

Roll No.							

# PRESIDENCY UNIVERSITY BENGALURU SCHOOL OF ENGINEERING

		Test - 1	
Winter Semester: 2	2021-22		Date: 27th April 2022
Course Code: CIV	2004		Time: 10:00 AM to 11:00 AM
Course Name: Inte	grated Project	Management	Max Marks: 30
Program & Sem: B	.Tech & VI Se	mester	Weightage: 15%
Instructio	ns:		
(i)	Read the quest	tion properly and answer acc	ordingly.
(ii)	Question pape	r consists of 3 parts.	
		A [Memory Recall Questi	-
Choose the cor (8Qx1M=8M)	rect answer.	. Each question carries C	NE mark.
Project manage construction project a) Time rescue     C) Material rescuessions	ect? ource	med at managing which of b) Cost resource d) All of the above	f the following resources in a (C.O.NO. 1) [Knowledge]
Project manag     a) Science	gement is a _ b) Art	of managing differe	nt resources in a project. (C.O.NO. 1) [Knowledge] d) None of the above
	uration and t	•	delayed without affecting the eeding activities is known as (C.O.NO. 2) [Knowledge]
c) Independe		d) Interference float	
a) To logical b) To show s c) To provide	ly subdivide a sequence bet e a pictorial re	OT the purpose of preparing all the work-elements of the tween all the activities involved appresentation of work eleming of activities.	e project. Ived in the project.
5. The correct or	der of life cyc	(C.O.NO. 1) [Knowledge]	

- a) Conceptualization→Planning→ Execution→Termination
  - b) Planning → Conceptualization → Execution → Termination
  - c) Execution → Conceptualization → Planning → Termination
  - d) Conceptualization → Execution → Planning → Termination

	(C.O.NO.2) [Knowledge]
b) Production activities	
d) none of the above	
always	(C.O.NO. 2) [Knowledge]
b) Negative	
d) can't say	
gress reports are the deliv	verables from
fe cycle.	(C.O.NO.1) [Knowledge]
b) Planning	
d) Termination	
Thought Provoking Ques	stions]
	always  b) Negative d) can't say gress reports are the delivered for the delivered by Planning

#### Answer all the Questions. Each question carries FIVE marks. (2Qx5M=10M)

9. In a project review meeting, Project stakeholders such as owner and investors wanted to know about the tools discussed in the meeting. Define and explain the following terms (with examples) referred to in the meeting.

(C.O.NO.2) [Comprehension]

a) Work breakdown structure

b) Activities in construction and types.

10. You have been assigned to take up a project, as a project manager who is expected to manage a project efficiently it is important for you to know the various phases of the project. Enlist and explain various phases in life cycle of a project (including all the activities performed in individual phases).

(C.O.NO.1) [Comprehension]

## Part C [Problem Solving Questions] Answer the Question. Question carries TWELVE marks. (1Qx12M=12M)

11. Details of a project consisting of 9 activities is given in Table below. As a planning manager you are asked to determine the time duration required to complete this project and critical activities of project. Prepare a network diagram and furnish the required deliverables. Also, Determine total float, free float.

(C.O.No. 2) [Application]

Activity	Duration (days)	Predecessor activity
Α	10	-
В	5	-
С	8	-
D	5	A
Е	1	B,C
F	15	E,D
G	2	С
Н	45	F,G
I	5	Н



Roll No.							

### PRESIDENCY UNIVERSITY **BENGALURU** SCHOOL OF ENGINEERING

Test - 2

Date: 2<sup>nd</sup> June 2022 Winter Semester: 2021-22 Course Code: CIV 2004 Time: 10:00 AM to 11:00 AM **Course Name**: Integrated Project Management Max Marks: 30 Program & Sem: B.Tech & VI Sem Weightage: 15% Instructions: Read the question properly and answer all the questions accordingly. (iii) DONOT round off the values of activity duration in Part C. (iv)Part A [Memory Recall Questions] Choose the correct answer. Each question carries ONE mark. (8Qx1M=8M)1. The abbreviation of planning technique PERT is \_\_\_\_\_. (C.O.NO. 2) [Knowledge] a) Program Evaluation and Rate Technique b) Project Evaluation and Review Technique c) Program Evaluation and Robot Technique d) Program Evaluation and Review Technique 2. The shortest possible time estimate in which an activity can be achieved under ideal circumstances is known as \_\_\_\_\_ (C.O.NO. 2) [Knowledge] a) Pessimistic time estimate b) Optimistic time estimate c) Expected time d) most likely time estimate

[Knowledge]

a) Normal distribution

b) Beta distribution

c) Binomial distribution

- d) none of the above
- 4. Activities A, B, and C are the immediate predecessors for Y activity. If the earliest finishing time for the three activities A, B, C are 12, 15, and 10, then what will be the earliest starting time for Y? (C.O.NO. 2)

[Knowledge]

- a) 10
- b) 12
- c) 15

3. In PERT it is assumed that Activity duration are probabilistic and follows

- d) cannot be determined
- 5. In the process of reducing the project duration the direct costs of the project will (C.O.NO. 3)

[Knowledge]

a) Decrease

b) Remain same

c) Increase

Increase initially then d) and

decrease.

(C.O.NO.

2)

6. Resource smoothening is a a) Time	constraint resource optimization technique. b) Cost	
c) Resource	d) Quality (C.O.NO.	3)
[Knowledge]	,	•
7. Which of the following is NOT correct		
	(C.O.NO. 3	3)
,	decrease in the process of crashing.  of one activity results in reduction of project	ct
8. In earned value analysis we can con	clude that the project is behind the schedule (C.O.NO.	if 3)
[Knowledge] a) Schedule variance is positive c) Cost variance is positive	<ul><li>b) SPI is greater than 1</li><li>d) Schedule variance is negative</li></ul>	

#### Part B [Thought Provoking Questions]

# Answer all the Questions. Each question carries FIVE marks. (2Qx5M=10M)

9. Resource optimization in project management is needed when resources have been over allocated or when certain resources are available in limited quantities, while the CPM schedule demands more than the available quantities. Resource levelling and smoothening are two such optimization techniques. Differentiate between these two techniques. (C.O.NO.3)

[Comprehension]

10. Project crashing refers to the process of shortening the duration of the project by reducing the duration of a number of activities. It is done in order to meet project deadlines or to fast-track the project that has been delayed. Explain the variation of costs of project during crashing with the help of a curve.

(C.O.NO.3) [Comprehension]

#### **Part C [Problem Solving Questions]**

# Answer the Question. The question carries TWELVE marks. (1Qx12M=12M)

11. PERT analysis is a planning technique with the probabilistic approach which accounts for uncertainties associated with every activity. Table below has details of a project having various time estimates for activities involved in the project.

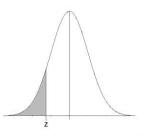
(C.O.No. 2) [Application]

- a) Determine expected duration of activities and mean value of project duration.
- b) Calculate the probability and risk of completing the project within 79 days.

