CONTENTS

/,0./5 02

1.1 03

1.1.1 03

1.1.2 04

1.2 05

1.2.1 05

1.2.2 06

1.2.3 09

1.2.4 14

1.3 15

1.3.1 15

1.3.2 16

1.3.3 17

1.3.4 500 18

1.3.5 19

1.3.6 19

1.3.7 20

1.3.8 20

1.4 21

1.4.1 21

1.4.2 22

1.4.3 22
1.4.4 500 23
1.4.5 25
1.4.6 25
1.5 26
1.5.1 26
1.5.2 27
1.6 27
1.6.1 27
1.6.2 28
0, ... 29
2.1 2013-2017 30
2.2 30
2.2.1 2013-2017 30
2.2.2 2013-2017 31
2.2.3 2013-2017 32
2.3 33
2.3.1 2013-2017 33
2.3.2 2013-2017 33
1, ... 34
3.1 35
3.1.1 35
3.1.2 35
3.2 35
3.2.1 35
3.2.2 36
3.3 36
3.3.1 36
3.3.2 37
3.3.3 37
3.3.4 38

3.4 38
3.4.1 38
3.4.2 39
3.5 39
3.5.1 39
3.5.2 40

121

98%

121

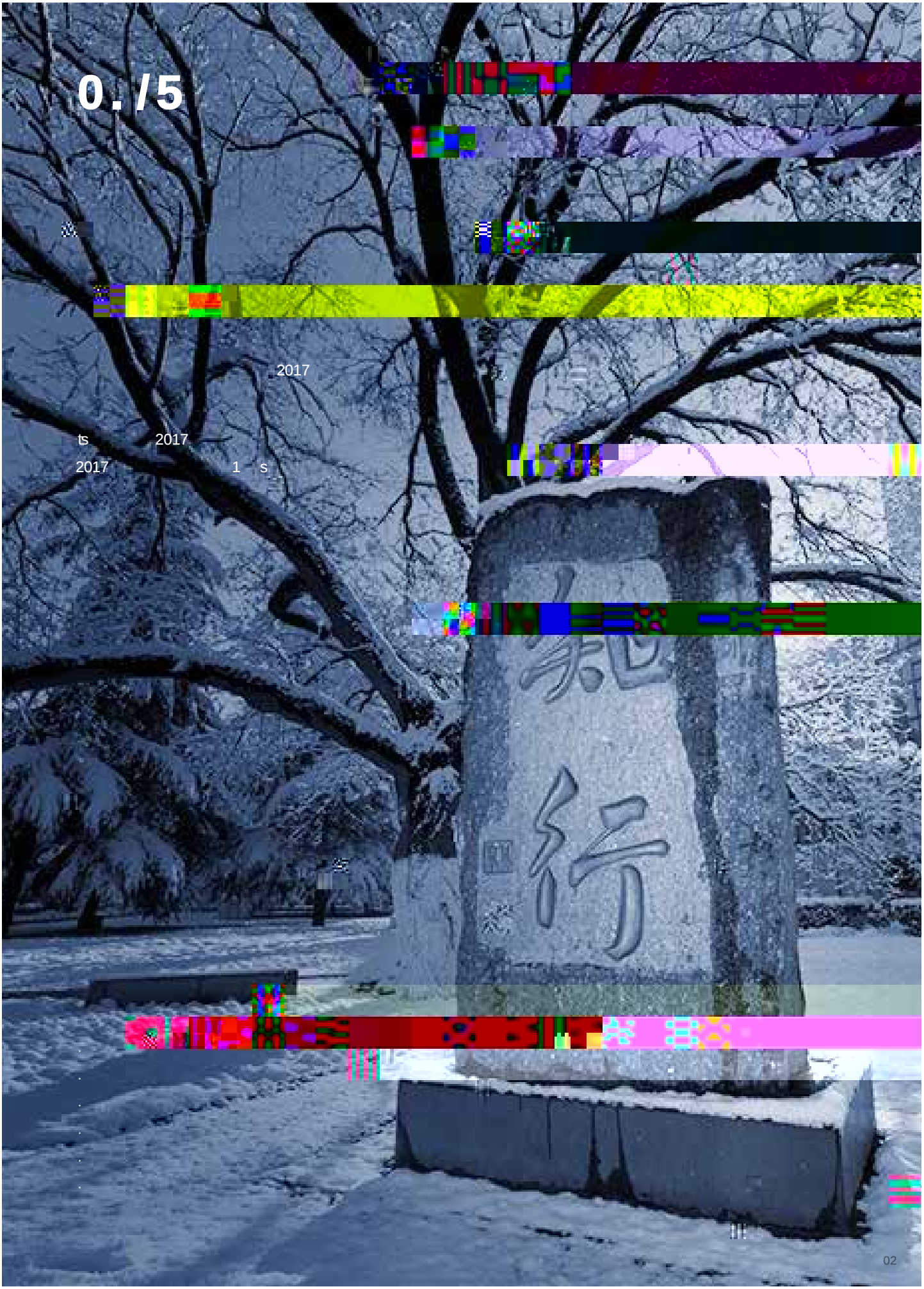
“

” “

” “

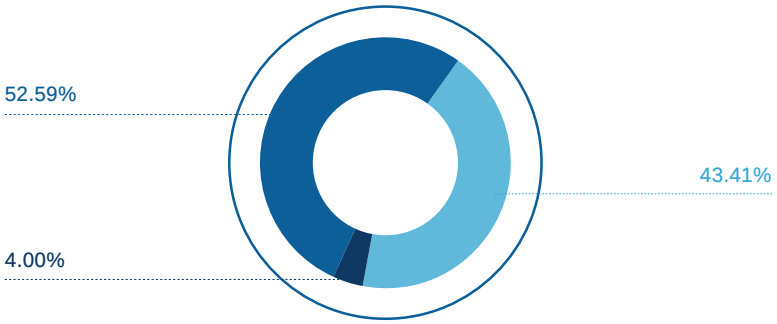
”

