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#Z" #)		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

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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
<b>\$ž</b>		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
<b>%ž</b>		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

121

98%

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2017

2017

2017

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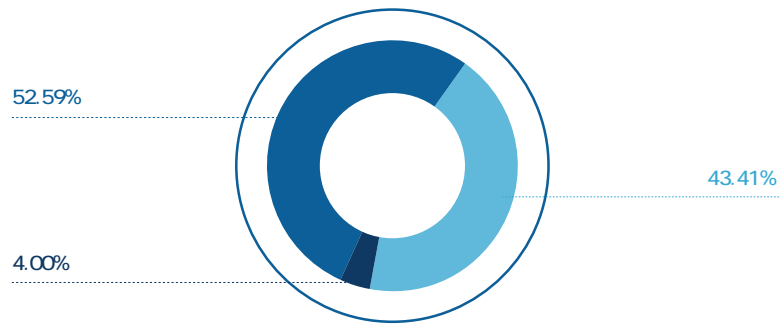
2017

6399

256

2778

3365



1.1

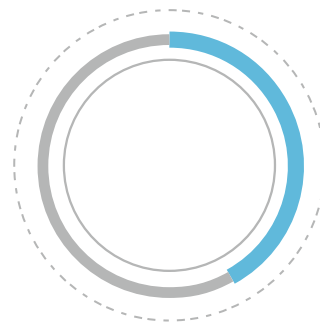
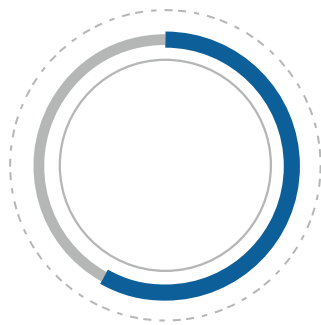
##

1960

58.25%

1405

41.75%



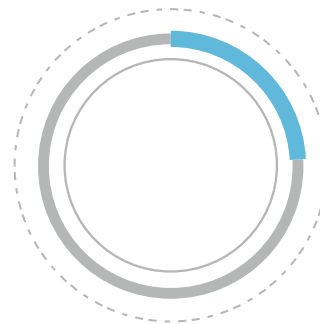
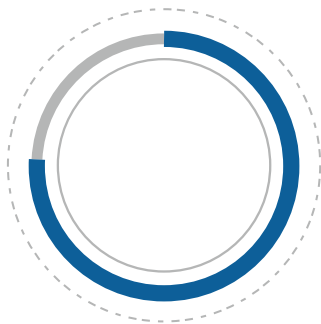
1.2

805

23.92%

2560

76.08%



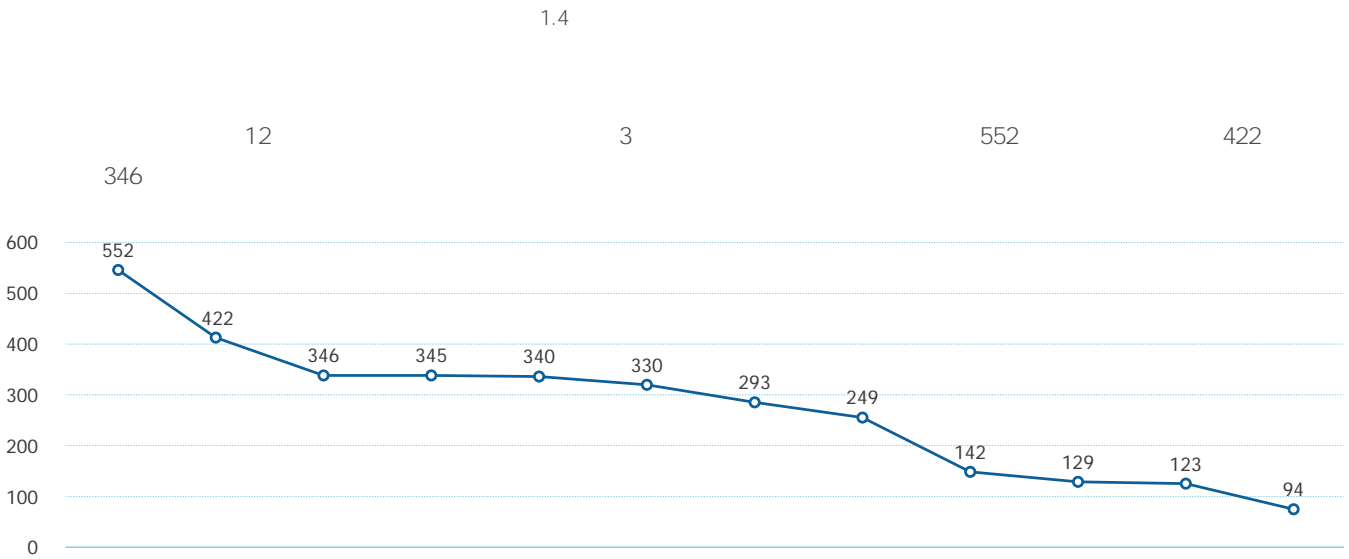
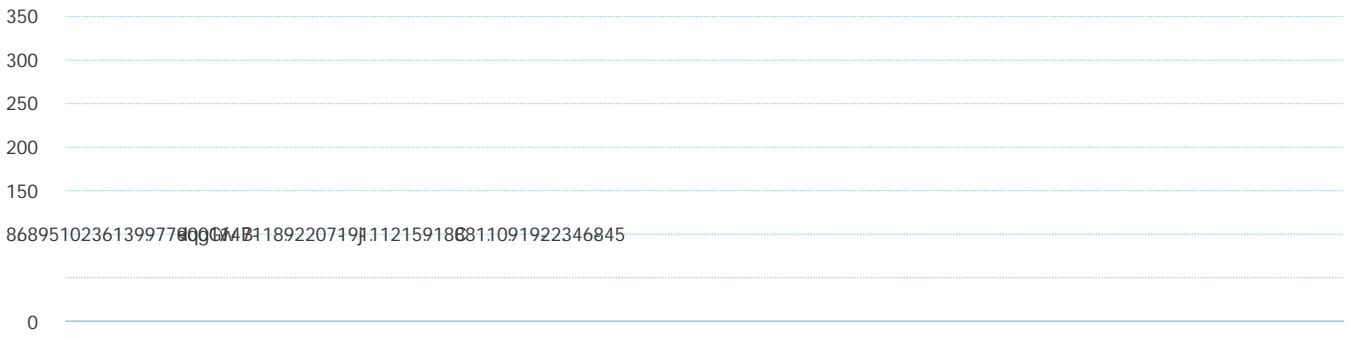
1.3

