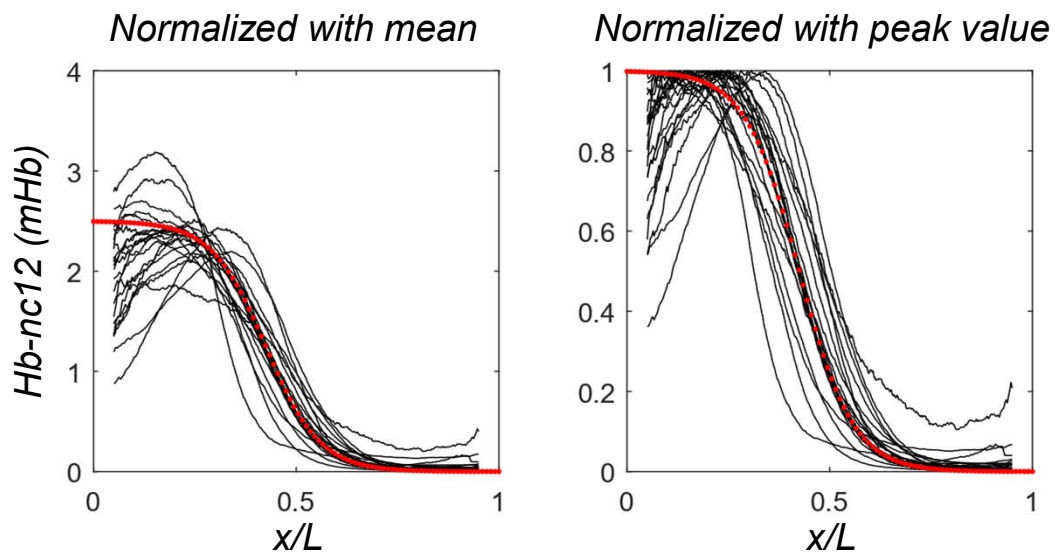
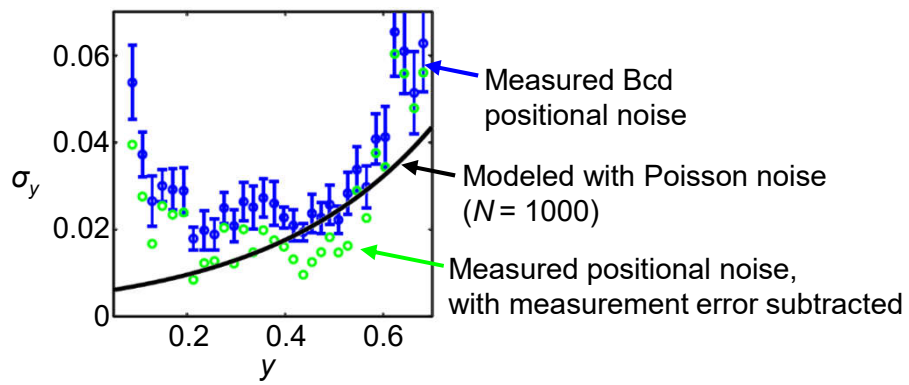


