

CR  $\bar{t}t + \bar{t}tX$ 

A vertical bar chart showing the distribution of 1000 data points across 10 categories. The categories are labeled 1 through 10. The distribution is highly skewed, with category 1 having the highest frequency (approximately 400) and category 10 having the lowest (approximately 10). The bars are colored yellow and red.

$tHq$ ( $y_{\tau}=-1$ )	$t\bar{t}W$	$t\bar{t}Z$	$t\bar{t}H$	$tZq$	$tW$	Z+jets	Diboson	minor bkg	minor bkg	minor bkg
$tHq$ ( $y_{\tau}=1$ )	$t\bar{t}W$	$t\bar{t}Z$	$t\bar{t}H$	$tZq$	$tW$	Z+jets	Diboson	minor bkg	minor bkg	minor bkg