|  |
| --- |
|  |
| DEPARTMENT OF MATHEMATICS |
| STATISTICAL TABLES   * Standard Normal distribution table * F distribution table * Chi square distribution table * t distribution table |
| M.S. Ramaiah Nagar, MSRIT Post,  Bangalore-560054 |

Standard Normal Distribution table

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Z | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 |
| 0.0 | **0.0000** | **0.0040** | **0.0080** | **0.0120** | **0.0160** | **0.0199** | **0.0239** | **0.0279** | **0.0319** | **0.0359** |
| 0.1 | **0.0398** | **0.0438** | **0.0478** | **0.0517** | **0.0557** | **0.0596** | **0.0636** | **0.0675** | **0.0714** | **0.0753** |
| 0.2 | **0.0793** | **0.0832** | **0.0871** | **0.0910** | **0.0948** | **0.0987** | **0.1026** | **0.1064** | **0.1103** | **0.1141** |
| 0.3 | **0.1179** | **0.1217** | **0.1255** | **0.1293** | **0.1331** | **0.1368** | **0.1406** | **0.1443** | **0.1480** | **0.1517** |
| 0.4 | **0.1554** | **0.1591** | **0.1628** | **0.1664** | **0.1700** | **0.1736** | **0.1772** | **0.1808** | **0.1844** | **0.1879** |
| 0.5 | **0.1915** | **0.1950** | **0.1985** | **0.2019** | **0.2054** | **0.2088** | **0.2123** | **0.2157** | **0.2190** | **0.2224** |
| 0.6 | **0.2257** | **0.2291** | **0.2324** | **0.2357** | **0.2389** | **0.2422** | **0.2454** | **0.2486** | **0.2517** | **0.2549** |
| 0.7 | **0.2580** | **0.2611** | **0.2642** | **0.2673** | **0.2704** | **0.2734** | **0.2764** | **0.2794** | **0.2823** | **0.2852** |
| 0.8 | **0.2881** | **0.2910** | **0.2939** | **0.2967** | **0.2995** | **0.3023** | **0.3051** | **0.3078** | **0.3106** | **0.3133** |
| 0.9 | **0.3159** | **0.3186** | **0.3212** | **0.3238** | **0.3264** | **0.3289** | **0.3315** | **0.3340** | **0.3365** | **0.3389** |
| 1.0 | **0.3413** | **0.3438** | **0.3461** | **0.3485** | **0.3508** | **0.3531** | **0.3554** | **0.3577** | **0.3599** | **0.3621** |
| 1.1 | **0.3643** | **0.3665** | **0.3686** | **0.3708** | **0.3729** | **0.3749** | **0.3770** | **0.3790** | **0.3810** | **0.3830** |
| 1.2 | **0.3849** | **0.3869** | **0.3888** | **0.3907** | **0.3925** | **0.3944** | **0.3962** | **0.3980** | **0.3997** | **0.4015** |
| 1.3 | **0.4032** | **0.4049** | **0.4066** | **0.4082** | **0.4099** | **0.4115** | **0.4131** | **0.4147** | **0.4162** | **0.4177** |
| 1.4 | **0.4192** | **0.4207** | **0.4222** | **0.4236** | **0.4251** | **0.4265** | **0.4279** | **0.4292** | **0.4306** | **0.4319** |
| 1.5 | **0.4332** | **0.4345** | **0.4357** | **0.4370** | **0.4382** | **0.4394** | **0.4406** | **0.4418** | **0.4429** | **0.4441** |
| 1.6 | **0.4452** | **0.4463** | **0.4474** | **0.4484** | **0.4495** | **0.4505** | **0.4515** | **0.4525** | **0.4535** | **0.4545** |
| 1.7 | **0.4554** | **0.4564** | **0.4573** | **0.4582** | **0.4591** | **0.4599** | **0.4608** | **0.4616** | **0.4625** | **0.4633** |
| 1.8 | **0.4641** | **0.4649** | **0.4656** | **0.4664** | **0.4671** | **0.4678** | **0.4686** | **0.4693** | **0.4699** | **0.4706** |
| 1.9 | **0.4713** | **0.4719** | **0.4726** | **0.4732** | **0.4738** | **0.4744** | **0.4750** | **0.4756** | **0.4761** | **0.4767** |
