



**Fig. 6** Comparison of sections of a generalized additive model (GAM). The model is fitted to two one-minute sections of central venous pressure (CVP) recordings. One section before a 250 ml fluid

infusion and one after. A grey shade in panel c represents 95% confidence intervals (often too narrow to be visible). The constant terms ( $\alpha$  and  $\beta_s$ ) are included in all predictions (b, c and d)