

Seach for $B \rightarrow \nu\bar{\nu}$ decays at the Belle II
experiment

Thesis at University

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Abstract

This is a summary.

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1

Introduction

This is an introduction. Chapter 2 defines the concept of probability.

2

Probability

As stated in Chapter 1, this section defines the concept of probability, which was proposed in [1]. See Figure 2.1 and Table 2.1.

Table 2.1: This is a caption.

| Name | Definition | Alternative names |
|---------------------|---|----------------------------|
| Purity | $\frac{TP}{\text{Predicted Positive}} = \frac{TP}{TP+FP}$ | Precision |
| Efficiency | $\frac{TP}{\text{Real Positive}} = \frac{TP}{TP+FN}$ | Recall, True Positive Rate |
| False Positive Rate | $\frac{FP}{\text{Real Negative}} = \frac{FP}{FP+TN}$ | |

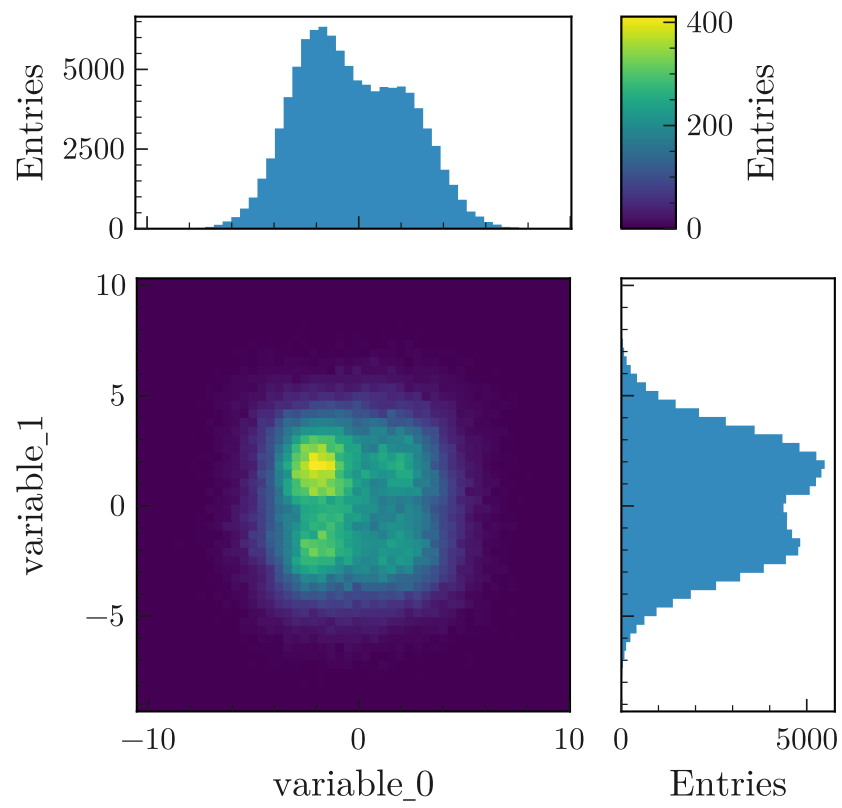


Figure 2.1: This is a caption.

3

Conclusion

This is a conclusion.

Bibliography

- [1] A N Kolmogorov. *Foundations of the theory of probability*. Chelsea Publishing Company, New York, NY, USA, 1956. (cited on page 7)