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附表10 希臘字母表

- **附表2**取自Devore, J.L.(1987). *Probability and Statistics for Engineering and Sciences*, 2nd ed. Brooks/Cole Publishing Company, Monterey, California.
- **附表3**及**附表3A**取自Gnedenko, B.V.(1975). *The Theory of Probability*. Mir Publishers, Moscow.
- **附表4-附表6**取自Neter, J., Wasserman, W. and Kutner, M.H.(1985). *Applied Linear Statistical Models*, 2nd ed. Richard D. Irwin, Inc., Homewood, Illinois.
- **附表7**取自Casella, G. and Berger, R.L.(1990). *Statistical Inference*, Wadsworth and Brooks/Cole Publishing Company. Pacific Grove, California.
- **附表8、附表9及附表9A**取自Engelhardt, B.(1992). Introduction to Probability and Mathematical Statistics, 2nd ed. PWS-KENT Publishing Company, Boston, Massachusetts.

附表1 常用分佈表

分佈(p.d.f.)	$\phi(s) = E(e^{-sX})$	期望值	變異數
$\mathcal{B}(n, \theta); \binom{n}{k} \theta^k (1-\theta)^{n-k},$ $n \geq 1, 0 \leq \theta \leq 1, k = 0, 1, \dots, n$	$(\theta e^{-s} + 1 - \theta)^n$	$n\theta$	$n\theta(1-\theta)$
$\mathcal{P}(\lambda); \frac{e^{-\lambda} \lambda^k}{k!}, \lambda > 0, k = 0, 1, \dots$	$e^{-\lambda(1-e^{-s})}$	λ	λ
$\mathcal{G}e(\theta); \theta(1-\theta)^{k-1},$ $0 < \theta < 1, k = 1, 2, \dots$	$\frac{\theta e^{-s}}{1-(1-\theta)e^{-s}}$	$\frac{1}{\theta}$	$\frac{1-\theta}{\theta^2}$
$\mathcal{NB}(r, \theta); \binom{k+r-1}{k} \theta^r (1-\theta)^k,$ $r \geq 1, 0 < \theta < 1, k = 0, 1, \dots$	$\frac{\theta^r}{(1-(1-\theta)e^{-s})^r}$	$\frac{r(1-\theta)}{\theta}$	$\frac{r(1-\theta)}{\theta^2}$
$\mathcal{M}(n, \theta_1, \dots, \theta_r); \frac{n!}{k_1! \dots k_r!} \prod_{i=1}^r \theta_i^{k_i},$ $n \geq 1, \theta_i \geq 0, \sum_{i=1}^r \theta_i = 1,$ $\sum_{i=1}^r k_i = n, r = 2, 3, \dots$	$E(\prod_{i=1}^r s_i^{X_i})$ $= (\sum_{i=1}^r \theta_i s_i)^n$	$E(X_i)$ $= n\theta_i$	$\text{Var}(X_i)$ $= n\theta_i(1-\theta_i),$ $\text{Cov}(X_i, X_j)$ $= -n\theta_i\theta_j$
$\mathcal{U}(a, b); \frac{1}{(b-a)}, a < x < b$	$\frac{e^{-sa} - e^{-sb}}{s(b-a)}$	$\frac{a+b}{2}$	$\frac{(b-a)^2}{12}$
$\mathcal{E}(\lambda); \lambda e^{-\lambda x}, \lambda > 0, x > 0$	$\frac{\lambda}{(\lambda+s)}$	$\frac{1}{\lambda}$	$\frac{1}{\lambda^2}$
$\Gamma(p, \lambda); \frac{x^{p-1} e^{-x/\lambda}}{\Gamma(p)\lambda^p}, p, \lambda, x > 0$	$(1 + \lambda s)^{-p}$	$p\lambda$	$p\lambda^2$
$\chi_n^2; \frac{x^{n/2-1} e^{-x/2}}{\Gamma(n/2)2^{n/2}}, n = 1, 2, \dots$	$(1 + 2s)^{-n/2}$	n	$2n$
$\mathcal{B}e(r, s); \frac{\Gamma(r+s)}{\Gamma(r)\Gamma(s)} x^{r-1} (1-x)^{s-1},$ $r, s > 0, 0 < x < 1$		$\frac{r}{r+s}$	$\frac{rs}{(r+s)^2(r+s+1)}$
$\mathcal{N}(\mu, \sigma^2); \frac{1}{\sqrt{2\pi}\sigma} e^{-(x-\mu)^2/(2\sigma^2)},$ $\mu \in R, \sigma > 0, x \in R$	$\phi(-is)$ $= e^{i\mu s - \sigma^2 s^2/2}$	μ	σ^2
$\mathcal{C}(\theta, a); \frac{a}{\pi(a^2 + (x-\theta)^2)},$ $\theta \in R, a > 0, x \in R$	$\phi(-is)$ $= e^{-a s + is\theta}$	不存在	不存在
$\mathcal{T}_n; \frac{\Gamma((n+1)/2)}{\sqrt{n\pi}\Gamma(n/2)} \frac{1}{(1+x^2/n)^{(n+1)/2}},$ $n \geq 1, x \in R$		$0, n \geq 2$	$\frac{n}{(n-2)}, n \geq 3$
$\mathcal{F}_{n,m}; \frac{(n/m)^{n/2} x^{(n-2)/2}}{B(n/2, m/2)(1+nx/m)^{(n+m)/2}},$ $n, m \geq 1, x > 0$		$\frac{m}{m-2},$ $m \geq 3$	$\frac{2m^2(n+m-2)}{n(m-2)^2(m-4)},$ $m \geq 5$

附表2 二項分佈之分佈函數 $\sum_{i=0}^k b(i; n, p)$

$\mathbf{a}, n = 5$																
$k \setminus p$	0.01	0.05	0.10	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.75	0.80	0.90	0.95	0.99	
0	.951	.774	.590	.328	.237	.168	.078	.031	.010	.002	.001	.000	.000	.000	.000	
1	.999	.977	.919	.737	.633	.528	.337	.188	.087	.031	.016	.007	.000	.000	.000	
2	1.000	.999	.991	.942	.896	.837	.683	.500	.317	.163	.104	.058	.009	.001	.000	
3	1.000	1.000	1.000	.993	.984	.969	.913	.812	.663	.472	.367	.263	.081	.023	.001	
4	1.000	1.000	1.000	1.000	.999	.998	.990	.969	.922	.832	.763	.672	.410	.226	.049	

b, n = 10																
$k \setminus p$	0.01	0.05	0.10	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.75	0.80	0.90	0.95	0.99	
0	.904	.599	.349	.107	.056	.028	.006	.001	.000	.000	.000	.000	.000	.000	.000	
1	.996	.914	.736	.376	.244	.149	.046	.011	.002	.000	.000	.000	.000	.000	.000	
2	1.000	.988	.930	.678	.526	.383	.167	.055	.012	.002	.000	.000	.000	.000	.000	
3	1.000	.999	.987	.879	.776	.650	.382	.172	.055	.011	.004	.001	.000	.000	.000	
4	1.000	1.000	.998	.967	.922	.850	.633	.377	.166	.047	.020	.006	.000	.000	.000	
5	1.000	1.000	1.000	.994	.980	.953	.834	.623	.367	.150	.078	.033	.002	.000	.000	
6	1.000	1.000	1.000	.999	.996	.989	.945	.828	.618	.350	.224	.121	.013	.001	.000	
7	1.000	1.000	1.000	1.000	1.000	.998	.988	.945	.833	.617	.474	.322	.070	.012	.000	
8	1.000	1.000	1.000	1.000	1.000	1.000	.998	.989	.954	.851	.756	.624	.264	.086	.004	
9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.999	.994	.972	.944	.893	.651	.401	.096	

c. n = 15																
k \ p	0.01	0.05	0.10	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.75	0.80	0.90	0.95	0.99	
0	.860	.463	.206	.035	.013	.005	.000	.000	.000	.000	.000	.000	.000	.000	.000	
1	.990	.829	.549	.167	.080	.035	.005	.000	.000	.000	.000	.000	.000	.000	.000	
2	1.000	.964	.816	.398	.236	.127	.027	.004	.000	.000	.000	.000	.000	.000	.000	
3	1.000	.995	.944	.648	.461	.297	.091	.018	.002	.000	.000	.000	.000	.000	.000	
4	1.000	.999	.987	.836	.686	.515	.217	.059	.009	.001	.000	.000	.000	.000	.000	
5	1.000	1.000	.998	.939	.852	.722	.403	.151	.034	.004	.001	.000	.000	.000	.000	
6	1.000	1.000	1.000	.982	.943	.869	.610	.304	.095	.015	.004	.001	.000	.000	.000	
7	1.000	1.000	1.000	.996	.983	.950	.787	.500	.213	.050	.017	.004	.000	.000	.000	
8	1.000	1.000	1.000	.999	.996	.985	.905	.696	.390	.131	.057	.018	.000	.000	.000	
9	1.000	1.000	1.000	1.000	.999	.996	.966	.849	.597	.278	.148	.061	.002	.000	.000	
10	1.000	1.000	1.000	1.000	1.000	.999	.991	.941	.783	.485	.314	.164	.013	.001	.000	
11	1.000	1.000	1.000	1.000	1.000	1.000	.998	.982	.909	.703	.539	.352	.056	.005	.000	
12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.996	.973	.873	.764	.602	.184	.036	.000	
13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.995	.965	.920	.833	.451	.171	.010	
14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.995	.987	.965	.794	.537	.140	

[illegible]