A ativity	Duodossau		Duration (days)					
Activity	Predecessor	Optimistic	Most likely	Pessimistic				

Α	~	4	6	7
В	Α	14	20	40
С	Α	10	15	20
D	В	17	25	55
E	С	10	14	20
F	D	8	12	20
G	E	25	30	50
Н	F,G	4	6	7

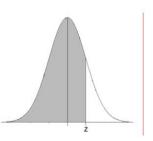
### **Standard Normal Cumulative Probability Table**



Cumulative probabilities for NEGATIVE z-values are shown in the following table:

Z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
-3.4	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0002
-3.3	0.0005	0.0005	0.0005	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0003
-3.2	0.0007	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005
-3.1	0.0010	0.0009	0.0009	0.0009	0.0008	0.0008	0.0008	0.0008	0.0007	0.0007
-3.0	0.0013	0.0013	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0010	0.0010
-2.9	0.0019	0.0018	0.0018	0.0017	0.0016	0.0016	0.0015	0.0015	0.0014	0.0014
-2.8	0.0026	0.0025	0.0024	0.0023	0.0023	0.0022	0.0021	0.0021	0.0020	0.0019
-2.7	0.0035	0.0034	0.0033	0.0032	0.0031	0.0030	0.0029	0.0028	0.0027	0.0026
-2.6	0.0047	0.0045	0.0044	0.0043	0.0041	0.0040	0.0039	0.0038	0.0037	0.0036
-2.5	0.0062	0.0060	0.0059	0.0057	0.0055	0.0054	0.0052	0.0051	0.0049	0.0048
-2.4	0.0082	0.0080	0.0078	0.0075	0.0073	0.0071	0.0069	0.0068	0.0066	0.0064
-2.4 -2.3	0.0082	0.0080	0.0078	0.0075	0.0073	0.0071	0.0069	0.0089	0.0087	0.0084
-2.3 -2.2	0.0107	0.0104	0.0102	0.0099	0.0096	0.0094	0.0091	0.0069	0.0067	0.0064
-2.2 -2.1	0.0139	0.0136	0.0132	0.0129	0.0123	0.0122	0.0119	0.0110	0.0113	0.0110
-2.1 -2.0	0.0179	0.0174	0.0170	0.0100	0.0102	0.0138	0.0197	0.0192	0.0148	0.0143
-2.0	0.0226	0.0222	0.0217	0.0212	0.0207	0.0202	0.0197	0.0192	0.0100	0.0103
-1.9	0.0287	0.0281	0.0274	0.0268	0.0262	0.0256	0.0250	0.0244	0.0239	0.0233
-1.8	0.0359	0.0351	0.0344	0.0336	0.0329	0.0322	0.0314	0.0307	0.0301	0.0294
-1.7	0.0446	0.0436	0.0427	0.0418	0.0409	0.0401	0.0392	0.0384	0.0375	0.0367
-1.6	0.0548	0.0537	0.0526	0.0516	0.0505	0.0495	0.0485	0.0475	0.0465	0.0455
-1.5	0.0668	0.0655	0.0643	0.0630	0.0618	0.0606	0.0594	0.0582	0.0571	0.0559
-1.4	0.0808	0.0793	0.0778	0.0764	0.0749	0.0735	0.0721	0.0708	0.0694	0.0681
-1.3	0.0968	0.0951	0.0934	0.0918	0.0901	0.0885	0.0869	0.0853	0.0838	0.0823
-1.2	0.1151	0.1131	0.1112	0.1093	0.1075	0.1056	0.1038	0.1020	0.1003	0.0985
-1.1	0.1357	0.1335	0.1314	0.1292	0.1271	0.1251	0.1230	0.1210	0.1190	0.1170
-1.0	0.1587	0.1562	0.1539	0.1515	0.1492	0.1469	0.1446	0.1423	0.1401	0.1379
1000144	000000000000000000000000000000000000000	10-201-0 (201-0 100) - 1-1-1	200 200 200 200	10.000 2000 2000 2000	/C44 - \$300-754-0065	100 DOM: 100 OF	988000000000000000000000000000000000000	\$700 Y \$\$\$7 \$\$\$2.50 \$V\$\$	1000 1000 1000	NOV MISSELLIV
-0.9	0.1841	0.1814	0.1788	0.1762	0.1736	0.1711	0.1685	0.1660	0.1635	0.1611
-0.8	0.2119	0.2090	0.2061	0.2033	0.2005	0.1977	0.1949	0.1922	0.1894	0.1867
-0.7	0.2420	0.2389	0.2358	0.2327	0.2296	0.2266	0.2236	0.2206	0.2177	0.2148
-0.6	0.2743	0.2709	0.2676	0.2643	0.2611	0.2578	0.2546	0.2514	0.2483	0.2451
-0.5	0.3085	0.3050	0.3015	0.2981	0.2946	0.2912	0.2877	0.2843	0.2810	0.2776
-0.4	0.3446	0.3409	0.3372	0.3336	0.3300	0.3264	0.3228	0.3192	0.3156	0.3121
-0.4	0.3440	0.3409	0.3745	0.3330	0.3669	0.3632	0.3594	0.3192	0.3520	0.3483
-0.3 -0.2	0.3821	0.3783	0.3745	0.3707	0.4052	0.3032	0.3594	0.3936	0.3520	0.3483
-0.2 -0.1	0.4207	0.4168	0.4129	0.4483	0.4443	0.4404	0.3974	0.3936	0.3897	0.3859
-0.1 0.0	0.4602	0.4562	0.4522		0.4443	0.4404	0.4364	0.4325	0.4286	0.4247
0.0	0.5000	0.4900	0.4920	0.4880	0.4040	0.4001	0.4/01	0.4/21	0.4001	U.40 <del>4</del> I

### **Standard Normal Cumulative Probability Table**



Cumulative probabilities for POSITIVE z-values are shown in the following table:

Z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	0.5000	0.5040	0.5080	0.5120	0.5160	0.5199	0.5239	0.5279	0.5319	0.5359
0.1	0.5398	0.5438	0.5478	0.5517	0.5557	0.5596	0.5636	0.5675	0.5714	0.5753
0.2	0.5793	0.5832	0.5871	0.5910	0.5948	0.5987	0.6026	0.6064	0.6103	0.6141
0.3	0.6179	0.6217	0.6255	0.6293	0.6331	0.6368	0.6406	0.6443	0.6480	0.6517
0.4	0.6554	0.6591	0.6628	0.6664	0.6700	0.6736	0.6772	0.6808	0.6844	0.6879
0.5	0.6915	0.6950	0.6985	0.7019	0.7054	0.7088	0.7123	0.7157	0.7190	0.7224
0.6	0.7257	0.7291	0.7324	0.7357	0.7389	0.7422	0.7454	0.7486	0.7517	0.7549
0.7	0.7580	0.7611	0.7642	0.7673	0.7704	0.7734	0.7764	0.7794	0.7823	0.7852
0.8	0.7881	0.7910	0.7939	0.7967	0.7995	0.8023	0.8051	0.8078	0.8106	0.8133
0.9	0.8159	0.8186	0.8212	0.8238	0.8264	0.8289	0.8315	0.8340	0.8365	0.8389
1672	2/2/2/2/2	1211278222	12072391234	10 01920	5 000000	0.0000000	0.000	1900 (190)(190)(1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (19	residence i	1202223
1.0	0.8413	0.8438	0.8461	0.8485	0.8508	0.8531	0.8554	0.8577	0.8599	0.8621
1.1	0.8643	0.8665	0.8686	0.8708	0.8729	0.8749	0.8770	0.8790	0.8810	0.8830
1.2	0.8849	0.8869	0.8888	0.8907	0.8925	0.8944	0.8962	0.8980	0.8997	0.9015
1.3	0.9032	0.9049	0.9066	0.9082	0.9099	0.9115	0.9131	0.9147	0.9162	0.9177
1.4	0.9192	0.9207	0.9222	0.9236	0.9251	0.9265	0.9279	0.9292	0.9306	0.9319
4.5	0.0000	0.0045	0.0057	0.0070	0.0000	0.0004	0.0400	0.0440	0.0400	0.0444
1.5	0.9332	0.9345	0.9357	0.9370	0.9382	0.9394	0.9406	0.9418	0.9429	0.9441
1.6	0.9452	0.9463	0.9474	0.9484	0.9495	0.9505	0.9515	0.9525	0.9535	0.9545
1.7	0.9554	0.9564	0.9573	0.9582	0.9591	0.9599	0.9608	0.9616	0.9625	0.9633
1.8	0.9641	0.9649	0.9656	0.9664	0.9671	0.9678	0.9686	0.9693	0.9699	0.9706
1.9	0.9713	0.9719	0.9726	0.9732	0.9738	0.9744	0.9750	0.9756	0.9761	0.9767
2.0	0.9772	0.9778	0.9783	0.9788	0.9793	0.9798	0.9803	0.9808	0.9812	0.9817
2.1	0.9821	0.9826	0.9830	0.9834	0.9838	0.9842	0.9846	0.9850	0.9854	0.9857
2.2	0.9861	0.9864	0.9868	0.9871	0.9875	0.9878	0.9881	0.9884	0.9887	0.9890
2.3	0.9893	0.9896	0.9898	0.9901	0.9904	0.9906	0.9909	0.9911	0.9913	0.9916
2.4	0.9918	0.9920	0.9922	0.9925	0.9927	0.9929	0.9931	0.9932	0.9934	0.9936
	0.0010	0.0020	0.0022	0.0020	0.0027	0.0020	0.0001	0.0002	0.0001	0.0000
2.5	0.9938	0.9940	0.9941	0.9943	0.9945	0.9946	0.9948	0.9949	0.9951	0.9952
2.6	0.9953	0.9955	0.9956	0.9957	0.9959	0.9960	0.9961	0.9962	0.9963	0.9964
2.7	0.9965	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974
2.8	0.9974	0.9975	0.9976	0.9977	0.9977	0.9978	0.9979	0.9979	0.9980	0.9981
2.9	0.9981	0.9982	0.9982	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986	0.9986
3.0	0.9987	0.9987	0.9987	0.9988	0.9988	0.9989	0.9989	0.9989	0.9990	0.9990
3.1	0.9990	0.9991	0.9991	0.9991	0.9992	0.9992	0.9992	0.9992	0.9993	0.9993
3.2	0.9993	0.9993	0.9994	0.9994	0.9994	0.9994	0.9994	0.9995	0.9995	0.9995
3.3	0.9995	0.9995	0.9995	0.9996	0.9996	0.9996	0.9996	0.9996	0.9996	0.9997
3.4	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9998

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GAIN MORE KNOWLEDGE REACH GREATER HEIGHTS

Roll No

# PRESIDENCY UNIVERSITY BENGALURU

### **SCHOOL OF ENGINEERING**

#### **END TERM EXAMINATION**

Winter Semester: 2021 - 22

Course Code: CIV 2004

Course Name: Integrated Project Management

Program & Sem: B.TECH - VI Sem

**Date**: 1<sup>st</sup> July 2022

**Time**: 09:30 AM to 12:30 PM

Max Marks: 100

Weightage: 50%

#### Instructions:

- (v) Read the all questions carefully and answer accordingly.
- (vi) Standard normal cumulative probability table is provided at the end of the question paper.

### Part A [Memory Recall Questions]

# Answer all the Questions. Each question carries TWO marks. (10Qx 2M= 20M)

The amount of duration by which an activity overall project duration is known as  (C.O.NO. 2) [Knowledge]	
a) Total float	b) Free float
c) Independent float	d) Interference float
<ol> <li>According to the life cycle path of a project required in which phase of the project life cycle (C.O.NO. 1) [Knowledge]</li> </ol>	_
a) Conceptualization	b) Planning
c) Execution	d) Termination
3. The correct order of life cycle of a project is _ 1) [Knowledge]	(C.O.NO.
<ul> <li>a) Conceptualization→Planning→ Execution</li> <li>b) Planning → Conceptualization → Execution</li> <li>c) Execution → Conceptualization→Planning</li> </ul>	tion→Termination

- 4. Which of the following is not the rule to be followed in preparation of work breakdown structure.
  - a) Include 100% of the work necessary to complete the goal.

d) Conceptualization → Execution → Planning → Termination

- b) A work package should take no less than 8 hours and no more than 80 hours of effort.
  - c) All work package should be represented in sequence of execution.

<ul><li>d) Don't account for any amount of work</li><li>2) [Knowledge]</li></ul>	twice. (Mutually exclusive)	(C.O.NO.
5. The longest time estimate in which an acthe possible uncertainties is known as (C.O.NO. 2) [Knowledge]  a) Pessimistic time estimate		-
c) Expected time	d) most likely time estimate	
6. In the process of reducing the project dura	ation the indirect costs of the	project will
(C.O.NO. 3) [Knowledge]		
a) Decrease	b) Remain same	
c) Increase	d) Increase initially	and then
decrease.		
7. In earned value analysis we can concl	lude that the project is ove	r budget if
(C.O.NO. 3) [Knowledge]		
a) Schedule variance is positive	b) CPI is greater than 1	
c) Cost variance is positive	d) Cost variance is negative	⁄e
8. Activities D, E, and F are the immediate su Late start time for these three activities are 2 finish time for B while performing backward p (C.O.NO. 2) [Knowledge]	1, 23, and 27, then what will b	=
a) 21	b) 27	
c) 23	d) 25	
<ul><li>9. A quality assurance program may include</li><li>3) [Knowledge]</li></ul>		(C.O.NO.
a) Training program for workers		
b) Procuring good quality material	annalita anna da	
<ul><li>c) Incentive or reward program for good</li><li>d) All of the above</li></ul>	quality work	
10 is the term related to the control processes are measured. (C.O.NO. 3) [Knowledge]	parameters with respect to w	hich quality
a) Quality economics	b) Quality checks	
c) Quality characteristics	d) none of the above	
=		

### Part B [Thought Provoking Questions]

Answer all the Questions. Each question carries TEN marks. (5Qx10M=50M)

- 11. You have been assigned to take up a project, as a project management professional who is expected to manage a project efficiently it is important for you to know the various phases of the project. Enlist and explain various phases in life cycle of a project (including all the activities performed and reports prepared in individual phases). (C.O.NO.1) [Comprehension]
- 12. Planning techniques have evolved over time and have become sophisticated. Initially planning was done using basic calendars, to do lists etc, which were easier to plan but difficult to track the progress. Henry Gantt introduced Gantt chart which is accepted as a widely used tool for planning, scheduling and tracking project progress. Explain Gantt chart with the help of a neat diagram, delineate its advantages and disadvantages (C.O.NO.2) [Comprehension]
- 13. Project crashing refers to the process of shortening the duration of the project by reducing the duration of a number of activities. It is done in order to meet project deadlines or to fast-track the project that has been delayed. Describe the terms crash cost and crash duration for an activity. Explain the variation of costs of project during crashing with the help of a curve.

