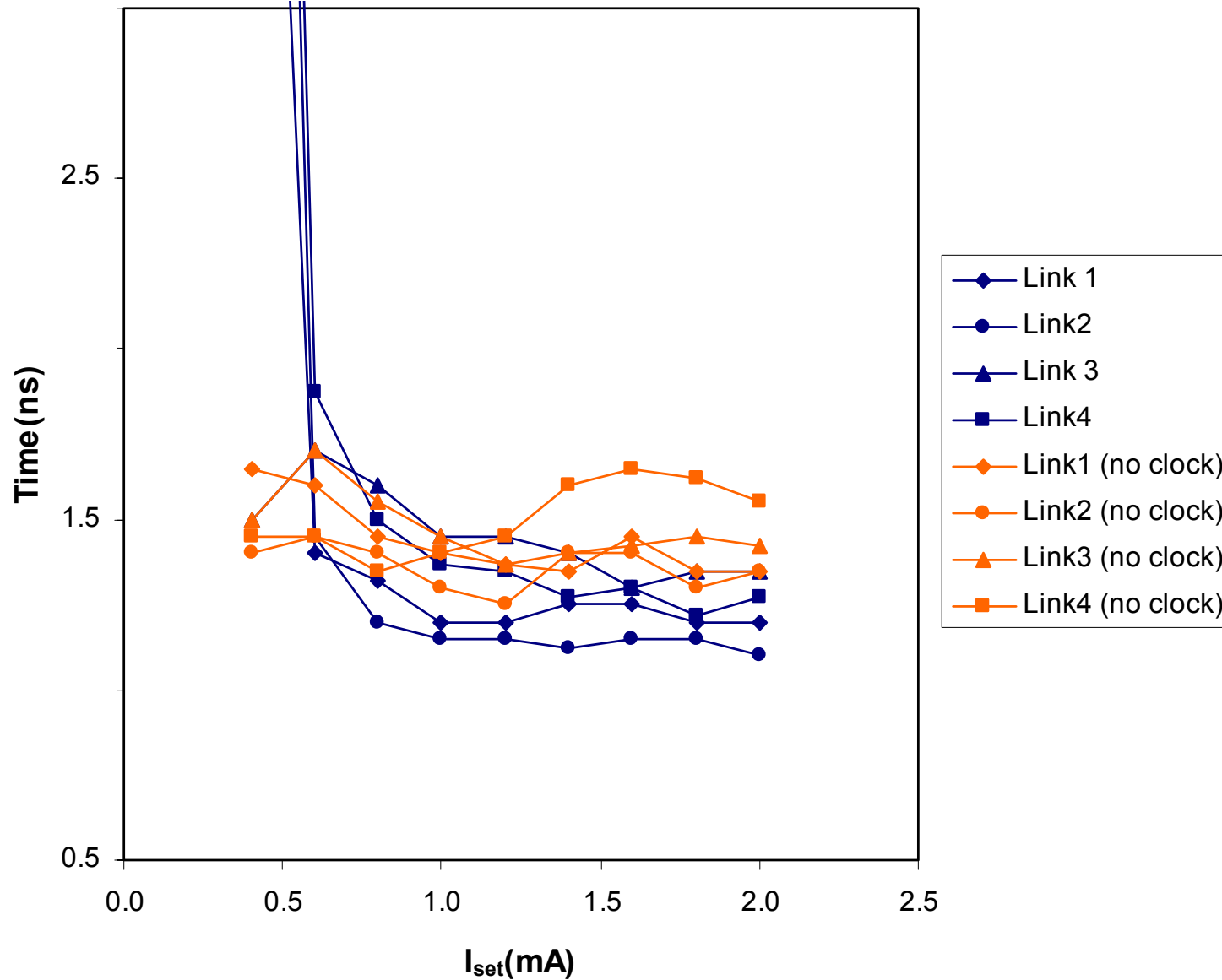
