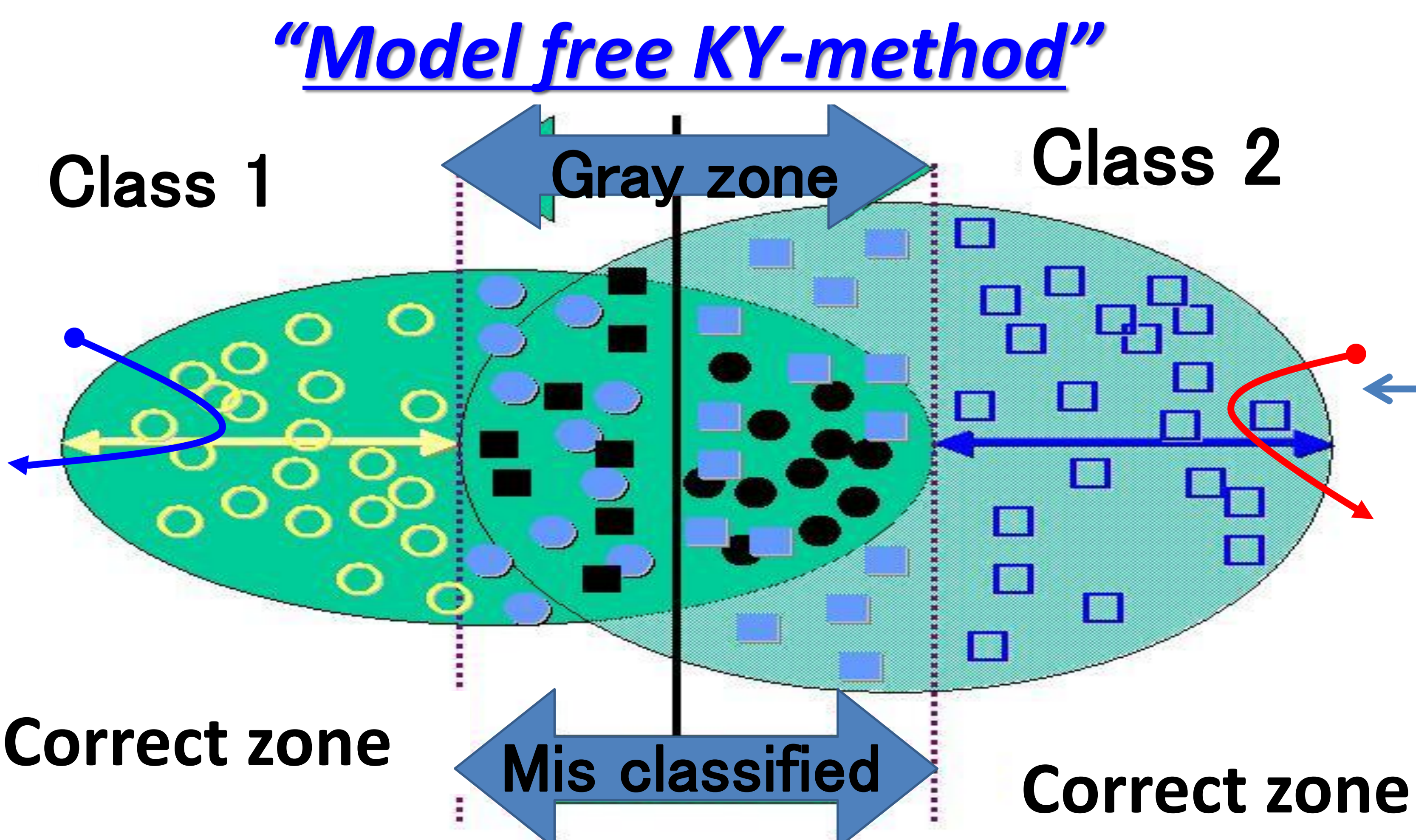