98%


0./5
2017
ts
2017
2017
1 s

/,/

2017 6399 256 2778 3365



1.1

/,/,/

1960 58.25% 1405 41.75%



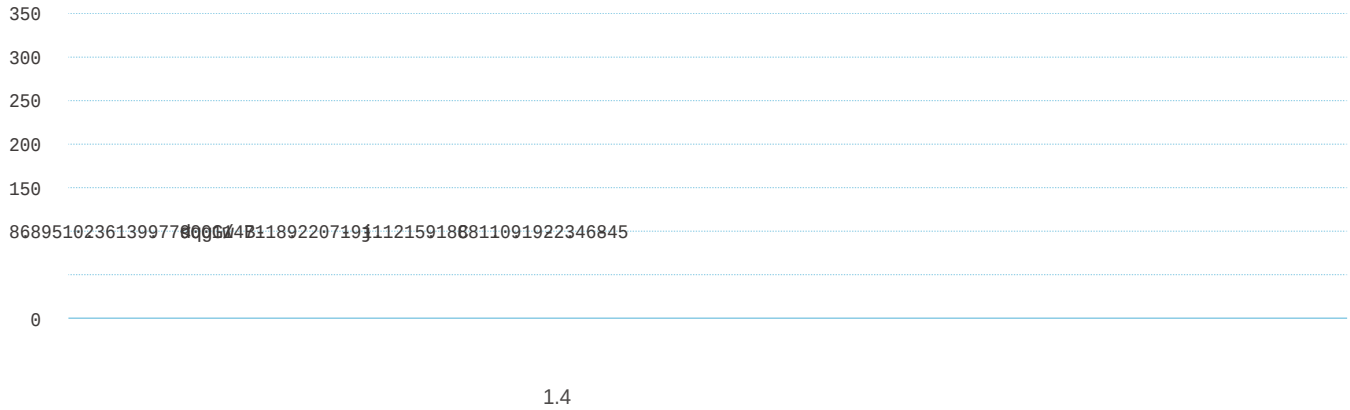
1.2

805 23.92% 2560 76.08%



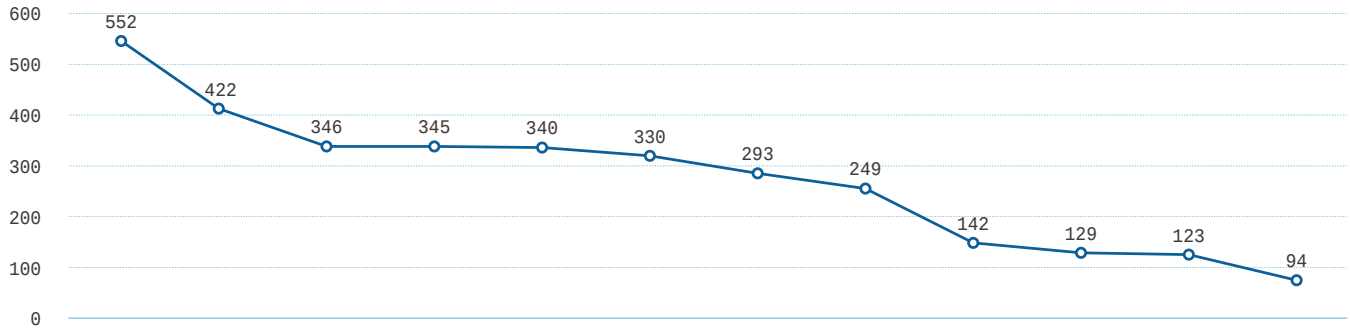
1.3

31 290 207 193



1.4

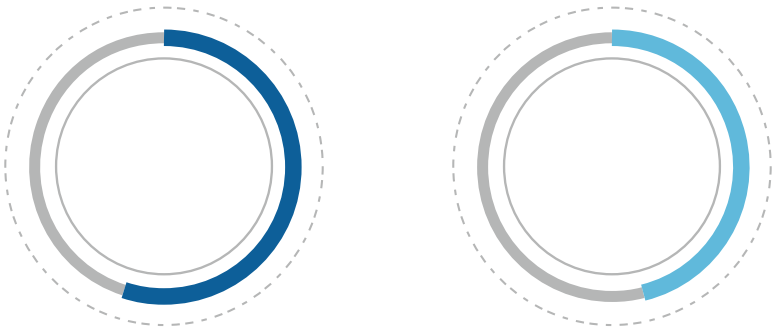
12 3 552 422 346



1.5

/,/,0

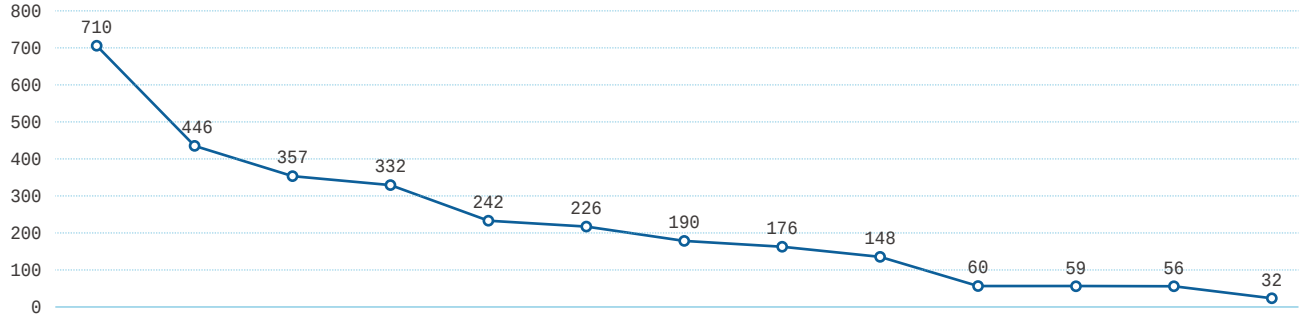
1650 54.38% 1384 45.62%



1.6

13 710 446

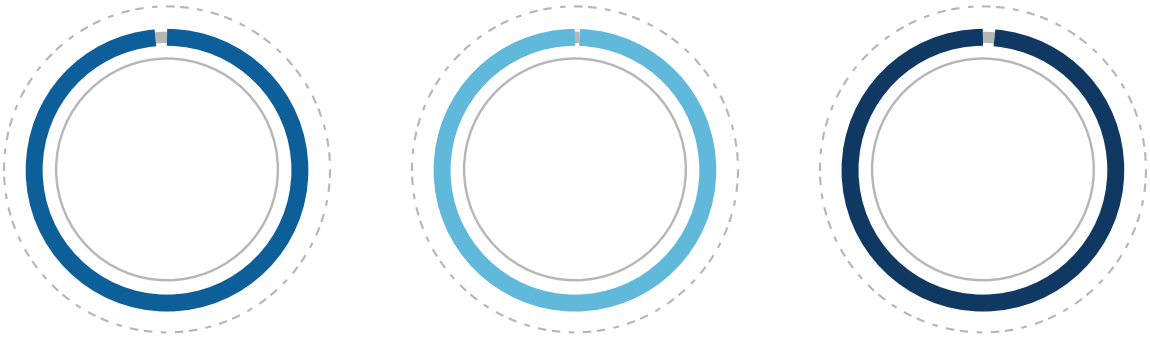
357



1.7

/,0

98.72% 99.46% 98.83%



1.8

/,0,/

1.1 2017

= + / = / =

/ = + + / = + +

= +

/,0,0 !

1.2

		&#'	&#'	&#'	&#'
	69	63.77	15.94	86.96	100.00
	133	60.15	23.31	90.98	100.00
	216	63.43	13.43	84.27	99.07
( )	46	65.22	13.04	82.61	100.00
( )	52	84.62	1.92	88.46	100.00
	36	47.22	22.22	83.33	100.00
	552	63.77	15.58	86.41	99.64

1.3

		&#'	&#'	&#'	&#'
	97	57.73	14.43	79.38	98.97
( )	39	35.90	15.38	56.41	97.44
	37	56.76	8.11	75.68	100.00
	21	42.86	28.57	80.95	100.00
	25	56.00	12.00	76.00	100.00
( )	30	60.00	6.67	66.67	100.00
	249	53.01	13.65	73.49	99.20

1.4

		&#'	&#'	&#'	&#'
	20	40.00	15.00	75.00	100.00
	36	52.78	19.44	86.11	97.22
	32	40.63	21.88	84.39	100.00
	25	40.00	36.00	92.00	92.00
	89	74.16	12.36	89.89	100.00
	91	69.23	6.59	86.81	98.90
( )	7	85.71	0.00	85.71	100.00
	51	74.51	3.92	90.19	98.04
	48	47.92	25.00	79.17	100.00
( )	5	60.00	40.00	100.00	100.00
	18	50.00	22.22	94.44	100.00
	422	61.14	14.93	86.97	98.82

