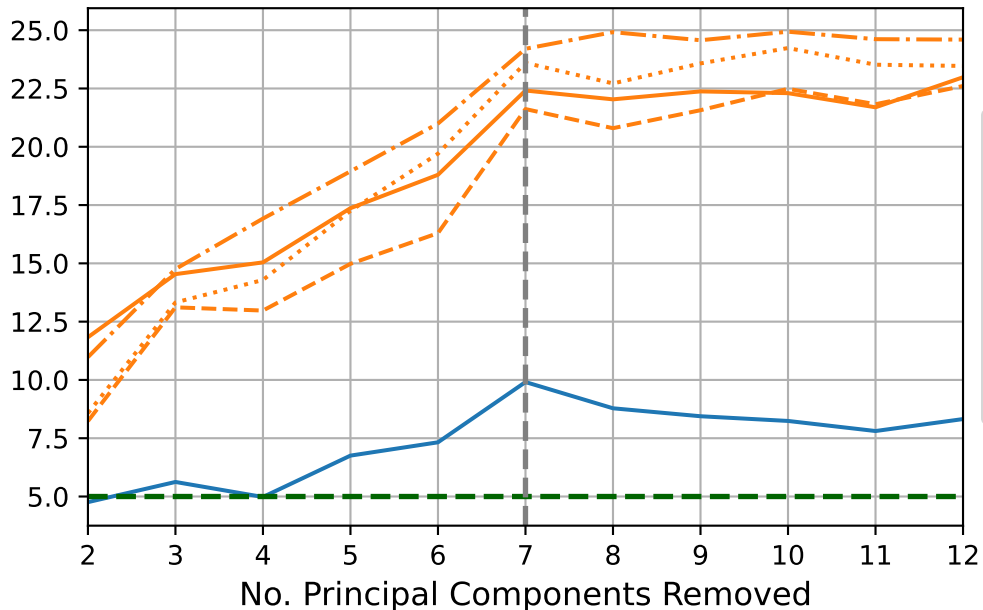


Detection S/N



- No injection at $(\Delta v_{\text{sys}}, \Delta K_p) = (0, 0)$ km/s
- Injected at $(\Delta v_{\text{sys}}, \Delta K_p) = (-30, -30)$ km/s
- - - Injected at $(\Delta v_{\text{sys}}, \Delta K_p) = (30, -30)$ km/s
- ... Injected at $(\Delta v_{\text{sys}}, \Delta K_p) = (30, 30)$ km/s
- . - . Injected at $(\Delta v_{\text{sys}}, \Delta K_p) = (-30, 30)$ km/s
- - - Detection Threshold ($S/N > 5$)
- - - Number of components used in this work