LDA
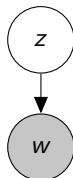
- z = topic for one word
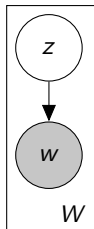
LDA

- z = topic for one word
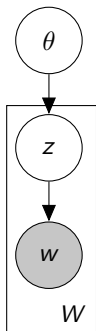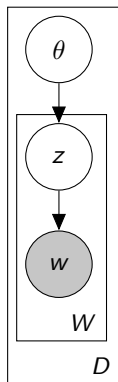- w = word token

LDA

- z = topic for one word
- w = word token
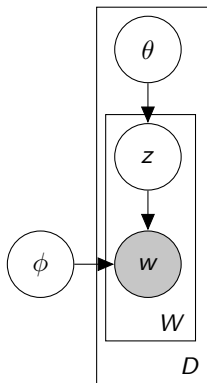- W plate = multiple words

LDA

- z = topic for one word
- w = word token
- W plate = multiple words
- θ = document-topic proportions

LDA

- z = topic for one word
- w = word token
- W plate = multiple words
- θ = document-topic proportions
- D plate = multiple documents

LDA

- z = topic for one word
- w = word token
- W plate = multiple words
- θ = document-topic proportions
- D plate = multiple documents
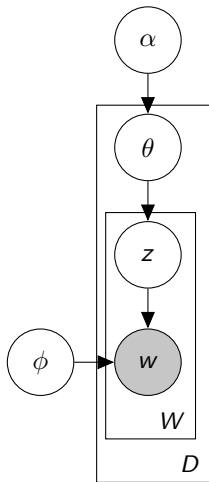- ϕ = word-topic distribution

LDA

- z = topic for one word
- w = word token
- W plate = multiple words
- θ = document-topic proportions
- D plate = multiple documents
- ϕ = word-topic distribution
- α = Dirichlet prior

LDA

- z = topic for one word
- w = word token
- W plate = multiple words
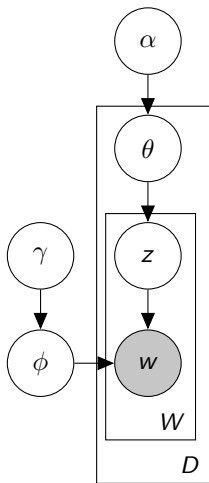- θ = document-topic proportions
- D plate = multiple documents
- ϕ = word-topic distribution
- α = Dirichlet prior
- γ = Dirichlet prior