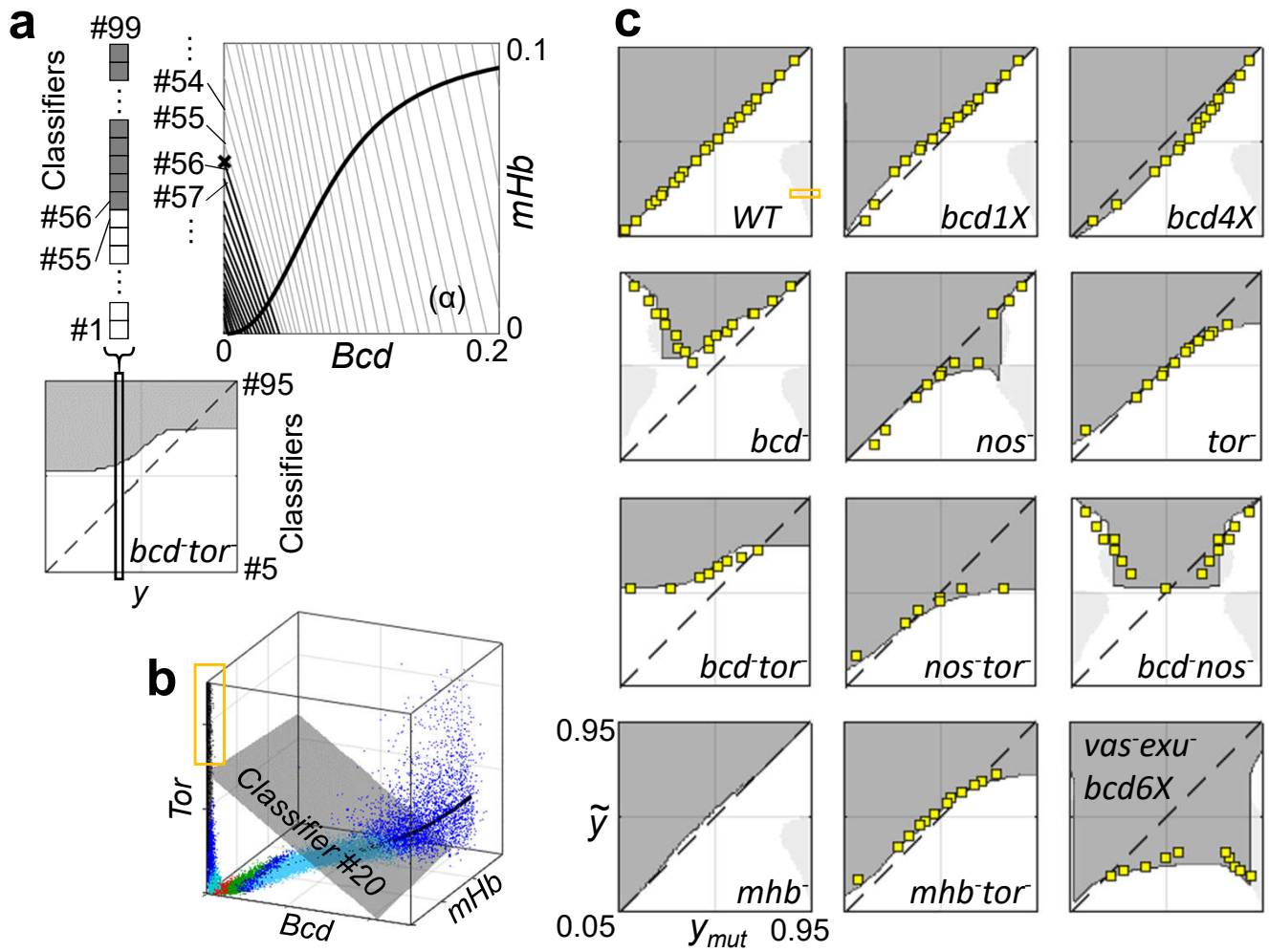
**Fig. S1**



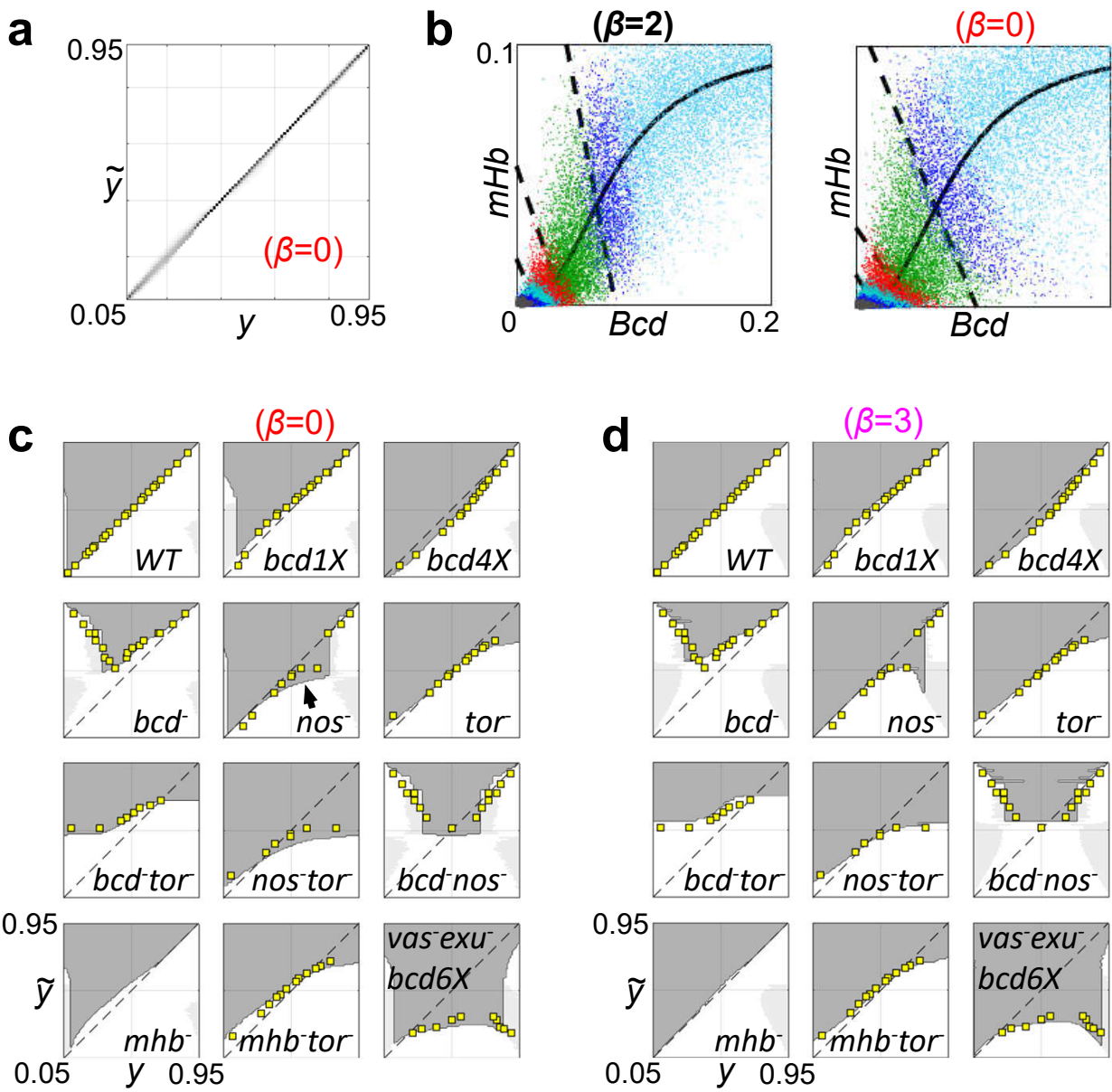
**Fig. S2**



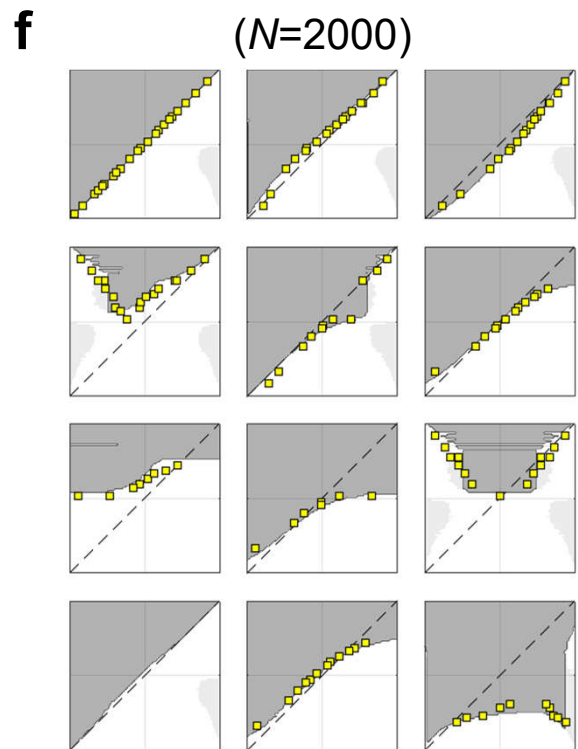
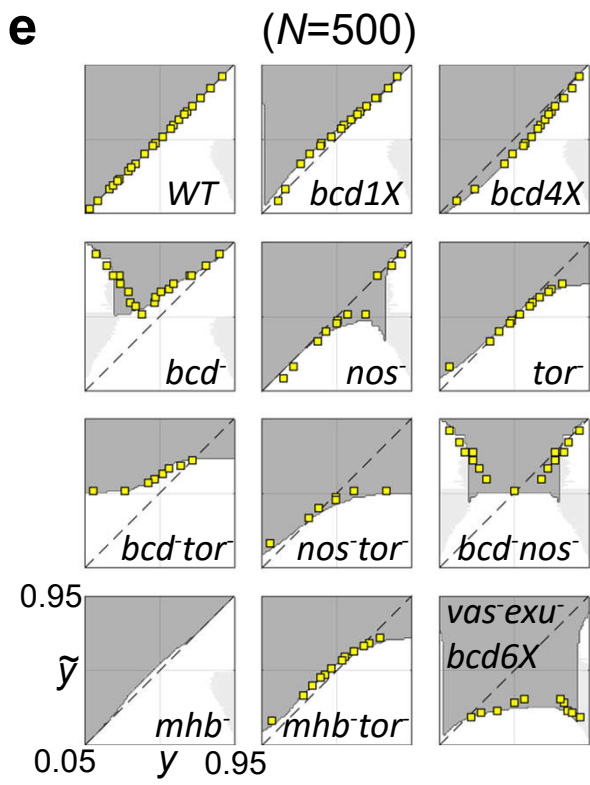
**Fig. S3**