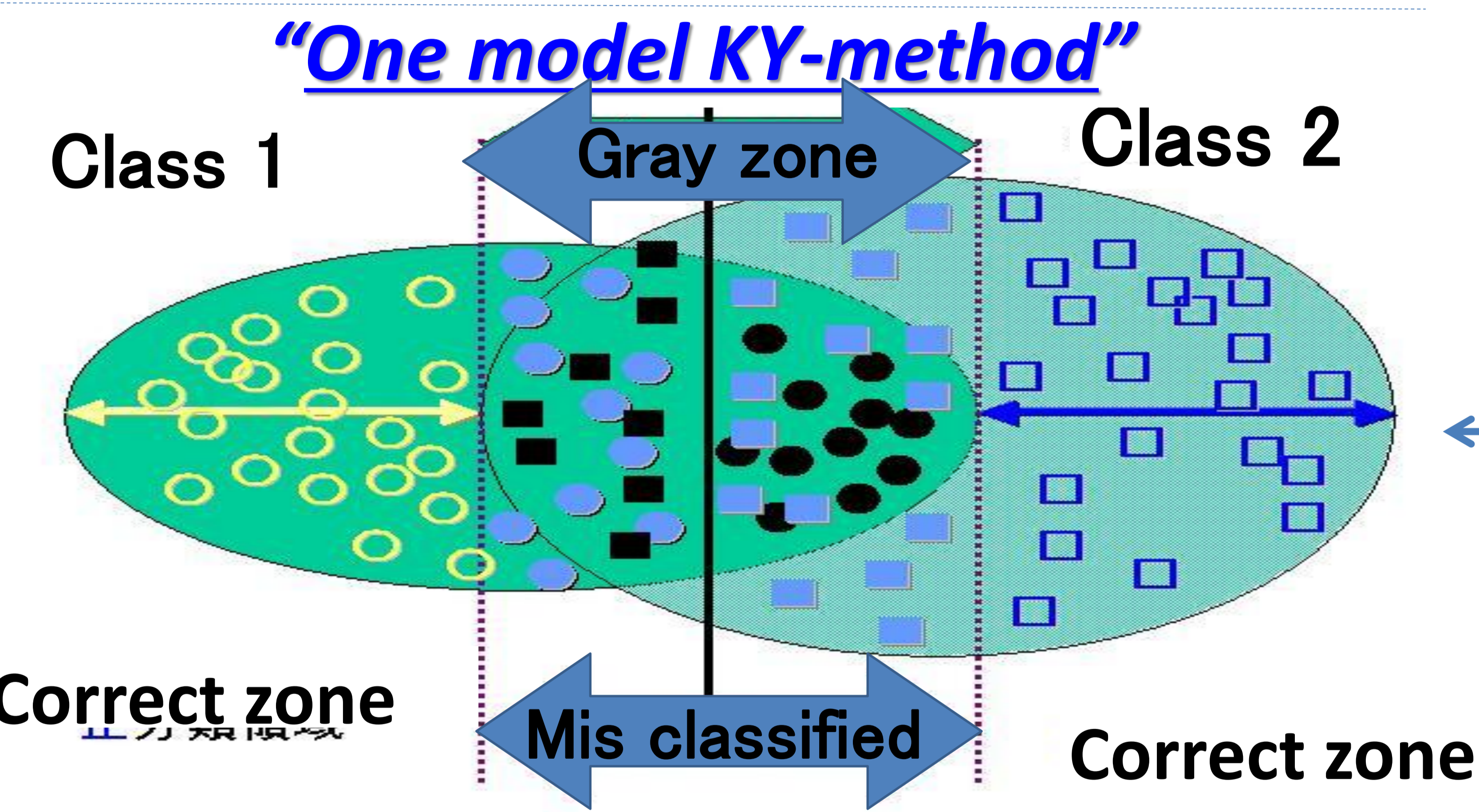