附表2 (續)

d. $n = 20$

$k \setminus p$	0.01	0.05	0.10	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.75	0.80	0.90	0.95	0.99
5	1.000	1.000	.989	.804	.617	.416	.126	.021	.002	.000	.000	.000	.000	.000	.000
6	1.000	1.000	.998	.913	.786	.608	.250	.058	.006	.000	.000	.000	.000	.000	.000
7	1.000	1.000	1.000	.968	.898	.772	.416	.132	.021	.001	.000	.000	.000	.000	.000
8	1.000	1.000	1.000	.990	.959	.887	.596	.252	.057	.005	.001	.000	.000	.000	.000
9	1.000	1.000	1.000	.997	.986	.952	.755	.412	.128	.017	.004	.001	.000	.000	.000
10	1.000	1.000	1.000	.999	.996	.983	.872	.588	.245	.048	.014	.003	.000	.000	.000
11	1.000	1.000	1.000	1.000	.999	.995	.943	.748	.404	.113	.041	.010	.000	.000	.000
12	1.000	1.000	1.000	1.000	1.000	.999	.979	.868	.584	.228	.102	.032	.000	.000	.000
13	1.000	1.000	1.000	1.000	1.000	1.000	.994	.942	.750	.392	.214	.087	.002	.000	.000
14	1.000	1.000	1.000	1.000	1.000	1.000	.998	.979	.874	.584	.383	.196	.011	.000	.000
15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.994	.949	.762	.585	.370	.043	.003	.000
16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.999	.984	.893	.775	.589	.133	.016	.000
17	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.996	.965	.909	.794	.323	.075	.001
18	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.999	.992	.976	.931	.608	.264	.017
19	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.999	.997	.988	.878	.642	.182

e. $n = 25$

$k \setminus p$	0.01	0.05	0.10	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.75	0.80	0.90	0.95	0.99
0	.778	.277	.072	.004	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
1	.974	.642	.271	.027	.007	.002	.000	.000	.000	.000	.000	.000	.000	.000	.000
2	.998	.873	.537	.098	.032	.009	.000	.000	.000	.000	.000	.000	.000	.000	.000
3	1.000	.966	.764	.234	.096	.033	.002	.000	.000	.000	.000	.000	.000	.000	.000
4	1.000	.993	.902	.421	.214	.090	.009	.000	.000	.000	.000	.000	.000	.000	.000
5	1.000	.999	.967	.617	.378	.193	.029	.002	.000	.000	.000	.000	.000	.000	.000
6	1.000	1.000	.991	.780	.561	.341	.074	.007	.000	.000	.000	.000	.000	.000	.000
7	1.000	1.000	.998	.891	.727	.512	.154	.022	.001	.000	.000	.000	.000	.000	.000
8	1.000	1.000	1.000	.953	.851	.677	.274	.054	.004	.000	.000	.000	.000	.000	.000
9	1.000	1.000	1.000	.983	.929	.811	.425	.115	.013	.000	.000	.000	.000	.000	.000
10	1.000	1.000	1.000	.994	.970	.902	.586	.212	.034	.002	.000	.000	.000	.000	.000
11	1.000	1.000	1.000	.998	.980	.956	.732	.345	.078	.006	.001	.000	.000	.000	.000
12	1.000	1.000	1.000	1.000	.997	.983	.846	.500	.154	.017	.003	.000	.000	.000	.000
13	1.000	1.000	1.000	1.000	.999	.994	.922	.655	.268	.044	.020	.002	.000	.000	.000
14	1.000	1.000	1.000	1.000	1.000	.998	.966	.788	.414	.098	.030	.006	.000	.000	.000
15	1.000	1.000	1.000	1.000	1.000	1.000	.987	.885	.575	.189	.071	.017	.000	.000	.000
16	1.000	1.000	1.000	1.000	1.000	1.000	.996	.946	.726	.323	.149	.047	.000	.000	.000
17	1.000	1.000	1.000	1.000	1.000	1.000	.999	.978	.846	.488	.273	.109	.002	.000	.000
18	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.993	.926	.659	.439	.220	.009	.000	.000
19	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.998	.971	.807	.622	.383	.033	.001	.000
20	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.991	.910	.786	.579	.098	.007	.000
21	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.998	.967	.904	.766	.236	.034	.000
22	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.991	.968	.902	.463	.127	.002
23	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.998	.993	.973	.729	.358	.026
24	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.999	.996	.928	.723	.222

附表3 波松分佈之機率密度函數 $p(k; \lambda) = e^{-\lambda} \lambda^k / k!$

$k \setminus \lambda$	0.1	0.2	0.3	0.4	0.5	0.6
0	.904837	.818731	.740818	.670320	.606531	.548812
1	.090484	.163746	.222245	.268128	.303265	.329287
2	.004524	.016375	.033337	.053626	.075816	.098786
3	.000151	.001091	.003334	.007150	.012636	.019757
4	.000004	.000055	.000250	.000715	.001580	.002964
5		.000002	.000015	.000057	.000158	.000356
6			.000001	.000004	.000013	.000035
7					.000001	.000003

$k \setminus \lambda$	0.7	0.8	0.9	1.0	2.0	3.0
0	.496585	.449329	.406570	.367879	.135335	.049787
1	.347610	.359463	.365913	.367879	.270671	.149361
2	.121663	.143785	.164661	.183940	.270671	.224042
3	.028388	.038343	.049398	.061313	.180447	.224042
4	.004968	.007669	.011115	.015328	.090224	.168031
5	.000695	.001227	.002001	.003066	.036089	.100819
6	.000081	.000164	.000300	.000511	.012030	.050409
7	.000008	.000019	.000039	.000073	.003437	.021604
8		.000002	.000004	.000009	.000859	.008101
9				.000001	.000191	.002701
10					.000038	.000810
11					.000007	.000221
12					.000001	.000055
13						.000013
14						.000003
15						.000001

附表3 (續)

$k \setminus \lambda$	4.0	5.0	6.0	7.0	8.0	9.0
0	.018316	.006738	.002479	.000912	.000335	.000123
1	.073263	.033690	.014873	.006383	.002684	.001111
2	.146525	.084224	.044618	.022341	.010735	.004998
3	.195367	.140374	.089235	.052129	.028626	.014994
4	.195367	.175467	.133853	.091226	.057252	.033737
5	.156293	.175467	.160623	.127717	.091604	.060727
6	.104194	.146223	.160623	.149003	.122138	.091090
7	.059540	.104445	.137677	.149003	.139587	.117116
8	.029770	.065278	.103258	.130377	.139587	.131756
9	.013231	.036266	.068838	.101405	.124077	.131756
10	.005292	.018133	.041303	.070983	.099262	.118580
11	.001925	.008242	.022529	.045171	.072190	.097020
12	.000642	.003434	.011262	.026350	.048127	.072765
13	.000197	.001321	.005199	.014188	.029616	.050376
14	.000056	.000472	.002228	.007094	.016924	.032384
15	.000015	.000157	.000891	.003311	.009026	.019431
16	.000004	.000049	.000334	.001448	.004513	.010930
17	.000001	.000014	.000118	.000596	.002124	.005786
18		.000004	.000039	.000232	.000944	.002893
19		.000001	.000012	.000085	.000397	.001370
20			.000004	.000030	.000159	.000617
21			.000001	.000010	.000061	.000264
22				.000003	.000022	.000108
23				.000001	.000008	.000042
24					.000003	.000016
25					.000001	.000006
26						.000002
27						.000001

附表3A 波松分佈之分佈函數 $\sum_{m=0}^k e^{-\lambda} \lambda^m / m!$

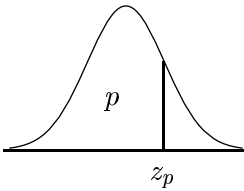
$k \setminus \lambda$	0.1	0.2	0.3	0.4	0.5	0.6
0	.904837	.818731	.740818	.670320	.606531	.548812
1	.995321	.982477	.963063	.938448	.909796	.878099
2	.999845	.998852	.996400	.992074	.985612	.976885
3	.999996	.999943	.999734	.999224	.998248	.996642
4	1.000000	.999998	.999984	.999939	.999828	.999606
5	1.000000	1.000000	.999999	.999996	.999986	.999962
6	1.000000	1.000000	1.000000	1.000000	.999999	.999997
7	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

$k \setminus \lambda$	0.7	0.8	0.9	1.0	2.0	3.0
0	.496585	.449329	.406570	.367879	.135335	.049787
1	.844195	.808792	.772483	.735759	.406006	.199148
2	.965858	.952577	.937144	.919699	.676677	.423190
3	.994246	.990920	.986542	.981012	.857124	.647232
4	.999214	.998589	.997657	.996340	.947348	.815263
5	.999909	.999816	.999658	.999406	.983437	.916082
6	.999990	.999980	.999958	.999917	.995467	.966491
7	.999998	.999999	.999997	.999990	.998904	.988095
8	1.000000	1.000000	1.000000	.999999	.999763	.996196
9				1.000000	.999954	.998897
10					.999992	.999707
11					.999999	.999928
12					1.000000	.999983
13						.999996
14						.999999
15						1.000000

附表3A (續)

