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Before perturbing zeros: Perturbation of zeros

pvalue	Häufigkeit	Prozent		Kumulativer Prozentwert
0	3400	100.00	3400	100.00

12:30 Wednesday, May 17, 2017 2 Before perturbing zeros: Perturbation of cell values larger than 3

pvalue	Häufigkeit	Prozent	Kumulative Häufigkeit	Kumulativer Prozentwert
-3	1030	3.22	1030	3.22
-2	3487	10.90	4517	14.12
-1	7775	24.31	12292	38.43
0	8185	25.59	20477	64.02
1	6637	20.75	27114	84.77
2	3494	10.92	30608	95.70
3	1376	4.30	31984	100.00

Before perturbing zeros: Perturbation of all cell values

pvalue	Häufigkeit	Prozent	Kumulative Häufigkeit	Kumulativer Prozentwert
-3	1616	3.73	1616	3.73
-2	4404	10.16	6020	13.89
-1	9778	22.56	15798	36.45
0	12551	28.96	28349	65.40
1	8936	20.62	37285	86.02
2	4647	10.72	41932	96.74
3	1412	3.26	43344	100.00

Final perturbation: Perturbation of all cell values

perturbation	Häufigkeit	Prozent	Kumulative Häufigkeit	Kumulativer Prozentwert
-3	1616	3.73	1616	3.73
-2	4404	10.16	6020	13.89
-1	9778	22.56	15798	36.45
0 1231		28.41	28112	64.86
1	8936	20.62	37048	85.47
2 4647		10.72	41695	96.20
3	1649	3.80	43344	100.00

12:30 Wednesday, May 17, 2017 5 **Refore perturbing zeros: Mean and Variance of perturbations**

Die Prozedur MEANS

Analysis Variable : pvalue								
Mittelwert Varianz Minimum Maximum								
-0.0223330	1.8953091	-3.0000000	3.0000000	43344				

12:30 Wednesday, May 17, 2017 **6** *Final perturbation: Mean and Variance of perturbations*

Die Prozedur MEANS

Analysis Variable : perturbation								
Mittelwert Varianz Minimum Maximum								
-0.0059293	1.9449848	-3.0000000	3.0000000	43344				

Distribution of original and final cell values

rs_cv_cat	Häufigkeit	Prozent	Kumulative Häufigkeit	Kumulativer Prozentwert	
0	3400	7.84	3400	7.84	
1	2983	6.88	6383	14.73	
2	2604	6.01	8987	20.73	
3	2373	5.47	11360	26.21	
4	4 2082		13442	31.01	
5	1933	4.46	15375	35.47	
6	1708	3.94	17083	39.41	
7	1650	3.81	18733	43.22	
8	8 1413		20146	46.48	
9	1372	3.17	21518	49.64	
>= 10	21826	50.36	43344	100.00	

cp_cv_cat	Häufigkeit	Prozent	Kumulative Häufigkeit	Kumulativer Prozentwert	
0	6669	15.39	6669	15.39	
3	5442	12.56	12111	27.94	
4	4 1616		13727	31.67	
5	5 1411		15138	34.93	
6	6 1596		16734	38.61	
7	7 1747		18481	42.64	
8	8 1573		20054	46.27	
9	1367	3.15	21421	49.42	
>= 10	21923	50.58	43344	100.00	

Die Prozedur FREQ

Row Pct

	Table of rs_cv_cat by cp_cv_cat									
	cp_cv_cat									
rs_cv_cat	0	3	4	5	6	7	8	9	>= 10	Summe
0	93.03	6.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	67.15	32.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	35.22	64.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	24.69	40.71	25.79	7.29	1.52	0.00	0.00	0.00	0.00	
4	0.00	57.35	15.27	8.50	7.73	11.14	0.00	0.00	0.00	
5	0.00	16.04	22.61	24.68	19.09	12.00	5.59	0.00	0.00	
6	0.00	3.98	10.42	22.13	25.88	22.31	11.59	3.69	0.00	
7	0.00	0.00	4.30	9.82	21.70	25.21	23.76	11.52	3.70	
8	0.00	0.00	0.00	3.11	12.53	21.51	26.47	21.66	14.72	
9	0.00	0.00	0.00	0.00	3.86	10.28	23.54	26.17	36.15	
>= 10	0.00	0.00	0.00	0.00	0.00	0.19	0.82	2.06	96.94	
Summe	6669	5442	1616	1411	1596	1747	1573	1367	21923	43344