31

290

207

193



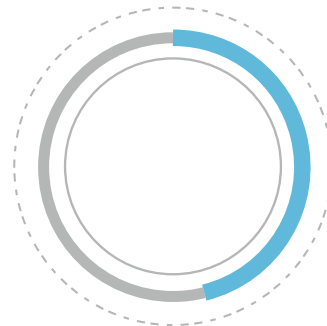
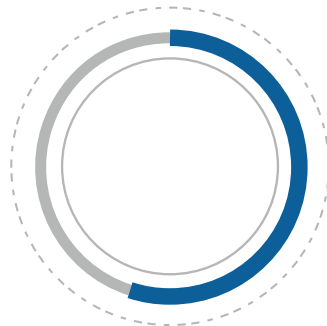
#Z#Z\$

1650

54.38%

1384

45.62%



1.6



#Z\$

1.2

		fi	fi	fi	fi
	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

		fi	fi	fi	fi
	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

		fi	fi	fi	fi
	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

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1.5



1.6

1.7

1.8

2 /

1.8

1.9

		∠ fi	∠ fi	∠ fi	∠ fi
	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

		∠ fi	∠ fi	∠ fi	∠ fi
	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

		∠ fi	∠ fi	∠ fi	∠ fi
	142	52.82	4.23	94.37	100.00
	142	52.82	4.23	94.37	100.00

1.12

		∠ fi	∠ fi	∠ fi	∠ fi
	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

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1.13

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#Z%

1.14

1.15

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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

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

#Z%

#Z/#

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

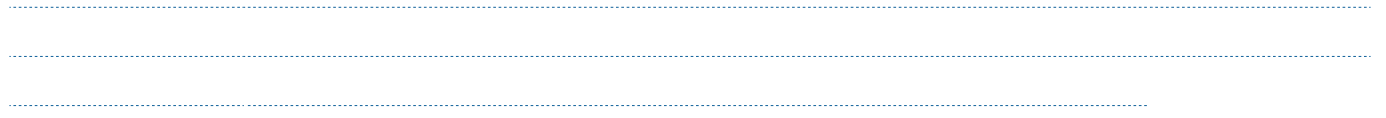


	1.9		
	1.29		
2017	415	41.96%	366

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#Z/E%

1.31



25

438

44.29%

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#Z/5&

1 0 0

1.32

500

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#2/2

#2/2)

(GB/T 4754-2011)

1.34

		/ fi	
	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

#2/2\*

1.35

		/ fi		/ fi		/ fi	
						98.72	3365
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	15.13		96.47	

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1.12

1.37

	1793	420	348
(%)	68.30	16.00	13.26

2017 1793 68.30% 420  
16% 348 13.26%

#Z&Z\$

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

#Z&Z%

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	40



25

1053

40.11%

#Z&Z&

''''

1.40

500



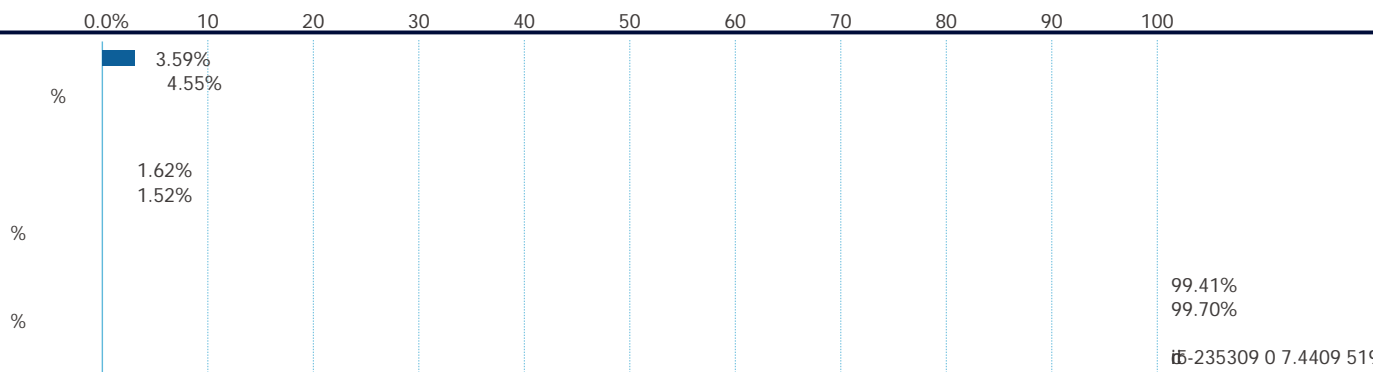
#7&7

(GB/T 4754-2011)

