

Architecture difference, hypothesis, and test matrix

Three task families map control mechanisms to observable outcomes before reading Pilot B results

Task family	Architecture difference	Test hypothesis	Primary observations
Alternative path	Route history vs explicit dependency state	Can execution switch after a frozen route failure?	success · path switch calls · tokens
Open evidence	Free evidence search vs tracked evidence state	Can key facts be retained without false evidence?	fact recall · false evidence repeated actions
Parallel decomposition	Serial planning vs bounded independent branches	Can parallel work shorten the critical path without merge loss?	critical path · omissions success · total cost