| 2.0 | **0.4772** | **0.4778** | **0.4783** | **0.4788** | **0.4793** | **0.4798** | **0.4803** | **0.4808** | **0.4812** | **0.4817** |
| 2.1 | **0.4821** | **0.4826** | **0.4830** | **0.4834** | **0.4838** | **0.4842** | **0.4846** | **0.4850** | **0.4854** | **0.4857** |
| 2.2 | **0.4861** | **0.4864** | **0.4868** | **0.4871** | **0.4875** | **0.4878** | **0.4881** | **0.4884** | **0.4887** | **0.4890** |
| 2.3 | **0.4893** | **0.4896** | **0.4898** | **0.4901** | **0.4904** | **0.4906** | **0.4909** | **0.4911** | **0.4913** | **0.4916** |
| 2.4 | **0.4918** | **0.4920** | **0.4922** | **0.4925** | **0.4927** | **0.4929** | **0.4931** | **0.4932** | **0.4934** | **0.4936** |
| 2.5 | **0.4938** | **0.4940** | **0.4941** | **0.4943** | **0.4945** | **0.4946** | **0.4948** | **0.4949** | **0.4951** | **0.4952** |
| 2.6 | **0.4953** | **0.4955** | **0.4956** | **0.4957** | **0.4959** | **0.4960** | **0.4961** | **0.4962** | **0.4963** | **0.4964** |
| 2.7 | **0.4965** | **0.4966** | **0.4967** | **0.4968** | **0.4969** | **0.4970** | **0.4971** | **0.4972** | **0.4973** | **0.4974** |
| 2.8 | **0.4974** | **0.4975** | **0.4976** | **0.4977** | **0.4977** | **0.4978** | **0.4979** | **0.4979** | **0.4980** | **0.4981** |
| 2.9 | **0.4981** | **0.4982** | **0.4982** | **0.4983** | **0.4984** | **0.4984** | **0.4985** | **0.4985** | **0.4986** | **0.4986** |
| 3.0 | **0.4987** | **0.4987** | **0.4987** | **0.4988** | **0.4988** | **0.4989** | **0.4989** | **0.4989** | **0.4990** | **0.4990** |

F-Distribution Table (5% Level of Significance)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 24 |  |
|  |
| 1 | **161** | **200** | **216** | **225** | **230** | **234** | **237** | **239** | **241** | **242** | **244** | **249** | **254** |
| 2 | **18.5** | **19.0** | **19.2** | **19.2** | **19.3** | **19.3** | **19.4** | **19.4** | **19.4** | **19.4** | **19.4** | **19.5** | **19.5** |
| 3 | **10.1** | **9.55** | **9.28** | **9.12** | **9.01** | **8.94** | **8.89** | **8.85** | **8.81** | **8.79** | **8.74** | **8.64** | **8.53** |
| 4 | **7.71** | **6.94** | **6.59** | **6.39** | **6.26** | **6.16** | **6.09** | **6.04** | **6.00** | **5.96** | **5.91** | **5.77** | **5.63** |
| 5 | **6.61** | **5.79** | **5.41** | **5.19** | **5.05** | **4.95** | **4.88** | **4.82** | **4.77** | **4.74** | **4.68** | **4.53** | **4.37** |
| 6 | **5.99** | **5.14** | **4.76** | **4.53** | **4.39** | **4.28** | **4.21** | **4.15** | **4.10** | **4.06** | **4.00** | **3.84** | **3.67** |
| 7 | **5.59** | **4.74** | **4.35** | **4.12** | **3.97** | **3.87** | **3.79** | **3.73** | **3.68** | **3.64** | **3.57** | **3.41** | **3.23** |
| 8 | **5.32** | **4.46** | **4.07** | **3.84** | **3.69** | **3.58** | **3.50** | **3.44** | **3.39** | **3.35** | **3.28** | **3.12** | **2.93** |
| 9 | **5.12** | **4.26** | **3.86** | **3.63** | **3.48** | **3.37** | **3.29** | **3.23** | **3.18** | **3.14** | **3.07** | **2.90** | **2.71** |