$k \setminus \lambda$	4.0	5.0	6.0	7.0	8.0	9.0
0	.018316	.006738	.002479	.000912	.000335	.000123
1	.091579	.040428	.017352	.007295	.003019	.001234
2	.238105	.124652	.061970	.029636	.013754	.006232
3	.433472	.265026	.151205	.081765	.042380	.021228
4	.628839	.440493	.285058	.172991	.099632	.054963
5	.785132	.615960	.445681	.300708	.191236	.115690
6	.889326	.762183	.606304	.449711	.313374	.206780
7	.948866	.866628	.743981	.598714	.452961	.323896
8	.978636	.931806	.847239	.729091	.592548	.455652
9	.991867	.968172	.916077	.830496	.716625	.587408
10	.997159	.986305	.957380	.901479	.815887	.705988
11	.999084	.994547	.979909	.946650	.888077	.803008
12	.999726	.997981	.991173	.973000	.936204	.875773
13	.999923	.999202	.996372	.987188	.965820	.926149
14	.999979	.999774	.998600	.994282	.982744	.958533
15	.999994	.999931	.999491	.997593	.991770	.977964
16	.999998	.999980	.999825	.999041	.996283	.988894
17	.999999	.999994	.999943	.999637	.998407	.994680
18	.999999	.999998	.999982	.999869	.999351	.997573
19	.999999	.999999	.999994	.999955	.999748	.998943
20	1.000000	.999999	.999998	.999985	.999907	.999560
21		1.000000	.999999	.999995	.999967	.999824
22			.999999	.999998	.999989	.999932
23			1.000000	.999999	.999997	.999974
24				.999999	.999999	.999990
25				1.000000	.999999	.999996
26					1.000000	.999998
27						.999999
28						1.000000

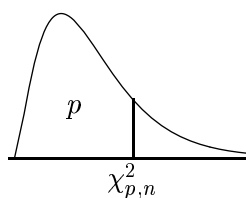
附表4 標準常態分佈之分佈函數 $\Phi(z_p) = P(Z \leq z_p) = p$



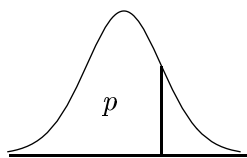
z_p	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
0	.5000	.5040	.5080	.5120	.5160	.5199	.5239	.5279	.5319	.5359
.1	.5398	.5438	.5478	.5517	.5557	.5596	.5636	.5675	.5714	.5753
.2	.5793	.5832	.5871	.5910	.5948	.5987	.6026	.6064	.6103	.6141
.3	.6179	.6217	.6255	.6293	.6331	.6368	.6406	.6443	.6480	.6517
.4	.6554	.6591	.6628	.6664	.6700	.6736	.6772	.6808	.6844	.6879
.5	.6915	.6950	.6985	.7019	.7054	.7088	.7123	.7157	.7190	.7224
.6	.7257	.7291	.7324	.7357	.7389	.7422	.7454	.7486	.7517	.7549
.7	.7580	.7611	.7642	.7673	.7704	.7734	.7764	.7794	.7823	.7852
.8	.7881	.7910	.7939	.7967	.7995	.8023	.8051	.8078	.8106	.8133
.9	.8159	.8186	.8212	.8238	.8264	.8289	.8315	.8340	.8365	.8389
1.0	.8413	.8438	.8461	.8485	.8508	.8531	.8554	.8577	.8599	.8621
1.1	.8643	.8665	.8686	.8708	.8729	.8749	.8770	.8790	.8810	.8830
1.2	.8849	.8869	.8888	.8907	.8925	.8944	.8962	.8980	.8997	.9015
1.3	.9032	.9049	.9066	.9082	.9099	.9115	.9131	.9147	.9162	.9177
1.4	.9192	.9207	.9222	.9236	.9251	.9265	.9279	.9292	.9306	.9319
1.5	.9332	.9345	.9357	.9370	.9382	.9394	.9406	.9418	.9429	.9441
1.6	.9452	.9463	.9474	.9484	.9495	.9505	.9515	.9525	.9535	.9545
1.7	.9554	.9564	.9573	.9582	.9591	.9599	.9608	.9616	.9625	.9633
1.8	.9641	.9649	.9656	.9664	.9671	.9678	.9686	.9693	.9699	.9706
1.9	.9713	.9719	.9726	.9732	.9738	.9744	.9750	.9756	.9761	.9767
2.0	.9772	.9778	.9783	.9788	.9793	.9798	.9803	.9808	.9812	.9817
2.1	.9821	.9826	.9830	.9834	.9838	.9842	.9846	.9850	.9854	.9857
2.2	.9861	.9864	.9868	.9871	.9875	.9878	.9881	.9884	.9887	.9890
2.3	.9893	.9896	.9898	.9901	.9904	.9906	.9909	.9911	.9913	.9916
2.4	.9918	.9920	.9922	.9925	.9927	.9929	.9931	.9932	.9934	.9936
2.5	.9938	.9940	.9941	.9943	.9945	.9946	.9948	.9949	.9951	.9952
2.6	.9953	.9955	.9956	.9957	.9959	.9960	.9961	.9962	.9963	.9964
2.7	.9965	.9966	.9967	.9968	.9969	.9970	.9971	.9972	.9973	.9974
2.8	.9974	.9975	.9976	.9977	.9977	.9978	.9979	.9979	.9980	.9981
2.9	.9981	.9982	.9982	.9983	.9984	.9984	.9985	.9985	.9986	.9986
3.0	.9987	.9987	.9987	.9988	.9988	.9989	.9989	.9989	.9990	.9990
3.1	.9990	.9991	.9991	.9991	.9992	.9992	.9992	.9992	.9993	.9993
3.2	.9993	.9993	.9994	.9994	.9994	.9994	.9994	.9995	.9995	.9995
3.3	.9995	.9995	.9995	.9996	.9996	.9996	.9996	.9996	.9996	.9997
3.4	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9998

常用 p 值

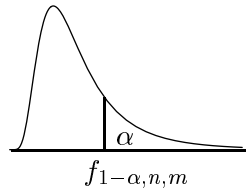
p	.90	.95	.975	.98	.99	.995	.999
z_p	1.282	1.645	1.960	2.054	2.326	2.576	3.090

附表5 χ^2 分佈之分佈函數 $P(\chi_n^2 \leq \chi_{p,n}^2) = p$ 

$n \setminus p$	.005	.010	.025	.050	.100	.900	.950	.975	.990	.995
1	.0 ⁴ 393	.0 ³ 157	.0 ³ 982	.0 ² 393	.0158	2.71	3.84	5.02	6.63	7.88
2	.0100	.0201	.0506	.103	.211	4.61	5.99	7.38	9.21	10.60
3	.072	.115	.216	.352	.584	6.25	7.81	9.35	11.34	12.84
4	.207	.297	.484	.711	1.064	7.78	9.49	11.14	13.28	14.86
5	.412	.554	.831	1.145	1.61	9.24	11.07	12.83	15.09	16.75
6	.676	.872	1.24	1.64	2.20	10.64	12.59	14.45	16.81	18.55
7	.989	1.24	1.69	2.17	2.83	12.02	14.07	16.01	18.48	20.28
8	1.34	1.65	2.18	2.73	3.49	13.36	15.51	17.53	20.09	21.96
9	1.73	2.09	2.70	3.33	4.17	14.68	16.92	19.02	21.67	23.59
10	2.16	2.56	3.25	3.94	4.87	15.99	18.31	20.48	23.21	25.19
11	2.60	3.05	3.82	4.57	5.58	17.28	19.68	21.92	24.73	26.76
12	3.07	3.57	4.40	5.23	6.30	18.55	21.03	23.34	26.22	28.30
13	3.57	4.11	5.01	5.89	7.04	19.81	22.36	24.74	27.69	29.82
14	4.07	4.66	5.63	6.57	7.79	21.06	23.68	26.12	29.14	31.32
15	4.60	5.23	6.26	7.26	8.55	22.31	25.00	27.49	30.58	32.80
16	5.14	5.81	6.91	7.96	9.31	23.54	26.30	28.85	32.00	34.27
17	5.70	6.41	7.56	8.67	10.09	24.77	27.59	30.19	33.41	35.72
18	6.26	7.01	8.23	9.39	10.86	25.99	28.87	31.53	34.81	37.16
19	6.84	7.63	8.91	10.12	11.65	27.20	30.14	32.85	36.19	38.58
20	7.43	8.26	9.59	10.85	12.44	28.41	31.41	34.17	37.57	40.00
21	8.03	8.90	10.28	11.59	13.24	29.62	32.67	35.48	38.93	41.40
22	8.64	9.54	10.98	12.34	14.04	30.81	33.92	36.78	40.29	42.80
23	9.26	10.20	11.69	13.09	14.85	32.01	35.17	38.08	41.64	44.18
24	9.89	10.86	12.40	13.85	15.66	33.20	36.42	39.36	42.98	45.56
25	10.52	11.52	13.12	14.61	16.47	34.38	37.65	40.65	44.31	46.93
26	11.16	12.20	13.84	15.38	17.29	35.56	38.89	41.92	45.64	48.29
27	11.81	12.88	14.57	16.15	18.11	36.74	40.11	43.19	46.96	49.64
28	12.46	13.56	15.31	16.93	18.94	37.92	41.34	44.46	48.28	50.99
29	13.12	14.26	16.05	17.71	19.77	39.09	42.56	45.72	49.59	52.34
30	13.79	14.95	16.79	18.49	20.60	40.26	43.77	46.98	50.89	53.67
40	20.71	22.16	24.43	26.51	29.05	51.81	55.76	59.34	63.69	66.77
50	27.99	29.71	32.36	34.76	37.69	63.17	67.50	71.42	76.15	79.49
60	35.53	37.48	40.48	43.19	46.46	74.40	79.08	83.30	88.38	91.95
70	43.28	45.44	48.76	51.74	55.33	85.53	90.53	95.02	100.4	104.2
80	51.17	53.54	57.15	60.39	64.28	96.58	101.9	106.6	112.3	116.3
90	59.20	61.75	65.65	69.13	73.29	107.6	113.1	118.1	124.1	128.3
100	67.33	70.06	74.22	77.93	82.36	118.5	124.3	129.6	135.8	140.2