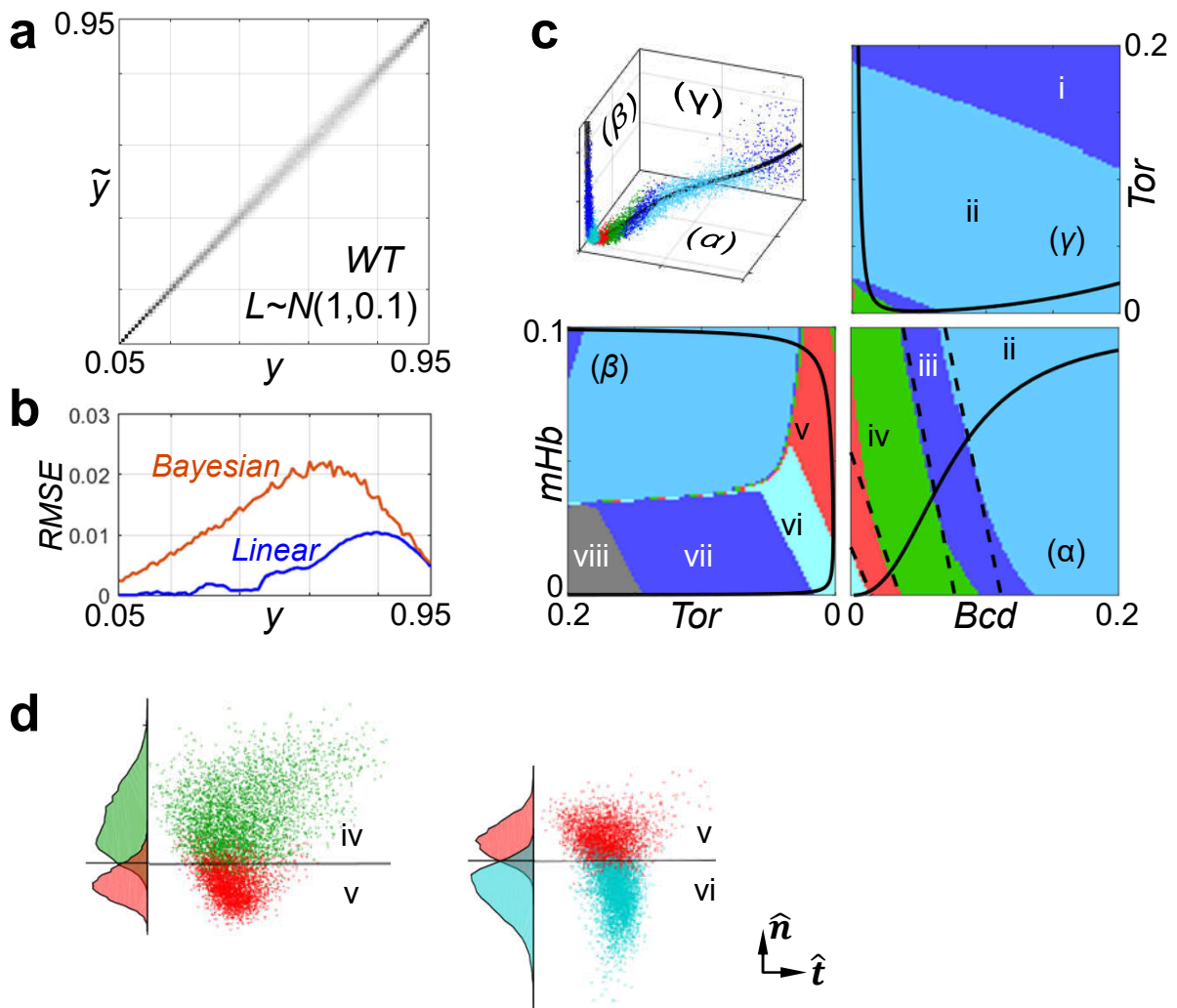
**Fig. S4**



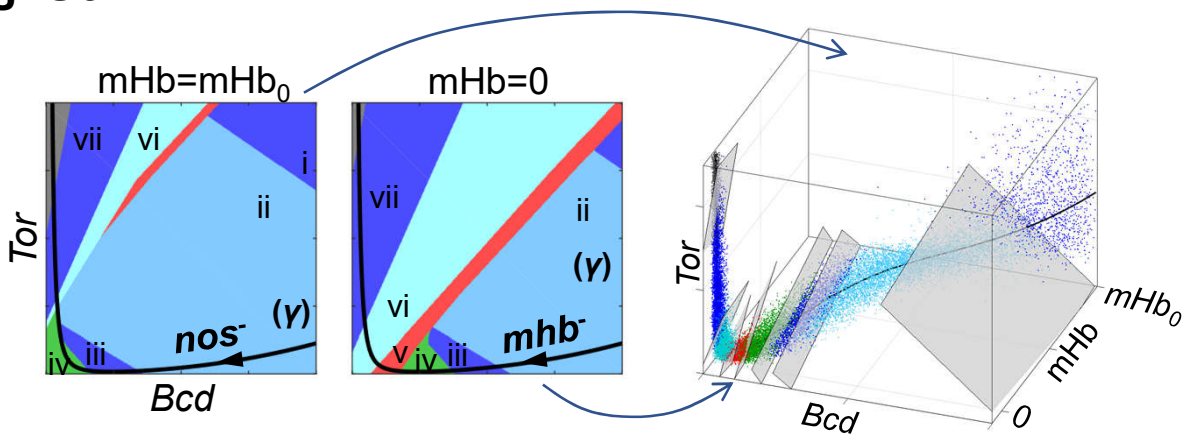
**Fig. S4-continued**



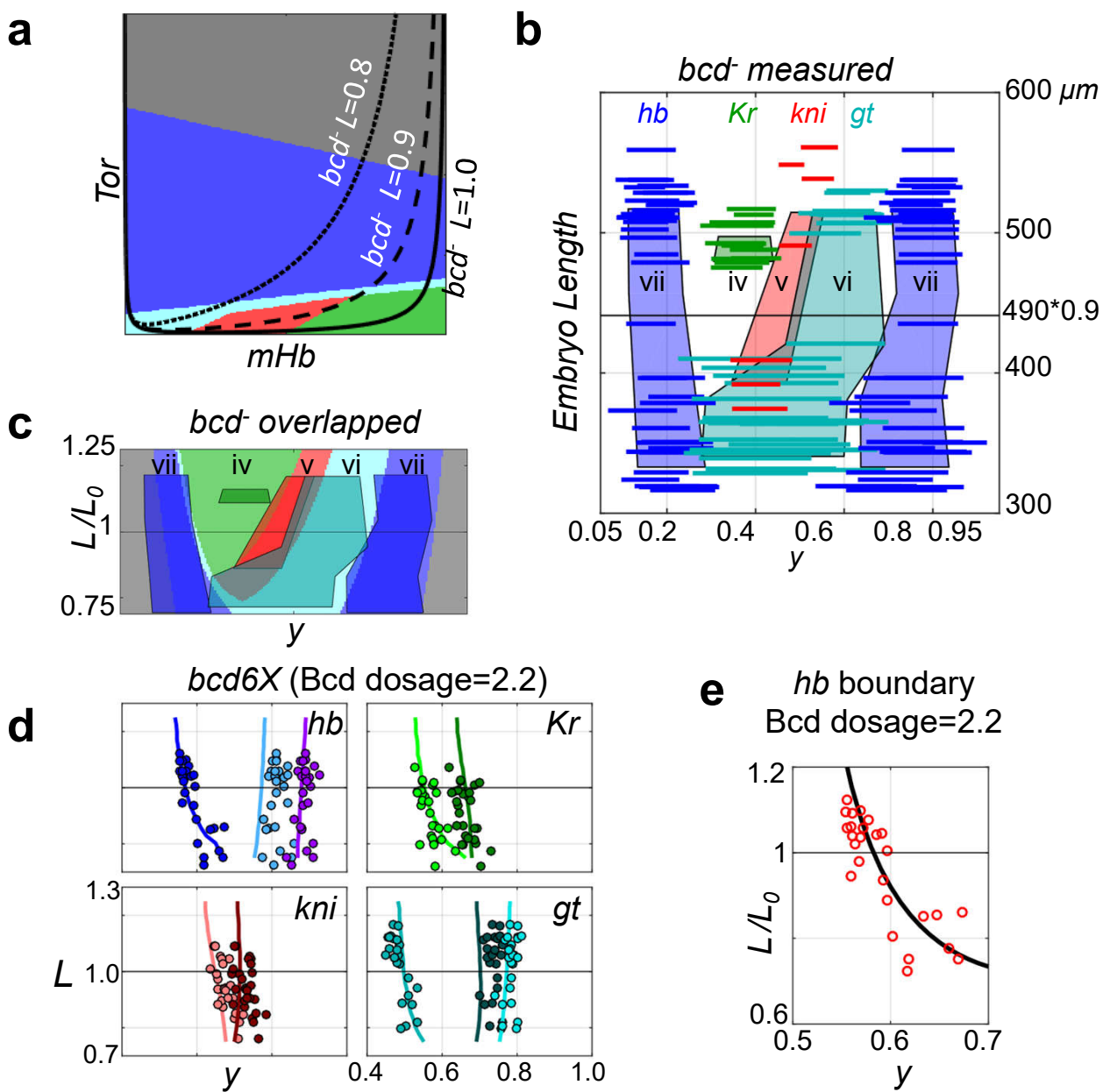
**Fig. S5**



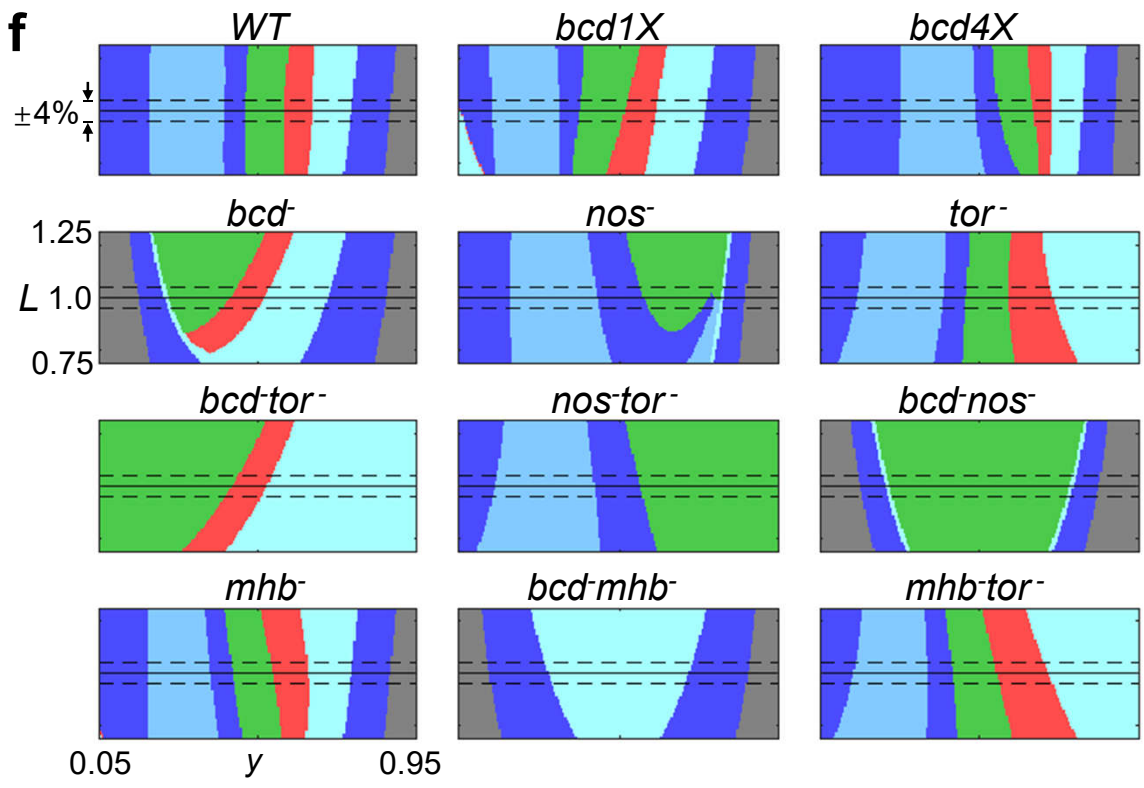
