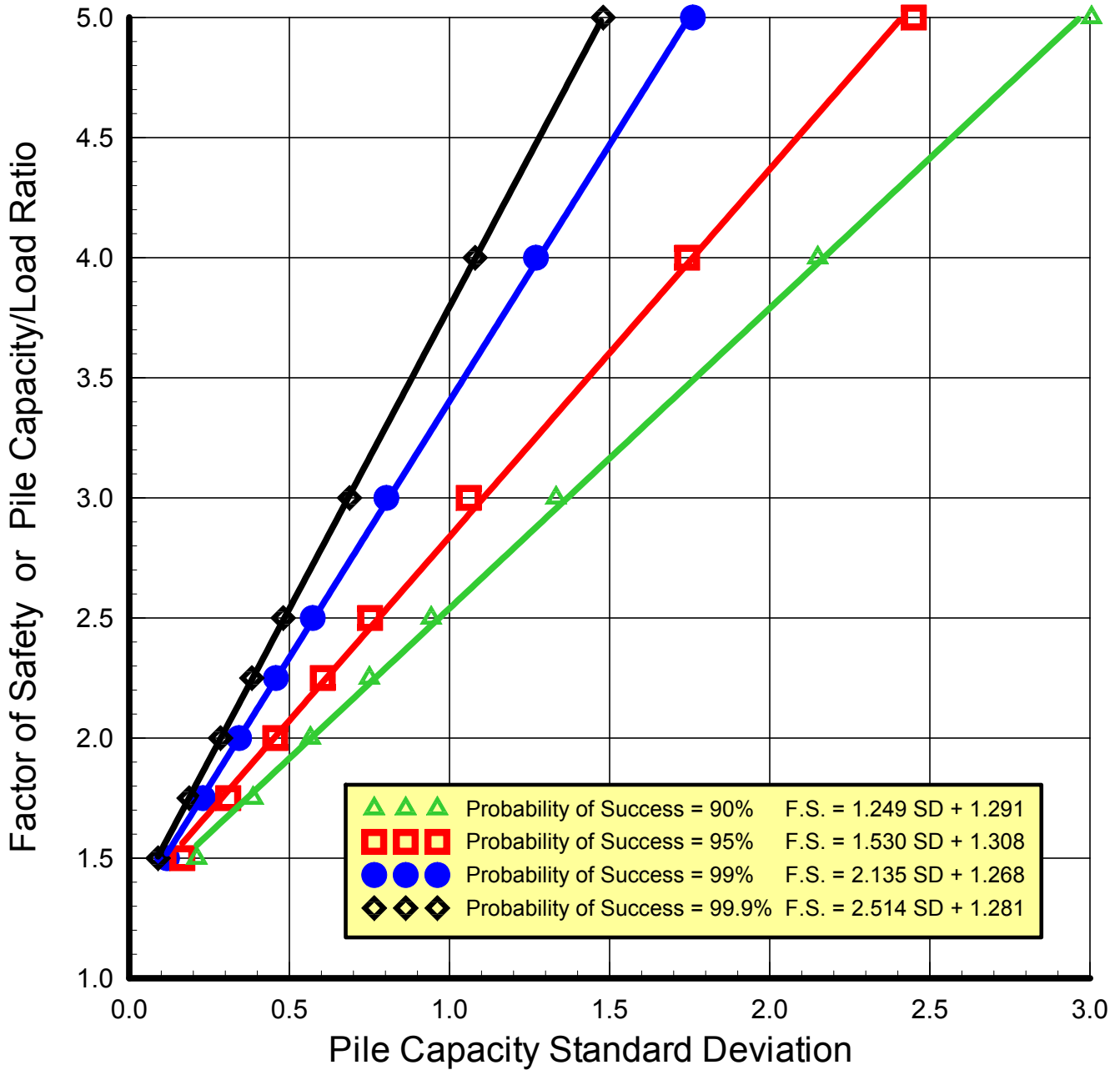
**Summary for Beta Probability Distribution Analyses for Angular Distortion With a Threshold Value = 1/500 and Min/Max Limits = Average  $\pm$  3 S.D.**



**Summary for Beta Probability Distribution Analyses for  
Angular Distortion With a Threshold Value = 1/750  
and Min/Max Limits = Average  $\pm$  3 S.D.**



Summary of Beta Probability Distribution Analyses  
of Pile Design with Load Standard Deviation = 0.1