(C.O.NO.3) [Comprehension]

- 14. Earned Value Analysis is a tool used for analyzing the status/progress of the project during execution. A project has been started 12 months ago, it has incurred a cost of Rs.15 Lakhs to complete 40% of the work whereas the Allocated cost in the budget for 40% work was Rs. 13 Lakhs. According to the time schedule, in 12 months 43% of project was planned to be completed at a budgeted cost of Rs. 14 Lakhs. Comment on the status of the project using various metrics of Earned value analysis. (C.O.NO.3) [Comprehension]
- 15. Quality management is required to ensure that all project activities that are necessary to design, plan and implement a project are effective with respect to the purpose of the objective and its performance. Explain the following terms with respect to Quality management.

a) Quality characteristics

b) Quality assurance

c) Quality control

d) Quality improvement (C.O.NO.3)

[Comprehension]

#### **Part C [Problem Solving Questions]**

## Answer both the Questions. Each question carries FIFTEEN marks. (2Qx15M=30M)

16. Details of a project consisting of 9 activities is given in Table below. As a planning manager you are asked to determine the time duration required to complete this project and critical activities of project. Prepare a network diagram and furnish the required deliverables. Also, Prepare a representative Gantt chart for the project and Determine total float, free float, independent float and interference float of all non-critical activities. (C.O.No. 2) [Application]

Activity	Predecessor	Time (weeks)
Α	-	2
В	-	3

С	A	2
D	A,B	4
Е	С	4
F	С	3
G	D,E	5
Н	F,G	2

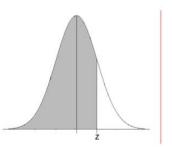
17. PERT analysis is a planning technique with the probabilistic approach which accounts for uncertainties associated with every activity. Table below has details of a project having various time estimates for activities involved in the project.

(C.O.No.2) [Application]

- c) Determine expected duration of activities and mean value of project duration.
- d) Calculate the probability of completing the project within 30 weeks.
- e) Determine the deadline with risk of non-completion being 32%.

Activity code	Predecessor	Time estimates (in weeks)			
Activity code	activity code	Optimistic	Optimistic   Most Likely		
Α	None	2	4	12	
В	None	10	12	26	
С	Α	8	9	10	
D	Α	10	15	20	
E	Α	7	7.5	11	
F	F B,C		9 9		
G	D	3 4		5	
Н	H E,F,G		E,F,G 5 5		5

### **Standard Normal Cumulative Probability Table**



Cumulative probabilities for POSITIVE z-values are shown in the following table:

0.0	z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.1         0.5398         0.5438         0.5478         0.5517         0.5557         0.5596         0.5636         0.5675         0.5714         0.5753           0.2         0.5793         0.5832         0.5871         0.5910         0.5948         0.5987         0.6026         0.6064         0.6143         0.6217         0.6255         0.6293         0.6331         0.6388         0.6406         0.6443         0.6417         0.6255         0.6293         0.6317         0.6255         0.6293         0.6808         0.6406         0.6443         0.6406         0.6443         0.6617           0.4         0.6554         0.6591         0.6828         0.6664         0.6700         0.6736         0.6772         0.6808         0.6444         0.6879           0.5         0.6915         0.8595         0.7019         0.7044         0.7044         0.77454         0.7486         0.7517         0.7549           0.7         0.7580         0.7611         0.7642         0.76733         0.7704         0.7734         0.7764         0.7794         0.7734         0.7764         0.7794         0.7803         0.8078         0.8106         0.8131           0.8         0.7810         0.8186         0.8212											
0.2         0.5793         0.5832         0.5871         0.5910         0.5948         0.5987         0.6026         0.6064         0.6103         0.6117         0.6255         0.6293         0.6331         0.6368         0.6406         0.6443         0.6480         0.6517           0.4         0.6554         0.6591         0.6628         0.6664         0.6700         0.6736         0.6772         0.6808         0.6844         0.6879           0.5         0.6915         0.6950         0.6895         0.7019         0.7054         0.7088         0.7123         0.7157         0.7190         0.7224           0.6         0.7257         0.7291         0.7324         0.7357         0.7389         0.7422         0.7444         0.7486         0.7517         0.7549           0.7         0.7580         0.7611         0.7642         0.7637         0.7794         0.7744         0.7744         0.7744         0.7744         0.7744         0.7784         0.7823         0.7852           0.8         0.7813         0.7910         0.7939         0.7967         0.7995         0.8023         0.8511         0.8051         0.8051         0.8051         0.8051         0.8051         0.8051         0.8051         0.											
0.3         0.6179         0.6217         0.6255         0.6293         0.6331         0.6368         0.6406         0.6443         0.6480         0.6517           0.4         0.6554         0.6591         0.6628         0.6664         0.6700         0.6736         0.6772         0.6808         0.6844         0.6879           0.5         0.6915         0.6950         0.6985         0.7019         0.7054         0.7088         0.7123         0.7157         0.7190         0.7224           0.6         0.7257         0.7291         0.7324         0.7357         0.7389         0.7422         0.7454         0.7494         0.7823         0.7850           0.8         0.7881         0.7910         0.7939         0.7967         0.7995         0.8023         0.8051         0.8016         0.8133           0.9         0.8159         0.8186         0.8212         0.8238         0.8264         0.8299         0.8315         0.8340         0.8365         0.8389           1.0         0.8413         0.8488         0.8461         0.8485         0.8508         0.8531         0.8554         0.8577         0.8599         0.8621           1.1         0.8643         0.8665         0.8686											
0.4         0.6554         0.6591         0.6628         0.6664         0.6700         0.6736         0.6772         0.6808         0.6844         0.6879           0.5         0.6915         0.6950         0.6985         0.7019         0.7054         0.7088         0.7123         0.7157         0.7190         0.7224           0.6         0.7257         0.7291         0.7324         0.7357         0.7389         0.7422         0.7454         0.7486         0.7517         0.7549           0.7         0.7580         0.7611         0.7622         0.7704         0.7734         0.7764         0.7794         0.7794         0.7794         0.7794         0.7794         0.7794         0.7794         0.7794         0.7794         0.7794         0.7734         0.7744         0.7794         0.7734         0.7794         0.7794         0.7734         0.7794         0.7794         0.7734         0.7794         0.7794         0.7734         0.7794         0.7794         0.8731         0.8051         0.8078         0.8133           0.8159         0.8186         0.8212         0.8238         0.8264         0.8289         0.8315         0.8340         0.8365         0.8368           1.1         0.8643 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>											
0.5         0.6915         0.6950         0.6985         0.7019         0.7054         0.7088         0.7123         0.7157         0.7190         0.7224           0.6         0.7257         0.7291         0.7324         0.7357         0.7389         0.7422         0.7454         0.7486         0.7517         0.7549           0.7         0.7580         0.7611         0.7642         0.7673         0.7704         0.7734         0.7764         0.7794         0.7823         0.7852           0.8         0.7881         0.7910         0.7939         0.7967         0.7995         0.8023         0.8051         0.8078         0.8106         0.8133           0.9         0.8159         0.8186         0.8212         0.8238         0.8264         0.8289         0.8315         0.8340         0.8365         0.8389           1.0         0.8413         0.8481         0.8461         0.8485         0.8508         0.8531         0.8577         0.8599         0.8621           1.1         0.8483         0.8669         0.8888         0.8907         0.8912         0.8749         0.8770         0.8790         0.8810         0.8831           1.2         0.8484         0.8869         0.8888											
0.6         0.7257         0.7291         0.7324         0.7357         0.7389         0.7422         0.7454         0.7486         0.7517         0.7549           0.7         0.7580         0.7611         0.7642         0.7763         0.7704         0.7734         0.7764         0.7794         0.7823         0.7852           0.8         0.7881         0.7910         0.7995         0.7995         0.8023         0.8051         0.8078         0.8106         0.8133           0.9         0.8159         0.8186         0.8212         0.8238         0.8264         0.8289         0.8315         0.8340         0.8365         0.8389           1.0         0.8413         0.8463         0.8461         0.8485         0.8508         0.8531         0.8577         0.8599         0.8621           1.1         0.8643         0.8665         0.8686         0.8709         0.8810         0.8830           1.2         0.8484         0.8869         0.8888         0.8907         0.8925         0.8944         0.8962         0.8980         0.8897         0.9011           1.3         0.9032         0.9049         0.9066         0.9082         0.9994         0.9115         0.9147         0.9147				0.0020							
0.7         0.7580         0.7611         0.7642         0.7673         0.7704         0.7734         0.7764         0.7794         0.7823         0.7852           0.8         0.7881         0.7910         0.7995         0.7995         0.8023         0.8051         0.8078         0.8106         0.8133           0.9         0.8159         0.8186         0.8212         0.8238         0.8264         0.8289         0.8315         0.8340         0.8365         0.8389           1.0         0.8413         0.8438         0.8461         0.8485         0.8508         0.8531         0.8554         0.8577         0.8599         0.8621           1.1         0.8643         0.8665         0.8686         0.8708         0.8729         0.8749         0.8770         0.8790         0.8810         0.8830           1.2         0.8449         0.8665         0.8888         0.8907         0.9915         0.9411         0.9111         0.9147         0.9162         0.9917         0.9171           1.4         0.9192         0.9207         0.9222         0.9236         0.9291         0.9115         0.9131         0.9148         0.9429         0.9406         0.9441           1.6         0.9452	0.5	0.6915	0.6950	0.6985	0.7019	0.7054	0.7088	0.7123	0.7157	0.7190	0.7224
0.8         0.7881         0.7910         0.7939         0.7967         0.7995         0.8023         0.8051         0.8078         0.8106         0.8133           0.9         0.8159         0.8186         0.8212         0.8238         0.8264         0.8289         0.8315         0.8340         0.8365         0.8389           1.0         0.8413         0.8438         0.8461         0.8485         0.8508         0.8531         0.8554         0.8577         0.8599         0.8621           1.1         0.8643         0.8665         0.8686         0.8708         0.8729         0.8749         0.8770         0.8790         0.8810         0.8830           1.2         0.8849         0.8869         0.8888         0.8907         0.8925         0.8944         0.8962         0.8980         0.9917           1.3         0.9032         0.9049         0.9066         0.9082         0.9099         0.9115         0.9131         0.9147         0.9162         0.9171           1.4         0.9192         0.9207         0.9222         0.9236         0.9251         0.9265         0.9279         0.9292         0.9306         0.9319           1.5         0.9332         0.9345         0.9357	0.6	0.7257	0.7291	0.7324	0.7357	0.7389	0.7422	0.7454	0.7486	0.7517	0.7549