1.42

#7&7(

1.43



tb-235309 0 7.4409 51



#Z Z\$

121

2017

18.62%

839

350

35.39%

489

#Z(

2017

10

31

2017

61

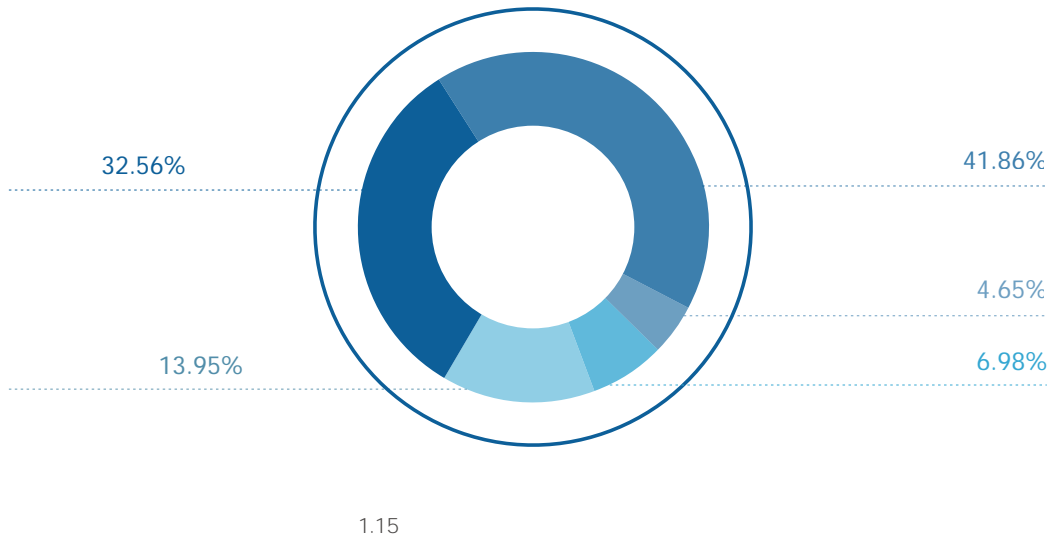
43

18

23

53.49%

20



#Z\$

2017

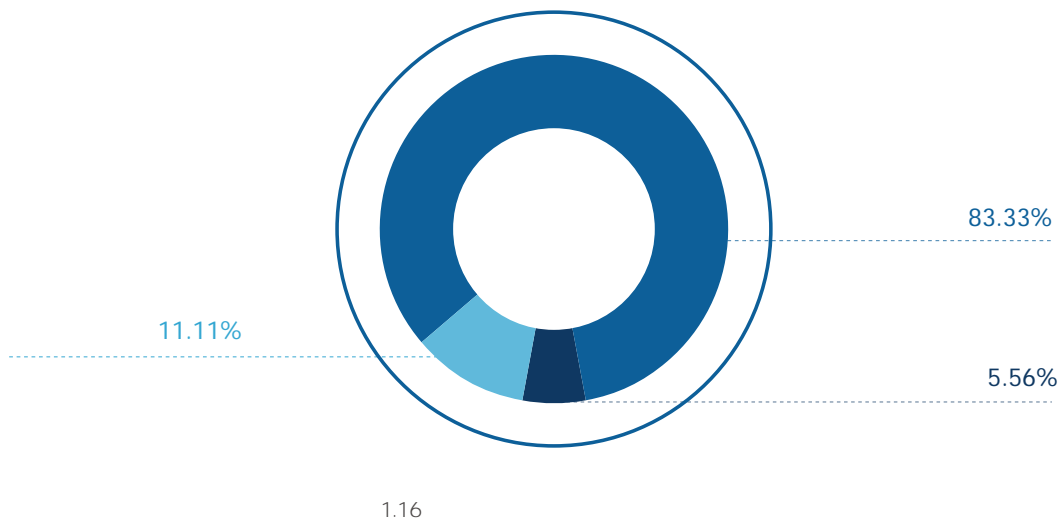
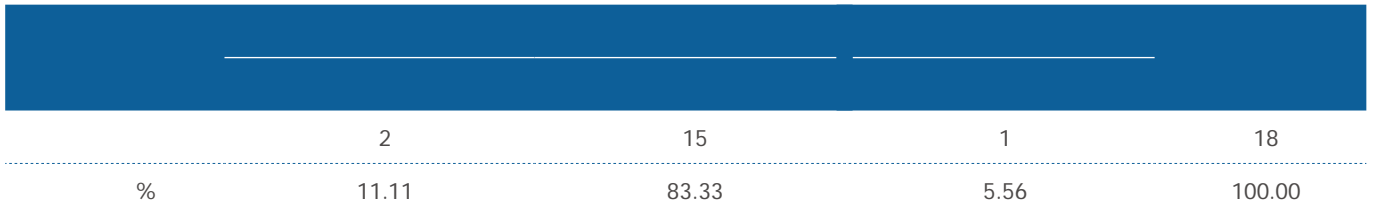
18  
5.56%