附表6 t 分佈之分佈函數 $P(\mathcal{T}_n \leq t_{p,n}) = p$ 

$n \setminus p$	.60	.70	.80	.85	.90	.95	.975	.99	.995
1	.325	.727	1.376	1.963	3.078	6.314	12.706	31.821	63.657
2	.289	.617	1.061	1.386	1.886	2.920	4.303	6.965	9.925
3	.277	.584	.978	1.250	1.638	2.353	3.182	4.541	5.841
4	.271	.569	.941	1.190	1.533	2.132	2.776	3.747	4.604
5	.267	.559	.920	1.156	1.476	2.015	2.571	3.365	4.032
6	.265	.553	.906	1.134	1.440	1.943	2.447	3.143	3.707
7	.263	.549	.896	1.119	1.415	1.895	2.365	2.998	3.499
8	.262	.546	.889	1.108	1.397	1.860	2.306	2.896	3.355
9	.261	.543	.883	1.100	1.383	1.833	2.262	2.821	3.250
10	.260	.542	.879	1.093	1.372	1.812	2.228	2.764	3.169
11	.260	.540	.876	1.088	1.363	1.796	2.201	2.718	3.106
12	.259	.539	.873	1.083	1.356	1.782	2.179	2.681	3.055
13	.259	.537	.870	1.079	1.350	1.771	2.160	2.650	3.012
14	.258	.537	.868	1.076	1.345	1.761	2.145	2.624	2.977
15	.258	.536	.866	1.074	1.341	1.753	2.131	2.602	2.947
16	.258	.535	.865	1.071	1.337	1.746	2.120	2.583	2.921
17	.257	.534	.863	1.069	1.333	1.740	2.110	2.567	2.898
18	.257	.534	.862	1.067	1.330	1.734	2.101	2.552	2.878
19	.257	.533	.861	1.066	1.328	1.729	2.093	2.539	2.861
20	.257	.533	.860	1.064	1.325	1.725	2.086	2.528	2.845
21	.257	.532	.859	1.063	1.323	1.721	2.080	2.518	2.831
22	.256	.532	.858	1.061	1.321	1.717	2.074	2.508	2.819
23	.256	.532	.858	1.060	1.319	1.714	2.069	2.500	2.807
24	.256	.531	.857	1.059	1.318	1.711	2.064	2.492	2.797
25	.256	.531	.856	1.058	1.316	1.708	2.060	2.485	2.787
26	.256	.531	.856	1.058	1.315	1.706	2.056	2.479	2.779
27	.256	.531	.855	1.057	1.314	1.703	2.052	2.473	2.771
28	.256	.530	.855	1.056	1.313	1.701	2.048	2.467	2.763
29	.256	.530	.854	1.055	1.311	1.699	2.045	2.462	2.756
30	.256	.530	.854	1.055	1.310	1.697	2.042	2.457	2.750
40	.255	.529	.851	1.050	1.303	1.684	2.021	2.423	2.704
60	.254	.527	.848	1.045	1.296	1.671	2.000	2.390	2.660
120	.254	.526	.845	1.041	1.289	1.658	1.980	2.358	2.617
∞	.253	.524	.842	1.036	1.282	1.645	1.960	2.326	2.576

附表7 $\mathcal{F}$ 分佈之右端機率 $P(\mathcal{F}_{n,m} \geq f_{1-\alpha,n,m}) = \alpha$ 

m	α	n									
		1	2	3	4	5	6	7	8	9	10
1	.100	39.86	49.50	53.59	55.83	57.24	58.20	58.91	59.44	59.86	60.19
	.050	161.45	199.50	215.71	224.58	230.10	233.99	236.77	238.88	240.54	241.88
	.025	647.79	799.50	864.16	899.58	921.85	937.11	948.22	956.66	963.28	968.63
	.010	4052.2	4999.5	5403.4	5624.6	5736.6	5859.0	5928.4	5981.1	6022.5	6055.8
	.001	405284	500000	540379	562500	576405	585937	592873	598144	602284	605621
2	.100	8.53	9.00	9.16	9.24	9.29	9.33	9.35	9.37	9.38	9.39
	.050	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40
	.025	38.51	39.00	39.17	39.25	39.30	39.33	39.36	39.37	39.39	39.40
	.010	98.50	99.00	99.17	99.25	99.30	99.33	99.36	99.37	99.39	99.40
	.001	998.50	999.00	999.17	999.25	999.30	999.33	999.36	999.37	999.39	999.40
3	.100	5.54	5.46	5.39	5.34	5.31	5.28	5.27	5.25	5.24	5.23
	.050	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79
	.025	17.44	16.04	15.44	15.10	14.88	14.73	14.62	14.54	14.47	14.42
	.010	34.12	30.82	29.46	28.71	28.24	27.91	27.67	27.49	27.35	27.23
	.001	167.03	148.05	141.11	137.10	134.58	132.85	131.58	130.62	129.86	129.25
4	.100	4.54	4.32	4.19	4.11	4.05	4.01	3.98	3.95	3.94	3.92
	.050	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96
	.025	12.22	10.65	9.98	9.60	9.36	9.20	9.07	8.98	8.90	8.84
	.010	21.20	18.00	16.69	15.98	15.52	15.21	14.98	14.80	14.66	14.55
	.001	74.14	61.25	56.18	53.44	51.71	50.53	49.66	49.00	48.47	48.05
5	.100	4.06	3.78	3.62	3.52	3.45	3.40	3.37	3.34	3.32	3.30
	.050	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74
	.025	10.01	8.43	7.76	7.39	7.15	6.98	6.85	6.76	6.68	6.62
	.010	16.26	13.27	12.06	11.39	10.97	10.67	10.46	10.29	10.16	10.05
	.001	47.18	37.12	33.20	31.09	29.75	28.83	28.16	27.65	27.24	26.92
6	.100	3.78	3.46	3.29	3.18	3.11	3.05	3.01	2.98	2.96	2.94
	.050	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06
	.025	8.81	7.26	6.60	6.23	5.99	5.82	5.70	5.60	5.52	5.46
	.010	13.75	10.92	9.78	9.15	8.75	8.47	8.26	8.10	7.98	7.87
	.001	35.51	27.00	23.70	21.92	20.80	20.03	19.46	19.03	18.69	18.41
7	.100	3.59	3.26	3.07	2.96	2.88	2.83	2.78	2.75	2.72	2.70
	.050	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64
	.025	8.07	6.54	5.89	5.52	5.29	5.12	4.99	4.90	4.82	4.76
	.010	12.25	9.55	8.45	7.85	7.46	7.19	6.99	6.84	6.72	6.62
	.001	29.25	21.69	18.77	17.20	16.21	15.52	15.02	14.63	14.33	14.08
8	.100	3.46	3.11	2.92	2.81	2.73	2.67	2.62	2.59	2.56	2.54
	.050	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35
	.025	7.57	6.06	5.42	5.05	4.82	4.65	4.53	4.43	4.36	4.30
	.010	11.26	8.65	7.59	7.01	6.63	6.37	6.18	6.03	5.91	5.81
	.001	25.41	18.49	15.83	14.39	13.48	12.86	12.40	12.05	11.77	11.54

附表7 (續)

m	α	n									
		12	15	20	25	30	40	50	60	120	1,000
1	.100	60.71	61.22	61.74	62.05	62.26	62.53	62.69	62.79	63.06	63.30
	.050	243.91	245.95	248.01	249.26	250.10	251.14	251.77	252.20	253.25	254.11
	.025	976.71	984.87	993.10	998.08	1001.4	1005.6	1008.1	1009.8	1014.0	1017.7
	.010	6106.3	6157.3	6208.7	6239.8	6260.6	6286.8	6302.5	6313.0	6339.4	6362.7
	.001	610668	615764	620908	624017	626099	628712	630285	631337	633972	636301
2	.100	9.41	9.42	9.44	9.45	9.46	9.47	9.47	9.47	9.48	9.49
	.050	19.41	19.43	19.45	19.46	19.46	19.47	19.48	19.48	19.49	19.49
	.025	39.41	39.43	39.45	39.46	39.46	39.47	39.48	39.48	39.49	39.50
	.010	99.42	99.43	99.45	99.46	99.47	99.47	99.48	99.48	99.49	99.50
	.001	999.42	999.43	999.45	999.46	999.47	999.47	999.48	999.48	999.49	999.50
3	.100	5.22	5.20	5.18	5.17	5.17	5.16	5.15	5.15	5.14	5.13
	.050	8.74	8.70	8.66	8.63	8.62	8.59	8.58	8.57	8.55	8.53
	.025	14.34	14.25	14.17	14.12	14.08	14.04	14.01	13.99	13.95	13.91
	.010	27.05	26.87	26.69	26.58	26.50	26.41	26.35	26.32	26.22	26.14
	.001	128.32	127.37	126.42	125.84	125.45	124.96	124.66	124.47	123.97	123.53
4	.100	3.90	3.87	3.84	3.83	3.82	3.80	3.80	3.79	3.78	3.76
	.050	5.91	5.86	5.80	5.77	5.75	5.72	5.70	5.69	5.66	5.63
	.025	8.75	8.66	8.56	8.50	8.46	8.41	8.38	8.36	8.31	8.26
	.010	14.37	14.20	14.02	13.91	13.84	13.75	13.69	13.65	13.56	13.47
	.001	47.41	46.76	46.10	45.70	45.43	45.09	44.88	44.75	44.40	44.09
5	.100	3.27	3.24	3.21	3.19	3.17	3.16	3.15	3.14	3.12	3.11
	.050	4.68	4.62	4.56	4.52	4.50	4.46	4.44	4.43	4.40	4.37
	.025	6.52	6.43	6.33	6.27	6.23	6.18	6.14	6.12	6.07	6.02
	.010	9.89	9.72	9.55	9.45	9.38	9.29	9.24	9.20	9.11	9.03
	.001	26.42	25.91	25.39	25.08	24.87	24.60	24.44	24.33	24.06	23.82
6	.100	2.90	2.87	2.84	2.81	2.80	2.78	2.77	2.76	2.74	2.72
	.050	4.00	3.94	3.87	3.83	3.81	3.77	3.75	3.74	3.70	3.67
	.025	5.37	5.27	5.17	5.11	5.07	5.01	4.98	4.96	4.90	4.86
	.010	7.72	7.56	7.40	7.30	7.23	7.14	7.09	7.06	6.97	6.89
	.001	17.99	17.56	17.12	16.85	16.67	16.44	16.31	16.21	15.98	15.77
7	.100	2.67	2.63	2.59	2.57	2.56	2.54	2.52	2.51	2.49	2.47
	.050	3.57	3.51	3.44	3.40	3.38	3.34	3.32	3.30	3.27	3.23
	.025	4.67	4.57	4.47	4.40	4.36	4.31	4.28	4.25	4.20	4.15
	.010	6.47	6.31	6.16	6.06	5.99	5.91	5.86	5.82	5.74	5.66
	.001	13.71	13.32	12.93	12.69	12.53	12.33	12.20	12.12	11.91	11.72
8	.100	2.50	2.46	2.42	2.40	2.38	2.36	2.35	2.34	2.32	2.30
	.050	3.28	3.22	3.15	3.11	3.08	3.04	3.02	3.01	2.97	2.93
	.025	4.20	4.10	4.00	3.94	3.89	3.84	3.81	3.78	3.73	3.68
	.010	5.67	5.52	5.36	5.26	5.20	5.12	5.07	5.03	4.95	4.87
	.001	11.19	10.84	10.48	10.26	10.11	9.92	9.80	9.73	9.53	9.36