0.9         0.8159         0.8186         0.8212         0.8238         0.8264         0.8289         0.8315         0.8340         0.8365         0.8389           1.0         0.8413         0.8438         0.8461         0.8485         0.8508         0.8531         0.8554         0.8577         0.8599         0.8621           1.1         0.8643         0.8665         0.8686         0.8708         0.8729         0.8749         0.8770         0.8790         0.8810         0.8830           1.2         0.8849         0.8869         0.8888         0.8907         0.8925         0.8944         0.8962         0.8980         0.8997         0.9015           1.3         0.9032         0.9049         0.9066         0.9082         0.9099         0.9115         0.9131         0.9147         0.9162         0.9177           1.4         0.9192         0.9207         0.9222         0.9236         0.9251         0.9265         0.9279         0.9292         0.9306         0.9319           1.5         0.9332         0.9345         0.9357         0.9370         0.9382         0.9394         0.9406         0.9418         0.9429         0.9441           1.6         0.9452         0.9463	0.7	0.7580	0.7611	0.7642	0.7673	0.7704	0.7734	0.7764	0.7794	0.7823	0.7852
1.0         0.8413         0.8438         0.8461         0.8485         0.8508         0.8531         0.8554         0.8577         0.8599         0.8621           1.1         0.8643         0.8665         0.8686         0.8708         0.8729         0.8749         0.8770         0.8790         0.8810         0.8830           1.2         0.8849         0.8869         0.8888         0.8907         0.8925         0.8944         0.8962         0.8980         0.8997         0.9015           1.3         0.9032         0.9049         0.9066         0.9082         0.9099         0.9115         0.9131         0.9147         0.9162         0.9177           1.4         0.9192         0.9207         0.9222         0.9236         0.9251         0.9265         0.9279         0.9292         0.9306         0.9319           1.5         0.9332         0.9345         0.9357         0.9370         0.9382         0.9394         0.9406         0.9418         0.9429         0.9441           1.6         0.9452         0.9463         0.9474         0.9484         0.9495         0.9505         0.9515         0.9525         0.9535         0.9531           1.7         0.9544         0.9573	0.8	0.7881	0.7910	0.7939	0.7967	0.7995	0.8023	0.8051	0.8078	0.8106	0.8133
1.1       0.8643       0.8665       0.8686       0.8708       0.8729       0.8749       0.8770       0.8790       0.8810       0.8830         1.2       0.8849       0.8869       0.8888       0.8907       0.8925       0.8944       0.8962       0.8980       0.8997       0.9015         1.3       0.9032       0.9049       0.9066       0.9029       0.9115       0.9131       0.9147       0.9162       0.9177         1.4       0.9192       0.9207       0.9222       0.9236       0.9251       0.9265       0.9279       0.9292       0.9306       0.9319         1.5       0.9332       0.9345       0.9357       0.9370       0.9382       0.9394       0.9406       0.9418       0.9429       0.9441         1.6       0.9452       0.9463       0.9474       0.9484       0.9495       0.9505       0.9515       0.9525       0.9535       0.9545         1.7       0.9554       0.9564       0.9573       0.9582       0.9591       0.9599       0.9608       0.9616       0.9625       0.9633         1.8       0.9611       0.9624       0.9656       0.9664       0.9671       0.9678       0.9686       0.9693       0.9961       0.9766	0.9	0.8159	0.8186	0.8212	0.8238	0.8264	0.8289	0.8315	0.8340	0.8365	0.8389
1.1       0.8643       0.8665       0.8686       0.8708       0.8729       0.8749       0.8770       0.8790       0.8810       0.8830         1.2       0.8849       0.8869       0.8888       0.8907       0.8925       0.8944       0.8962       0.8980       0.8997       0.9015         1.3       0.9032       0.9049       0.9066       0.9029       0.9115       0.9131       0.9147       0.9162       0.9177         1.4       0.9192       0.9207       0.9222       0.9236       0.9251       0.9265       0.9279       0.9292       0.9306       0.9319         1.5       0.9332       0.9345       0.9357       0.9370       0.9382       0.9394       0.9406       0.9418       0.9429       0.9441         1.6       0.9452       0.9463       0.9474       0.9484       0.9495       0.9505       0.9515       0.9525       0.9535       0.9545         1.7       0.9554       0.9564       0.9573       0.9582       0.9591       0.9599       0.9608       0.9616       0.9625       0.9633         1.8       0.9611       0.9624       0.9656       0.9664       0.9671       0.9678       0.9686       0.9693       0.9961       0.9766		201000000000000000000000000000000000000									
1.2       0.8849       0.8869       0.8888       0.8907       0.8925       0.8944       0.8962       0.8980       0.8997       0.9015         1.3       0.9032       0.9049       0.9066       0.9082       0.9099       0.9115       0.9131       0.9147       0.9162       0.9177         1.4       0.9192       0.9207       0.9222       0.9236       0.9251       0.9265       0.9279       0.9292       0.9306       0.9319         1.5       0.9332       0.9345       0.9357       0.9370       0.9382       0.9394       0.9406       0.9418       0.9429       0.9441         1.6       0.9452       0.9463       0.9474       0.9484       0.9495       0.9505       0.9515       0.9525       0.9535       0.9545         1.7       0.9554       0.9564       0.9573       0.9582       0.9591       0.9599       0.9608       0.9616       0.9625       0.9633         1.8       0.9641       0.9649       0.9656       0.9664       0.9671       0.9678       0.9686       0.9693       0.9699       0.9766         2.0       0.9772       0.9778       0.9783       0.9788       0.9744       0.9750       0.9856       0.9812       0.9817											
1.3         0.9032         0.9049         0.9066         0.9082         0.9099         0.9115         0.9131         0.9147         0.9162         0.9177           1.4         0.9192         0.9207         0.9222         0.9236         0.9251         0.9265         0.9279         0.9292         0.9306         0.9319           1.5         0.9332         0.9345         0.9357         0.9370         0.9382         0.9394         0.9406         0.9418         0.9429         0.9441           1.6         0.9452         0.9463         0.9474         0.9484         0.9495         0.9505         0.9515         0.9525         0.9535         0.9545           1.7         0.9540         0.9564         0.9573         0.9582         0.9591         0.9599         0.9608         0.9616         0.9625         0.9633           1.8         0.9641         0.9664         0.9565         0.9582         0.9798         0.9686         0.9693         0.9699         0.9766           1.9         0.9713         0.9778         0.9783         0.9788         0.9794         0.9750         0.9756         0.9761         0.9767           2.0         0.9772         0.9778         0.9783         0.9793											
1.4         0.9192         0.9207         0.9222         0.9236         0.9251         0.9265         0.9279         0.9292         0.9306         0.9319           1.5         0.9332         0.9345         0.9357         0.9370         0.9382         0.9394         0.9406         0.9418         0.9429         0.9441           1.6         0.9452         0.9463         0.9474         0.9484         0.9495         0.9505         0.9515         0.9525         0.9535         0.9545           1.7         0.9554         0.9564         0.9573         0.9582         0.9591         0.9599         0.9608         0.9610         0.9625         0.9631           1.8         0.9641         0.9649         0.9656         0.9664         0.9671         0.9678         0.9686         0.9699         0.9766           1.9         0.9713         0.9719         0.9726         0.9732         0.9738         0.9744         0.9750         0.9756         0.9761         0.9767           2.0         0.9772         0.9778         0.9783         0.9788         0.9793         0.9798         0.9808         0.9812         0.9817           2.1         0.9821         0.9826         0.9830         0.9834											
1.5       0.9332       0.9345       0.9357       0.9370       0.9382       0.9394       0.9406       0.9418       0.9429       0.9441         1.6       0.9452       0.9463       0.9474       0.9484       0.9495       0.9505       0.9515       0.9525       0.9535       0.9545         1.7       0.9554       0.9564       0.9573       0.9582       0.9591       0.9599       0.9608       0.9616       0.9625       0.9633         1.8       0.9641       0.9649       0.9656       0.9664       0.9671       0.9678       0.9686       0.9693       0.9699       0.9706         1.9       0.9713       0.9778       0.9783       0.9788       0.9793       0.9798       0.9803       0.9808       0.9812       0.9817         2.1       0.9821       0.9830       0.9834       0.9838       0.9842       0.9846       0.9886       0.9857         2.2       0.9861       0.9864       0.9868       0.9871       0.9875       0.9878       0.9881       0.9884       0.9887       0.9886         2.3       0.9893       0.9896       0.9898       0.9901       0.9904       0.9906       0.9909       0.9911       0.9913       0.9916											