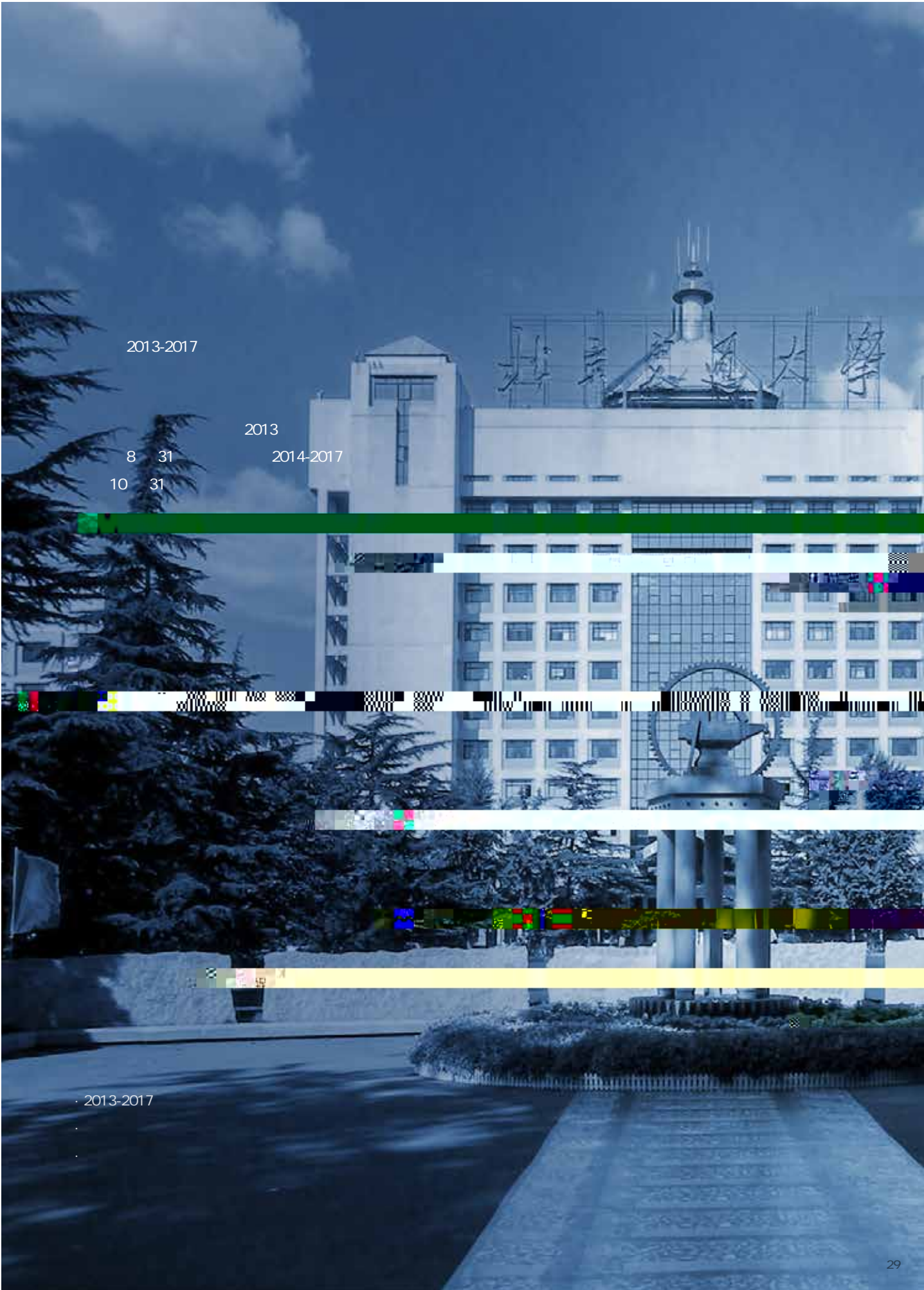
17

94.44%

1

1.46





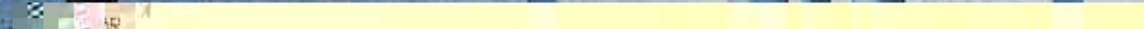
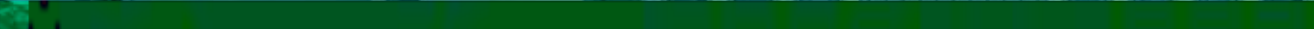
2013-2017

2013

8 31

2014-2017

10 31



· 2013-2017

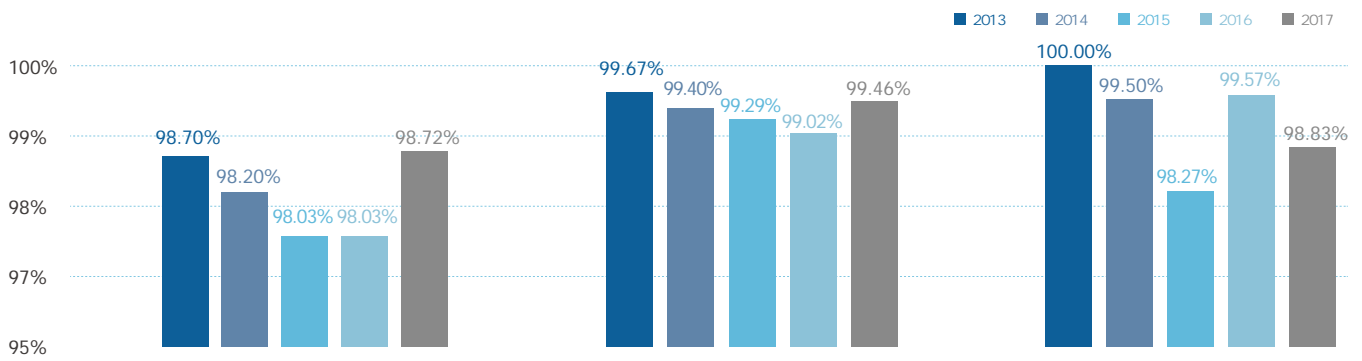
\$# \$" #%"\$" #)

98%

99%

2.1 2013-2017

		fi		fi		
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

\$Z\$

\$Z\$# \$" #%"\$" #)

2013

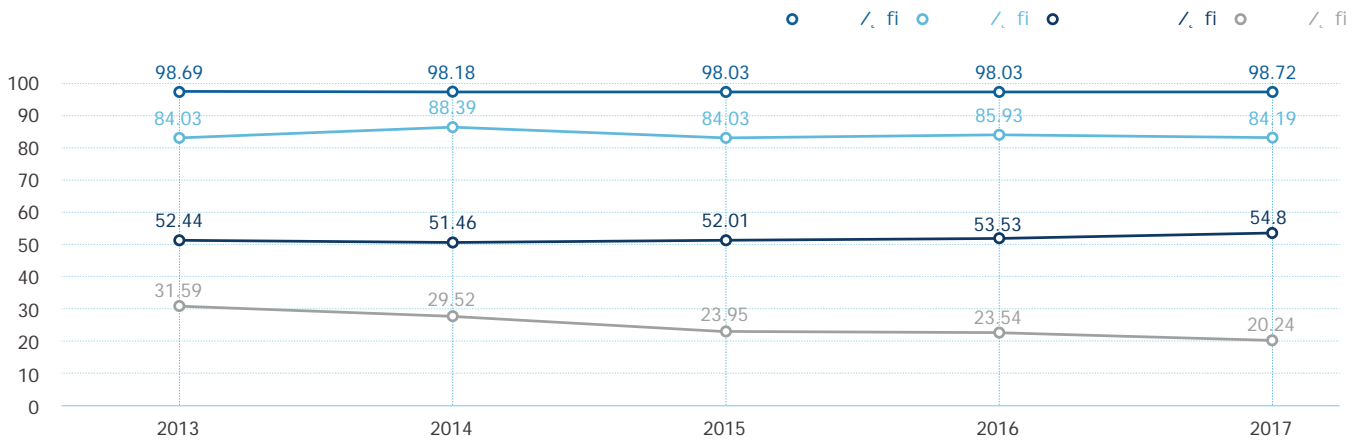
98%

2013 31.59% 2013 52.44% 2017 54.80%  
 2017 20.23%

2013 + 2014-2017 + + 2013 8 31  
 2014-2017 10 31

2.2 2013-2017

		∠ fi	∠ fi	∠ fi	∠ fi	∠ fi
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

\$\$\$ \$" #%&' #)

