



Predictive  
System

## Aim 2: Identify Correlations

Can we use the high dimensional fields (SST, SLP) to identify connections between remote regions in space and time.

**Goal:** Identify climate drivers of variability from data

**Challenge:** Crazy high dimensions (atmospheric levels  $[z]$ , geographic regions  $[x,y]$ , lagged in time, multiple variables - 5D space)



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