1.6         0.9452         0.9463         0.9474         0.9484         0.9495         0.9505         0.9515         0.9525         0.9535         0.9545           1.7         0.9554         0.9564         0.9573         0.9582         0.9591         0.9599         0.9608         0.9616         0.9625         0.9633           1.8         0.9641         0.9649         0.9656         0.9664         0.9671         0.9678         0.9686         0.9693         0.9699         0.9706           1.9         0.9713         0.9719         0.9726         0.9732         0.9738         0.9744         0.9750         0.9756         0.9761         0.9767           2.0         0.9772         0.9778         0.9783         0.9788         0.9793         0.9798         0.9803         0.9808         0.9812         0.9817           2.1         0.9821         0.9826         0.9830         0.9834         0.9838         0.9842         0.9846         0.9854         0.9857           2.2         0.9861         0.9864         0.9868         0.9871         0.9875         0.9878         0.9884         0.9884         0.9887         0.9830           2.3         0.9893         0.9996         0.9992	1.4	0.9192	0.9207	0.9222	0.9236	0.9251	0.9265	0.9279	0.9292	0.9306	0.9319
1.6         0.9452         0.9463         0.9474         0.9484         0.9495         0.9505         0.9515         0.9525         0.9535         0.9545           1.7         0.9554         0.9564         0.9573         0.9582         0.9591         0.9599         0.9608         0.9616         0.9625         0.9633           1.8         0.9641         0.9649         0.9656         0.9664         0.9671         0.9678         0.9686         0.9693         0.9699         0.9706           1.9         0.9713         0.9719         0.9726         0.9732         0.9738         0.9744         0.9750         0.9756         0.9761         0.9767           2.0         0.9772         0.9778         0.9783         0.9788         0.9793         0.9798         0.9803         0.9808         0.9812         0.9817           2.1         0.9821         0.9826         0.9830         0.9834         0.9838         0.9842         0.9846         0.9854         0.9857           2.2         0.9861         0.9864         0.9868         0.9871         0.9875         0.9878         0.9884         0.9884         0.9887         0.9830           2.3         0.9893         0.9996         0.9992	4.5		0.0045	0.0057	0.0070	0.0000	0.0004	0.0400	0.0440	0.0400	20111
1.7         0.9554         0.9564         0.9573         0.9582         0.9591         0.9599         0.9608         0.9616         0.9625         0.9633           1.8         0.9641         0.9649         0.9656         0.9664         0.9671         0.9678         0.9686         0.9693         0.9699         0.9706           1.9         0.9713         0.9719         0.9726         0.9732         0.9738         0.9744         0.9750         0.9756         0.9761         0.9767           2.0         0.9772         0.9778         0.9783         0.9788         0.9793         0.9803         0.9808         0.9812         0.9817           2.1         0.9821         0.9826         0.9830         0.9834         0.9838         0.9842         0.9846         0.9850         0.9854         0.9857           2.2         0.9861         0.9864         0.9868         0.9871         0.9875         0.9878         0.9881         0.9844         0.9887         0.9980           2.3         0.9983         0.9986         0.9988         0.9901         0.9904         0.9906         0.9909         0.9911         0.9913         0.9934         0.9934         0.9934         0.9934         0.9934         0.9948 <th></th>											
1.8         0.9641         0.9649         0.9656         0.9664         0.9671         0.9678         0.9686         0.9693         0.9699         0.9706           1.9         0.9713         0.9719         0.9726         0.9732         0.9738         0.9744         0.9750         0.9756         0.9761         0.9767           2.0         0.9772         0.9778         0.9783         0.9788         0.9793         0.9798         0.9803         0.9808         0.9812         0.9817           2.1         0.9821         0.9826         0.9830         0.9834         0.9838         0.9842         0.9846         0.9850         0.9854         0.9857           2.2         0.9861         0.9864         0.9868         0.9871         0.9875         0.9878         0.9881         0.9884         0.9887         0.9890           2.3         0.9893         0.9966         0.9989         0.9901         0.9904         0.9906         0.9909         0.9911         0.9913         0.9913         0.9913         0.9913         0.9934         0.9936           2.4         0.9918         0.9920         0.9941         0.9943         0.9945         0.9946         0.9948         0.9949         0.9951         0.9952 <th></th> <th>하게 하는 것이 없는 것이 없다.</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		하게 하는 것이 없는 것이 없다.									
1.9         0.9713         0.9719         0.9726         0.9732         0.9738         0.9744         0.9750         0.9756         0.9761         0.9767           2.0         0.9772         0.9778         0.9783         0.9788         0.9793         0.9798         0.9803         0.9808         0.9812         0.9817           2.1         0.9821         0.9826         0.9830         0.9834         0.9838         0.9842         0.9846         0.9850         0.9854         0.9857           2.2         0.9861         0.9864         0.9868         0.9871         0.9875         0.9878         0.9881         0.9887         0.9880           2.3         0.9893         0.9896         0.9898         0.9901         0.9904         0.9906         0.9909         0.9911         0.9913         0.9916           2.4         0.9918         0.9920         0.9922         0.9925         0.9927         0.9929         0.9931         0.9932         0.9934         0.9936           2.5         0.9938         0.9941         0.9943         0.9945         0.9946         0.9948         0.9949         0.9951         0.9952           2.6         0.9953         0.9966         0.9967         0.9968											
2.0         0.9772         0.9778         0.9783         0.9788         0.9793         0.9798         0.9803         0.9808         0.9812         0.9817           2.1         0.9821         0.9826         0.9830         0.9834         0.9838         0.9842         0.9846         0.9850         0.9854         0.9857           2.2         0.9861         0.9864         0.9868         0.9871         0.9875         0.9878         0.9881         0.9884         0.9887         0.9890           2.3         0.9893         0.9896         0.9898         0.9901         0.9904         0.9906         0.9909         0.9911         0.9913         0.9916           2.4         0.9918         0.9920         0.9922         0.9925         0.9927         0.9929         0.9931         0.9932         0.9934         0.9936           2.5         0.9938         0.9940         0.9943         0.9945         0.9946         0.9948         0.9949         0.9951         0.9952           2.6         0.9953         0.9955         0.9956         0.9957         0.9959         0.9960         0.9961         0.9962         0.9973         0.9974           2.8         0.9974         0.9975         0.9976											
2.1       0.9821       0.9826       0.9830       0.9834       0.9838       0.9842       0.9846       0.9850       0.9854       0.9857         2.2       0.9861       0.9864       0.9868       0.9871       0.9875       0.9878       0.9881       0.9884       0.9887       0.9890         2.3       0.9893       0.9896       0.9898       0.9901       0.9904       0.9906       0.9909       0.9911       0.9913       0.9916         2.4       0.9918       0.9920       0.9922       0.9925       0.9927       0.9929       0.9931       0.9932       0.9934       0.9936         2.5       0.9938       0.9940       0.9941       0.9943       0.9945       0.9946       0.9948       0.9949       0.9951       0.9952         2.6       0.9953       0.9955       0.9956       0.9957       0.9959       0.9960       0.9961       0.9962       0.9963       0.9964         2.7       0.9965       0.9966       0.9967       0.9968       0.9969       0.9970       0.9971       0.9972       0.9973       0.9981         2.9       0.9981       0.9982       0.9982       0.9983       0.9984       0.9984       0.9985       0.9985       0.9986	1.9	0.9713	0.9719	0.9726	0.9732	0.9738	0.9744	0.9750	0.9756	0.9761	0.9767
2.1       0.9821       0.9826       0.9830       0.9834       0.9838       0.9842       0.9846       0.9850       0.9854       0.9857         2.2       0.9861       0.9864       0.9868       0.9871       0.9875       0.9878       0.9881       0.9884       0.9887       0.9890         2.3       0.9893       0.9896       0.9898       0.9901       0.9904       0.9906       0.9909       0.9911       0.9913       0.9916         2.4       0.9918       0.9920       0.9922       0.9925       0.9927       0.9929       0.9931       0.9932       0.9934       0.9936         2.5       0.9938       0.9940       0.9941       0.9943       0.9945       0.9946       0.9948       0.9949       0.9951       0.9952         2.6       0.9953       0.9955       0.9956       0.9957       0.9959       0.9960       0.9961       0.9962       0.9963       0.9964         2.7       0.9965       0.9966       0.9967       0.9968       0.9969       0.9970       0.9971       0.9972       0.9973       0.9981         2.9       0.9981       0.9982       0.9982       0.9983       0.9984       0.9984       0.9985       0.9985       0.9986	2.0	0.9772	0 9778	0.9783	0.9788	0 9793	0 9798	0.9803	0.9808	0.9812	0 9817