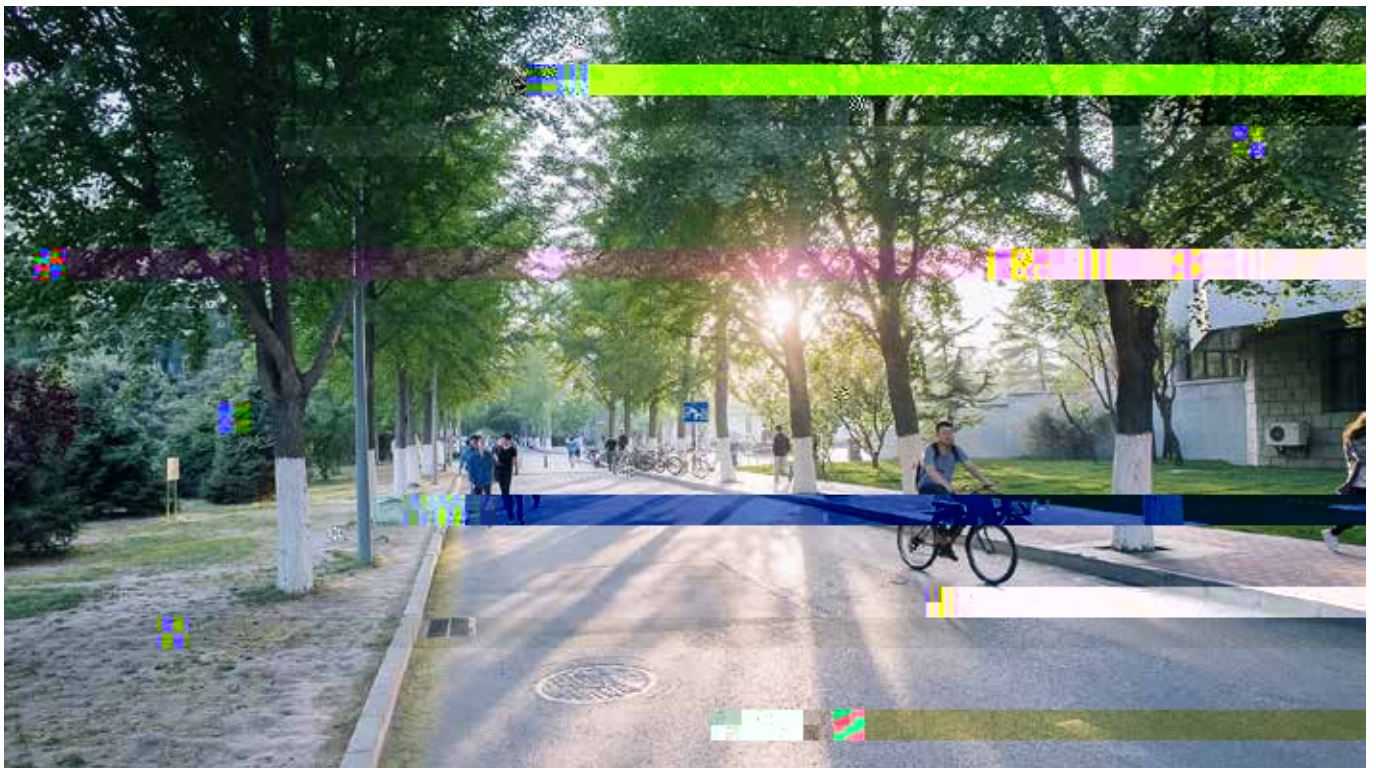
2.3 2013-2017

			∠ fi	∠ fi	∠ fi	∠ fi	∠ fi	∠ fi	
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

\$Z%\$ "#/\$" #)

2.4 2013-2017

2016 2017



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\$Z/\$ \$" #/\$" #)