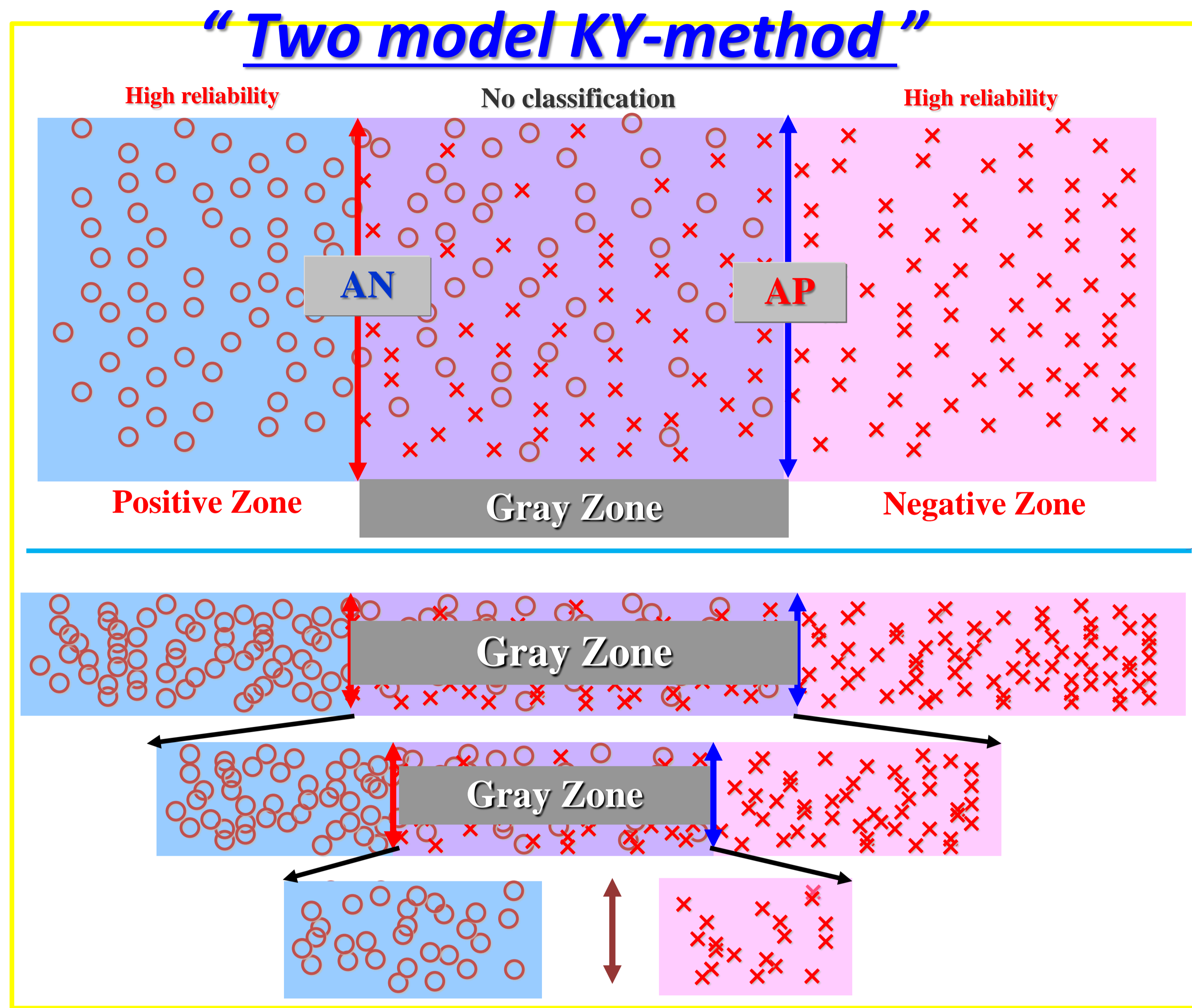