| 10 | **4.96** | **4.10** | **3.71** | **3.48** | **3.33** | **3.22** | **3.14** | **3.07** | **3.02** | **2.98** | **2.91** | **2.74** | **2.54** |
| 11 | **4.84** | **3.98** | **3.59** | **3.36** | **3.20** | **3.09** | **3.01** | **2.95** | **2.90** | **2.85** | **2.79** | **2.61** | **2.40** |
| 12 | **4.75** | **3.89** | **3.49** | **3.26** | **3.11** | **3.00** | **2.91** | **2.85** | **2.80** | **2.75** | **2.69** | **2.51** | **2.30** |
| 13 | **4.67** | **3.81** | **3.41** | **3.18** | **3.03** | **2.92** | **2.83** | **2.77** | **2.71** | **2.67** | **2.60** | **2.42** | **2.21** |
| 14 | **4.60** | **3.74** | **3.34** | **3.11** | **2.96** | **2.85** | **2.76** | **2.70** | **2.65** | **2.60** | **2.53** | **2.35** | **2.13** |
| 15 | **4.54** | **3.68** | **3.29** | **3.06** | **2.90** | **2.79** | **2.71** | **2.64** | **2.59** | **2.54** | **2.48** | **2.29** | **2.07** |
| 16 | **4.49** | **3.63** | **3.24** | **3.01** | **2.85** | **2.74** | **2.66** | **2.59** | **2.54** | **2.49** | **2.42** | **2.24** | **2.01** |
| 17 | **4.45** | **3.59** | **3.20** | **2.96** | **2.81** | **2.70** | **2.61** | **2.55** | **2.49** | **2.45** | **2.38** | **2.19** | **1.96** |
| 18 | **4.41** | **3.55** | **3.16** | **2.93** | **2.77** | **2.66** | **2.58** | **2.51** | **2.46** | **2.41** | **2.34** | **2.15** | **1.92** |
| 19 | **4.38** | **3.52** | **3.13** | **2.90** | **2.74** | **2.63** | **2.54** | **2.48** | **2.42** | **2.38** | **2.31** | **2.11** | **1.88** |
| 20 | **4.35** | **3.49** | **3.10** | **2.87** | **2.71** | **2.60** | **2.51** | **2.45** | **2.39** | **2.35** | **2.28** | **2.08** | **1.84** |
| 21 | **4.32** | **3.47** | **3.07** | **2.84** | **2.68** | **2.57** | **2.49** | **2.42** | **2.37** | **2.32** | **2.25** | **2.05** | **1.81** |
| 22 | **4.30** | **3.44** | **3.05** | **2.82** | **2.66** | **2.55** | **2.46** | **2.40** | **2.34** | **2.30** | **2.23** | **2.03** | **1.78** |
| 23 | **4.28** | **3.42** | **3.03** | **2.80** | **2.64** | **2.53** | **2.44** | **2.37** | **2.32** | **2.27** | **2.20** | **2.01** | **1.76** |
| 24 | **4.26** | **3.40** | **3.01** | **2.78** | **2.62** | **2.51** | **2.42** | **2.36** | **2.30** | **2.25** | **2.18** | **1.98** | **1.73** |
| 25 | **4.24** | **3.39** | **2.99** | **2.76** | **2.60** | **2.49** | **2.40** | **2.34** | **2.28** | **2.24** | **2.16** | **1.96** | **1.71** |
| 26 | **4.23** | **3.37** | **2.98** | **2.74** | **2.59** | **2.47** | **2.39** | **2.32** | **2.27** | **2.22** | **2.15** | **1.95** | **1.69** |
| 27 | **4.21** | **3.35** | **2.96** | **2.73** | **2.57** | **2.46** | **2.37** | **2.31** | **2.25** | **2.20** | **2.13** | **1.93** | **1.67** |
| 28 | **4.20** | **3.34** | **2.95** | **2.71** | **2.56** | **2.45** | **2.36** | **2.29** | **2.24** | **2.19** | **2.12** | **1.91** | **1.65** |
| 29 | **4.18** | **3.33** | **2.93** | **2.70** | **2.55** | **2.43** | **2.35** | **2.28** | **2.22** | **2.18** | **2.10** | **1.90** | **1.64** |
| 30 | **4.17** | **3.32** | **2.92** | **2.69** | **2.53** | **2.42** | **2.33** | **2.27** | **2.21** | **2.16** | **2.09** | **1.89** | **1.62** |