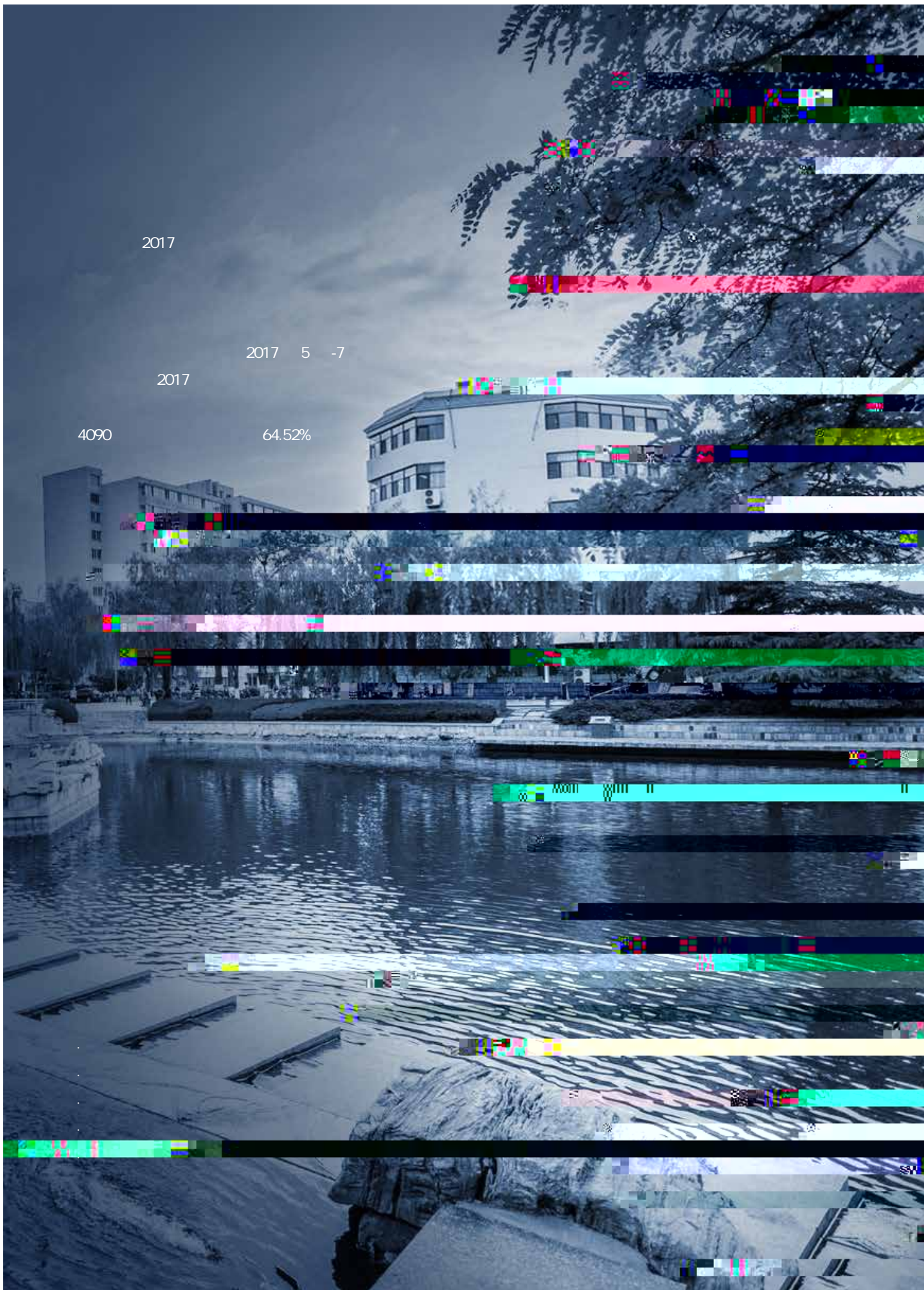
2017

2017 5 -7

2017

4090

64.52%



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%#

%#z#

3.1

96.60%

%#z\$

3.2

97.66%

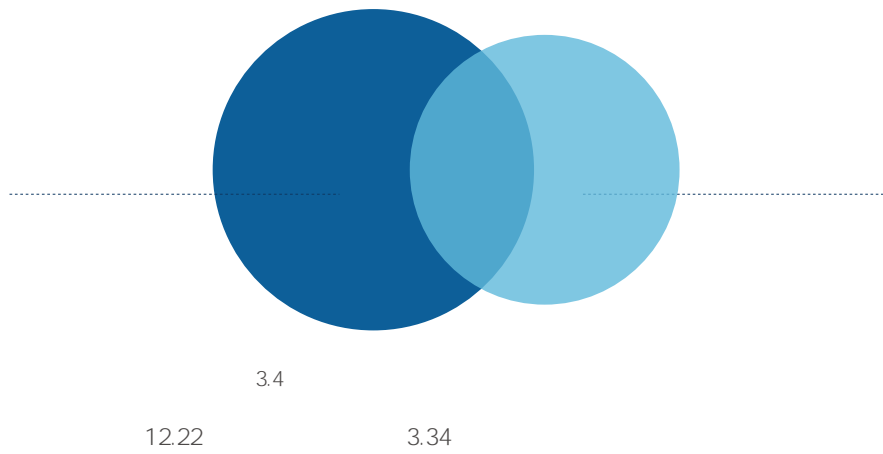
%z\$

%z\$z#

3.3

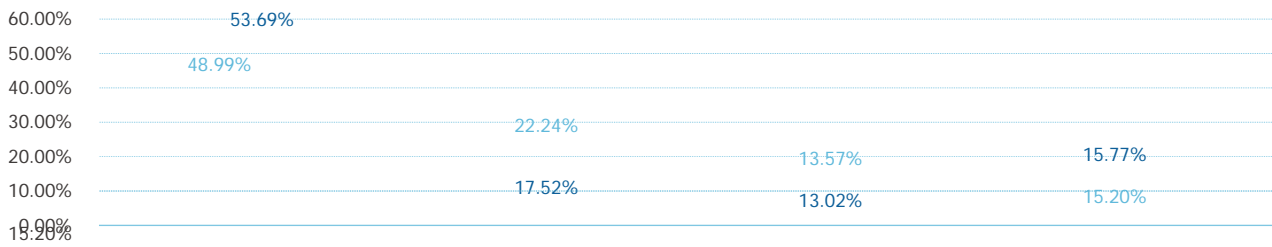
8.88

%%\$



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##

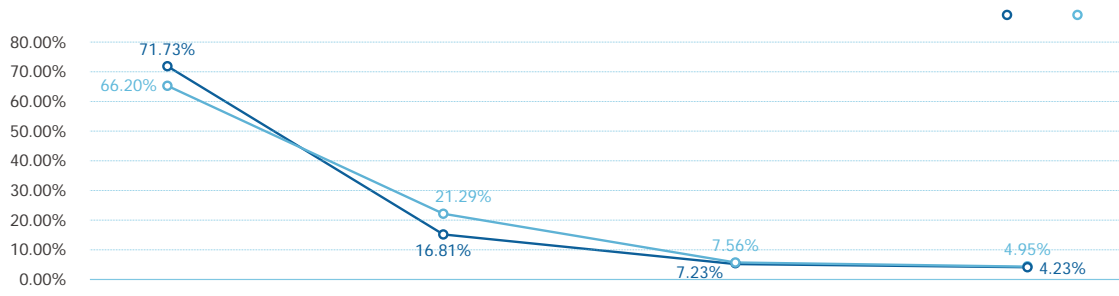


3.5

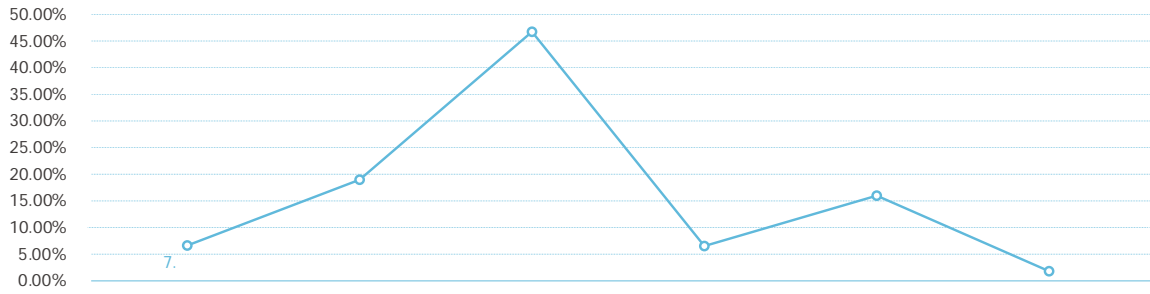