1.5

1.6

1.7 1.8 Ǒ Ź ɪ ɹ ɜ ɪ ʒ 2 /

1.8

1.9

		&#'	&#'	&#'	&#'
	43	65.12	9.30	88.37	97.67
( )	14	78.57	0.00	85.71	100.00
	72	63.89	8.33	84.72	100.00
	6	50.00	0.00	66.67	83.33
( )	46	82.61	6.52	93.48	100.00
( )	10	90.00	10.00	100.00	100.00
	87	59.77	6.90	85.06	98.85
( )	5	100.00	0.00	100.00	100.00
(,)	7	57.14	0.00	85.71	100.00
( )	3	100.00	0.00	100.00	100.00
	293	67.92	6.83	87.37	98.98

1.10

	&#'	&#'	&#'	&#'
50	66.00	8.00	84.00	98.00
25	48.00	8.00	92.00	96.00
48	66.67	10.42	91.67	97.92
123	62.60	8.94	88.62	97.56

1.11

	&#'	&#'	&#'	&#'
142	52.82	4.23	94.37	100.00
142	52.82	4.23	94.37	100.00

1.12

	&#'	&#'	&#'	&#'
24	25.00	4.17	45.84	100.00
54	61.11	9.26	75.93	98.15
24	58.33	0.00	62.50	100.00
27	33.33	0.00	37.03	100.00
129	48.06	4.65	59.69	99.22

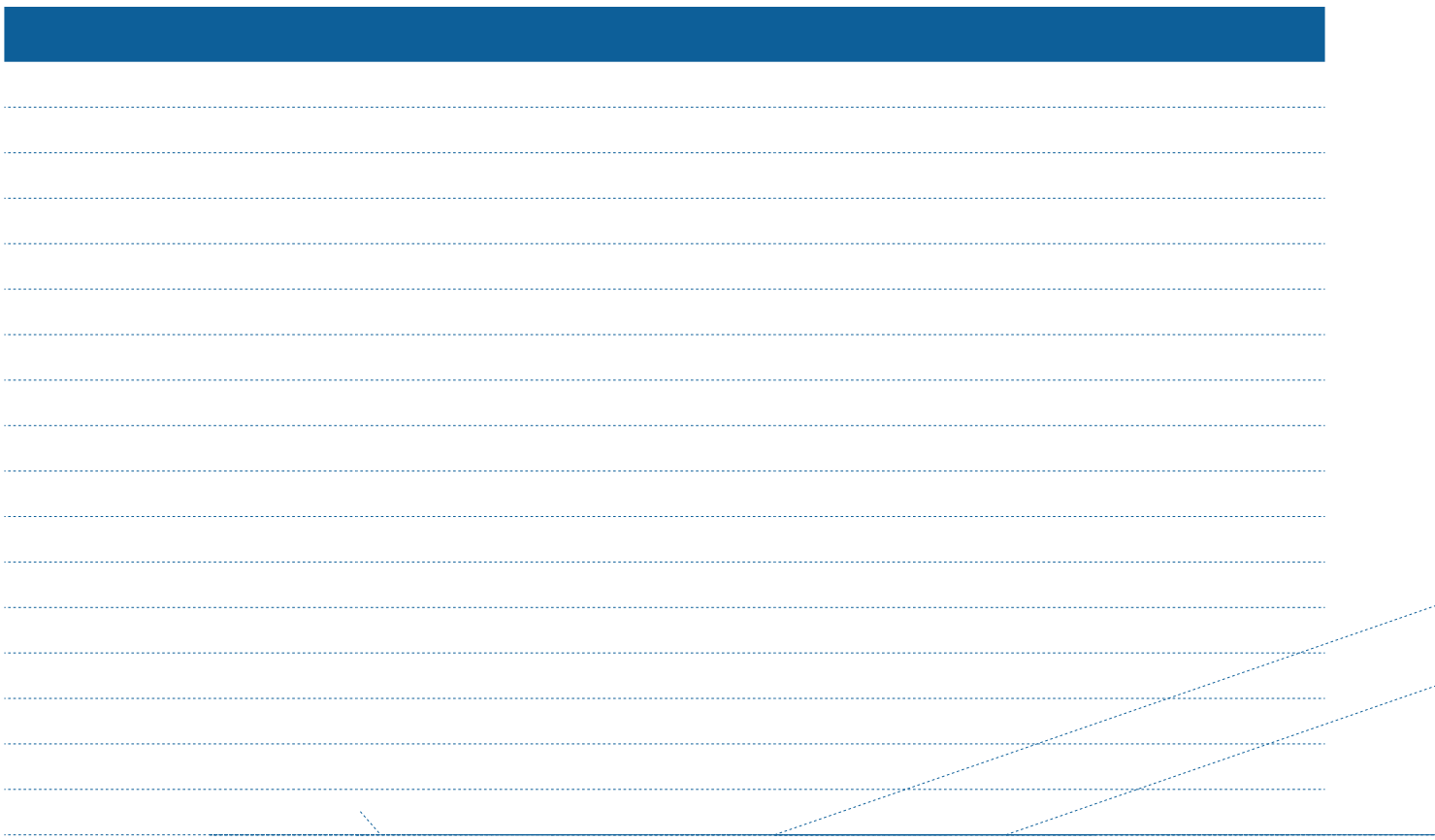
1.13

/,0,1 !

1.14

1.15

1.16



1.17

1.18

	#	#	#	#	#
34	11.76	70.59	8.82	91.18	100.00
8	0.00	75.00	0.00	75.00	100.00
10	10.00	50.00	10.00	70.00	90.00
16	0.00	68.75	18.75	87.50	100.00
71	2.82	74.65	2.82	80.28	100.00
18	5.56	77.78	5.56	88.89	100.00
1	0.00	100.00	0.00	100.00	100.00
13	15.38	61.54	7.69	84.62	92.31
1	0.00	100.00	0.00	100.00	100.00
5	0.00	40.00	40.00	80.00	100.00
141	4.96	74.47	9.22	88.65	99.29
318	5.35	72.33	8.18	85.85	99.06

1.19

	#	#	#	#	#
10	0.00	70.00	30.00	100.00	100.00
14	0.00	50.00	42.86	92.86	92.86
23	4.35	91.30	4.35	100.00	100.00
17	5.88	76.47	17.65	100.00	100.00
17	5.88	64.71	11.76	82.35	100.00
11	0.00	72.73	27.27	100.00	100.00
49	2.04	81.63	10.20	93.88	100.00
10	0.00	90.00	10.00	100.00	100.00
10	10.00	80.00	0.00	90.00	100.00
13	7.69	69.23	23.08	100.00	100.00
11	0.00	72.73	27.27	100.00	100.00
8	0.00	100.00	0.00	100.00	100.00
193	3.11	77.20	15.54	95.85	99.48

1.20

	#	#	#	#	#
171	3.51	84.80	9.36	97.66	100.00
171	3.51	84.80	9.36	97.66	100.00

1.21

	#	#	#	#	#
2	0.00	50.00	50.00	100.00	100.00
2	0.00	50.00	50.00	100.00	100.00
4	0.00	25.00	25.00	50.00	50.00
9	0.00	55.56	22.22	77.78	100.00
51	3.92	60.78	17.65	82.35	98.04
13	7.69	15.38	38.46	61.54	100.00
4	0.00	50.00	50.00	100.00	100.00
3	0.00	33.33	66.67	100.00	100.00
3	33.33	0.00	0.00	33.33	66.67
5	20.00	60.00	20.00	100.00	100.00
11	0.00	36.36	36.36	72.73	100.00
2	50.00	0.00	50.00	100.00	100.00
12	0.00	66.67	25.00	91.67	100.00
4	25.00	50.00	25.00	100.00	100.00
4	25.00	50.00	25.00	100.00	100.00
3	0.00	0.00	100.00	100.00	100.00
14	21.43	42.86	28.57	92.86	92.86
146	7.53	47.26	28.08	82.88	96.58

