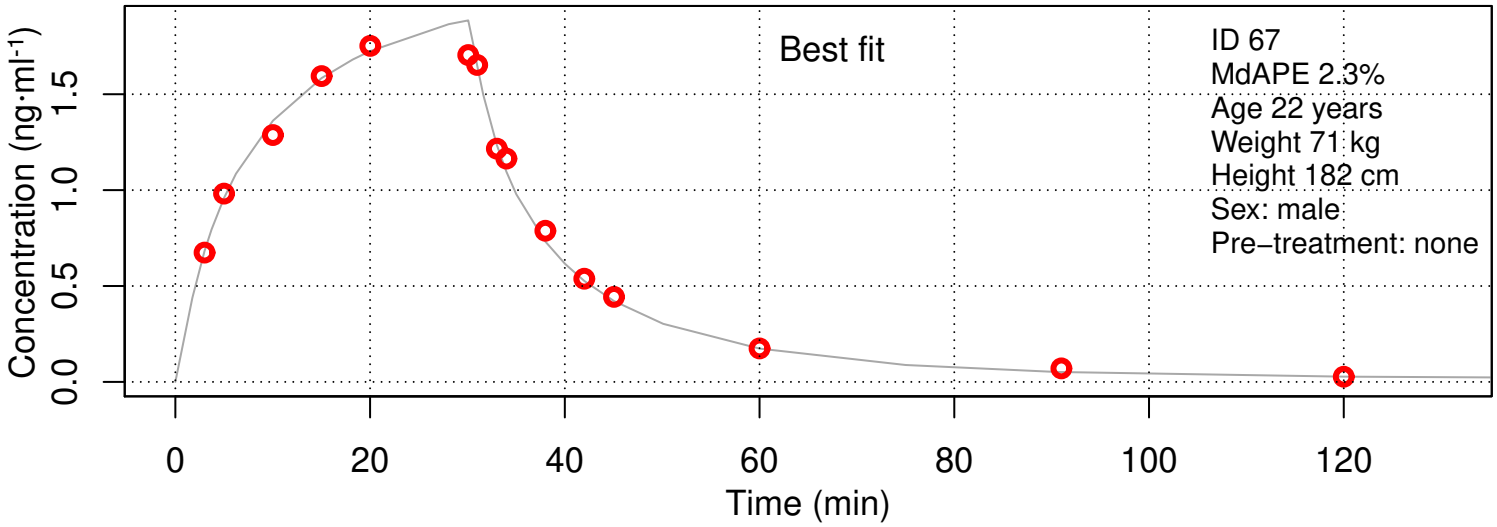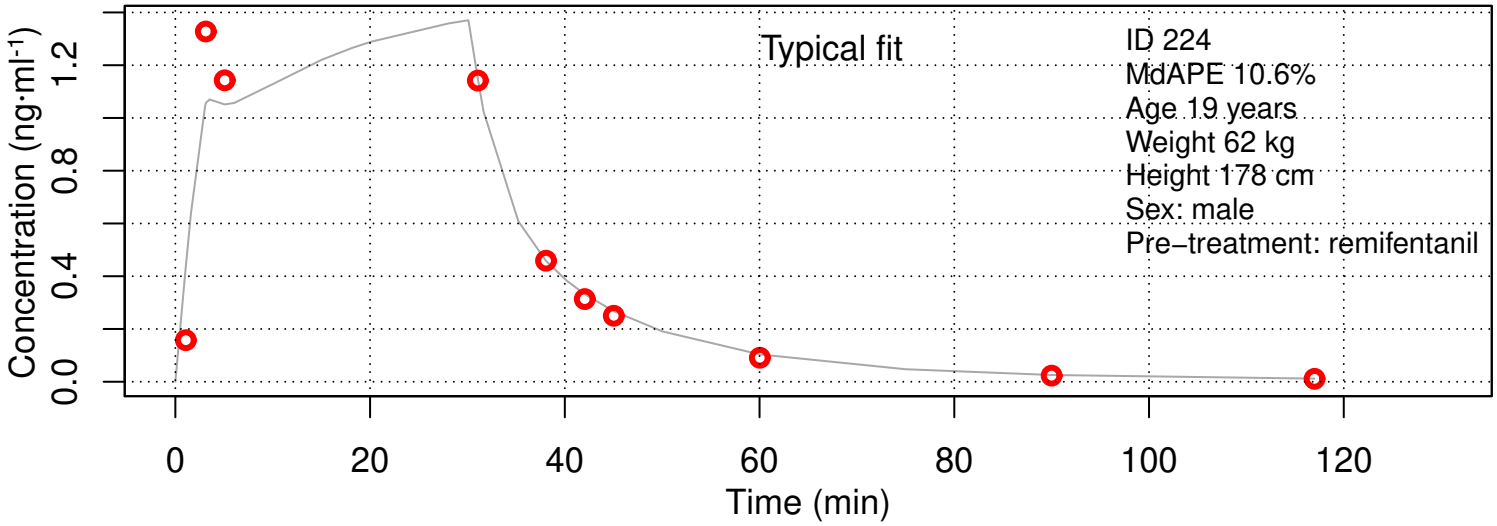