3.6

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€/€\$



3.7



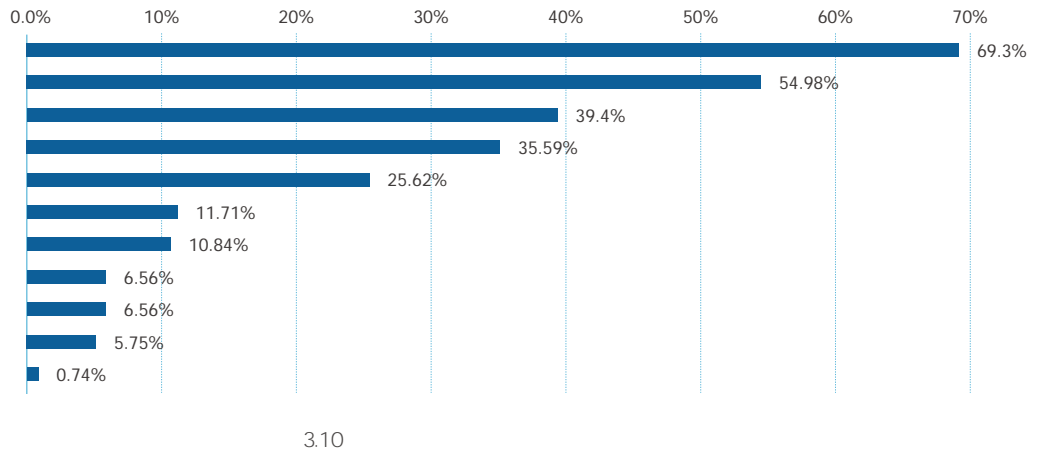
3.8

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3.9

74.74%

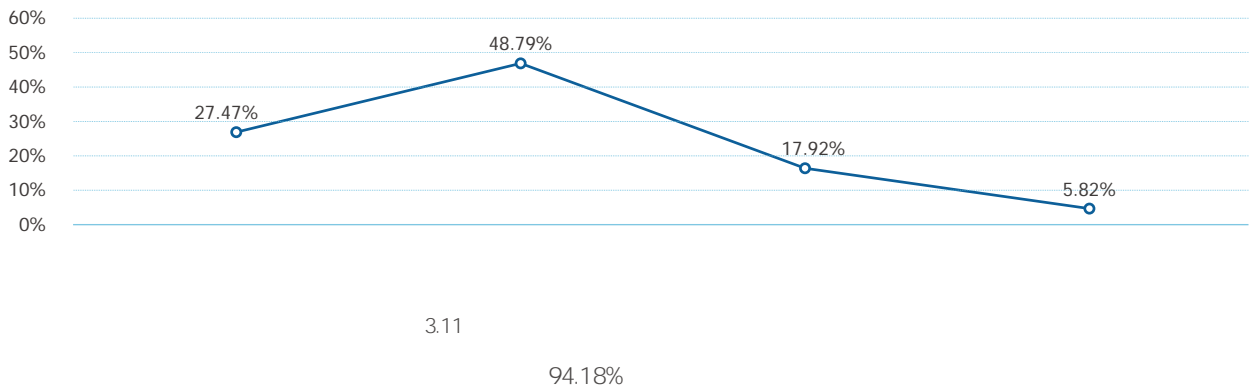
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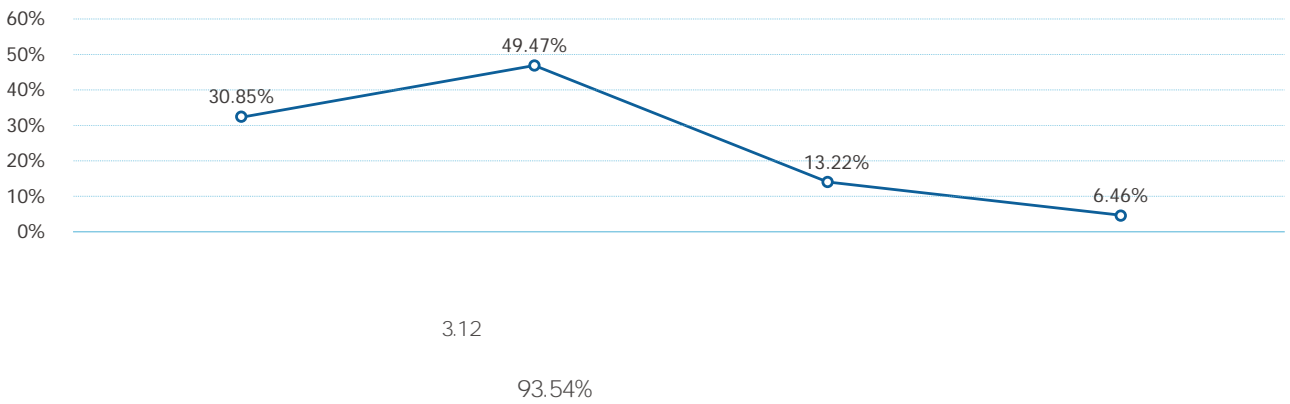
3.10  
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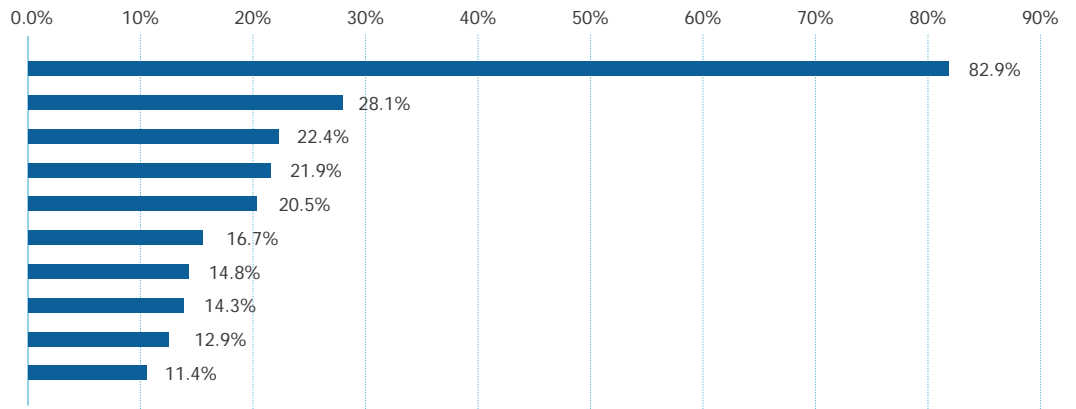
3.11  
94.18%



