

**Table A.2** Coefficients  $c_i$  for orthogonal polynomial trend contrasts

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$v = 3$				$v = 4$				
Trend	$c_1$	$c_2$	$c_3$	Trend	$c_1$	$c_2$	$c_3$	$c_4$
Linear	-1	0	1	Linear	-3	-1	1	3
Quadratic	1	-2	1	Quadratic	1	-1	-1	1
				Cubic	-1	3	-3	1

  

$v = 5$					
Trend	$c_1$	$c_2$	$c_3$	$c_4$	$c_5$
Linear	-2	-1	0	1	2
Quadratic	2	-1	-2	-1	2
Cubic	-1	2	0	-2	1
Quartic	1	-4	6	-4	1

  

$v = 6$						
Trend	$c_1$	$c_2$	$c_3$	$c_4$	$c_5$	$c_6$
Linear	-5	-3	-1	1	3	5
Quadratic	5	-1	-4	-4	-1	5
Cubic	-5	7	4	-4	-7	5
Quartic	1	-3	2	2	-3	1
Quintic	-1	5	-10	10	-5	1

  

$v = 7$							
Trend	$c_1$	$c_2$	$c_3$	$c_4$	$c_5$	$c_6$	$c_7$
Linear	-3	-2	-1	0	1	2	3
Quadratic	5	0	-3	-4	-3	0	5
Cubic	-1	1	1	0	-1	-1	1
Quartic	3	-7	1	6	1	-7	3
Quintic	-1	4	-5	0	5	-4	1
Sextic	1	-6	15	-20	15	-6	1

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