1.22

	#	#	#	#	#
1	0.00	0.00	100.00	100.00	100.00
21	4.76	57.14	38.10	100.00	100.00
6	16.67	66.67	16.67	100.00	100.00
28	7.14	57.14	35.71	100.00	100.00

1.23

		#	#	#	#	#
	20	0.00	45.00	25.00	70.00	100.00
	12	0.00	83.33	16.67	100.00	100.00
	28	0.00	50.00	25.00	75.00	100.00
	60	0.00	55.00	23.33	78.33	100.00

1.24

		#	#	#	#	#
	148	2.03	53.38	43.92	99.33	100.00
	148	2.03	53.38	43.92	99.33	100.00

1.25

		#	#	#	#	#
	7	14.29	71.43	0.00	85.72	100.00
	4	0.00	50.00	0.00	50.00	100.00
	28	0.00	60.71	3.57	64.28	100.00
	17	0.00	47.06	11.76	58.82	100.00
	3	0.00	0.00	33.33	33.33	100.00
	59	1.69	54.24	6.78	62.71	100.00

1.26

		#	#	#	#	#
( )	20	5.00	55.00	25.00	85.00	100.00
( )	17	0.00	47.06	23.53	70.59	100.00
	18	0.00	38.89	33.33	72.22	100.00
	1	0.00	100.00	0.00	100.00	100.00
	56	1.79	48.21	26.79	76.79	100.00

/,0,2

1.27

			#	#	#	#
		3	0.00	66.67	66.67	100.00
		12	16.67	75.00	91.67	100.00
		1	0.00	100.00	100.00	100.00
		23	26.09	60.87	100.00	100.00
		7	28.57	42.86	100.00	100.00
		4	25.00	75.00	100.00	100.00
		3	0.00	100.00	100.00	100.00
		5	20.00	40.00	100.00	100.00
		3	33.33	66.67	100.00	100.00
		3	33.33	33.33	100.00	100.00
		8	12.50	87.50	100.00	100.00
		5	20.00	60.00	100.00	100.00
		2	50.00	50.00	100.00	100.00
		2	50.00	50.00	100.00	100.00
		5	20.00	40.00	100.00	100.00
		4	25.00	75.00	100.00	100.00
		1	100.00	0.00	100.00	100.00
		31	48.39	35.48	87.10	96.77
		1	0.00	100.00	100.00	100.00
		1	100.00	0.00	100.00	100.00
		3	33.33	66.67	100.00	100.00
		2	50.00	50.00	100.00	100.00
		2	0.00	0.00	0.00	100.00
		7	0.00	100.00	100.00	100.00
		1	100.00	0.00	100.00	100.00
		1	0.00	100.00	0.00	100.00
		6	66.67	16.67	83.33	100.00
		11	36.36	63.64	100.00	100.00
		4	50.00	50.00	100.00	100.00
		5	20.00	80.00	100.00	100.00
		4	25.00	75.00	100.00	100.00

			#	#	#	#
		3	33.33	66.67	100.00	100.00
		1	0.00	100.00	100.00	100.00
		3	66.67	33.33	100.00	100.00
		5	60.00	40.00	100.00	100.00
		1	0.00	100.00	100.00	100.00
		20	35.00	60.00	95.00	100.00
		17	11.76	88.24	100.00	100.00
		2	0.00	100.00	100.00	100.00
		1	0.00	100.00	100.00	100.00
		9	0.00	66.67	100.00	100.00
		10	0.00	70.00	70.00	90.00
		3	33.33	33.33	66.67	100.00
		2	0.00	100.00	100.00	100.00
		1	0.00	100.00	100.00	100.00
		4	25.00	50.00	75.00	75.00
		3	0.00	100.00	100.00	100.00
		1	0.00	100.00	100.00	100.00
		256	26.95	60.94	94.14	98.83

/ ,1

/ ,1, /

1.28

	376	20	88	30	226	142	107	989
(%)	38.02	2.02	8.90	3.03	22.85	14.36	10.82	100.00

315

1.9

1.29

2017	415	41.96%	366

/,1,1

1.31

25	438	44.29%

/,1,2 **3..**

1.32 500

/ ,1,3

/,1,5

(GB/T 4754-2011)

1.34

		&#'
	248	25.08
	146	14.76
	116	11.73
	99	10.01
	64	6.47
	54	5.46
	47	4.75
	48	4.85
	40	4.04
	36	3.64
	33	3.34
	16	1.62
	15	1.52
	11	1.11
	7	0.71
	4	0.40
	3	0.30
	2	0.20
	989	100.00

/,1,6

1.35

			&#'		&#'	&#'
	3365	1321	39.26	523	15.54	98.72
	1960	705	35.97	236	12.04	98.67
	1405	616	43.84	287	20.43	98.79
	805	368	45.71	12	1.49	98.51
	453	112	24.72	64	14.13	96.47

1.12

1.37

	1793	420	348
(%)	68.30	16.00	13.26

2017 1793 68.30% 420
16% 348 13.26%

/,2,0

57.10%

1.38

	1499	558	163	154	166	75	1	8	1	2625
%	57.10	21.26	6.21	5.87	6.32	2.86	0.04	0.30	0.04	100. 00

/,2,1

1.39

1	160
2	94
3	78
4	64
5	61
6	47
7	45
8	44
9	40
10	40
11	36
12 Ã	40

25 1053 40.11%

/,2,2 3..

1.40 500

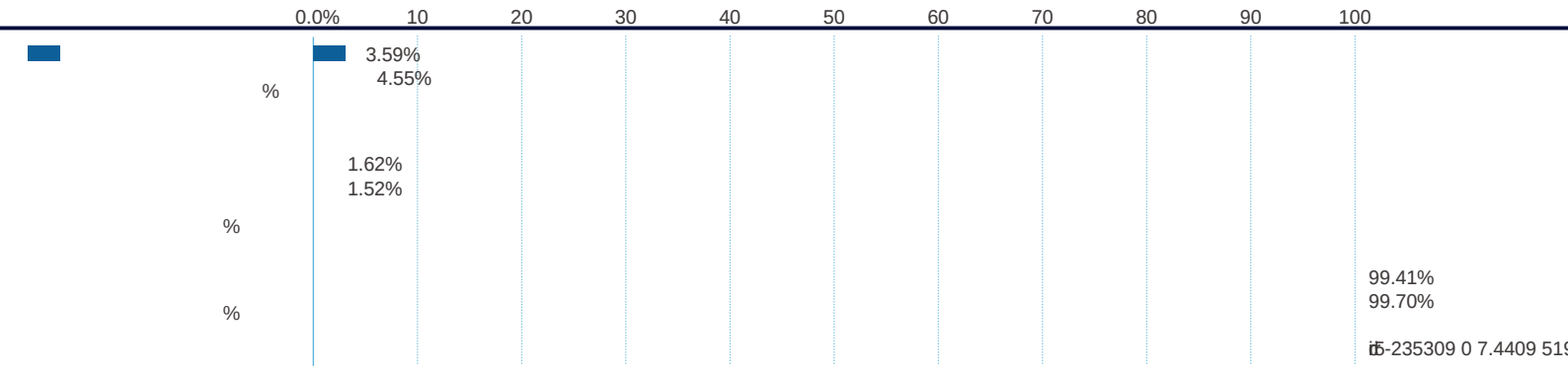
/,2,3

(GB/T 4754-2011)

