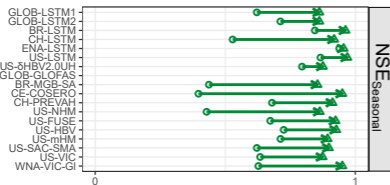


Based on the overall NSE, GLOB-LSTM performs **significantly better** in highly seasonal catchments (Δ , NSE = 0.74) than in less seasonal catchments (\circ , NSE = 0.54)

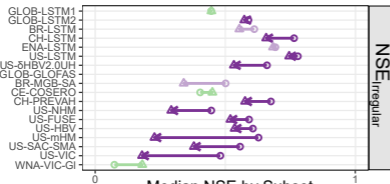


Based on the interannual NSE, GLOB-LSTM performs **significantly worse** in highly seasonal catchments (Δ , NSE = 0.55) than in less seasonal catchments (\circ , NSE=0.67)



Catchment Subset

- Δ Highly Seasonal ($\sigma^2_{\text{seasonal}}/\sigma^2_o > 0.5$)
- \circ Less Seasonal ($\sigma^2_{\text{seasonal}}/\sigma^2_o \leq 0.5$)



Performance in highly seasonal catchments is:

- Significantly Better
- Better
- Equal
- ← Worse
- ← Significantly Worse

Median NSE by Subset