

SemiL is efficient software for solving large scale semi-supervised learning or transductive inference problems using graph based approaches.

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Developed by Te-Ming Huang and Vojislav Kecman, with a support of Dr. Chan-Kyoo Park. Discussion with and help of Dr. Dengyong Zhou is highly appreciated.

The software SemiL implements, extends and improves two approaches presented in papers:

Zhou, D., Bousquet, O., Lal, T. N., Weston, J., Schölkopf, B.:

Learning with Local and Global Consistency, NIPS 16, pp. 321-328, 2004

Zhu, X.-J., Ghahramani, Z., Lafferty, J.:

Semi-Supervised Learning Using Gaussian Fields and Harmonic Functions, ICML 2003

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