

	$\hat{\mathbb{I}}_{\text{sig}}^{2\text{D}} \text{ cut}$	$\hat{\mathbb{C}}_{\text{H}}^{2\text{D}} \text{ cut}$	$\alpha_{\text{max}} \text{ cut}$
$\text{VS}_1$	$\leq 1.25$	$\leq -1.5$	$\geq 0.45$
$\text{VS}_2$	$\leq 1.25$	$\leq -1.5$	$\leq 0.45$
$\text{VS}_3$	$\geq 1.25$	$\leq -1.5$	$\leq 0.45$
$\text{VS}_4$	$\leq 1.25$	$\geq -1.5$	$\leq 0.45$
$\text{VS}_5$	$\geq 1.25$	$\leq -1.5$	$\geq 0.45$
$\text{VS}_6$	$\leq 1.25$	$\geq -1.5$	$\geq 0.45$
$\text{VS}_7$	$\geq 1.25$	$\geq -1.5$	$\geq 0.45$
$\text{Sig S}$	$\geq 1.25$	$\geq -1.5$	$\leq 0.45$