	ARIMA	SVR	ANN
Pro	• Efficient (Adhikari 2014)	• Models linear as well as nonlinear relationships (Han 2014, Adhikari 2014) • Only few data required (Wu 2008) • Variable selection • Able to find global maximum (Han 2014) • strong generalization ability (Adhikari 2014) • faster convergence speed (Wu 2008)	• models nonlinear relationships • variable selection • useful for „long-term“ time series (Han 2014) • non-parametric and nonlinear modeling skill, flexible and data-driven nature, good generalizationability, and reasonably good accuracy. (Adhikari 2014) • RNN capable of including time dependencies (Adhikari 2014)
Con	• Models linear relationships between variables – accuracy my be afflicted (Adhikari 2014) • Easy to be disturbed by noise (Wu 2008)	• Training times increase drastically with respect to the number of training samples (Deng 2005)	• My lead to overfitting (Deng 2005) • May only find local maximum (Deng 2005, Adhikari 2014) • Sensitive for preselected model architecture and data fed to the model (Adhikari 2014) • Computational cost RNN > FNN (Adhikari 2014)