

TABLE 15.12

Coefficients and divisors for orthogonal comparisons in regressions:
Equally spaced treatments

Number of treatments	Degree of polynomial	Treatment totals						Divisor $= \sum c_i^2$
		T_1	T_2	T_3	T_4	T_5	T_6	
2	1	-1	+1					2
3	1	-1	0	+1				2
	2	+1	-2	+1				6
4	1	-3	-1	+1	+3			20
	2	+1	-1	-1	+1			4
	3	-1	+3	-3	+1			20
5	1	-2	-1	0	+1	+2		10
	2	+2	-1	-2	-1	+2		14
	3	-1	+2	0	-2	+1		10
	4	+1	-4	+6	-4	+1		70
6	1	-5	-3	-1	+1	+3	+5	70
	2	+5	-1	-4	-4	-1	+5	84
	3	-5	+7	+4	-4	-7	+5	180
	4	+1	-3	+2	+2	-3	+1	28
	5	-1	+5	-10	+10	-5	+1	252