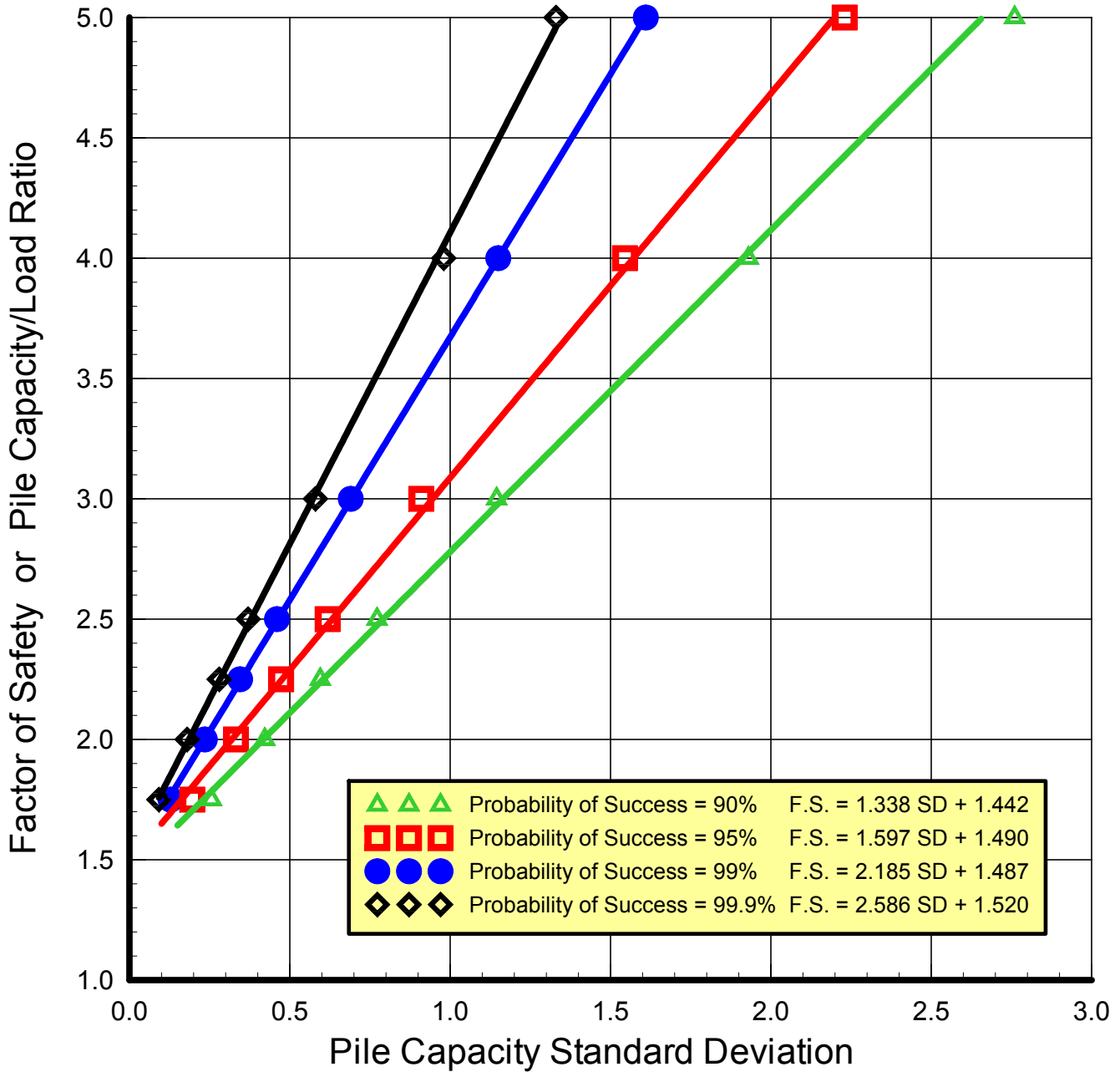


Homogeneous

Site Variability

Heterogeneous

Summary of Beta Probability Distribution Analyses of Pile Design with Load Standard Deviation = 0.2



△ △ △	Probability of Success = 90%	F.S. = 1.338 SD + 1.442
□ □ □	Probability of Success = 95%	F.S. = 1.597 SD + 1.490
● ● ●	Probability of Success = 99%	F.S. = 2.185 SD + 1.487
◆ ◆ ◆	Probability of Success = 99.9%	F.S. = 2.586 SD + 1.520