**Fig. S6**



**Fig. S7**

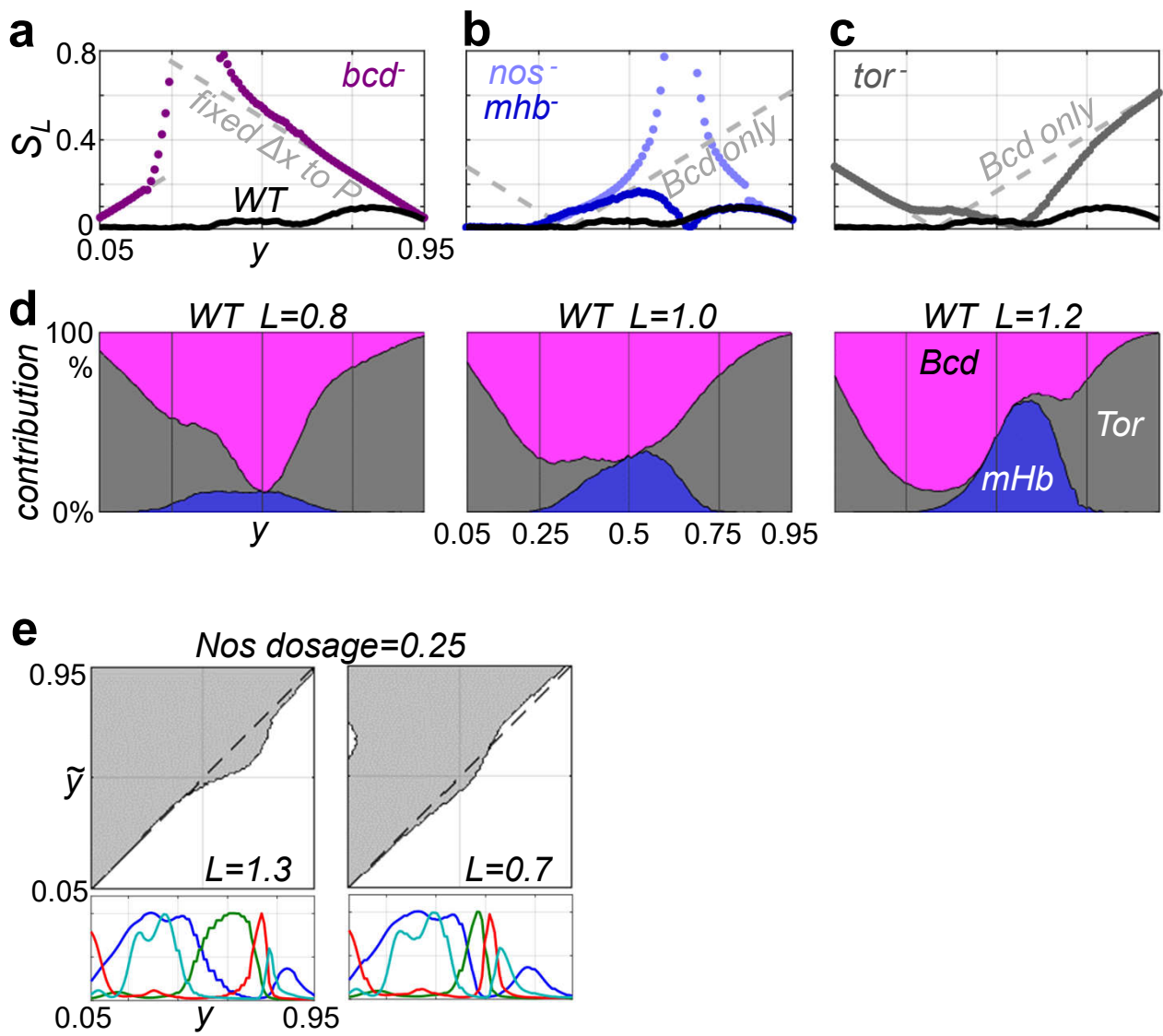


**Fig. S7-continued**



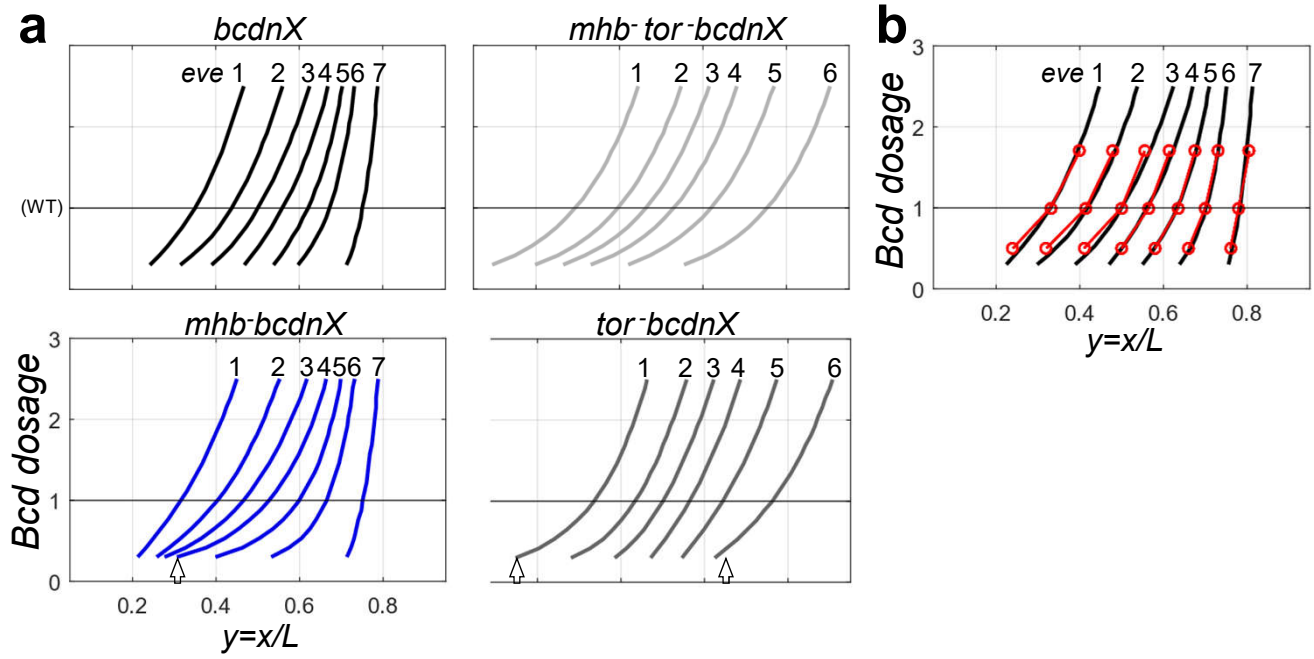


**Fig. S8**



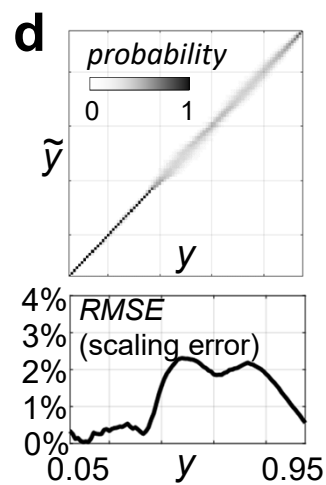
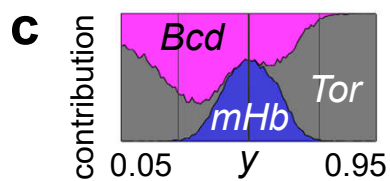
