

Changes to the Formulae and Tables for actuarial examinations

A new edition of the Formulae and Tables was released by the IFoA in 2025 (the red book). The 2026 ActEd materials for Subject CS1, CS2 and CM2 refer to information and pages in the red book. For the corresponding page in the previous edition (the orange book), where appropriate, see the cross-reference tables below.

Subject CS1

Chapter(s)	Section	Orange book	Red book
2	Methods and distributions	1-16	1-16
8	CRLB	23	19
9-10	Parametric inference	22-23	18
11-12	Linear regression and correlation	24-25	20-22
13	GLMs	27	24
14	Bayesian Methods	28	25
	EBCT Model 1	29	26
	EBCT Model 2	39	27

Two correlation formulae (Spearman's and Kendall's rank correlation coefficients) are available in the red book on page 22 but not available in the orange book.

Subject CS2

Chapter(s)	Section	Orange book	Red book
6, 15	Methods and distributions	1-16	1-16
18	Truncated moments	18	17
3-4, 8	CRLB	23	19
12, 14, 21	Linear regression and correlation	24-25	20-22
6-8, 11-12, 21	Mortality laws	32	29
7	Kaplan-Meier and Nelson-Aalen	33	30
10	Graduation tests	34	31
4-5	Markov jump processes	38	35
13-14	Time series (correlations)	40-41	37-38
13-14	Time series (tests)	42	39
6	Mortality table definitions	119-121	133-135
10	Critical values for the grouping of signs test	189	176

Two correlation formulae (Spearman's and Kendall's rank correlation coefficients) are available in the red book on page 22 but not available in the orange book.

Subject CM2

Chapter(s)	Section	Orange book	Red book
Throughout		1-16	1-16
13-14	Black-Scholes equations	18	17
7	Martingales	38	35
8	Ornstein-Uhlenbeck	39	36
2, 6	Risk aversion & CAPM	43	40
12	Binomial model	45	42
8	Ito's Lemma	46	43
13-14	Black-Scholes equations	47	44
10	Put-call parity	47	45

Statistical tables

Section	Orange book	Red book
Standard normal probabilities	160-161	148-149
Standard normal % points	162	150
Student's t % points	163	151
Chi-squared probabilities	164-166	152-154
Chi-squared % points	168-169	155-156
F % points	170-174	157-161
Poisson probabilities	175-185	162-172
Binomial probabilities	186-188	173-175