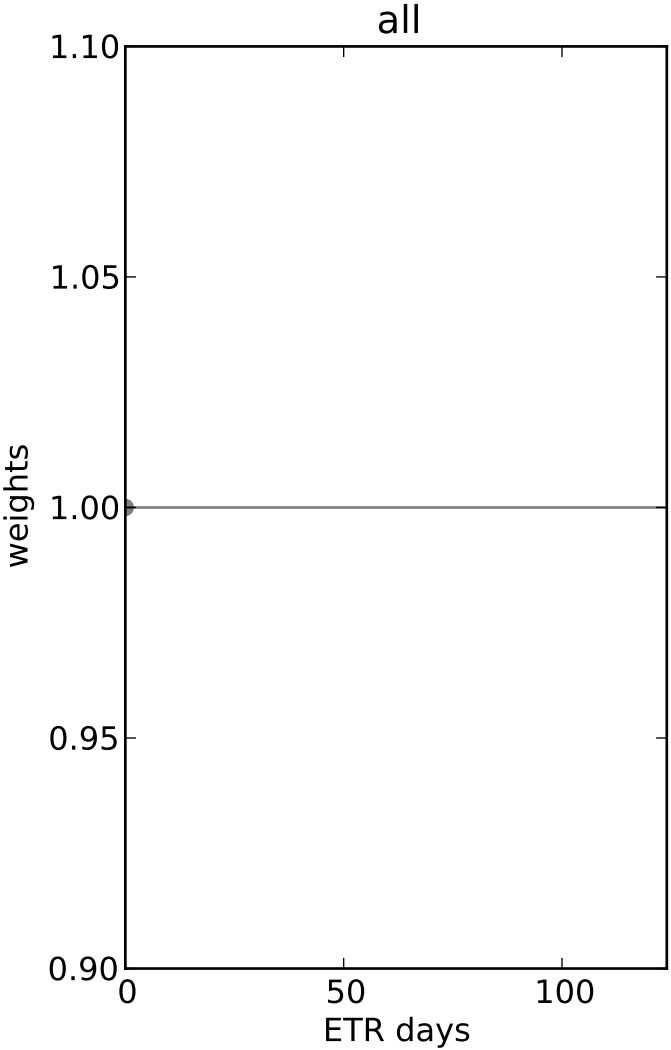weights Satoshi_Ishii