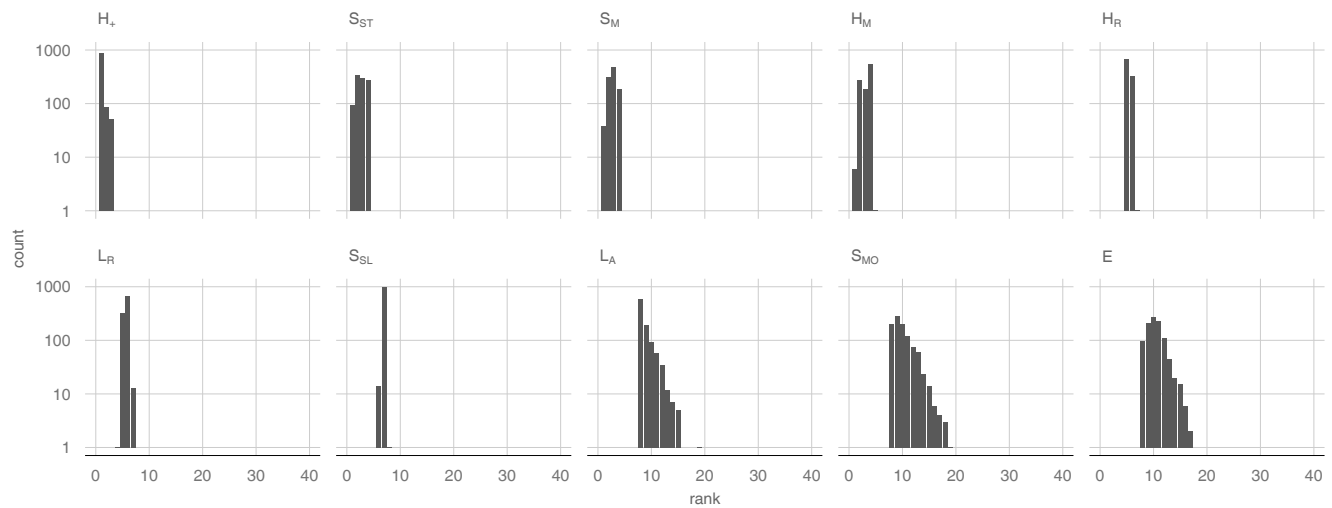


(a) $c_{\text{rank winter}}$



(b) $c_{\text{rank summer}}$