Part 1

X Axis: Topics 1 - 30.
Y Axis: Probability of a topic being chosen.

Probability of Topics
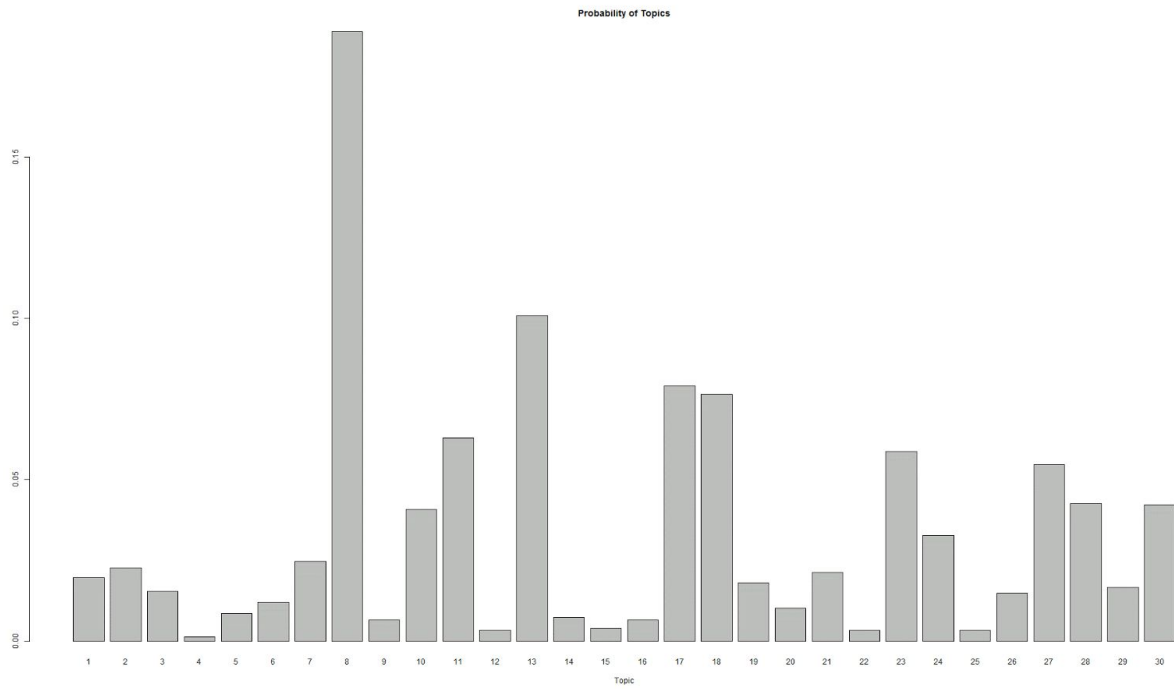
Rows: Topics 1 - 30.
Columns: Words with highest probability in a given topic.

	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10
1	model	network	control	learning	movement	neural	motor	trajectory	dynamic	system
2	circuit	input	neuron	output	current	signal	voltage	model	network	analog
3	learning	algorithm	function	policy	action	convergence	problem	reinforcement	system	result
4	segment	network	set	training	language	utterances	input	rhythm	neural	test
5	network	function	output	input	information	linear	distribution	order	data	learning
6	neuron	network	model	synaptic	neural	system	cell	circuit	pattern	input
7	cell	model	motion	direction	neuron	spike	unit	information	data	noise
8	network	learning	function	neural	algorithm	weight	system	input	model	error
9	david	michael	john	richard	peter	index	author	thomas	eric	paul
10	network	model	data	input	set	training	algorithm	function	image	learning
11	network	unit	input	training	set	learning	output	neural	layer	word
12	part	control	navigation	planning	application	viii	iii	theory	neuroscience	implementation
13	model	data	network	function	parameter	set	error	training	algorithm	neural
14	learning	set	training	network	error	function	density	model	bound	theory
15	neural	processor	network	parallel	model	data	system	map	computation	computer
16	dominance	ocular	pattern	model	development	eye	cortical	correlation	function	map
17	network	unit	input	learning	model	training	set	system	output	weight
18	model	cell	network	visual	input	neuron	object	system	unit	neural
19	learning	algorithm	model	network	set	function	data	training	local	method
20	motion	chip	circuit	output	field	flow	current	analog	image	system
21	function	data	set	vector	kernel	space	problem	training	algorithm	number
22	object	image	model	view	images	point	linear	recognition	human	contour
23	learning	model	action	function	algorithm	problem	policy	optimal	system	set
24	network	learning	algorithm	function	problem	training	system	neural	input	set
25	network	function	output	point	neural	set	unit	input	weight	learning
26	model	network	graph	problem	object	matching	function	level	constraint	neural
27	data	classifier	training	network	set	algorithm	function	error	learning	problem
28	neuron	cell	model	input	synaptic	network	function	firing	response	learning
29	network	error	training	set	data	model	neural	weight	generalization	input
30	network	system	image	model	input	neural	visual	images	motion	output

Part 2

1.

  a) balloons.jpg

      i) 10 Segments

ii)   20 Segments

iii)   50 Segments

b) Mountains.jpg
   i) 10 Segments
   ii) 20 Segments
   iii) 50 Segments

c) Nature.jpg
d) Ocean.jpg
e) polarlights.jpg