CC search: Definition of signal regions and their corresponding control regions (CR). The subregions of signal regions are denoted by tags in parentheses described in the text. For jets, the attributes "soft" and "hard" refer to the p_T ranges 30–60 GeV and > 60 GeV, respectively.

Variable	Common to all SRs					
Number of hard jets	≤ 2					
$\Delta \phi$ (hard jets) (rad)	< 2.5					
$E_{\rm T}^{\rm miss}$ (GeV)	> 300					
Lepton rejection	no $ au$, or additional ℓ with $p_{\mathrm{T}} > 20 \mathrm{GeV}$					
	SR1			SR2		
$H_{\rm T}$ (GeV)	> 400			> 300		
$p_{\rm T}$ (ISR jet) (GeV)	> 100			> 325		
Number of b jets	0			≥ 1 soft, 0 hard		
$ \eta(\ell) $	< 1.5			< 2.4		
	SR1a	SR1b	SR1c	SR2a	SR2b	SR2c
$M_{\rm T}$ (GeV)	< 60	60–95	> 95	< 60	60–95	> 95
$Q(\ell)$	-1	-1	any	any	any	any
$p_{\rm T}(\mu)$ (GeV)	3.5–5 (VL)	3.5–5 (VL)	-	3.5–5 (VL)	3.5–5 (VL)	-
$p_{\rm T}({\rm e},\mu)$ (GeV)	5–12 (L)	5–12 (L)	5–12 (L)	5–12 (L)	5–12 (L)	5–12 (L)
	12–20 (M)	12–20 (M)	12–20 (M)	12–20 (M)	12–20 (M)	12–20 (M)
	20–30 (H)	20–30 (H)	20–30 (H)	20–30 (H)	20–30 (H)	20–30 (H)
	> 30 (CR)	> 30 (CR)	> 30 (CR)	> 30 (CR)	> 30 (CR)	> 30 (CR)
$C_{\rm T}$ (GeV)	$300 < C_{\rm T1} < 400 ({\rm X})$			$300 < C_{\text{T2}} < 400 (\text{X})$		
	$C_{\rm T1} > 400 ({ m Y})$			$C_{\rm T2} > 400 ({\rm Y})$		