$\left(\sum_{t=\ell}^{h} e_t (\hat{\Sigma}_{\ell}^r)^{-1} e_t' \sum_{t=\ell}^{r-\ell+1} e_t (\hat{\Sigma}_{\ell}^r)^{-1} e_t'\right)$

 $r-\ell+1$

 $C_{\ell}^{r}(h) =$

 $\sqrt{2k(r-\ell+1)}$