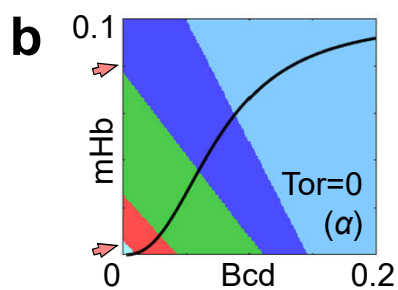
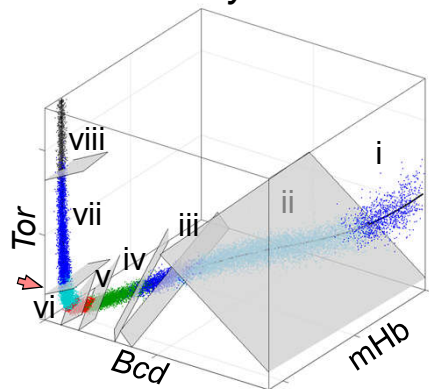


**Fig. S9**

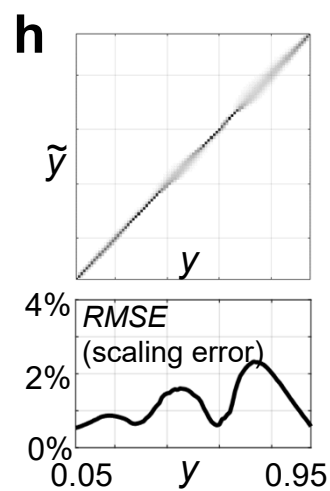
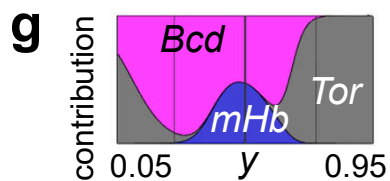
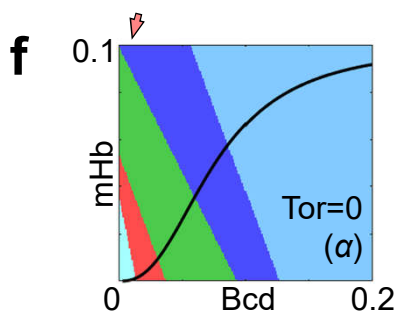