Development of new data analysis methods : The KY-methods

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◆ Introduction

>Big data era has come and data analysis methods are required to handle large amounts of data.

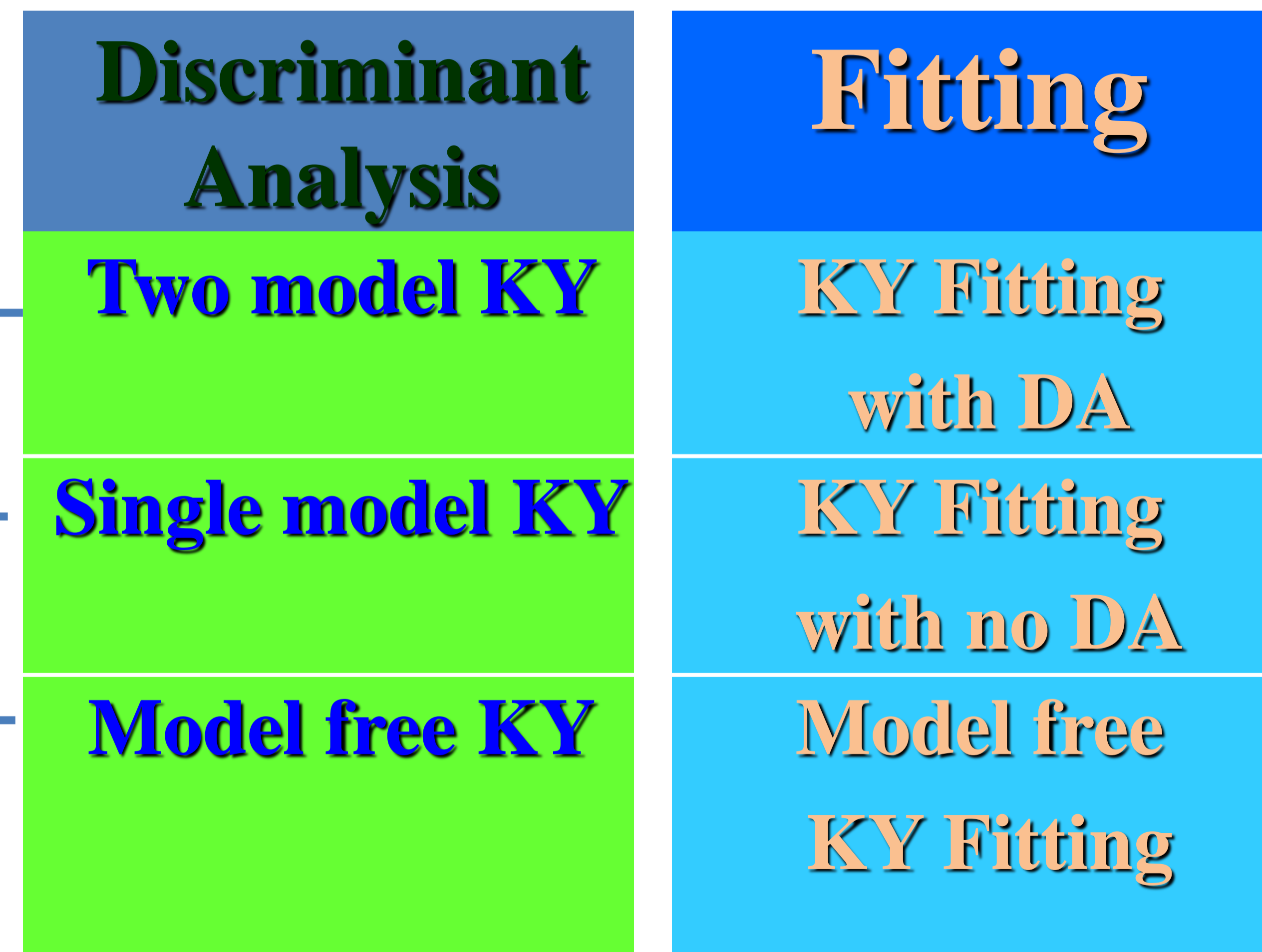
>Now data analytical methods must handle large amounts of data and have high accuracy are required.

>The KY-methods are developed state of the art data analysis methods for which can implement the above requirements.

>By adopting the multistage iterative analysis method, the KY-method can achieve high analytical precision even when handling with a large number of samples

>The KY-method easy to incorporate new data analysis methods which will be developed in the future.

A series of the KY methods



◆ Conclusion

>Discriminant analysis (3 methods) and fitting (3 methods) were developed as KY-method.

>Discriminant analysis by KY-method (2 class classification) achieve 100% classification rate constantly.

> High correlation coefficient was obtained by KY fitting method.

> In the prediction rate, the model free KY-method may achieve the highest value in discriminant analysis, and the model free KY fitting is expected to achieve high value in fitting.