1.42

/,2,4

1.43



/,3,0

121

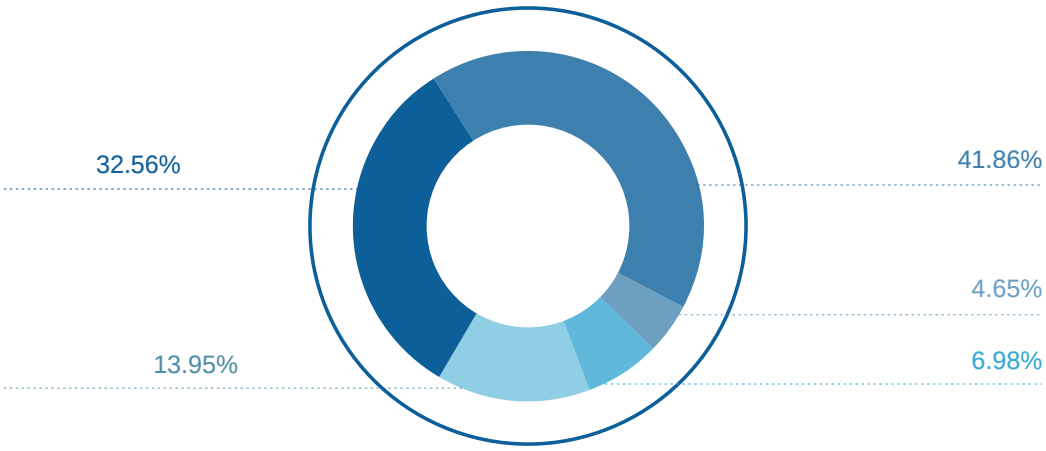
2017 839 350 35.39% 489

18.62%

/,4

2017 10 31 2017 61 43 18

23 53.49% 20



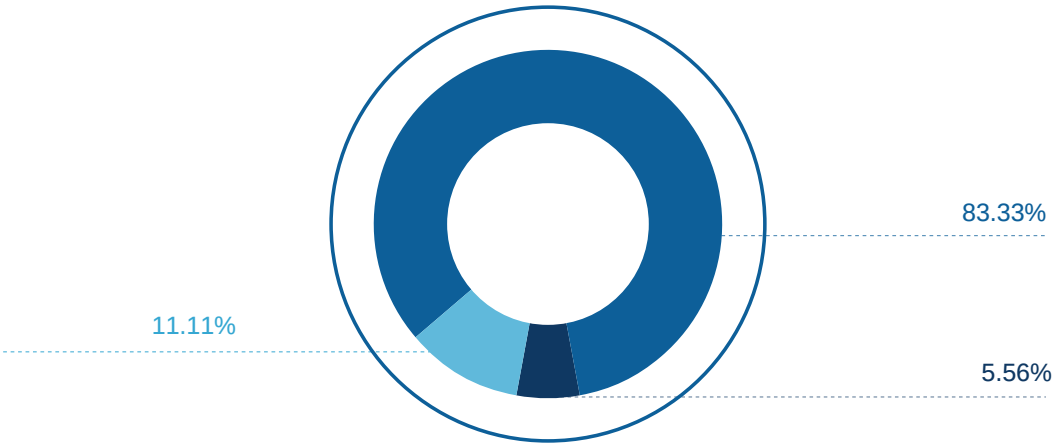
1.15

/ ,4,0

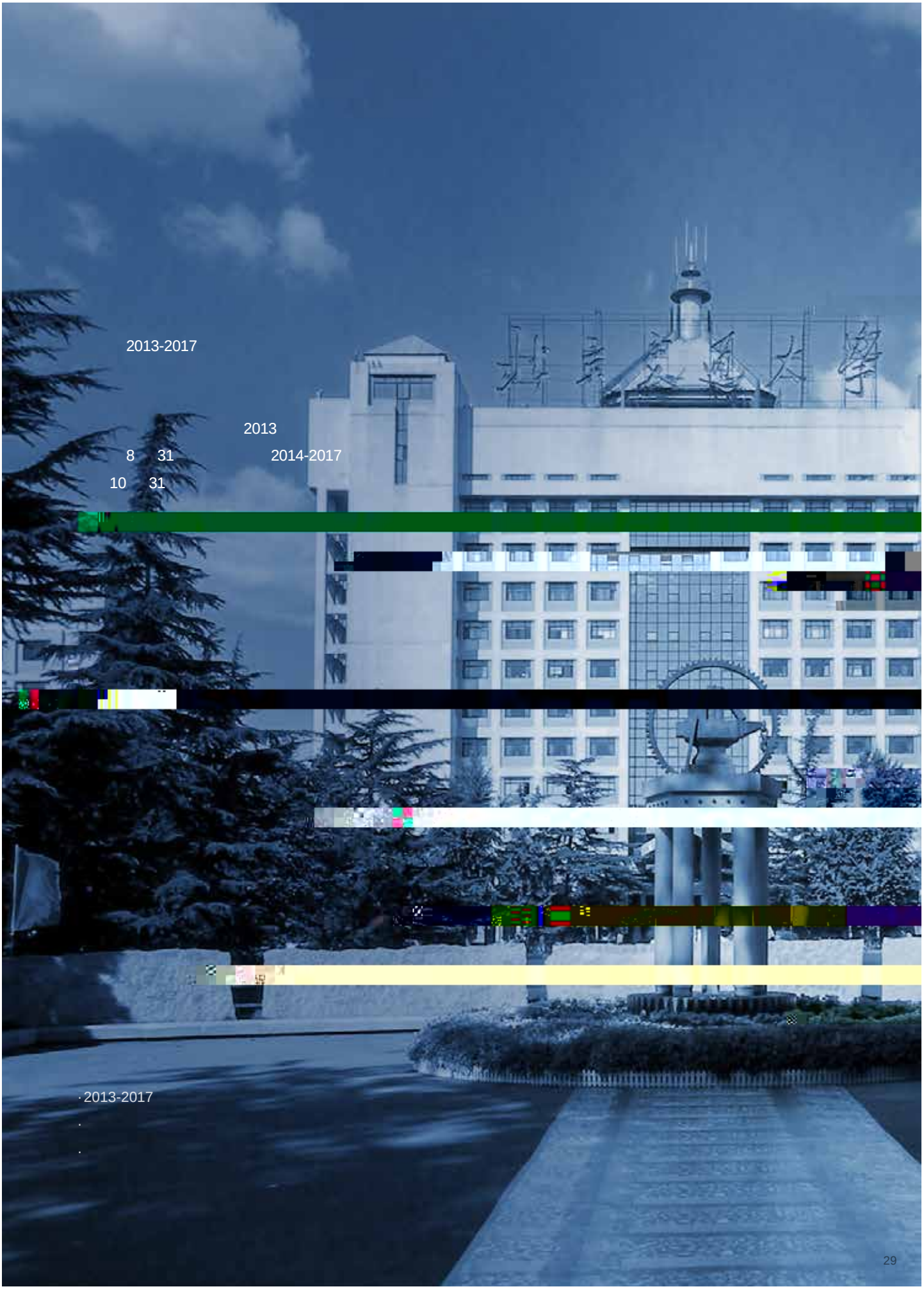
2017 18 17 94.44% 1 5.56%

1.46

	2	15	1	18
%	11.11	83.33	5.56	100.00



1.16



2013-2017

2013

8 31 2014-2017

10 31

· 2013-2017

.