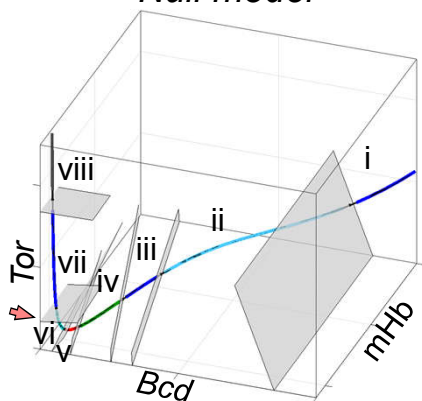


**Fig. S10**

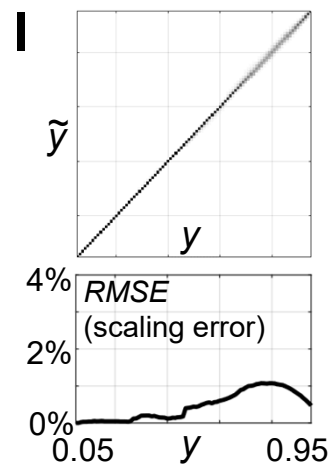
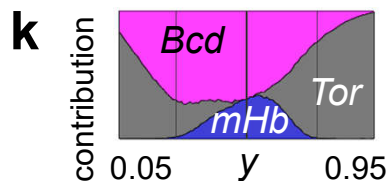
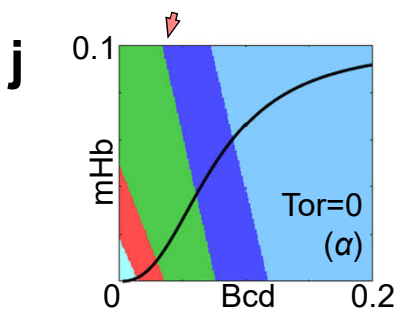
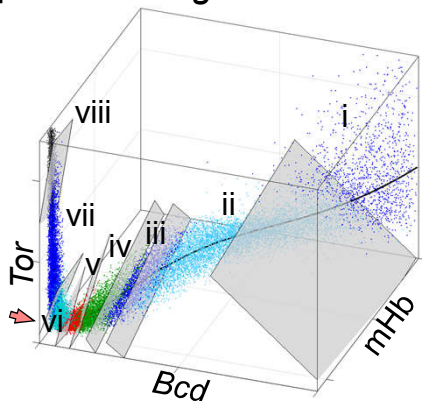
**a** *Noise-only decoder*