| 40 | **4.08** | **3.23** | **2.84** | **2.61** | **2.45** | **2.34** | **2.25** | **2.18** | **2.12** | **2.08** | **2.00** | **1.79** | **1.51** |
| 60 | **4.00** | **3.15** | **2.76** | **2.53** | **2.37** | **2.25** | **2.17** | **2.10** | **2.04** | **1.99** | **1.92** | **1.70** | **1.39** |
| 120 | **3.92** | **3.07** | **2.68** | **2.45** | **2.29** | **2.18** | **2.09** | **2.02** | **1.96** | **1.91** | **1.83** | **1.61** | **1.25** |
|  | **3.84** | **3.00** | **2.60** | **2.37** | **2.21** | **2.10** | **2.01** | **1.94** | **1.88** | **1.83** | **1.75** | **1.52** | **1.00** |

F-Distribution Table (1% Level of Significance)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 24 |  |
|  |
| 1 | **4052** | **5000** | **5403** | **5625** | **5764** | **5859** | **5928** | **5981** | **6023** | **6056** | **6106** | **6235** | **6366** |
| 2 | **98.5** | **99.0** | **99.2** | **99.2** | **99.3** | **99.3** | **99.4** | **99.4** | **99.4** | **99.4** | **99.4** | **99.5** | **99.5** |
| 3 | **34.1** | **30.8** | **29.5** | **28.7** | **28.2** | **27.9** | **27.7** | **27.5** | **27.3** | **27.2** | **27.1** | **26.6** | **26.1** |
| 4 | **21.2** | **18.0** | **16.7** | **16.0** | **15.5** | **15.2** | **15.0** | **14.8** | **14.7** | **14.5** | **14.4** | **13.9** | **13.5** |
| 5 | **16.3** | **13.3** | **12.1** | **11.4** | **11.0** | **10.7** | **10.5** | **10.3** | **10.2** | **10.1** | **9.89** | **9.47** | **9.02** |
| 6 | **13.7** | **10.9** | **9.78** | **9.15** | **8.75** | **8.47** | **8.26** | **8.10** | **7.98** | **7.87** | **7.72** | **7.31** | **6.88** |
| 7 | **12.2** | **9.55** | **8.45** | **7.85** | **7.46** | **7.19** | **6.99** | **6.84** | **6.72** | **6.62** | **6.47** | **6.07** | **5.65** |
| 8 | **11.3** | **8.65** | **7.59** | **7.01** | **6.63** | **6.37** | **6.18** | **6.03** | **5.91** | **5.81** | **5.67** | **5.28** | **4.86** |
| 9 | **10.6** | **8.02** | **6.99** | **6.42** | **6.06** | **5.80** | **5.61** | **5.47** | **5.35** | **5.26** | **5.11** | **4.73** | **4.31** |
| 10 | **10.0** | **7.56** | **6.55** | **5.99** | **5.64** | **5.39** | **5.20** | **5.06** | **4.94** | **4.85** | **4.71** | **4.33** | **3.91** |
| 11 | **9.65** | **7.21** | **6.22** | **5.67** | **5.32** | **5.07** | **4.89** | **4.74** | **4.63** | **4.54** | **4.40** | **4.03** | **3.60** |
| 12 | **9.33** | **6.93** | **5.95** | **5.41** | **5.06** | **4.82** | **4.64** | **4.50** | **4.39** | **4.30** | **4.16** | **3.78** | **3.36** |
| 13 | **9.07** | **6.70** | **5.74** | **5.21** | **4.86** | **4.62** | **4.44** | **4.30** | **4.19** | **4.10** | **3.96** | **3.59** | **3.17** |
| 14 | **8.86** | **6.51** | **5.56** | **5.04** | **4.70** | **4.46** | **4.28** | **4.14** | **4.03** | **3.94** | **3.80** | **3.43** | **3.00** |
| 15 | **8.68** | **6.36** | **5.42** | **4.89** | **4.56** | **4.32** | **4.14** | **4.00** | **3.89** | **3.80** | **3.67** | **3.29** | **2.87** |
| 16 | **8.53** | **6.23** | **5.29** | **4.77** | **4.44** | **4.20** | **4.03** | **3.89** | **3.78** | **3.69** | **3.55** | **3.18** | **2.75** |