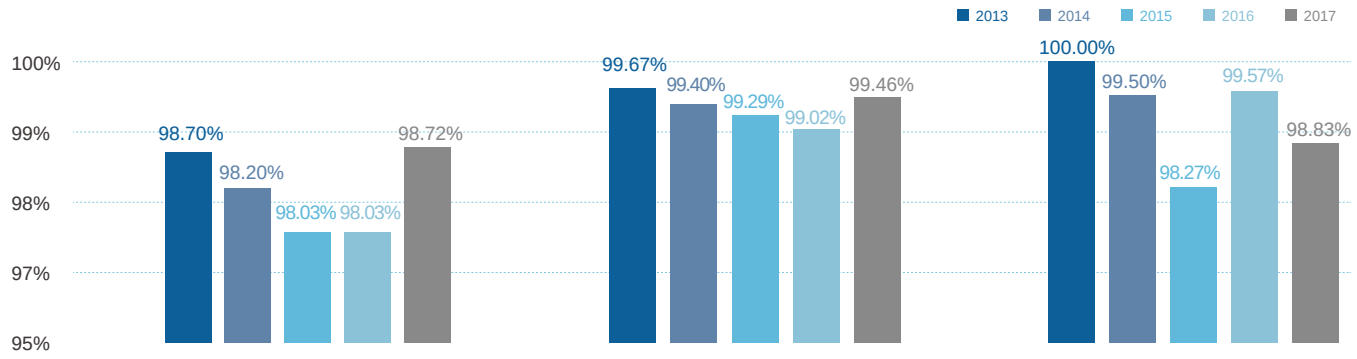
.

0,/ 0 . /1+0 . /5

98% 99%

2.1 2013-2017

		&#'		&#'		
2013	3194	98.70	1499	99.67	133	100.00
2014	3401	98.20	2680	99.40	202	99.50
2015	3357	98.03	2663	99.29	173	98.27
2016	3241	98.03	2758	99.02	233	99.57
2017	3365	98.72	2778	99.46	256	98.83



2.1 2013-2017

0,0

0,0,/ 0 . /1+0 . /5

2013

98%

2013 52.44% 2017 54.80%

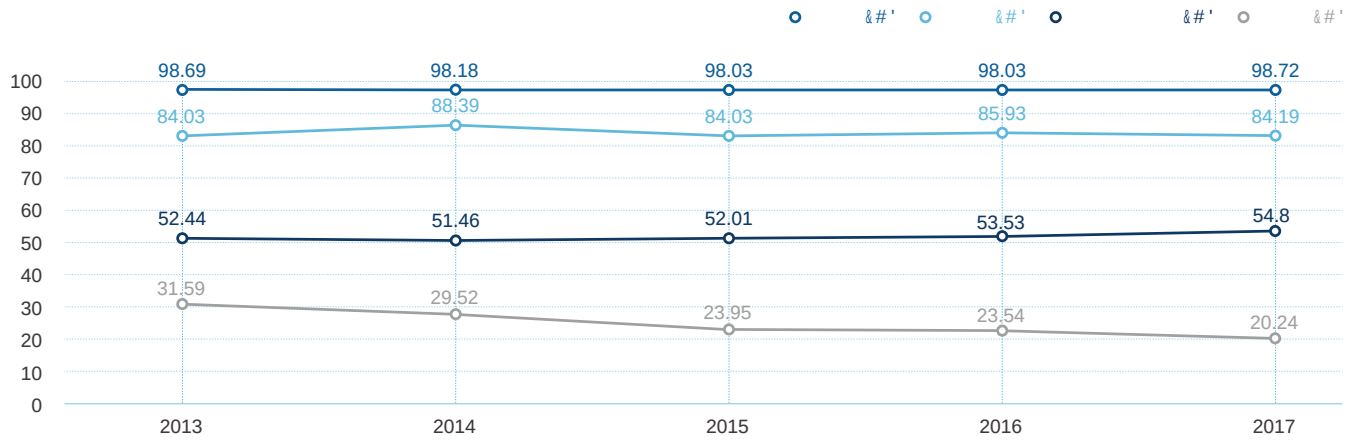
2013 31.59% 2017 20.23%

2013 + 2014-2017 + + 2013 8 31

2014-2017 10 31

2.2 2013-2017

		&#'	&#'	&#'	&#'	&#'
2013	3194	98.69	84.03	31.59	52.44	14.65
2014	3401	98.18	88.39	29.52	51.46	9.79
2015	3357	98.03	84.03	23.95	52.01	13.85
2016	3241	98.03	85.93	23.54	53.53	12.10
2017	3365	98.72	84.19	20.24	54.80	14.53



2.2 2013-2017

0,0,0 0 . / 1+0 . / 5

2.3 2013-2017

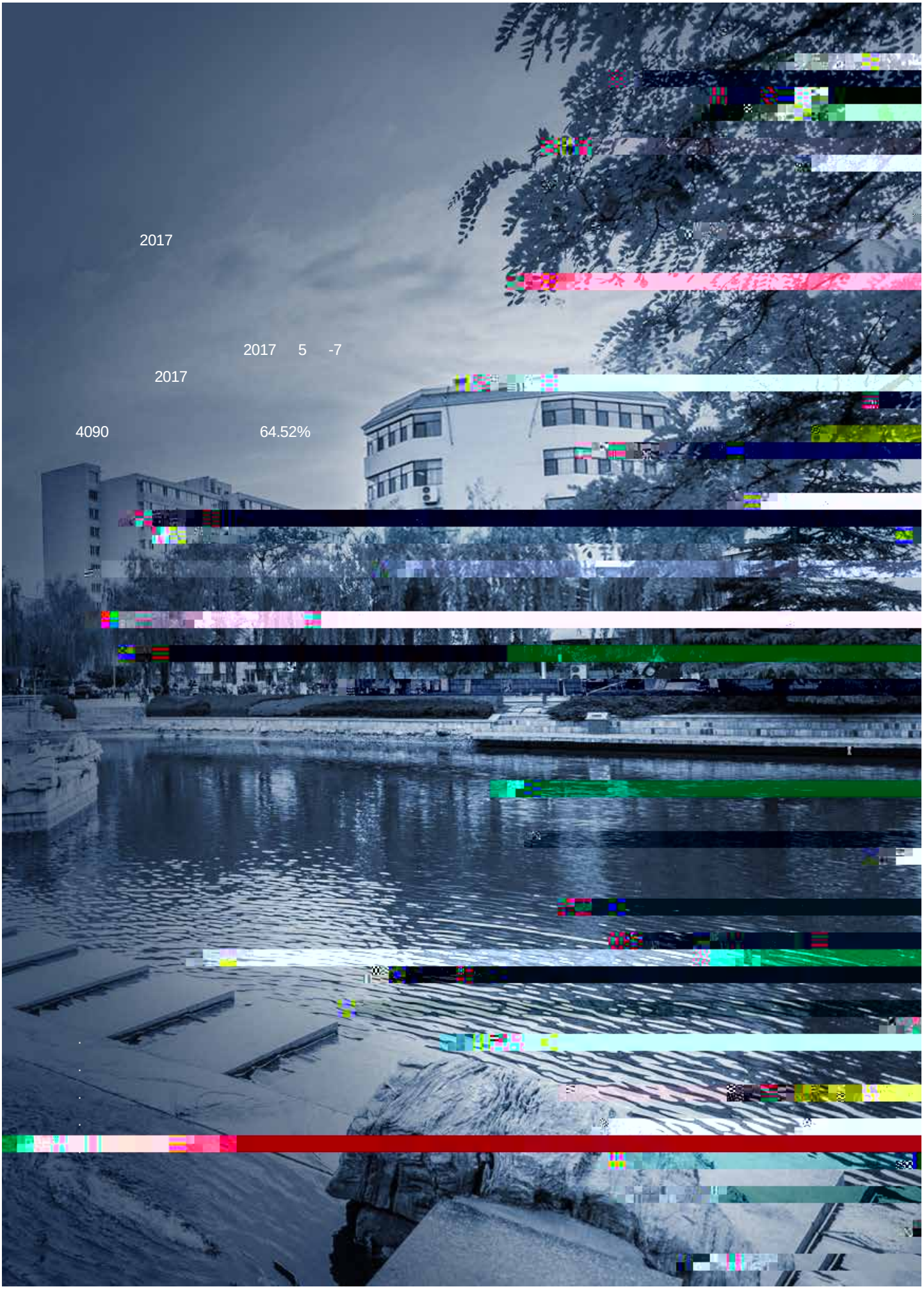
			&#'		&#'		&#'		&#'
2013	3194	635	19.88	620	19.41	419	13.12	1674	52.41
2014	3401	664	19.52	591	17.38	495	14.55	1750	51.46
2015	3357	674	20.08	591	17.61	481	14.33	1746	52.01
2016	3241	688	21.23	582	17.96	465	14.35	1735	53.53
2017	3365	698	20.74	623	18.51	523	15.54	1844	54.80