2.2       0.9861       0.9864       0.9868       0.9871       0.9875       0.9878       0.9881       0.9884       0.9887       0.9890         2.3       0.9893       0.9896       0.9898       0.9901       0.9904       0.9906       0.9909       0.9911       0.9913       0.9916         2.4       0.9918       0.9920       0.9922       0.9925       0.9927       0.9929       0.9931       0.9932       0.9934       0.9936         2.5       0.9938       0.9940       0.9941       0.9943       0.9945       0.9946       0.9948       0.9949       0.9951       0.9952         2.6       0.9953       0.9955       0.9956       0.9957       0.9959       0.9960       0.9961       0.9962       0.9963       0.9964         2.7       0.9965       0.9966       0.9967       0.9968       0.9969       0.9970       0.9971       0.9972       0.9973       0.9974         2.8       0.9974       0.9975       0.9976       0.9977       0.9977       0.9978       0.9985       0.9986       0.9986         2.9       0.9981       0.9982       0.9982       0.9983       0.9984       0.9984       0.9985       0.9985       0.9990       0.9993											
2.3         0.9893         0.9896         0.9898         0.9901         0.9904         0.9906         0.9909         0.9911         0.9913         0.9916           2.4         0.9918         0.9920         0.9922         0.9925         0.9927         0.9929         0.9931         0.9932         0.9934         0.9936           2.5         0.9938         0.9940         0.9941         0.9943         0.9945         0.9946         0.9948         0.9949         0.9951         0.9952           2.6         0.9953         0.9955         0.9956         0.9957         0.9959         0.9960         0.9961         0.9962         0.9963         0.9964           2.7         0.9965         0.9966         0.9967         0.9968         0.9969         0.9970         0.9971         0.9972         0.9973         0.9974           2.8         0.9974         0.9975         0.9976         0.9977         0.9977         0.9978         0.9979         0.9985         0.9986         0.9986           2.9         0.9981         0.9982         0.9982         0.9983         0.9984         0.9985         0.9985         0.9986         0.9993         0.9993         0.9993         0.9993         0.9993         0.9994 <th></th>											
2.4       0.9918       0.9920       0.9922       0.9925       0.9927       0.9929       0.9931       0.9932       0.9934       0.9936         2.5       0.9938       0.9940       0.9941       0.9943       0.9945       0.9946       0.9948       0.9949       0.9951       0.9952         2.6       0.9953       0.9955       0.9956       0.9957       0.9959       0.9960       0.9961       0.9962       0.9963       0.9964         2.7       0.9965       0.9966       0.9967       0.9968       0.9969       0.9970       0.9971       0.9972       0.9973       0.9974         2.8       0.9974       0.9975       0.9976       0.9977       0.9977       0.9978       0.9979       0.9979       0.9980       0.9980       0.9981         2.9       0.9981       0.9982       0.9982       0.9983       0.9984       0.9984       0.9985       0.9985       0.9986       0.9986         3.0       0.9987       0.9987       0.9988       0.9988       0.9989       0.9989       0.9989       0.9992       0.9992       0.9992       0.9992       0.9992       0.9992       0.9992       0.9992       0.9995       0.9995       0.9995       0.9996       0.9996 </th <th></th>											
2.5       0.9938       0.9940       0.9941       0.9943       0.9945       0.9946       0.9948       0.9949       0.9951       0.9952         2.6       0.9953       0.9955       0.9956       0.9957       0.9959       0.9960       0.9961       0.9962       0.9963       0.9964         2.7       0.9965       0.9966       0.9967       0.9968       0.9969       0.9970       0.9971       0.9972       0.9973       0.9974         2.8       0.9974       0.9975       0.9976       0.9977       0.9977       0.9978       0.9979       0.9979       0.9980       0.9981         2.9       0.9981       0.9982       0.9982       0.9983       0.9984       0.9984       0.9985       0.9985       0.9986       0.9986         3.0       0.9987       0.9987       0.9988       0.9988       0.9989       0.9989       0.9989       0.9990       0.9990       0.9990         3.1       0.9990       0.9991       0.9991       0.9994       0.9992       0.9992       0.9992       0.9992       0.9995       0.9995       0.9995       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996 </th <th></th>											
2.6       0.9953       0.9955       0.9956       0.9957       0.9959       0.9960       0.9961       0.9962       0.9963       0.9963       0.9964         2.7       0.9965       0.9966       0.9967       0.9968       0.9969       0.9970       0.9971       0.9972       0.9973       0.9974         2.8       0.9974       0.9975       0.9976       0.9977       0.9977       0.9978       0.9979       0.9979       0.9980       0.9980       0.9981         2.9       0.9981       0.9982       0.9982       0.9983       0.9984       0.9984       0.9985       0.9985       0.9986       0.9986         3.0       0.9987       0.9987       0.9988       0.9988       0.9989       0.9989       0.9989       0.9999       0.9990       0.9990         3.1       0.9990       0.9991       0.9991       0.9994       0.9992       0.9992       0.9992       0.9992       0.9992       0.9995       0.9995       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.	514	0.0010	0.0020	0.0022	0.0020	0.0027	0.0020	0.0001	0.0002	0.0001	0.0000
2.7       0.9965       0.9966       0.9967       0.9968       0.9969       0.9970       0.9971       0.9972       0.9973       0.9973       0.9974         2.8       0.9974       0.9975       0.9976       0.9977       0.9977       0.9978       0.9979       0.9979       0.9980       0.9981         2.9       0.9981       0.9982       0.9982       0.9983       0.9984       0.9984       0.9985       0.9985       0.9986       0.9986         3.0       0.9987       0.9987       0.9988       0.9988       0.9989       0.9989       0.9989       0.9989       0.9990       0.9990       0.9990         3.1       0.9990       0.9991       0.9991       0.9992       0.9992       0.9992       0.9992       0.9992       0.9992       0.9993       0.9995       0.9995         3.2       0.9993       0.9995       0.9994       0.9994       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996	2.5	0.9938	0.9940	0.9941	0.9943	0.9945	0.9946	0.9948	0.9949	0.9951	0.9952
2.8       0.9974       0.9975       0.9976       0.9977       0.9977       0.9978       0.9979       0.9979       0.9980       0.9980       0.9981         2.9       0.9981       0.9982       0.9982       0.9983       0.9984       0.9984       0.9985       0.9985       0.9986       0.9986         3.0       0.9987       0.9987       0.9988       0.9988       0.9989       0.9989       0.9989       0.9990       0.9990       0.9990         3.1       0.9990       0.9991       0.9991       0.9991       0.9992       0.9992       0.9992       0.9992       0.9992       0.9992       0.9993       0.9995       0.9995         3.2       0.9995       0.9995       0.9996	2.6	0.9953	0.9955	0.9956	0.9957	0.9959	0.9960	0.9961	0.9962	0.9963	0.9964
2.9       0.9981       0.9982       0.9982       0.9983       0.9984       0.9984       0.9985       0.9985       0.9986       0.9986       0.9986         3.0       0.9987       0.9987       0.9988       0.9988       0.9989       0.9989       0.9989       0.9990       0.9990       0.9990         3.1       0.9990       0.9991       0.9991       0.9991       0.9992       0.9992       0.9992       0.9992       0.9992       0.9992       0.9992       0.9993       0.9993       0.9993       0.9994       0.9994       0.9994       0.9994       0.9994       0.9994       0.9994       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996	2.7	0.9965	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974
3.0       0.9987       0.9987       0.9987       0.9988       0.9988       0.9989       0.9989       0.9989       0.9990       0.9990       0.9990         3.1       0.9990       0.9991       0.9991       0.9992       0.9992       0.9992       0.9992       0.9992       0.9992       0.9992       0.9993       0.9993       0.9993       0.9994       0.9994       0.9994       0.9994       0.9994       0.9994       0.9994       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9997	2.8	0.9974	0.9975	0.9976	0.9977	0.9977	0.9978	0.9979	0.9979	0.9980	0.9981
3.1       0.9990       0.9991       0.9991       0.9991       0.9992       0.9992       0.9992       0.9992       0.9993       0.9993       0.9993         3.2       0.9993       0.9993       0.9994       0.9994       0.9994       0.9994       0.9994       0.9995       0.9995       0.9995         3.3       0.9995       0.9995       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996	2.9	0.9981	0.9982	0.9982	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986	0.9986
3.1       0.9990       0.9991       0.9991       0.9991       0.9992       0.9992       0.9992       0.9992       0.9993       0.9993       0.9993         3.2       0.9993       0.9993       0.9994       0.9994       0.9994       0.9994       0.9994       0.9995       0.9995       0.9995         3.3       0.9995       0.9995       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996       0.9996											
3.2 0.9993 0.9993 0.9994 0.9994 0.9994 0.9994 0.9995 0.9995 0.9995 0.9995 0.9996 0.9996 0.9996 0.9996 0.9997											
<b>3.3</b> 0.9995 0.9995 0.9996 0.9996 0.9996 0.9996 0.9996 0.9996 0.9997		1									
<b>3.4</b>   0.9997  0.9997  0.9997  0.9997  0.9997  0.9997  0.9997  0.9997  0.9998											
	3.4	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9998