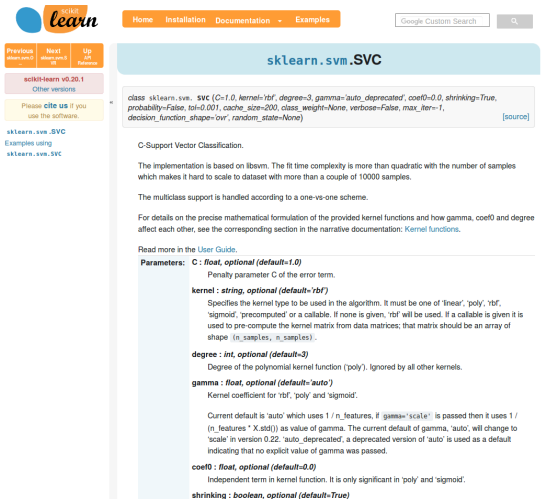
Meta Learning for Defaults – Symbolic Defaults

Jan N. van Rijn, Florian Pfisterer, Janek Thomas, Andreas Müller, Bernd Bischl, Joaquin Vanschoren



- Defaults commonly used in Machine Learning research and practise

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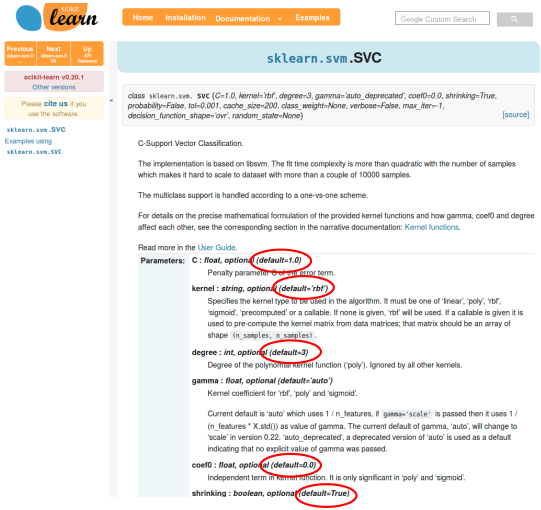

- Defaults commonly used in Machine Learning research and practise
- Example: SVM(C=1.0, γ=0.0125, kernel=RBF)

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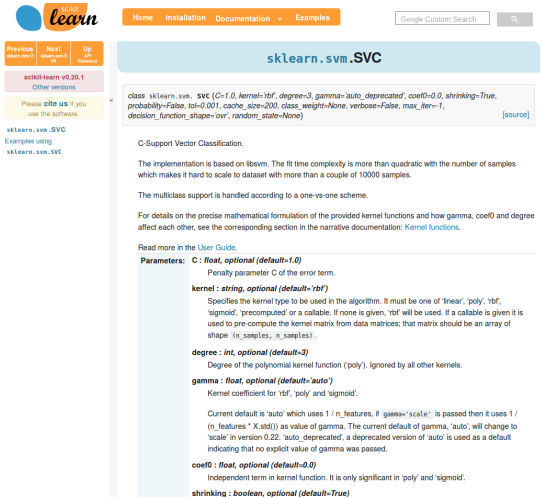

- Defaults commonly used in Machine Learning research and practise
- Example: SVM(C=1.0, γ=0.0125, kernel=RBF)
- Goal: Defaults based on meta-feature
- Example: SVM(C=85, γ=0.2 / num. features, kernel=RBF)
- Classical form of meta-learning
- Question: How to find good symbolic defaults?
- Answer: Let's discuss this at our poster!