

Table S3. Overview of the usability of the different kernels

Name	Availability	Learning software	Documentation
SL	http://tcc.itc.it/research/textec/tools-resources/jsre/user-guide-1.1.html	libSVM 2.80	homepage and readme
ST	http://dit.unitn.it/~moschitt/Tree-Kernel.htm	SVM-light-TK 1.5	homepage
SST	http://dit.unitn.it/~moschitt/Tree-Kernel.htm	SVM-light-TK 1.5	homepage
PT	on request	SVM-light-TK 1.5	homepage
SpT	published in the online appendix of this paper; implemented by [29]	SVM-Light 6.02	homepage
kBSPS	published in the online appendix of this paper; implemented by [29]	SVM-Light 6.02	homepage
cosine	on request	SVM-Light 6.01	readme file
edit	on request	SVM-Light 6.01	readme file
APG	http://mars.cs.utu.fi/PPICorpora/GraphKernel.html	sparse RLS	readme file

All tools are command-line-based. Solely APG uses the uniform XML training format from [37], therefore for all other tools the input files have to be appropriately converted.