附表7 (續)

m	α	n									
		1	2	3	4	5	6	7	8	9	10
9	.100	3.36	3.01	2.81	2.69	2.61	2.55	2.51	2.47	2.44	2.42
	.050	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14
	.025	7.21	5.71	5.08	4.72	4.48	4.32	4.20	4.10	4.03	3.96
	.010	10.56	8.02	6.99	6.42	6.06	5.80	5.61	5.47	5.35	5.26
	.001	22.86	16.39	13.90	12.56	11.71	11.13	10.70	10.37	10.11	9.89
10	.100	3.29	2.92	2.73	2.61	2.52	2.46	2.41	2.38	2.35	2.32
	.050	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98
	.025	6.94	5.46	4.83	4.47	4.24	4.07	3.95	3.85	3.78	3.72
	.010	10.04	7.56	6.55	5.99	5.64	5.39	5.20	5.06	4.94	4.85
	.001	21.04	14.91	12.55	11.28	10.48	9.93	9.52	9.20	8.96	8.75
11	.100	3.23	2.86	2.66	2.54	2.45	2.39	2.34	2.30	2.27	2.25
	.050	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85
	.025	6.72	5.26	4.63	4.28	4.04	3.88	3.76	3.66	3.59	3.53
	.010	9.65	7.21	6.22	5.67	5.32	5.07	4.89	4.74	4.63	4.54
	.001	19.69	13.81	11.56	10.35	9.58	9.05	8.66	8.35	8.12	7.92
12	.100	3.18	2.81	2.61	2.48	2.39	2.33	2.28	2.24	2.21	2.19
	.050	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75
	.025	6.55	5.10	4.47	4.12	3.89	3.73	3.61	3.51	3.44	3.37
	.010	9.33	6.93	5.95	5.41	5.06	4.82	4.64	4.50	4.39	4.30
	.001	18.64	12.97	10.80	9.63	8.89	8.38	8.00	7.71	7.48	7.29
13	.100	3.14	2.76	2.56	2.43	2.35	2.28	2.23	2.20	2.16	2.14
	.050	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67
	.025	6.41	4.97	4.35	4.00	3.77	3.60	3.48	3.39	3.31	3.25
	.010	9.07	6.70	5.74	5.21	4.86	4.62	4.44	4.30	4.19	4.10
	.001	17.82	12.31	10.21	9.07	8.35	7.86	7.49	7.21	6.98	6.80
14	.100	3.10	2.73	2.52	2.39	2.31	2.24	2.19	2.15	2.12	2.10
	.050	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60
	.025	6.30	4.86	4.24	3.89	3.66	3.50	3.38	3.29	3.21	3.15
	.010	8.86	6.51	5.56	5.04	4.69	4.46	4.28	4.14	4.03	3.94
	.001	17.14	11.78	9.73	8.62	7.92	7.44	7.08	6.80	6.58	6.40
15	.100	3.07	2.70	2.49	2.36	2.27	2.21	2.16	2.12	2.09	2.06
	.050	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54
	.025	6.20	4.77	4.15	3.80	3.58	3.41	3.29	3.20	3.12	3.06
	.010	8.68	6.36	5.42	4.89	4.56	4.32	4.14	4.00	3.89	3.80
	.001	16.59	11.34	9.34	8.25	7.57	7.09	6.74	6.47	6.26	6.08
16	.100	3.05	2.67	2.46	2.33	2.24	2.18	2.13	2.09	2.06	2.03
	.050	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49
	.025	6.12	4.69	4.08	3.73	3.50	3.34	3.22	3.12	3.05	2.99
	.010	8.53	6.23	5.29	4.77	4.44	4.20	4.03	3.89	3.78	3.69
	.001	16.12	10.97	9.01	7.94	7.27	6.80	6.46	6.19	5.98	5.81
17	.100	3.03	2.64	2.44	2.31	2.22	2.15	2.10	2.06	2.03	2.00
	.050	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45
	.025	6.04	4.62	4.01	3.66	3.44	3.28	3.16	3.06	2.98	2.92
	.010	8.40	6.11	5.19	4.67	4.34	4.10	3.93	3.79	3.68	3.59
	.001	15.72	10.66	8.73	7.68	7.02	6.56	6.22	5.96	5.75	5.58
18	.100	3.01	2.62	2.42	2.29	2.20	2.13	2.08	2.04	2.00	1.98
	.050	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41
	.025	5.98	4.56	3.95	3.61	3.38	3.22	3.10	3.01	2.93	2.87
	.010	8.29	6.01	5.09	4.58	4.25	4.01	3.84	3.71	3.60	3.51
	.001	15.38	10.39	8.49	7.46	6.81	6.35	6.02	5.76	5.56	5.39

附表7 (續)

m	α	n									
		12	15	20	25	30	40	50	60	120	1,000
9	.100	2.38	2.34	2.30	2.27	2.25	2.23	2.22	2.21	2.18	2.16
	.050	3.07	3.01	2.94	2.89	2.86	2.83	2.80	2.79	2.75	2.71
	.025	3.87	3.77	3.67	3.60	3.56	3.51	3.47	3.45	3.39	3.34
	.010	5.11	4.96	4.81	4.71	4.65	4.57	4.52	4.48	4.40	4.32
	.001	9.57	9.24	8.90	8.69	8.55	8.37	8.26	8.19	8.00	7.84
10	.100	2.28	2.24	2.20	2.17	2.16	2.13	2.12	2.11	2.08	2.06
	.050	2.91	2.85	2.77	2.73	2.70	2.66	2.64	2.62	2.58	2.54
	.025	3.62	3.52	3.42	3.35	3.31	3.26	3.22	3.20	3.14	3.09
	.010	4.71	4.56	4.41	4.31	4.25	4.17	4.12	4.08	4.00	3.92
	.001	8.45	8.13	7.80	7.60	7.47	7.30	7.19	7.12	6.94	6.78
11	.100	2.21	2.17	2.12	2.10	2.08	2.05	2.04	2.03	2.00	1.98
	.050	2.79	2.72	2.65	2.60	2.57	2.53	2.51	2.49	2.45	2.41
	.025	3.43	3.33	3.23	3.16	3.12	3.06	3.03	3.00	2.94	2.89
	.010	4.40	4.25	4.10	4.01	3.94	3.86	3.81	3.78	3.69	3.61
	.001	7.63	7.32	7.01	6.81	6.68	6.52	6.42	6.35	6.18	6.02
12	.100	2.15	2.10	2.06	2.03	2.01	1.99	1.97	1.96	1.93	1.91
	.050	2.69	2.62	2.54	2.50	2.47	2.43	2.40	2.38	2.34	2.30
	.025	3.28	3.18	3.07	3.01	2.96	2.91	2.87	2.85	2.79	2.73
	.010	4.16	4.01	3.86	3.76	3.70	3.62	3.57	3.54	3.45	3.37
	.001	7.00	6.71	6.40	6.22	6.09	5.93	5.83	5.76	5.59	5.44
13	.100	2.10	2.05	2.01	1.98	1.96	1.93	1.92	1.90	1.88	1.85
	.050	2.60	2.53	2.46	2.41	2.38	2.34	2.31	2.30	2.25	2.21
	.025	3.15	3.05	2.95	2.88	2.84	2.78	2.74	2.72	2.66	2.60
	.010	3.96	3.82	3.66	3.57	3.51	3.43	3.38	3.34	3.25	3.18
	.001	6.52	6.23	5.93	5.75	5.63	5.47	5.37	5.30	5.14	4.99
14	.100	2.05	2.01	1.96	1.93	1.91	1.89	1.87	1.86	1.83	1.80
	.050	2.53	2.46	2.39	2.34	2.31	2.27	2.24	2.22	2.18	2.14
	.025	3.05	2.95	2.84	2.78	2.73	2.67	2.64	2.61	2.55	2.50
	.010	3.80	3.66	3.51	3.41	3.35	3.27	3.22	3.18	3.09	3.02
	.001	6.13	5.85	5.56	5.38	5.25	5.10	5.00	4.94	4.77	4.62
15	.100	2.02	1.97	1.92	1.89	1.87	1.85	1.83	1.82	1.79	1.76
	.050	2.48	2.40	2.33	2.28	2.25	2.20	2.18	2.16	2.11	2.07
	.025	2.96	2.86	2.76	2.69	2.64	2.59	2.55	2.52	2.46	2.40
	.010	3.67	3.52	3.37	3.28	3.21	3.13	3.08	3.05	2.96	2.88
	.001	5.81	5.54	5.25	5.07	4.95	4.80	4.70	4.64	4.47	4.33
16	.100	1.99	1.94	1.89	1.86	1.84	1.81	1.79	1.78	1.75	1.72
	.050	2.42	2.35	2.28	2.23	2.19	2.15	2.12	2.11	2.06	2.02
	.025	2.89	2.79	2.68	2.61	2.57	2.51	2.47	2.45	2.38	2.32
	.010	3.55	3.41	3.26	3.16	3.10	3.02	2.97	2.93	2.84	2.76
	.001	5.55	5.27	4.99	4.82	4.70	4.54	4.45	4.39	4.23	4.08
17	.100	1.96	1.91	1.86	1.83	1.81	1.78	1.76	1.75	1.72	1.69
	.050	2.38	2.31	2.23	2.18	2.15	2.10	2.08	2.06	2.01	1.97
	.025	2.82	2.72	2.62	2.55	2.50	2.44	2.41	2.38	2.32	2.26
	.010	3.46	3.31	3.16	3.07	3.00	2.92	2.87	2.83	2.75	2.66
	.001	5.32	5.05	4.78	4.60	4.48	4.33	4.24	4.18	4.02	3.87
18	.100	1.93	1.89	1.84	1.80	1.78	1.75	1.74	1.72	1.69	1.66
	.050	2.34	2.27	2.19	2.14	2.11	2.06	2.04	2.02	1.97	1.92
	.025	2.77	2.67	2.56	2.49	2.44	2.38	2.35	2.32	2.26	2.20
	.010	3.37	3.23	3.08	2.98	2.92	2.84	2.78	2.75	2.66	2.58
	.001	5.13	4.87	4.59	4.42	4.30	4.15	4.06	4.00	3.84	3.69