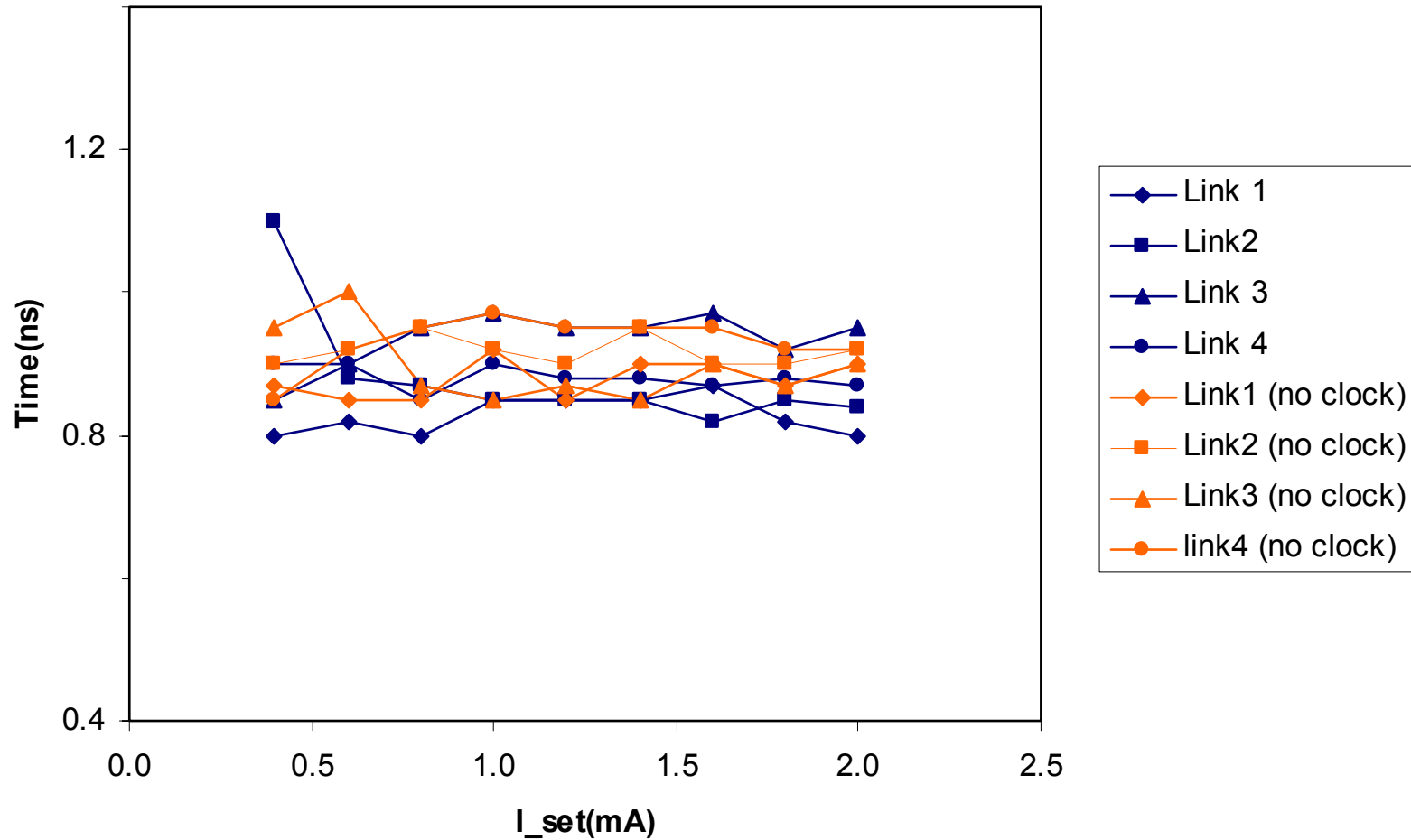