| 17 | **8.40** | **6.11** | **5.19** | **4.67** | **4.34** | **4.10** | **3.93** | **3.79** | **3.68** | **3.59** | **3.46** | **3.08** | **2.65** |
| 18 | **8.29** | **6.01** | **5.09** | **4.58** | **4.25** | **4.01** | **3.84** | **3.71** | **3.60** | **3.51** | **3.37** | **3.00** | **2.57** |
| 19 | **8.18** | **5.93** | **5.01** | **4.50** | **4.17** | **3.94** | **3.77** | **3.63** | **3.52** | **3.43** | **3.30** | **2.92** | **2.49** |
| 20 | **8.10** | **5.85** | **4.94** | **4.43** | **4.10** | **3.87** | **3.70** | **3.56** | **3.46** | **3.37** | **3.23** | **2.86** | **2.42** |
| 21 | **8.02** | **5.78** | **4.87** | **4.37** | **4.04** | **3.81** | **3.64** | **3.51** | **3.40** | **3.31** | **3.17** | **2.80** | **2.36** |
| 22 | **7.95** | **5.72** | **4.82** | **4.31** | **3.99** | **3.76** | **3.59** | **3.45** | **3.35** | **3.26** | **3.12** | **2.75** | **2.31** |
| 23 | **7.88** | **5.66** | **4.76** | **4.26** | **3.94** | **3.71** | **3.54** | **3.41** | **3.30** | **3.21** | **3.07** | **2.70** | **2.26** |
| 24 | **7.82** | **5.61** | **4.72** | **4.22** | **3.90** | **3.67** | **3.50** | **3.36** | **3.26** | **3.17** | **3.03** | **2.66** | **2.21** |
| 25 | **7.77** | **5.57** | **4.68** | **4.18** | **3.86** | **3.63** | **3.46** | **3.32** | **3.22** | **3.13** | **2.99** | **2.62** | **2.17** |
| 26 | **7.72** | **5.53** | **4.64** | **4.14** | **3.82** | **3.59** | **3.42** | **3.29** | **3.18** | **3.09** | **2.96** | **2.58** | **2.13** |
| 27 | **7.68** | **5.49** | **4.60** | **4.11** | **3.78** | **3.56** | **3.39** | **3.26** | **3.15** | **3.06** | **2.93** | **2.55** | **2.10** |
| 28 | **7.64** | **5.45** | **4.57** | **4.07** | **3.75** | **3.53** | **3.36** | **3.23** | **3.12** | **3.03** | **2.90** | **2.52** | **2.06** |
| 29 | **7.60** | **5.42** | **4.54** | **4.04** | **3.73** | **3.50** | **3.33** | **3.20** | **3.09** | **3.00** | **2.87** | **2.49** | **2.03** |
| 30 | **7.56** | **5.39** | **4.51** | **4.02** | **3.70** | **3.47** | **3.30** | **3.17** | **3.07** | **2.98** | **2.84** | **2.47** | **2.01** |
| 40 | **7.31** | **5.18** | **4.31** | **3.83** | **3.51** | **3.29** | **3.12** | **2.99** | **2.89** | **2.80** | **2.66** | **2.29** | **1.80** |
| 60 | **7.08** | **4.98** | **4.13** | **3.65** | **3.34** | **3.12** | **2.95** | **2.82** | **2.72** | **2.63** | **2.50** | **2.12** | **1.60** |
| 120 | **6.85** | **4.79** | **3.95** | **3.48** | **3.17** | **2.96** | **2.79** | **2.66** | **2.56** | **2.47** | **2.34** | **1.95** | **1.38** |
|  | **6.63** | **4.61** | **3.78** | **3.32** | **3.02** | **2.80** | **2.64** | **2.51** | **2.41** | **2.32** | **2.18** | **1.79** | **1.00** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Chi square distribution table | | |  | t-distribution table  (Two tailed) | | |  | t-distribution table  (One tailed) | | |
| d.f | **Level of significance** | | **d.f** | **Level of significance** | | **d.f** | **Level of significance** | |
| **1%** | **5%** | **1%** | **5%** | **1%** | **5%** |