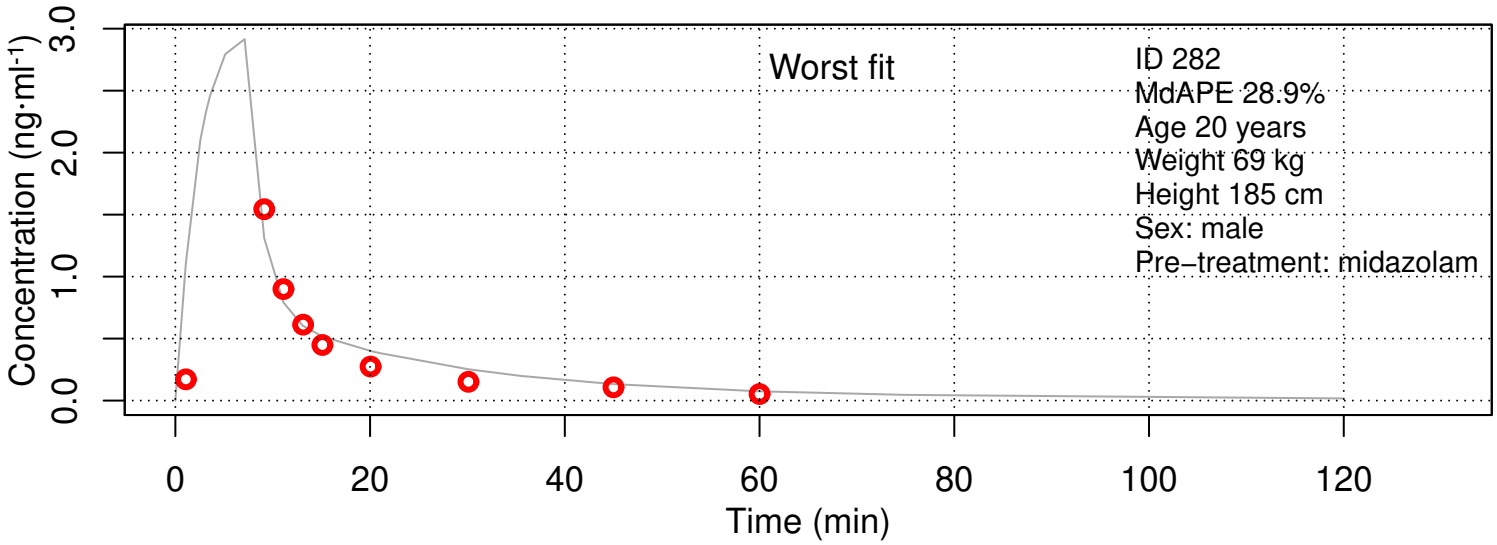ABP−700, arterial samples