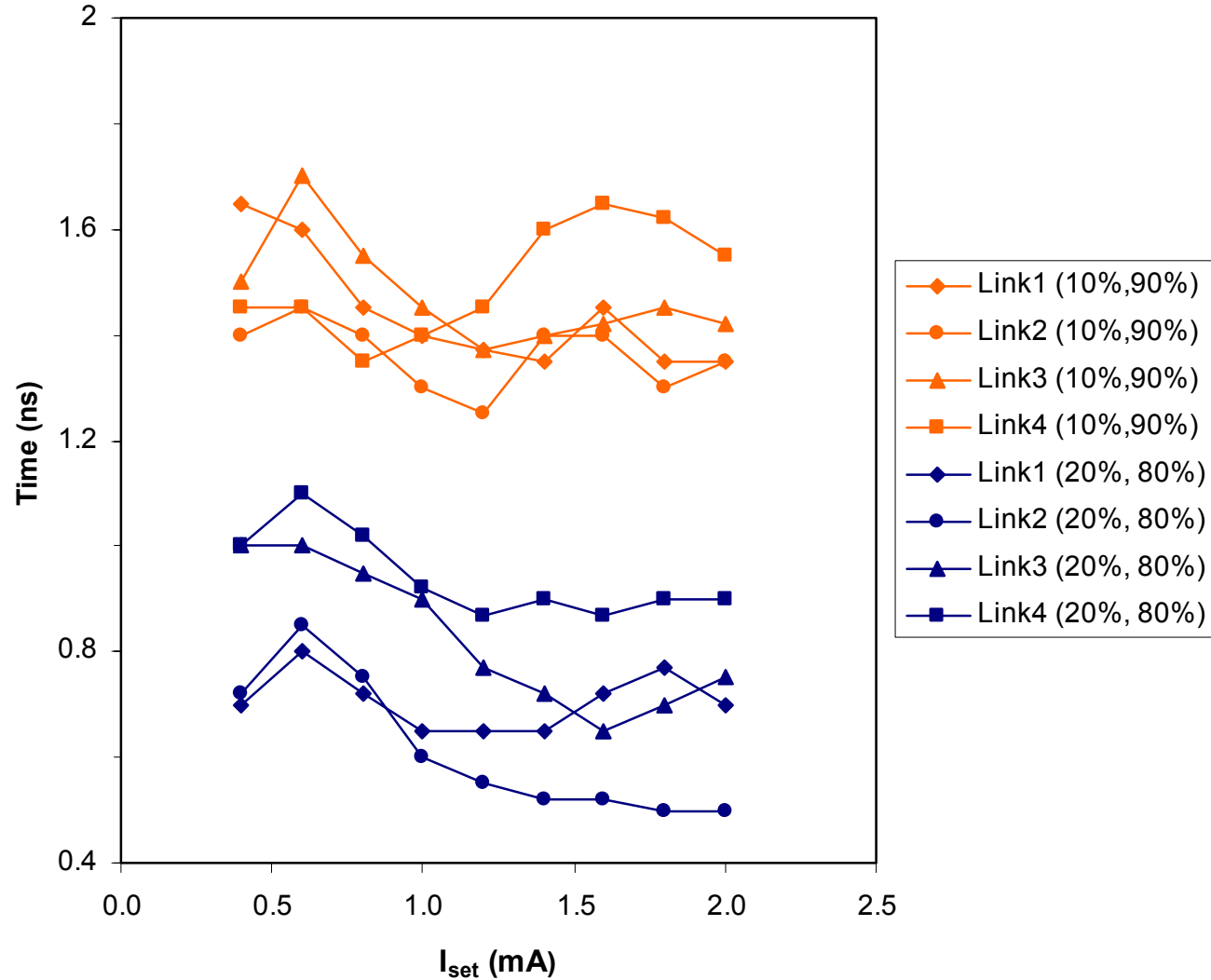
# Data Rise Times With and Without the Clock at (10%, 90%)