附表7 (續)

m	α	n									
		1	2	3	4	5	6	7	8	9	10
19	.100	2.99	2.61	2.40	2.27	2.18	2.11	2.06	2.02	1.98	1.96
	.050	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38
	.025	5.92	4.51	3.90	3.56	3.33	3.17	3.05	2.96	2.88	2.82
	.010	8.18	5.93	5.01	4.50	4.17	3.94	3.77	3.63	3.52	3.43
	.001	15.08	10.16	8.28	7.27	6.62	6.18	5.85	5.59	5.39	5.22
20	.100	2.97	2.59	2.38	2.25	2.16	2.09	2.04	2.00	1.96	1.94
	.050	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35
	.025	5.87	4.46	3.86	3.51	3.29	3.13	3.01	2.91	2.84	2.77
	.010	8.10	5.85	4.94	4.43	4.10	3.87	3.70	3.56	3.46	3.37
	.001	14.82	9.95	8.10	7.10	6.46	6.02	5.69	5.44	5.24	5.08
21	.100	2.96	2.57	2.36	2.23	2.14	2.08	2.02	1.98	1.95	1.92
	.050	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32
	.025	5.83	4.42	3.82	3.48	3.25	3.09	2.97	2.87	2.80	2.73
	.010	8.02	5.78	4.87	4.37	4.04	3.81	3.64	3.51	3.40	3.31
	.001	14.59	9.77	7.94	6.95	6.32	5.88	5.56	5.31	5.11	4.95
22	.100	2.95	2.56	2.35	2.22	2.13	2.06	2.01	1.97	1.93	1.90
	.050	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30
	.025	5.79	4.38	3.78	3.44	3.22	3.05	2.93	2.84	2.76	2.70
	.010	7.95	5.72	4.82	4.31	3.99	3.76	3.59	3.45	3.35	3.26
	.001	14.38	9.61	7.80	6.81	6.19	5.76	5.44	5.19	4.99	4.83
23	.100	2.94	2.55	2.34	2.21	2.11	2.05	1.99	1.95	1.92	1.89
	.050	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27
	.025	5.75	4.35	3.75	3.41	3.18	3.02	2.90	2.81	2.73	2.67
	.010	7.88	5.66	4.76	4.26	3.94	3.71	3.54	3.41	3.30	3.21
	.001	14.20	9.47	7.67	6.70	6.08	5.65	5.33	5.09	4.89	4.73
24	.100	2.93	2.54	2.33	2.19	2.10	2.04	1.98	1.94	1.91	1.88
	.050	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25
	.025	5.72	4.32	3.72	3.38	3.15	2.99	2.87	2.78	2.70	2.64
	.010	7.82	5.61	4.72	4.22	3.90	3.67	3.50	3.36	3.26	3.17
	.001	14.03	9.34	7.55	6.59	5.98	5.55	5.23	4.99	4.80	4.64
25	.100	2.92	2.53	2.32	2.18	2.09	2.02	1.97	1.93	1.89	1.87
	.050	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24
	.025	5.69	4.29	3.69	3.35	3.13	2.97	2.85	2.75	2.68	2.61
	.010	7.77	5.57	4.68	4.18	3.85	3.63	3.46	3.32	3.22	3.13
	.001	13.88	9.22	7.45	6.49	5.89	5.46	5.15	4.91	4.71	4.56
26	.100	2.91	2.52	2.31	2.17	2.08	2.01	1.96	1.92	1.88	1.86
	.050	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22
	.025	5.66	4.27	3.67	3.33	3.10	2.94	2.82	2.73	2.65	2.59
	.010	7.72	5.53	4.64	4.14	3.82	3.59	3.42	3.29	3.18	3.09
	.001	13.74	9.12	7.36	6.41	5.80	5.38	5.07	4.83	4.64	4.48
27	.100	2.90	2.51	2.30	2.17	2.07	2.00	1.95	1.91	1.87	1.85
	.050	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20
	.025	5.63	4.24	3.65	3.31	3.08	2.92	2.80	2.71	2.63	2.57
	.010	7.68	5.49	4.60	4.11	3.78	3.56	3.39	3.26	3.15	3.06
	.001	13.61	9.02	7.27	6.33	5.73	5.31	5.00	4.76	4.57	4.41
28	.100	2.89	2.50	2.29	2.16	2.06	2.00	1.94	1.90	1.87	1.84
	.050	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19
	.025	5.61	4.22	3.63	3.29	3.06	2.90	2.78	2.69	2.61	2.55
	.010	7.64	5.45	4.57	4.07	3.75	3.53	3.36	3.23	3.12	3.03
	.001	13.50	8.93	7.19	6.25	5.66	5.24	4.93	4.69	4.50	4.35

附表7 (續)

