Application of logistic regression for identification of miRNAs as biomarkers in pulmonary adenocarcinoma

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Abstract: *The objective is to identify the deregulated miRNA expression of 508 lung adenocarcinoma and 45 normal lung tissues, that is associated with the hallmarks of cancer. The data was analyzed using Wilcoxon's test and a logistic regression model. We identified 18 altered miRNAs in tumor compared to normal samples.*

Keywords: Biostatistics; microRNAs; lung cancer; prognostic biomarkers.

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