# Data Fall Times With and Without the Clock at (10%, 90%)

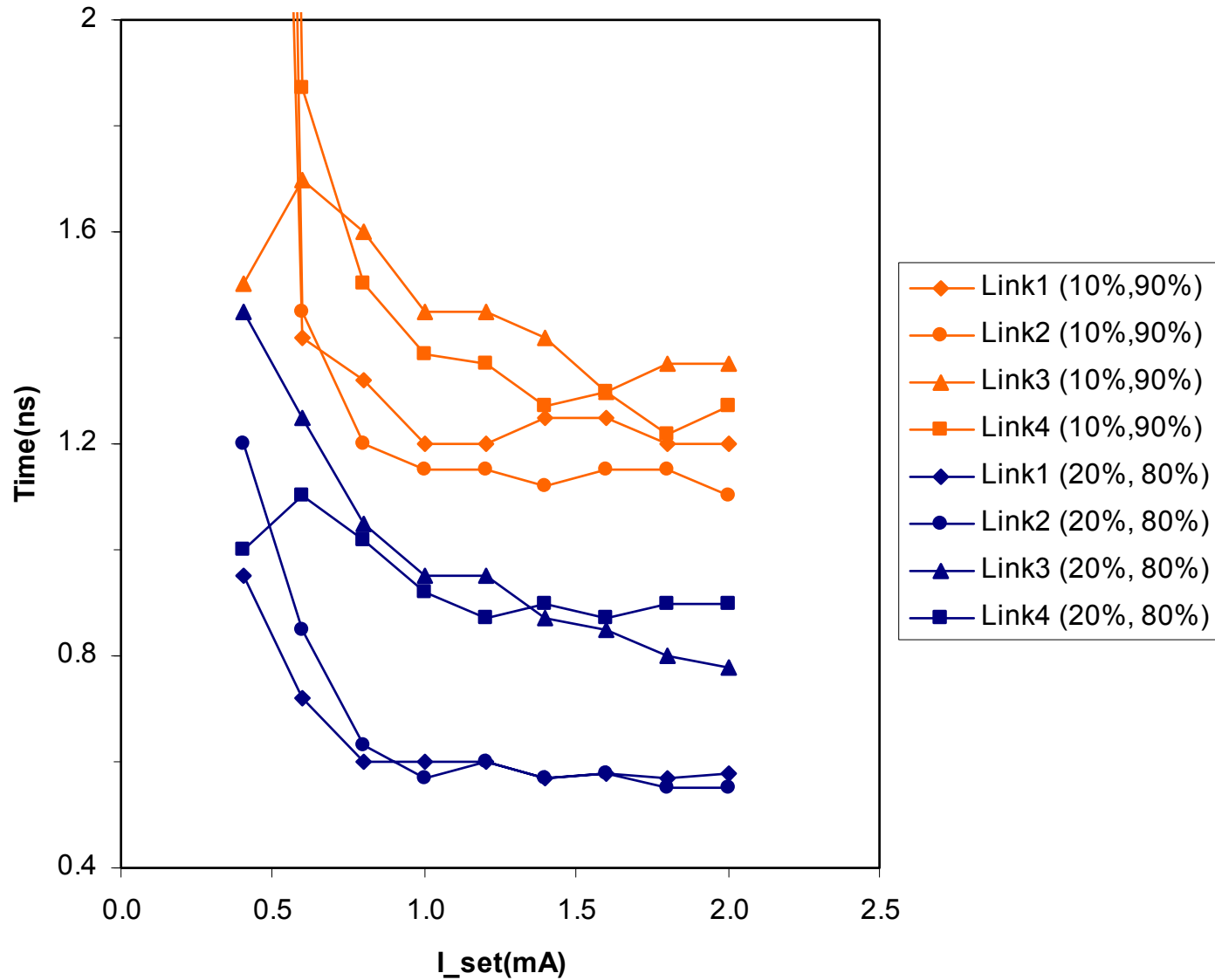


# Overlay of Rise Times at (10%, 90%) and (20%, 80%), With no Clock

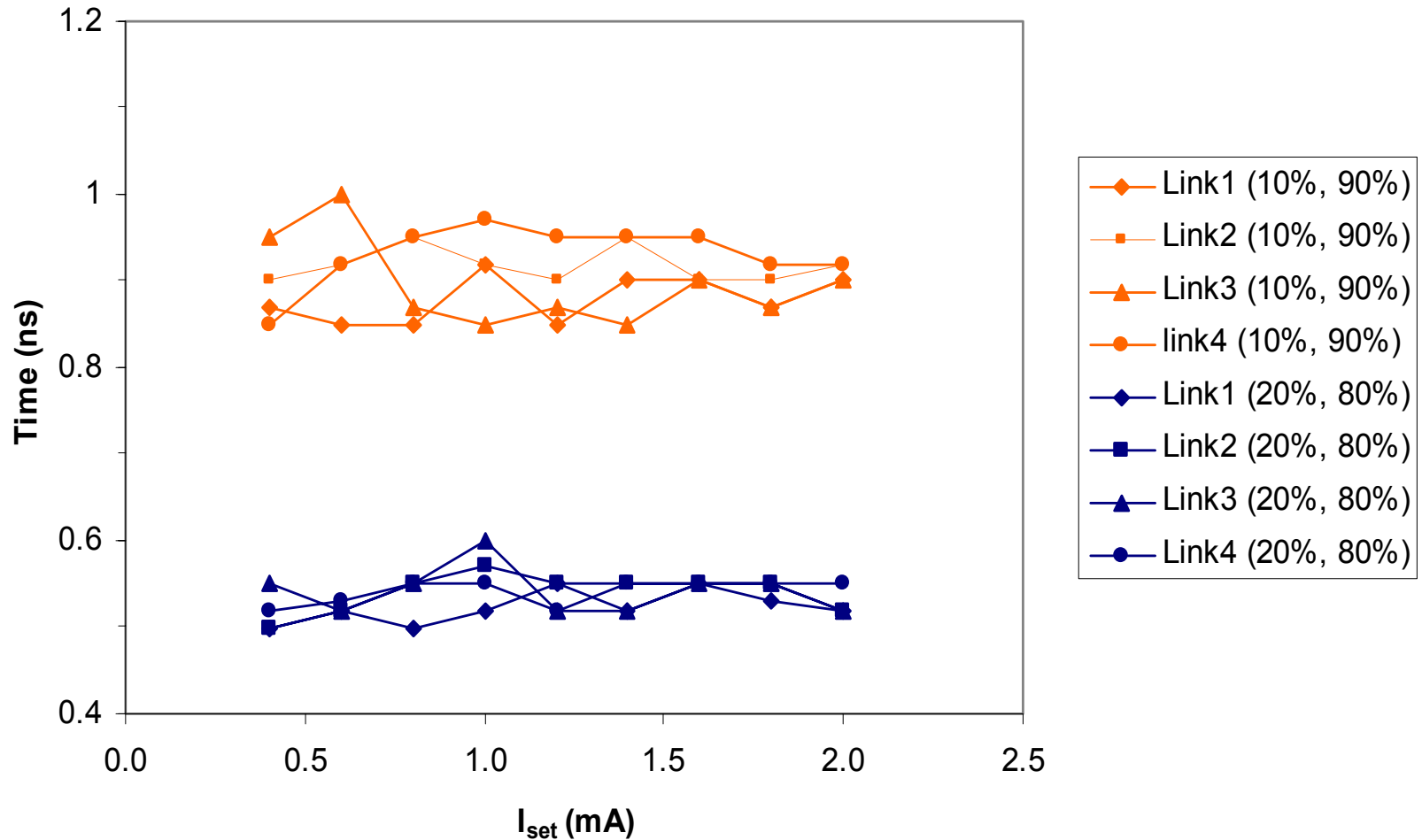


