

# Latent Dirichlet Allocation literature review

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## Abstract

We review some of the recent results about topic models.

**keywords:** LDA, topic models, graphical models, machine learning.

## 1 Introduction

[ABFX08, ABGD09, AMLZ07, AZC09, AZCR11, ASW08, AWST09, BJ03, Ble03, BNJ03, BGJT03, BGJ07, BL06, BL07, BM07, Ble11, Blo11, BGBZ07, BGB07, BGB08, BGB09, BM10, BM11, Bun09a, BJ05, Bun09b, CLT07, Cha11, CB09, CSS06, CDB11, CBGW<sup>+</sup>09, DSF11, III09, DS11, DDF<sup>+</sup>90, DBS07, DLP08, DE09, EOSX10, EAX11, EFL04, e09, GB10, GK03, GSH10, GHSS09, GS04, GSBT04, HJM08, Hei04, Hei09, Hei11, HGG07, Hof99, HBB10, JI10, Joh10, KSJ07, LJSJ08, LD97, Lan11, LBM07, LXH08, McC02, MCEW05, MLW<sup>+</sup>07, MSZ07, MCZZ08, MM07a, MM07b, MLM07, MM08, MWM08, MWN<sup>+</sup>09, Mim11, MWT<sup>+</sup>11, MB11, MB08, MB08, MVTMR11, NAXC08, NCD<sup>+</sup>07, NCL07, Nal10, NCS06, NB06, NLGB10, NSHC09, PN07, PBP04, PKGT06, RR09, RHN09, RDL10, RWSM10, RZGSS04, SH09, Nar11, SN10, SG05, SG06, TME11, TNW06, TJBB06, TJ07, Wal06, WMSM09, WMM09, WM09, WFKG11, WMM05, WM06, WBH08, WBL09, Wan11, LM06, WC06, YXQ09, YCZ11, YMM09, ZSZL10, ZX06, ZX07, ZAX09, ZX10, ZBL06]

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