m	α	n									
		12	15	20	25	30	40	50	60	120	1,000
19	.100	1.91	1.86	1.81	1.78	1.76	1.73	1.71	1.70	1.67	1.64
	.050	2.31	2.23	2.16	2.11	2.07	2.03	2.00	1.98	1.93	1.88
	.025	2.72	2.62	2.51	2.44	2.39	2.33	2.30	2.27	2.20	2.14
	.010	3.30	3.15	3.00	2.91	2.84	2.76	2.71	2.67	2.58	2.50
	.001	4.97	4.70	4.43	4.26	4.14	3.99	3.90	3.84	3.68	3.53
20	.100	1.89	1.84	1.79	1.76	1.74	1.71	1.69	1.68	1.64	1.61
	.050	2.28	2.20	2.12	2.07	2.04	1.99	1.97	1.95	1.90	1.85
	.025	2.68	2.57	2.46	2.40	2.35	2.29	2.25	2.22	2.16	2.09
	.010	3.23	3.09	2.94	2.84	2.78	2.69	2.64	2.61	2.52	2.43
	.001	4.82	4.56	4.29	4.12	4.00	3.86	3.77	3.70	3.54	3.40
21	.100	1.87	1.83	1.78	1.74	1.72	1.69	1.67	1.66	1.62	1.59
	.050	2.25	2.18	2.10	2.05	2.01	1.96	1.94	1.92	1.87	1.82
	.025	2.64	2.53	2.42	2.36	2.31	2.25	2.21	2.18	2.11	2.05
	.010	3.17	3.03	2.88	2.79	2.72	2.64	2.58	2.55	2.46	2.37
	.001	4.70	4.44	4.17	4.00	3.88	3.74	3.64	3.58	3.42	3.28
22	.100	1.86	1.81	1.76	1.73	1.70	1.67	1.65	1.64	1.60	1.57
	.050	2.23	2.15	2.07	2.02	1.98	1.94	1.91	1.89	1.84	1.79
	.025	2.60	2.50	2.39	2.32	2.27	2.21	2.17	2.14	2.08	2.01
	.010	3.12	2.98	2.83	2.73	2.67	2.58	2.53	2.50	2.40	2.32
	.001	4.58	4.33	4.06	3.89	3.78	3.63	3.54	3.48	3.32	3.17
23	.100	1.84	1.80	1.74	1.71	1.69	1.66	1.64	1.62	1.59	1.55
	.050	2.20	2.13	2.05	2.00	1.96	1.91	1.88	1.86	1.81	1.76
	.025	2.57	2.47	2.36	2.29	2.24	2.18	2.14	2.11	2.04	1.98
	.010	3.07	2.93	2.78	2.69	2.62	2.54	2.48	2.45	2.35	2.27
	.001	4.48	4.23	3.96	3.79	3.68	3.53	3.44	3.38	3.22	3.08
24	.100	1.83	1.78	1.73	1.70	1.67	1.64	1.62	1.61	1.57	1.54
	.050	2.18	2.11	2.03	1.97	1.94	1.89	1.86	1.84	1.79	1.74
	.025	2.54	2.44	2.33	2.26	2.21	2.15	2.11	2.08	2.01	1.94
	.010	3.03	2.89	2.74	2.64	2.58	2.49	2.44	2.40	2.31	2.22
	.001	4.39	4.14	3.87	3.71	3.59	3.45	3.36	3.29	3.14	2.99
25	.100	1.82	1.77	1.72	1.68	1.66	1.63	1.61	1.59	1.56	1.52
	.050	2.16	2.09	2.01	1.96	1.92	1.87	1.84	1.82	1.77	1.72
	.025	2.51	2.41	2.30	2.23	2.18	2.12	2.08	2.05	1.98	1.91
	.010	2.99	2.85	2.70	2.60	2.54	2.45	2.40	2.36	2.27	2.18
	.001	4.31	4.06	3.79	3.63	3.52	3.37	3.28	3.22	3.06	2.91
26	.100	1.81	1.76	1.71	1.67	1.65	1.61	1.59	1.58	1.54	1.51
	.050	2.15	2.07	1.99	1.94	1.90	1.85	1.82	1.80	1.75	1.70
	.025	2.49	2.39	2.28	2.21	2.16	2.09	2.05	2.03	1.95	1.89
	.010	2.96	2.81	2.66	2.57	2.50	2.42	2.36	2.33	2.23	2.14
	.001	4.24	3.99	3.72	3.56	3.44	3.30	3.21	3.15	2.99	2.84
27	.100	1.80	1.75	1.70	1.66	1.64	1.60	1.58	1.57	1.53	1.50
	.050	2.13	2.06	1.97	1.92	1.88	1.84	1.81	1.79	1.73	1.68
	.025	2.47	2.36	2.25	2.18	2.13	2.07	2.03	2.00	1.93	1.86
	.010	2.93	2.78	2.63	2.54	2.47	2.38	2.33	2.29	2.20	2.11
	.001	4.17	3.92	3.66	3.49	3.38	3.23	3.14	3.08	2.92	2.78
28	.100	1.79	1.74	1.69	1.65	1.63	1.59	1.57	1.56	1.52	1.48
	.050	2.12	2.04	1.96	1.91	1.87	1.82	1.79	1.77	1.71	1.66
	.025	2.45	2.34	2.23	2.16	2.11	2.05	2.01	1.98	1.91	1.84
	.010	2.90	2.75	2.60	2.51	2.44	2.35	2.30	2.26	2.17	2.08
	.001	4.11	3.86	3.60	3.43	3.32	3.18	3.09	3.02	2.86	2.72

附表7 (續)

m	α	n									
		1	2	3	4	5	6	7	8	9	10
29	.100	2.89	2.50	2.28	2.15	2.06	1.99	1.93	1.89	1.86	1.83
	.050	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18
	.025	5.59	4.20	3.61	3.27	3.04	2.88	2.76	2.67	2.59	2.53
	.010	7.60	5.42	4.54	4.04	3.73	3.50	3.33	3.20	3.09	3.00
	.001	13.39	8.85	7.12	6.19	5.59	5.18	4.87	4.64	4.45	4.29
30	.100	2.88	2.49	2.28	2.14	2.05	1.98	1.93	1.88	1.85	1.82
	.050	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16
	.025	5.57	4.18	3.59	3.25	3.03	2.87	2.75	2.65	2.57	2.51
	.010	7.56	5.39	4.51	4.02	3.70	3.47	3.30	3.17	3.07	2.98
	.001	13.29	8.77	7.05	6.12	5.53	5.12	4.82	4.58	4.39	4.24
40	.100	2.84	2.44	2.23	2.09	2.00	1.93	1.87	1.83	1.79	1.76
	.050	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08
	.025	5.42	4.05	3.46	3.13	2.90	2.74	2.62	2.53	2.45	2.39
	.010	7.31	5.18	4.31	3.83	3.51	3.29	3.12	2.99	2.89	2.80
	.001	12.61	8.25	6.59	5.70	5.13	4.73	4.44	4.21	4.02	3.87
50	.100	2.81	2.41	2.20	2.06	1.97	1.90	1.84	1.80	1.76	1.73
	.050	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03
	.025	5.34	3.97	3.39	3.05	2.83	2.67	2.55	2.46	2.38	2.32
	.010	7.17	5.06	4.20	3.72	3.41	3.19	3.02	2.89	2.78	2.70
	.001	12.22	7.96	6.34	5.46	4.90	4.51	4.22	4.00	3.82	3.67
60	.100	2.79	2.39	2.18	2.04	1.95	1.87	1.82	1.77	1.74	1.71
	.050	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99
	.025	5.29	3.93	3.34	3.01	2.79	2.63	2.51	2.41	2.33	2.27
	.010	7.08	4.98	4.13	3.65	3.34	3.12	2.95	2.82	2.72	2.63
	.001	11.97	7.77	6.17	5.31	4.76	4.37	4.09	3.86	3.69	3.54
100	.100	2.76	2.36	2.14	2.00	1.91	1.83	1.78	1.73	1.69	1.66
	.050	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.97	1.93
	.025	5.18	3.83	3.25	2.92	2.70	2.54	2.42	2.32	2.24	2.18
	.010	6.90	4.82	3.98	3.51	3.21	2.99	2.82	2.69	2.59	2.50
	.001	11.50	7.41	5.86	5.02	4.48	4.11	3.83	3.61	3.44	3.30
200	.100	2.73	2.33	2.11	1.97	1.88	1.80	1.75	1.70	1.66	1.63
	.050	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.98	1.93	1.88
	.025	5.10	3.76	3.18	2.85	2.63	2.47	2.35	2.26	2.18	2.11
	.010	6.76	4.71	3.88	3.41	3.11	2.89	2.73	2.60	2.50	2.41
	.001	11.15	7.15	5.63	4.81	4.29	3.92	3.65	3.43	3.26	3.12
1,000	.100	2.71	2.31	2.09	1.95	1.85	1.78	1.72	1.68	1.64	1.61
	.050	3.85	3.00	2.61	2.38	2.22	2.11	2.02	1.95	1.89	1.84
	.025	5.04	3.70	3.13	2.80	2.58	2.42	2.30	2.20	2.13	2.06
	.010	6.66	4.63	3.80	3.34	3.04	2.82	2.66	2.53	2.43	2.34
	.001	10.89	6.96	5.46	4.65	4.14	3.78	3.51	3.30	3.13	2.99

附表7 (續)

m	α	n									
		12	15	20	25	30	40	50	60	120	1,000
29	.100	1.78	1.73	1.68	1.64	1.62	1.58	1.56	1.55	1.51	1.47
	.050	2.10	2.03	1.94	1.89	1.85	1.81	1.77	1.75	1.70	1.65
	.025	2.43	2.32	2.21	2.14	2.09	2.03	1.99	1.96	1.89	1.82
	.010	2.87	2.73	2.57	2.48	2.41	2.33	2.27	2.23	2.14	2.05
	.001	4.05	3.80	3.54	3.38	3.27	3.12	3.03	2.97	2.81	2.66
30	.100	1.77	1.72	1.67	1.63	1.61	1.57	1.55	1.54	1.50	1.46
	.050	2.09	2.01	1.93	1.88	1.84	1.79	1.76	1.74	1.68	1.63
	.025	2.41	2.31	2.20	2.12	2.07	2.01	1.97	1.94	1.87	1.80
	.010	2.84	2.70	2.55	2.45	2.39	2.30	2.25	2.21	2.11	2.02
	.001	4.00	3.75	3.49	3.33	3.22	3.07	2.98	2.92	2.76	2.61
40	.100	1.71	1.66	1.61	1.57	1.54	1.51	1.48	1.47	1.42	1.38
	.050	2.00	1.92	1.84	1.78	1.74	1.69	1.66	1.64	1.58	1.52
	.025	2.29	2.18	2.07	1.99	1.94	1.88	1.83	1.80	1.72	1.65
	.010	2.66	2.52	2.37	2.27	2.20	2.11	2.06	2.02	1.92	1.82
	.001	3.64	3.40	3.14	2.98	2.87	2.73	2.64	2.57	2.41	2.25
50	.100	1.68	1.63	1.57	1.53	1.50	1.46	1.44	1.42	1.38	1.33
	.050	1.95	1.87	1.78	1.73	1.69	1.63	1.60	1.58	1.51	1.45
	.025	2.22	2.11	1.99	1.92	1.87	1.80	1.75	1.72	1.64	1.56
	.010	2.56	2.42	2.27	2.17	2.10	2.01	1.95	1.91	1.80	1.70
	.001	3.44	3.20	2.95	2.79	2.68	2.53	2.44	2.38	2.21	2.05
60	.100	1.66	1.60	1.54	1.50	1.48	1.44	1.41	1.40	1.35	1.30
	.050	1.92	1.84	1.75	1.69	1.65	1.59	1.56	1.53	1.47	1.40
	.025	2.17	2.06	1.94	1.87	1.82	1.74	1.70	1.67	1.58	1.49
	.010	2.50	2.35	2.20	2.10	2.03	1.94	1.88	1.84	1.73	1.62
	.001	3.32	3.08	2.83	2.67	2.55	2.41	2.32	2.25	2.08	1.92
100	.100	1.61	1.56	1.49	1.45	1.42	1.38	1.35	1.34	1.28	1.22
	.050	1.85	1.77	1.68	1.62	1.57	1.52	1.48	1.45	1.38	1.30
	.025	2.08	1.97	1.85	1.77	1.71	1.64	1.59	1.56	1.46	1.36
	.010	2.37	2.22	2.07	1.97	1.89	1.80	1.74	1.69	1.57	1.45
	.001	3.07	2.84	2.59	2.43	2.32	2.17	2.08	2.01	1.83	1.64
200	.100	1.58	1.52	1.46	1.41	1.38	1.34	1.31	1.29	1.23	1.16
	.050	1.80	1.72	1.62	1.56	1.52	1.46	1.41	1.39	1.30	1.21
	.025	2.01	1.90	1.78	1.70	1.64	1.56	1.51	1.47	1.37	1.25
	.010	2.27	2.13	1.97	1.87	1.79	1.69	1.63	1.58	1.45	1.30
	.001	2.90	2.67	2.42	2.26	2.15	2.00	1.90	1.83	1.64	1.43
1,000	.100	1.55	1.49	1.43	1.38	1.35	1.30	1.27	1.25	1.18	1.08
	.050	1.76	1.68	1.58	1.52	1.47	1.41	1.36	1.33	1.24	1.11
	.025	1.96	1.85	1.72	1.64	1.58	1.50	1.45	1.41	1.29	1.13
	.010	2.20	2.06	1.90	1.79	1.72	1.61	1.54	1.50	1.35	1.16
	.001	2.77	2.54	2.30	2.14	2.02	1.87	1.77	1.69	1.49	1.22

