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Nota di contenuto	Dynamic networks and knowledge discovery -- Interactions between data mining and natural language processing -- Mining ubiquitous and social environments -- Statistically sound data mining -- Machine learning for urban sensor data -- Multi-target prediction -- Representation learning -- Neural connectomics: from imaging to connectivity -- Data analytics for renewable energy integration -- Linked data for knowledge discovery -- New frontiers in mining complex patterns -- Experimental economics and machine learning -- Learning with multiple views: applications to computer vision and multimedia mining -- Generalization and reuse of machine learning models over multiple contexts -- Predictive web analytics.
Sommario/riassunto	This three-volume set LNAI 8724, 8725 and 8726 constitutes the refereed proceedings of the European Conference on Machine Learning

and Knowledge Discovery in Databases: ECML PKDD 2014, held in Nancy, France, in September 2014. The 115 revised research papers presented together with 13 demo track papers, 10 nectar track papers, 8 PhD track papers, and 9 invited talks were carefully reviewed and selected from 550 submissions. The papers cover the latest high-quality interdisciplinary research results in all areas related to machine learning and knowledge discovery in databases.