| Function | Definition | ARMv8 | MIPS64 | PowerPC | SPARC v.9 |
|------------------|--|-------|--|---------------------|----------------------|
| Delayed branches | Delayed branches with/without cancellation | | BEQ, BNE, BGTZ, BLEZ, BC×EQZ, BC×NEZ | | BPcc, A, FPBcc, A |
| Conditional trap | Traps if a condition is true | | TEQ, TNE, TGE, TLT, TGEU, TLTU | TW, TD, TWI, TDI | Tcc |

FIGURE E.18 Control instructions not found in RV64G core but found in two or more of the other architectures. MIPS64 Release 6 has nondelayed and normal delayed branches, while SPARC v.9 has delayed branches with cancellation based on the static prediction.

Copyright © 2021 Elsevier Inc. All rights reserved