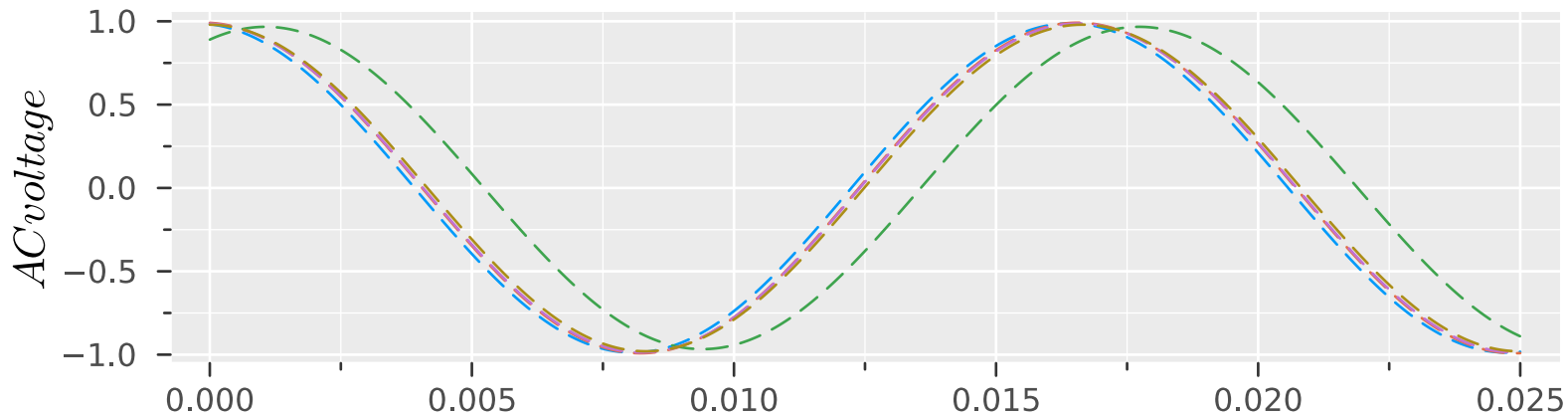
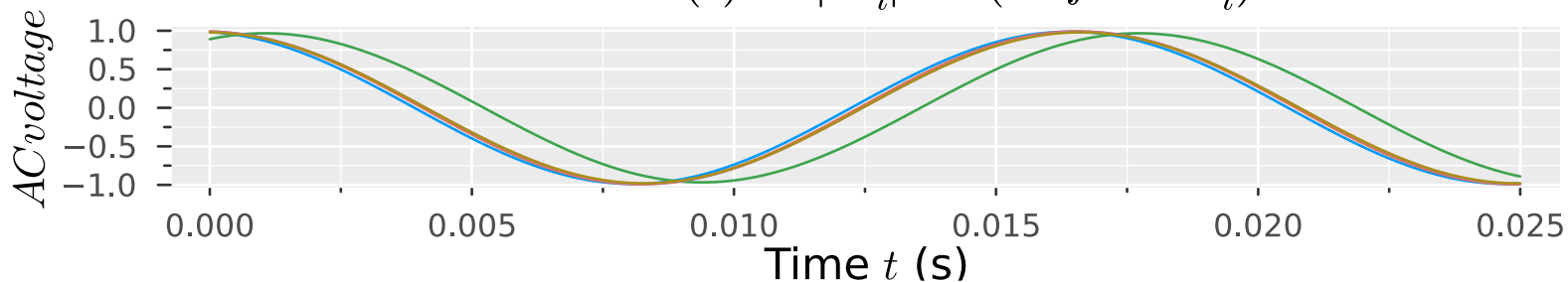


$$\text{est. } \hat{v}_i(t) = |\bar{v}_i| \cos(2\pi f t - \hat{\theta}_i)$$



$$\text{actual } v(t) = |\bar{v}_i| \cos(2\pi f t - \theta_i)$$



Bus i 49 57 23 48 47