• The (10%, 90%) average is higher by roughly a factor of 2

# Overlay of Rise Times at (10%, 90%) and (20%, 80%), With Clock

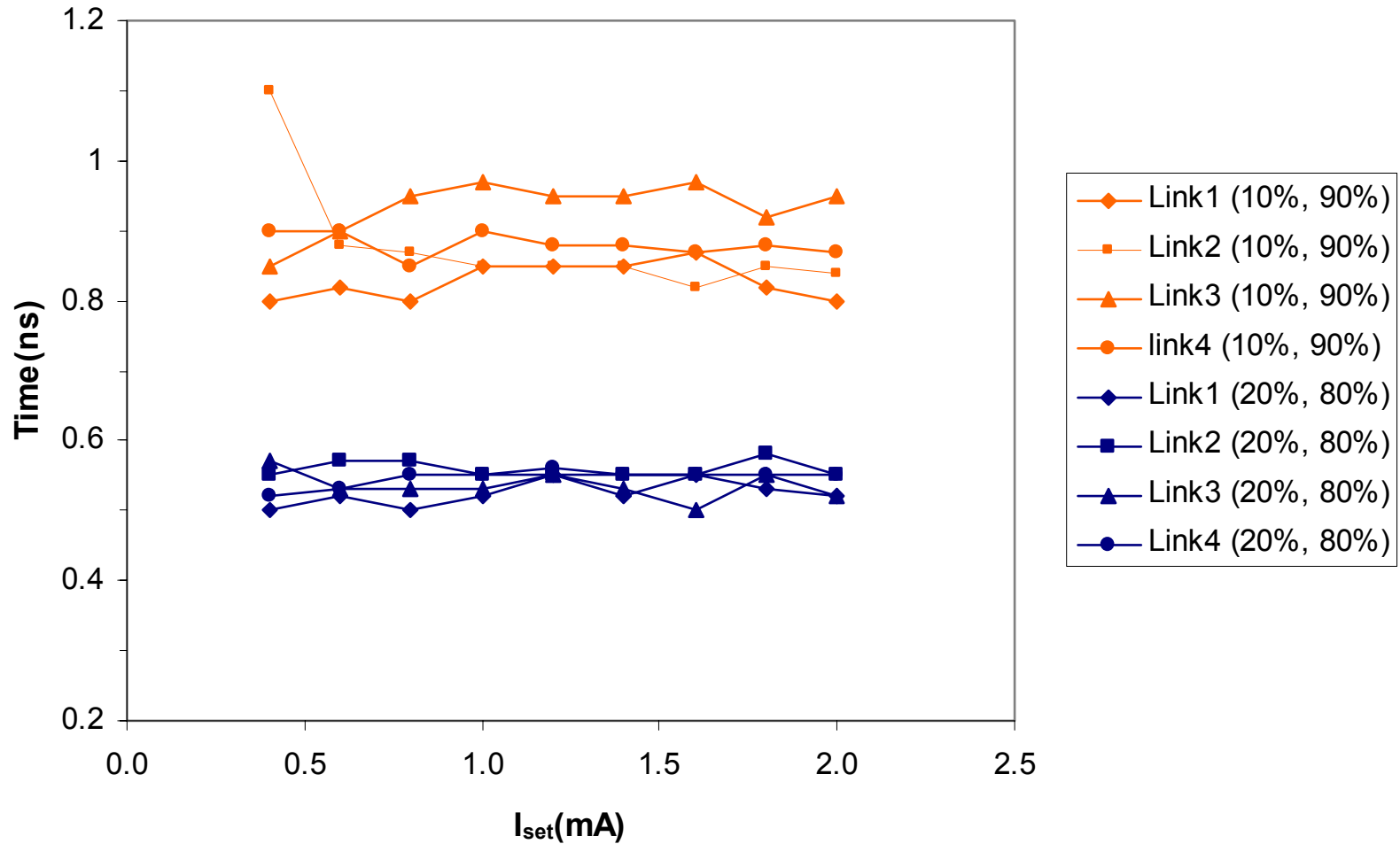