0,0,1 0 .

2016 2017



0,1,0 0 . / 1+0 . / 5


2017
2017 5 -7
2017
4090
64.52%

1, /

1, / , /

3.1

96.60%

1, / ,0

3.2

97.66%

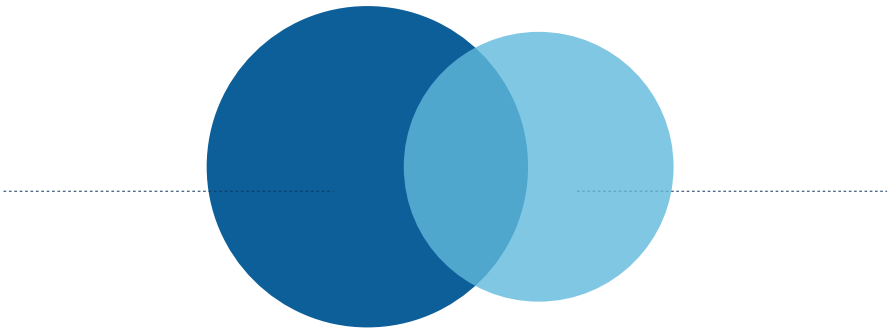
1,0

1,0, /

3.3

8.88

1,0,0

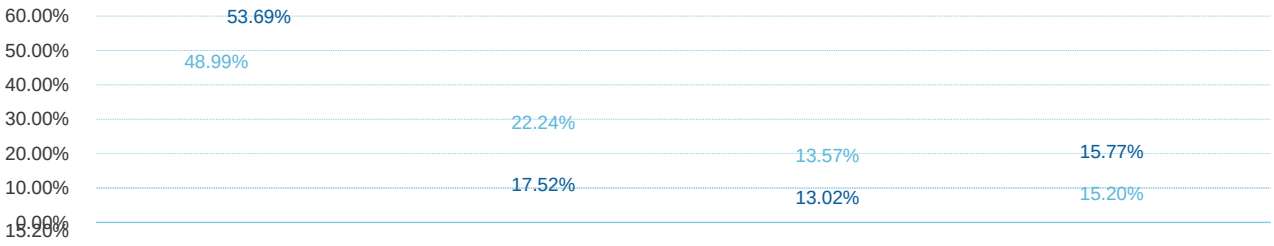


3.4

12.22 3.34

1,1

1,1, /

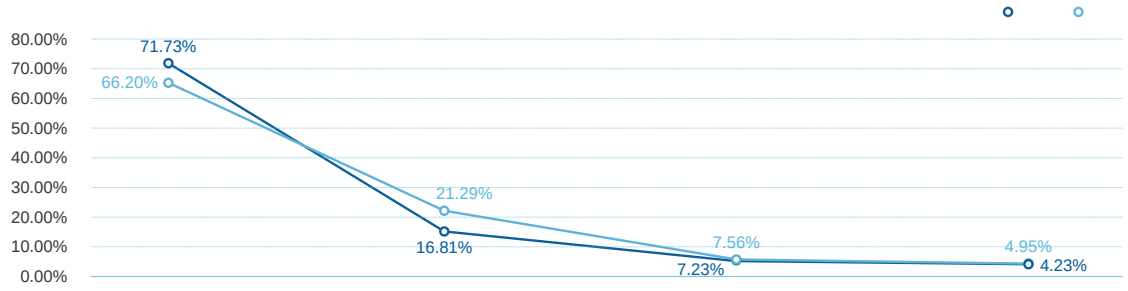


3.5

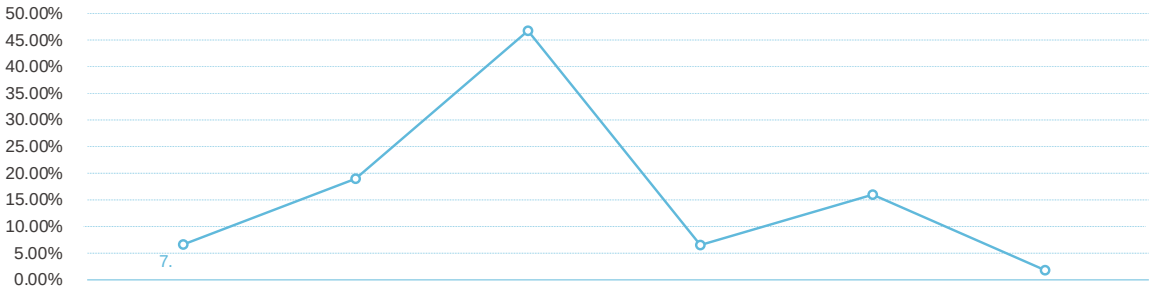
3.6

/

1,1,0



3.7



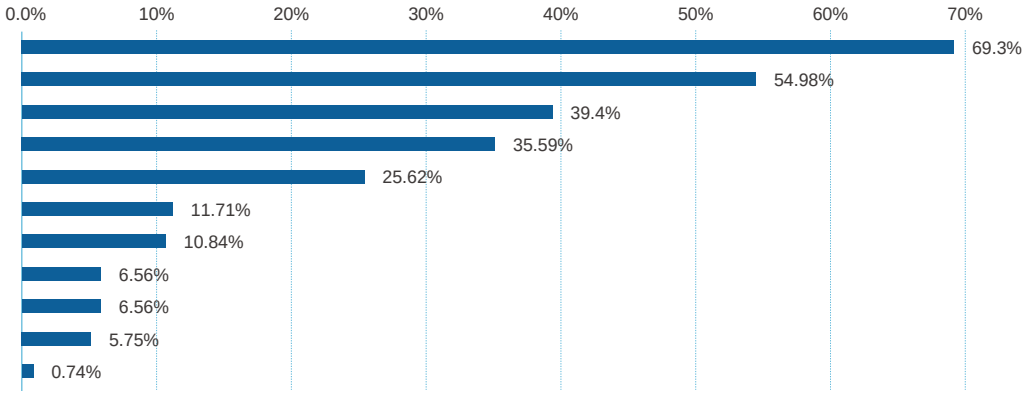
3.8

1,1,1

3.9