附表8 威爾寇克遜符號-秩檢定滿足 $P(W \leq w_\alpha) \leq \alpha$ 之 w_α 之值

n	α						
	0.005	0.01	0.025	0.05	0.10	0.20	0.50
4					0	2	4
5				0	2	3	7
6			0	2	3	5	10
7		0	2	3	5	8	13
8	0	1	3	5	8	11	17
9	1	3	5	8	10	14	22
10	3	5	8	10	14	18	27
11	5	7	10	13	17	22	32
12	7	9	13	17	21	27	38
13	9	12	17	21	26	32	45
14	12	15	21	25	31	38	52
15	15	19	25	30	36	44	59
16	19	23	29	35	42	50	67
17	23	27	34	41	48	57	76
18	27	32	40	47	55	65	85
19	32	37	46	53	62	73	94
20	37	43	52	60	69	81	104

附表9 門-懷特尼統計量 $P(U \leq u)$, 其中 $m = \min\{n_1, n_2\}$,
 $n = \max\{n_1, n_2\}$, $2 \leq m \leq n \leq 8$

u	$m = 2$							3					
	n	3	4	5	6	7	8	3	4	5	6	7	8
0		0.100	0.067	0.047	0.036	0.028	0.022	0.050	0.028	0.018	0.012	0.008	0.006
1		0.200	0.133	0.095	0.071	0.056	0.044	0.100	0.057	0.036	0.024	0.017	0.012
2		0.400	0.267	0.190	0.143	0.111	0.089	0.200	0.114	0.071	0.048	0.033	0.024
3		0.600	0.400	0.286	0.214	0.167	0.133	0.350	0.200	0.125	0.083	0.058	0.042
4			0.600	0.429	0.321	0.250	0.200	0.500	0.314	0.196	0.131	0.092	0.067
5				0.571	0.429	0.333	0.267	0.650	0.429	0.286	0.190	0.133	0.097

u	$m = 4$						5				6		
	n	4	5	6	7	8	5	6	7	8	6	7	8
0		0.014	0.008	0.005	0.003	0.002	0.004	0.002	0.001	0.001	0.001	0.001	0.000
1		0.029	0.016	0.010	0.006	0.004	0.008	0.004	0.003	0.002	0.002	0.001	0.001
2		0.057	0.032	0.019	0.012	0.008	0.016	0.009	0.005	0.003	0.004	0.002	0.001
3		0.100	0.056	0.033	0.021	0.014	0.028	0.015	0.009	0.005	0.008	0.004	0.002
4		0.171	0.095	0.057	0.036	0.024	0.048	0.026	0.015	0.009	0.013	0.007	0.004
5		0.243	0.143	0.086	0.055	0.036	0.075	0.041	0.024	0.015	0.021	0.011	0.006
6		0.343	0.206	0.129	0.082	0.055	0.111	0.063	0.037	0.023	0.032	0.017	0.010
7		0.443	0.278	0.176	0.115	0.077	0.155	0.089	0.053	0.033	0.047	0.026	0.015
8		0.557	0.365	0.238	0.158	0.107	0.210	0.123	0.074	0.047	0.066	0.037	0.021
9			0.452	0.305	0.206	0.141	0.274	0.165	0.101	0.064	0.090	0.051	0.030
10			0.548	0.381	0.264	0.184	0.345	0.214	0.134	0.085	0.120	0.069	0.041
11				0.457	0.324	0.230	0.421	0.268	0.172	0.111	0.155	0.090	0.054
12				0.545	0.394	0.285	0.500	0.331	0.216	0.142	0.197	0.117	0.071
13					0.464	0.341	0.579	0.396	0.265	0.177	0.242	0.147	0.091
14					0.538	0.404		0.465	0.319	0.217	0.294	0.183	0.114

u	$m = 7$			8
	n	7	8	8
0		0.000	0.000	0.000
1		0.001	0.000	0.000
2		0.001	0.001	0.000
3		0.002	0.001	0.001
4		0.003	0.002	0.001
5		0.006	0.003	0.001
6		0.009	0.005	0.002
7		0.013	0.007	0.003
8		0.019	0.010	0.005
9		0.027	0.014	0.007
10		0.036	0.020	0.010

u	$m = 7$			8
	n	7	8	8
11		0.049	0.027	0.014
12		0.064	0.036	0.019
13		0.082	0.047	0.025
14		0.104	0.060	0.032
15		0.130	0.076	0.041
16		0.159	0.095	0.052
17		0.191	0.116	0.065
18		0.228	0.140	0.080
18		0.267	0.168	0.097
20		0.310	0.198	0.117
21		0.355	0.232	0.139

附表9A 門-懷特尼統計量滿足 $P(U \leq u_\alpha) \leq \alpha$ 之 u_α 值, 其中 $m = \min\{n_1, n_2\}$, $n = \max\{n_1, n_2\}$, $2 \leq m \leq n \leq 20$

	$m = 2$						$m = 3$						
α	$n = 9$	10	11	12	13	14	9	10	11	12	13	14	
0.01					0	0	1	1	1	2	2	2	
0.025	0	0	0	1	1	1	2	3	3	4	4	5	
0.05	1	1	1	2	2	3	4	4	5	5	6	7	
0.10	2	3	3	4	4	4	5	6	7	8	9	10	
	$m = 4$						$m = 5$						
0.01	3	3	4	5	5	6	5	6	7	8	9	10	
0.025	4	5	6	7	8	9	7	8	9	11	12	13	
0.05	6	7	8	9	10	11	9	11	12	13	15	16	
0.10	9	10	11	12	13	15	12	13	15	17	18	20	
	$m = 6$						$m = 7$						
0.01	7	8	9	11	12	13	9	11	12	14	16	17	
0.025	10	11	13	14	16	17	12	14	16	18	20	22	
0.05	12	14	16	17	19	21	15	17	19	21	24	26	
0.10	15	17	19	21	23	25	18	21	23	26	28	31	
	$m = 8$						$m = 9$						
0.01	11	13	15	17	20	22	14	16	18	21	23	26	
0.025	15	17	19	22	24	26	17	20	23	26	28	31	
0.05	18	20	23	26	28	31	21	24	27	30	33	36	
0.10	22	24	27	30	33	36	25	28	31	35	38	41	
	$m = 10$						$m = 11$				$m = 12$		
	$n = 10$	11	12	13	14		11	12	13	14	12	13	14
0.01	19	22	24	27	30		25	28	31	34	31	35	38
0.025	23	26	29	33	36		30	33	37	40	37	41	45
0.05	27	31	34	37	41		34	38	42	46	42	47	51
0.10	32	36	39	43	47		40	44	48	52	49	53	58
	$m = 13$												
	$n = 13$	14	14	15	20								
0.01	39	43	47	56	114								
0.025	45	50	55	64	127								
0.05	51	56	61	72	138								
0.10	58	63	69	80	151								

$$u_\alpha \doteq \frac{n_1 n_2}{2} - z_{1-\alpha} \sqrt{n_1 n_2 (n_1 + n_2 + 1)/12}$$

附表10 希臘字母表

希臘字母	英文讀音	希臘字母	英文讀音	希臘字母	英文讀音
$A \alpha$	alpha	$I \iota$	iota	$P \rho$	rho
$B \beta$	beta	$K \kappa$	kappa	$\Sigma \sigma$	sigma
$\Gamma \gamma$	gamma	$\Lambda \lambda$	lambda	$T \tau$	tau
$\Delta \delta$	delta	$M \mu$	mu	$Y \upsilon$	upsilon
$E \epsilon$	epsilon	$N \nu$	nu	$\Phi \phi$	phi
$Z \zeta$	zeta	$\Xi \xi$	xi	$X \chi$	chi
$H \eta$	eta	$O \omicron$	omicron	$\Psi \psi$	psi
$\Theta \theta$	theta	$\Pi \pi$	pi	$\Omega \omega$	omega