| 1 | **6.63** | **3.84** | **1** | **63.66** | **12.71** | **1** | **31.82** | **6.314** |
| 2 | **9.21** | **5.99** | **2** | **9.925** | **4.303** | **2** | **6.965** | **2.920** |
| 3 | **11.3** | **7.81** | **3** | **5.841** | **3.182** | **3** | **4.541** | **2.353** |
| 4 | **13.3** | **9.49** | **4** | **4.604** | **2.776** | **4** | **3.747** | **2.132** |
| 5 | **15.1** | **11.1** | **5** | **4.032** | **2.571** | **5** | **3.365** | **2.015** |
| 6 | **16.8** | **12.6** | **6** | **3.707** | **2.447** | **6** | **3.143** | **1.943** |
| 7 | **18.5** | **14.1** | **7** | **3.499** | **2.365** | **7** | **2.998** | **1.895** |
| 8 | **20.1** | **15.5** | **8** | **3.355** | **2.306** | **8** | **2.896** | **1.860** |
| 9 | **21.7** | **16.9** | **9** | **3.250** | **2.262** | **9** | **2.821** | **1.833** |
| 10 | **23.2** | **18.3** | **10** | **3.169** | **2.228** | **10** | **2.764** | **1.812** |
| 11 | **24.7** | **19.7** | **11** | **3.106** | **2.201** | **11** | **2.718** | **1.796** |
| 12 | **26.2** | **21.0** | **12** | **3.055** | **2.179** | **12** | **2.681** | **1.782** |
| 13 | **27.7** | **22.4** | **13** | **3.012** | **2.160** | **13** | **2.650** | **1.771** |
| 14 | **29.1** | **23.7** | **14** | **2.977** | **2.145** | **14** | **2.624** | **1.761** |
| 15 | **30.6** | **25.0** | **15** | **2.947** | **2.131** | **15** | **2.602** | **1.753** |
| 16 | **32.0** | **26.3** | **16** | **2.921** | **2.120** | **16** | **2.583** | **1.746** |
| 17 | **33.4** | **27.6** | **17** | **2.898** | **2.110** | **17** | **2.567** | **1.740** |
| 18 | **34.8** | **28.9** | **18** | **2.878** | **2.101** | **18** | **2.552** | **1.734** |
| 19 | **36.2** | **30.1** | **19** | **2.861** | **2.093** | **19** | **2.539** | **1.729** |
| 20 | **37.6** | **31.4** | **20** | **2.845** | **2.086** | **20** | **2.528** | **1.725** |
| 21 | **38.9** | **32.7** | **21** | **2.831** | **2.080** | **21** | **2.518** | **1.721** |
| 22 | **40.3** | **33.9** | **22** | **2.819** | **2.074** | **22** | **2.508** | **1.717** |
| 23 | **41.6** | **35.2** | **23** | **2.807** | **2.069** | **23** | **2.500** | **1.714** |
| 24 | **43.0** | **36.4** | **24** | **2.797** | **2.064** | **24** | **2.492** | **1.711** |
| 25 | **44.3** | **37.7** | **25** | **2.787** | **2.060** | **25** | **2.485** | **1.708** |
| 26 | **45.6** | **38.9** | **26** | **2.779** | **2.056** | **26** | **2.479** | **1.706** |
| 27 | **47.0** | **40.1** | **27** | **2.771** | **2.052** | **27** | **2.473** | **1.703** |
| 28 | **48.3** | **41.3** | **28** | **2.763** | **2.048** | **28** | **2.467** | **1.701** |
| 29 | **49.6** | **42.6** | **29** | **2.756** | **2.045** | **29** | **2.462** | **1.699** |
| 30 | **50.9** | **43.8** | **30** | **2.750** | **2.042** | **30** | **2.457** | **1.697** |
| 31 | **52.2** | **45.0** | **\infty** | **2.576** | **1.960** | **\infty** | **2.326** | **1.645** |
| 32 | **53.5** | **46.2** |  |  |  |  |  |  |
| 33 | **54.8** | **47.4** |  |  |  |  |  |  |
| 34 | **56.1** | **48.6** |  |  |  |  |  |  |
| 35 | **57.3** | **49.8** |  |  |  |  |  |  |