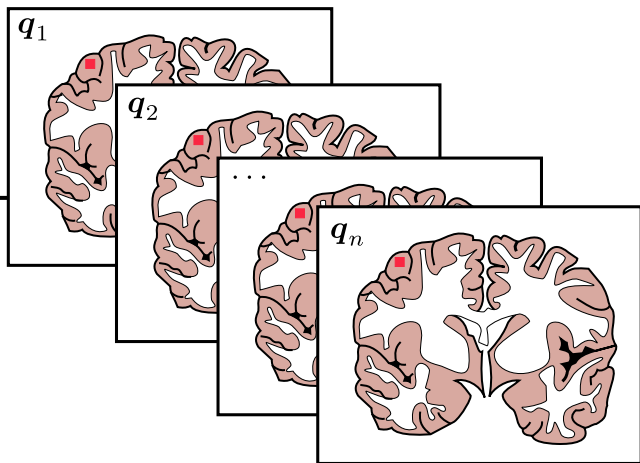


# MULTI-SHELL dMRI ACQUISITION

each  $q_i$  corresponds to a different **gradient strength and direction**



DIFFUSION SIGNAL AT Voxel ■  
 $S(q)$  with  $q_i \in \{q_1, \dots, q_n\}$

SUMMARY STATISTICS  
 $x \in \mathbb{R}^7$

FULL POSTERIOR DISTRIBUTION  
of the tissue parameters at voxel ■

NEURAL DENSITY ESTIMATOR  
 $p(\theta|x)$  with  $\theta \in \mathbb{R}^6$

