TABLE 8.16-1 (continued)

4	$SS_{AC} = [AC] - [A] - [C] + [X]$	$(p-1)(r-1)$	$[\frac{4}{5}]$
5	$SS_{\text{subj w.groups}} = [ACS] - [AC]$	$pr(n-1)$	
6	$SS_{\text{within subj}} = [ABCDS] - [ACS]$	$npr(qu-1)$	
7	$SS_B = [B] - [X]$	$q-1$	$[\frac{7}{11}]$
8	$SS_{AB} = [AB] - [A] - [B] + [X]$	$(p-1)(q-1)$	$[\frac{8}{11}]$
9	$SS_{BC} = [BC] - [B] - [C] + [X]$	$(q-1)(r-1)$	$[\frac{9}{11}]$
10	$SS_{ABC} = [ABC] - [AB] - [AC]$ $- [BC] + [A] + [B]$ $+ [C] - [X]$	$(p-1)(q-1)(r-1)$	$[\frac{10}{11}]$
11	$SS_{B \times \text{subj w.groups}} = [ABCS] - [ABC] - [ACS]$ $+ [AC]$	$pr(n-1)(q-1)$	
12	$SS_D = [D] - [X]$	$u-1$	$[\frac{12}{16}]$
13	$SS_{AD} = [AD] - [A] - [D] + [X]$	$(p-1)(u-1)$	$[\frac{13}{16}]$
14	$SS_{CD} = [CD] - [C] - [D] + [X]$	$(r-1)(u-1)$	$[\frac{14}{16}]$
15	$SS_{ACD} = [ACD] - [AC] - [AD]$ $- [CD] + [A] + [C]$ $+ [D] - [X]$	$(p-1)(r-1)(u-1)$	$[\frac{15}{16}]$
16	$SS_{D \times \text{subj w.groups}} = [ACDS] - [ACD] - [ACS]$ $+ [AC]$	$pr(n-1)(u-1)$	
17	$SS_{BD} = [BD] - [B] - [D] + [X]$	$(q-1)(u-1)$	$[\frac{17}{21}]$
18	$SS_{ABD} = [ABD] - [AB] - [AD]$ $- [BD] + [A] + [B]$ $+ [D] - [X]$	$(p-1)(q-1)(u-1)$	$[\frac{18}{21}]$
19	$SS_{BCD} = [BCD] - [BC] - [BD]$ $- [CD] + [B] + [C]$ $+ [D] - [X]$	$(q-1)(r-1)(u-1)$	$[\frac{19}{21}]$
20	$SS_{ABCD} = [ABCD] - [ABC] - [ABD]$ $[ACD] - [BCD] + [AB]$ $+ [AC] + [AD] + [BC]$ $+ [BD] + [CD] - [A] - [B]$ $- [C] - [D] + [X]$	$(p-1)(q-1)(r-1)(u-1)$	$[\frac{20}{21}]$
21	$SS_{BD \times \text{subj w.groups}} = [ABCDS] - [ABCD]$ $- [ABCS] - [ACDS]$ $+ [ABC] + [ACD] + [ACS]$ $- [AC]$	$pr(n-1)(q-1)(u-1)$	
22	$SS_{\text{total}} = [ABCDS] - [X]$	$npqru - 1$	