

Statistical Methods in Particle Physics

**Quiz on chapter 8:
Multivariate analysis**

**Prof. Dr. Klaus Reyggers (lectures)
Dr. Sebastian Neubert (tutorials)**

**Heidelberg University
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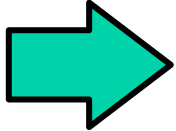
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1. confidence level signature (CLs)
2. performance index measure (PIM)
3. receiver operating characteristic (ROC)
4. Gini index (GI)

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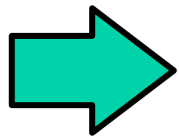
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2. it approximates PDF's as multi-variate Gaussians
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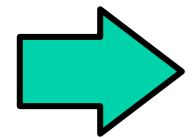
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3. the classification performance becomes worse when the training sample is too large
4. classification becomes slow for a too large training sample

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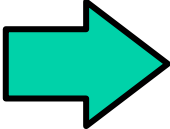


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