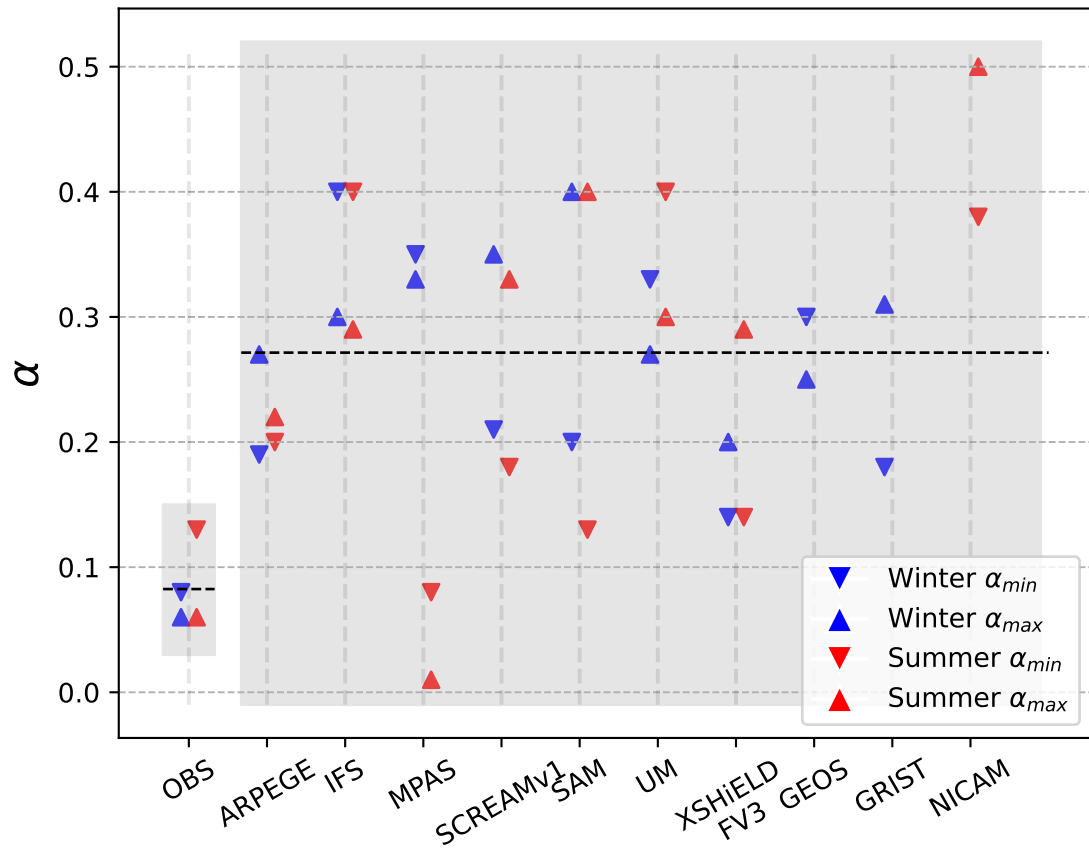


**(a)** Winter and Summer optimized  $\alpha$



**(b)** OBS Winter Mutual Information Optimization