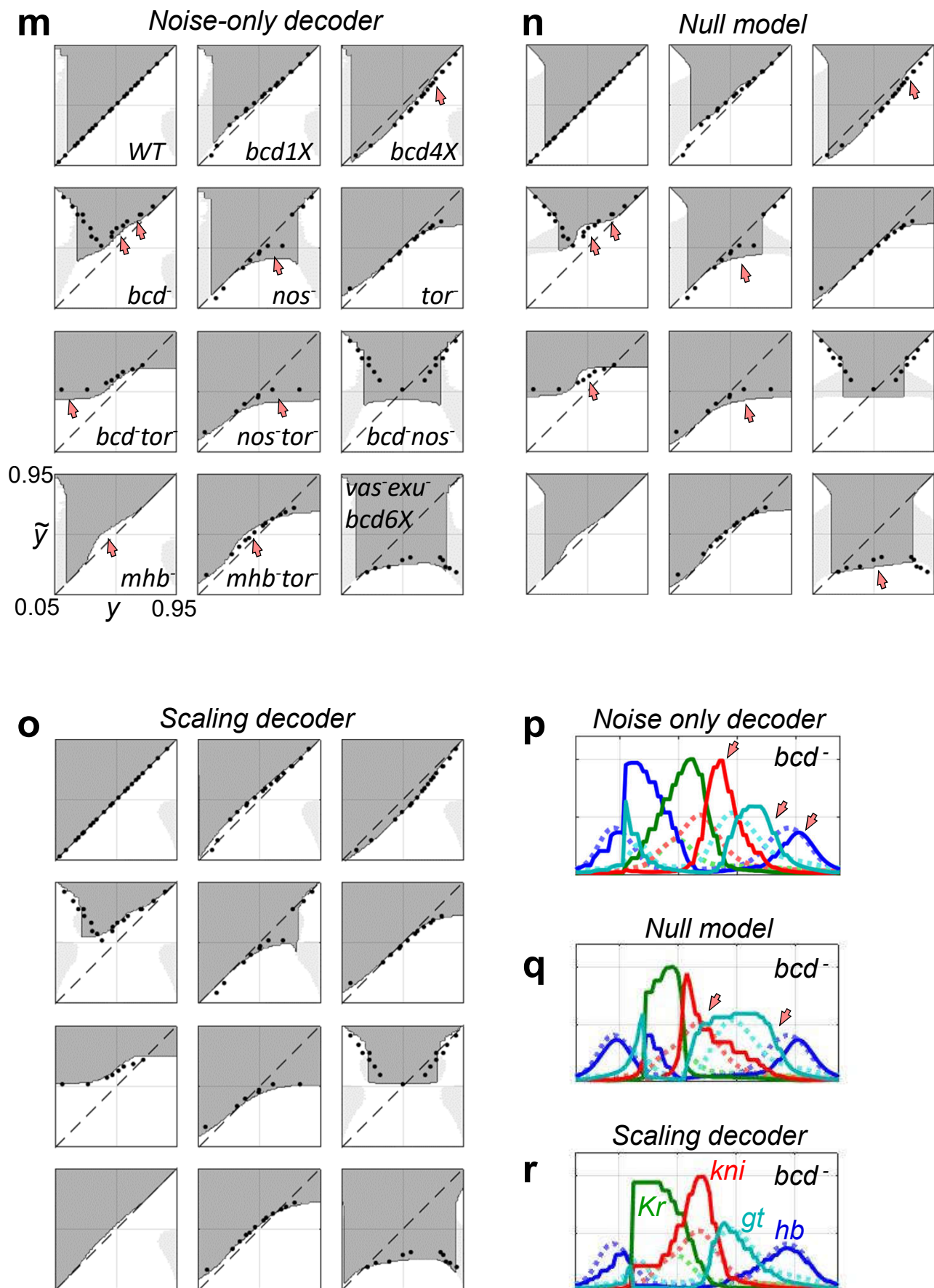
**e** *Null model*



**i** *Scaling decoder*

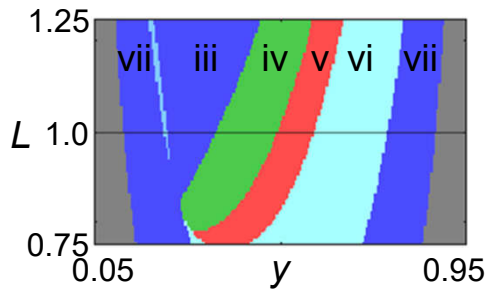


**Fig. S10-continued**

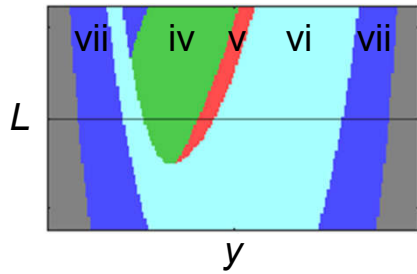


**Fig. S10-continued**

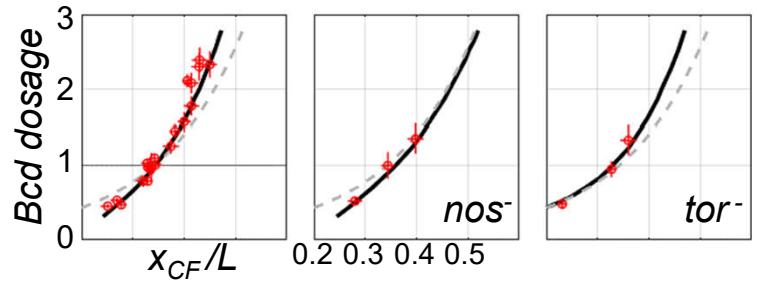
**S** *Noise-only decoder (bcd<sup>+</sup>)*



