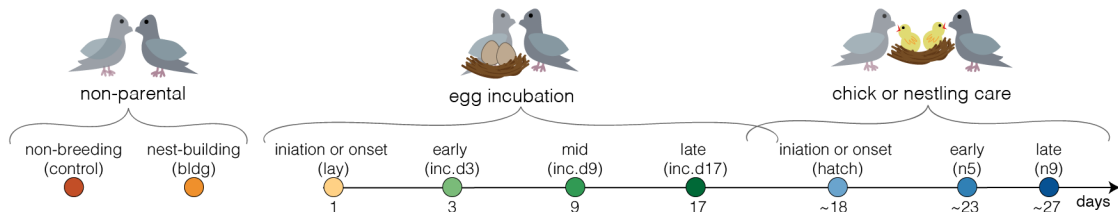


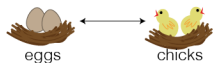
**A** *Columba livia* reproductive and parental stages



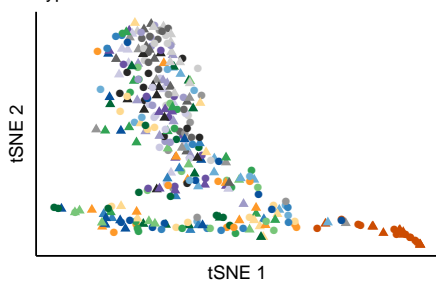
**B** Removal manipulations



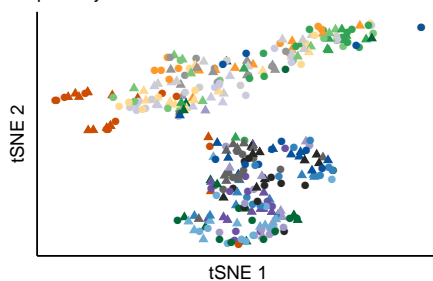
**C** Replacement manipulation



**D** hypothalamus



pituitary



gonads

