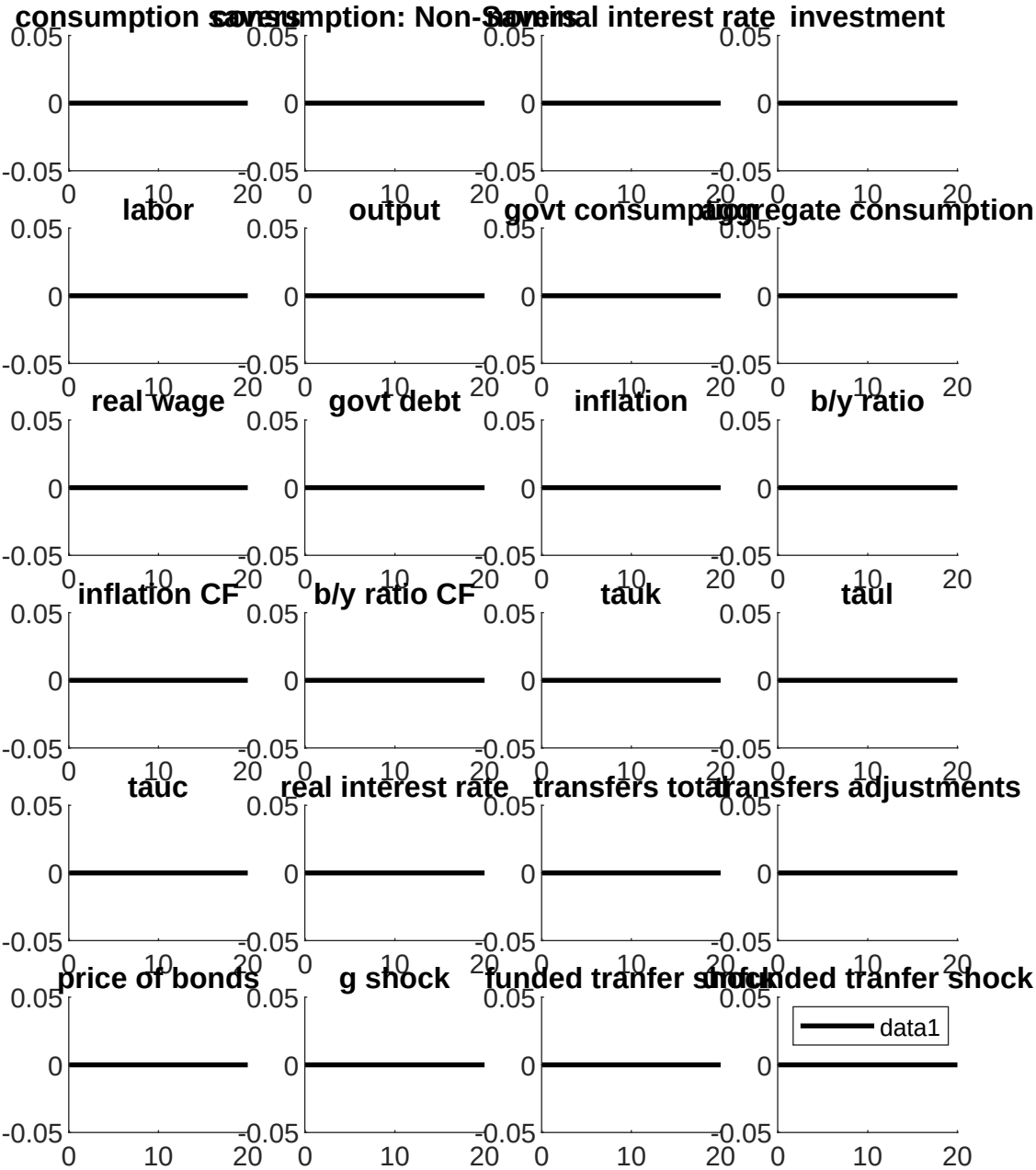FWG path factor IRF