74.74%

1,1,2

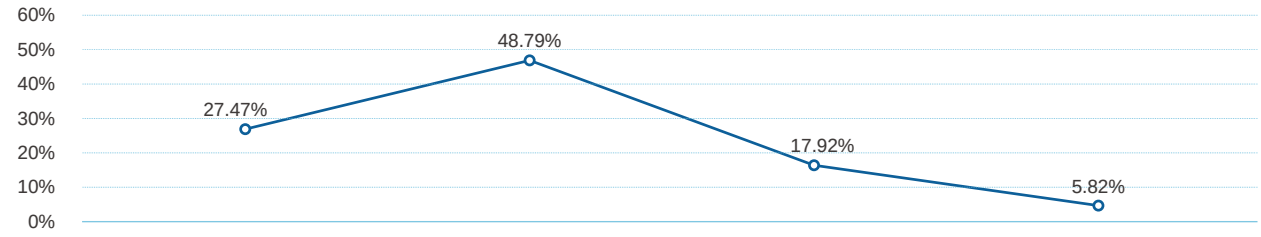


3.10

70.76%

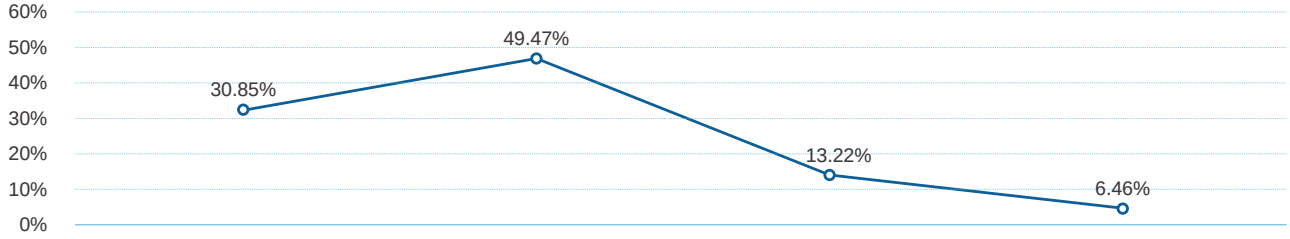
1,2

1,2, /



3.11

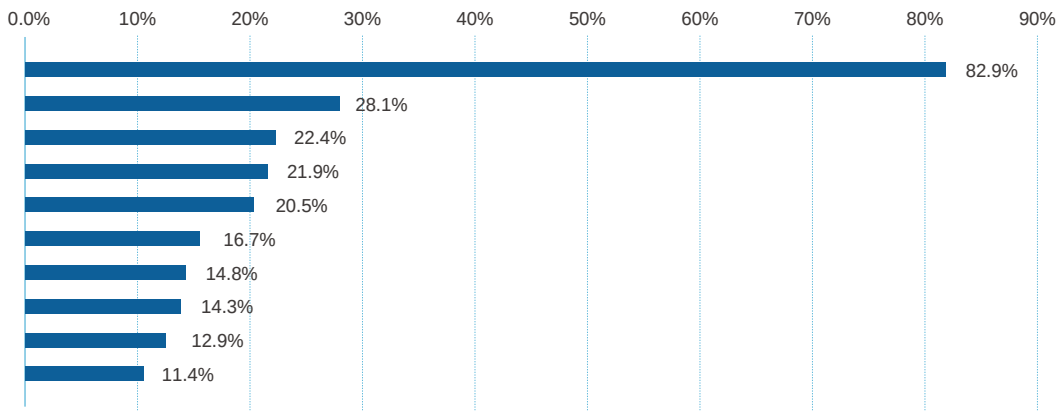
94.18%



3.12

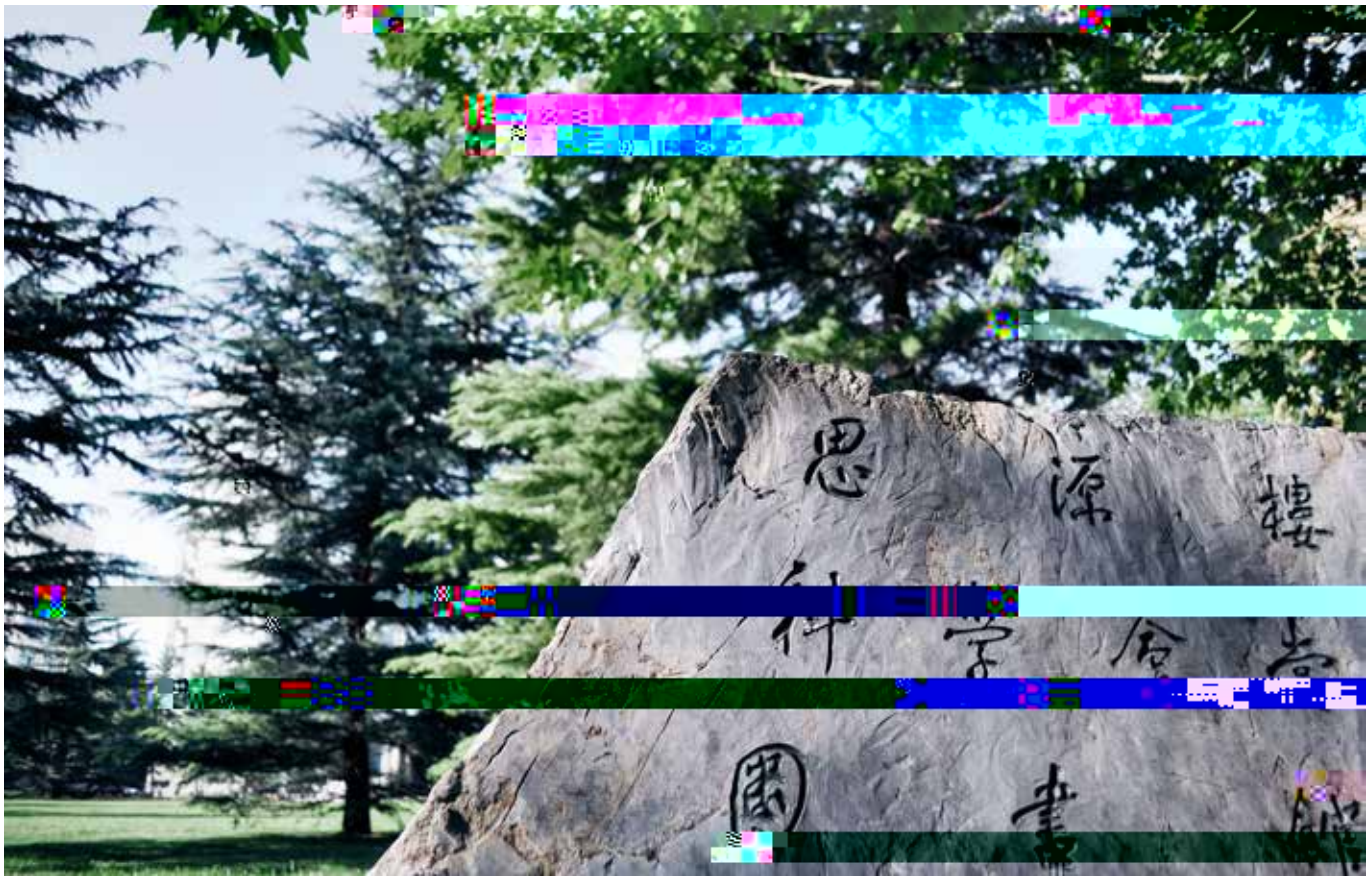
93.54%

1,3,0



82.9%

28.1% 22.4%



“

” “

”

3, /

2017 2

3 3

506 2016 68

477 26 3 1648

2016 521 6150

3,0

2017

KAB

20 30

2016 KAB

+ 11

50

3 3 3

2017 102

2017

3,2

2017

2017

;

2017

2017

2013-2017