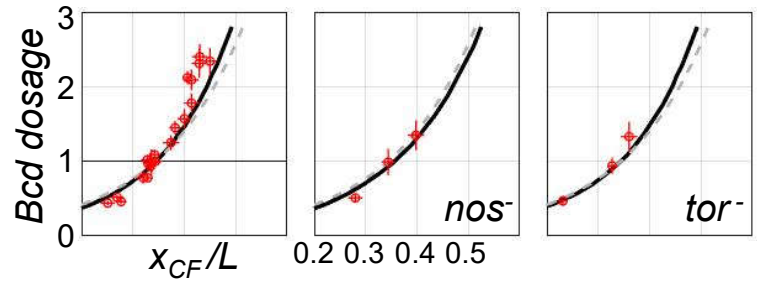
**t** *Null model (bcd<sup>+</sup>)*



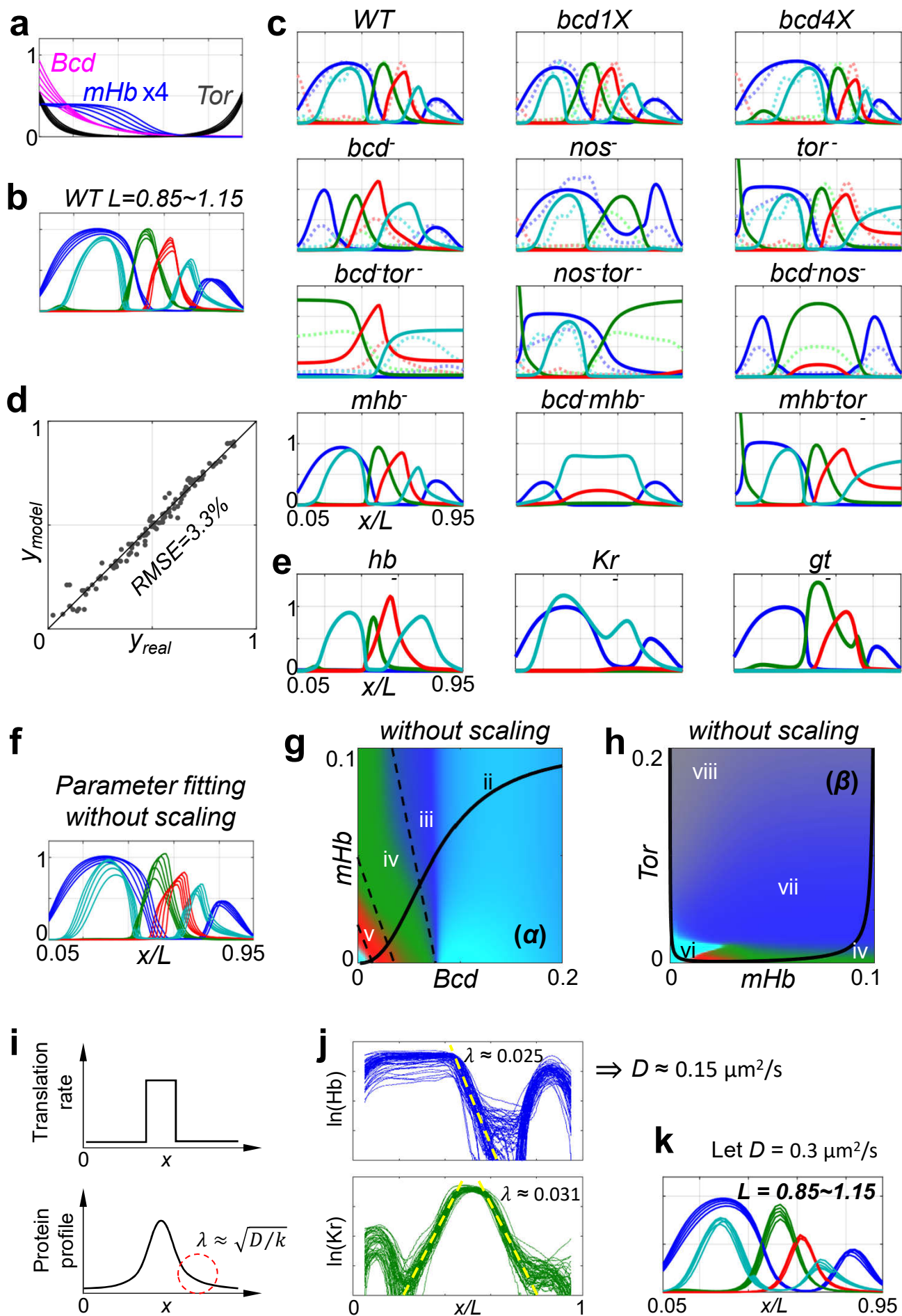
**u** *Noise-only decoder*



**v** *Null model*

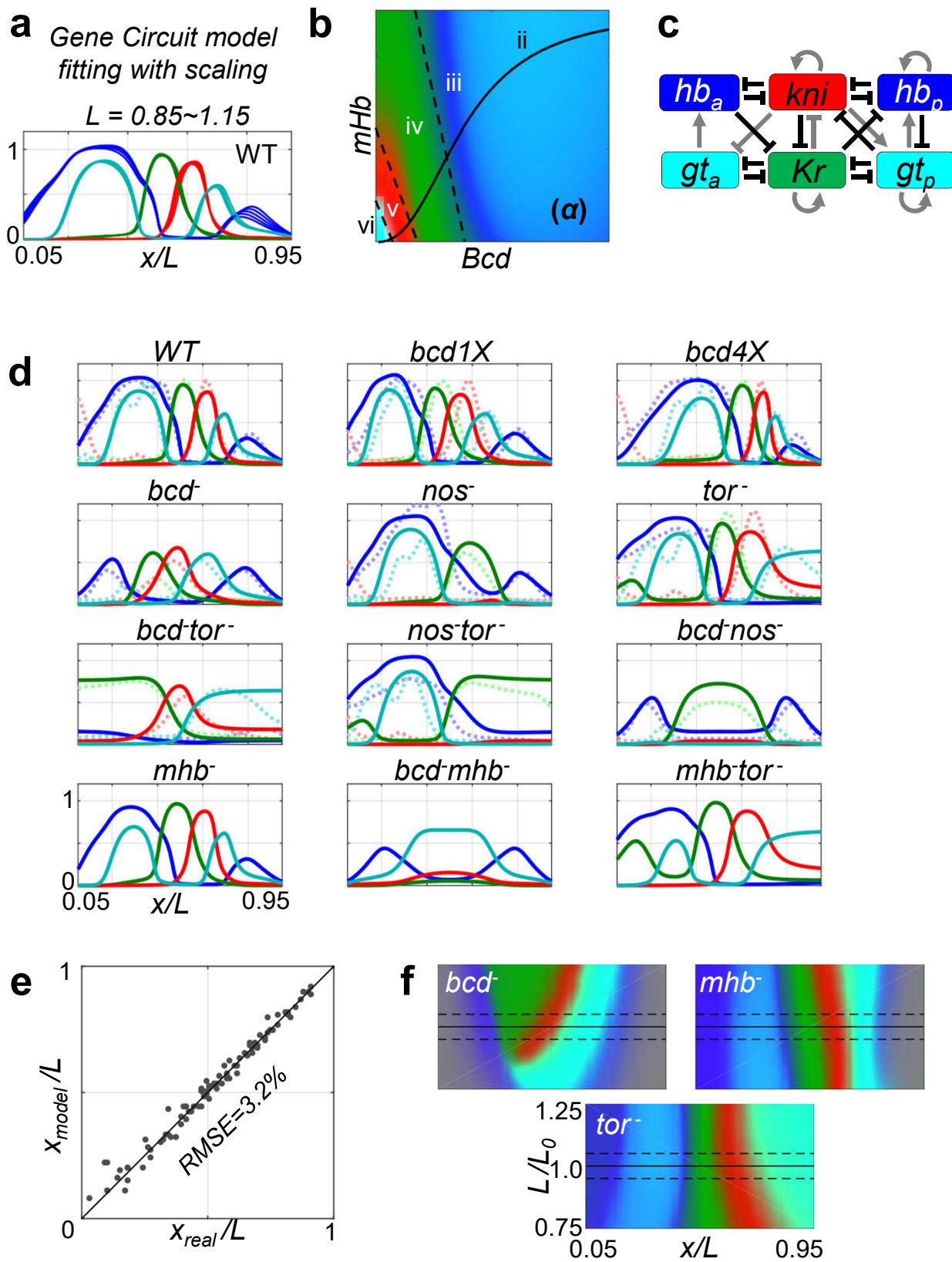


**Fig. S11**





**Fig. S12**



**Fig. S13**

