

Event category	Discriminating variable	Reconstructed using	Shown in
W^-qq	VLQ mass	Lepton, neutrino, leading central jet	Figs. ??, ??
Zqq	VLQ mass	Two opposite-sign leptons, leading central jet	Fig. ??
ZqHq	VLQ mass	Two opposite-sign leptons, high- p_T anti-tagged, jet with the largest ΔR separation from the Z boson candidate	Fig. ??
VqZq semileptonic	VLQ mass	Two opposite-sign leptons, high- p_T anti-tagged, jet with the largest ΔR separation from the Z boson candidate	Fig. ??
WqWq	S_T	See Section ??	Fig. ??
VqZq leptonic	Event count	See Section ??	Table ??