# Overlay of Fall Times at (10%, 90%) and (20%, 80%), With no Clock

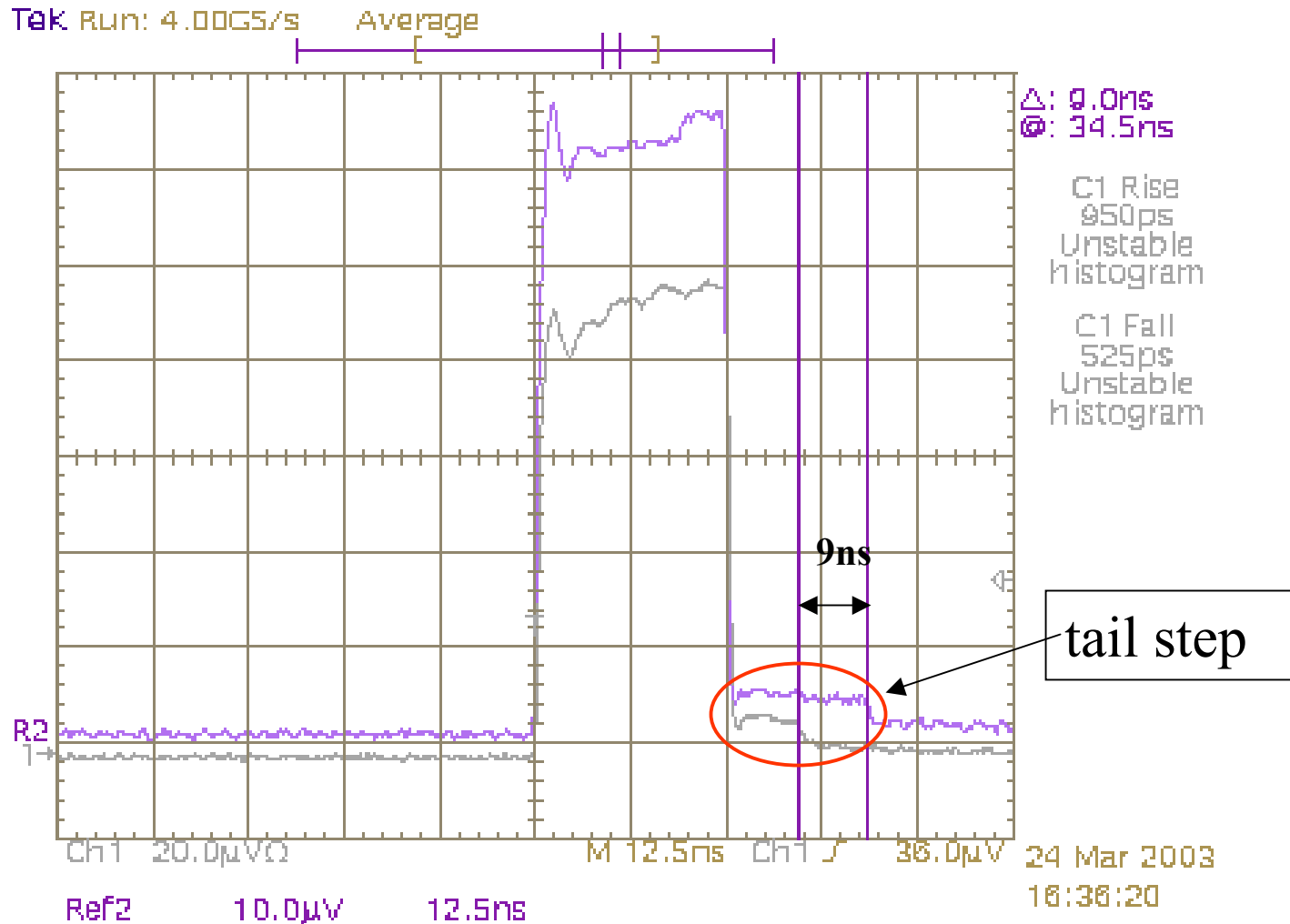


The (10%, 90%) average is higher by roughly a factor of 1.8

# Overlay of Fall Times at (10%, 90%) and (20%, 80%), With Clock



# Steep Rise in Amplitude is Due to Optical Reflection



- Replacing the 39" (gray) optical cable with a 77" (purple) cable shifted the tail step by 9ns.