3.12  
93.54%



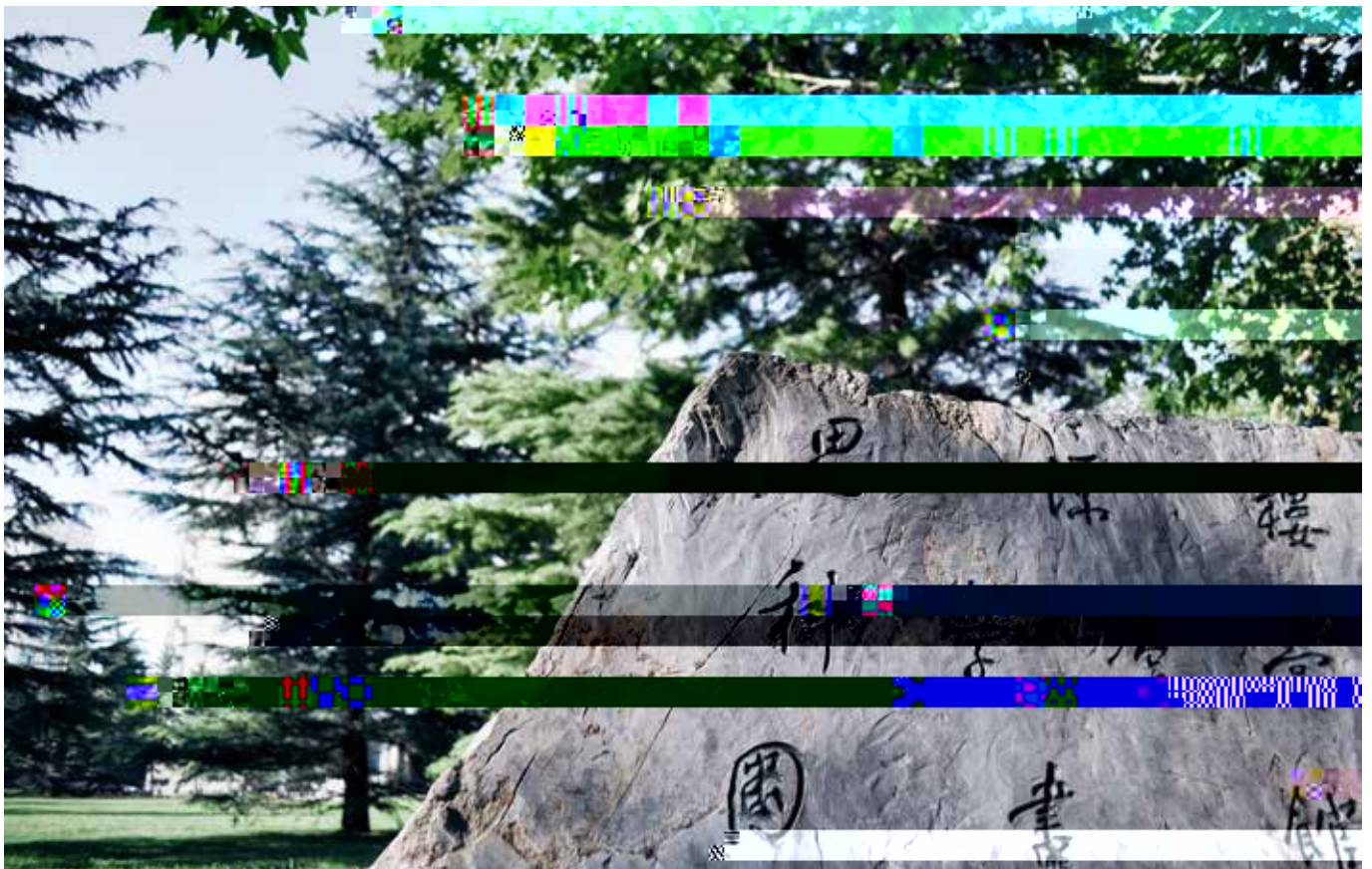
表 2



28.1%

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