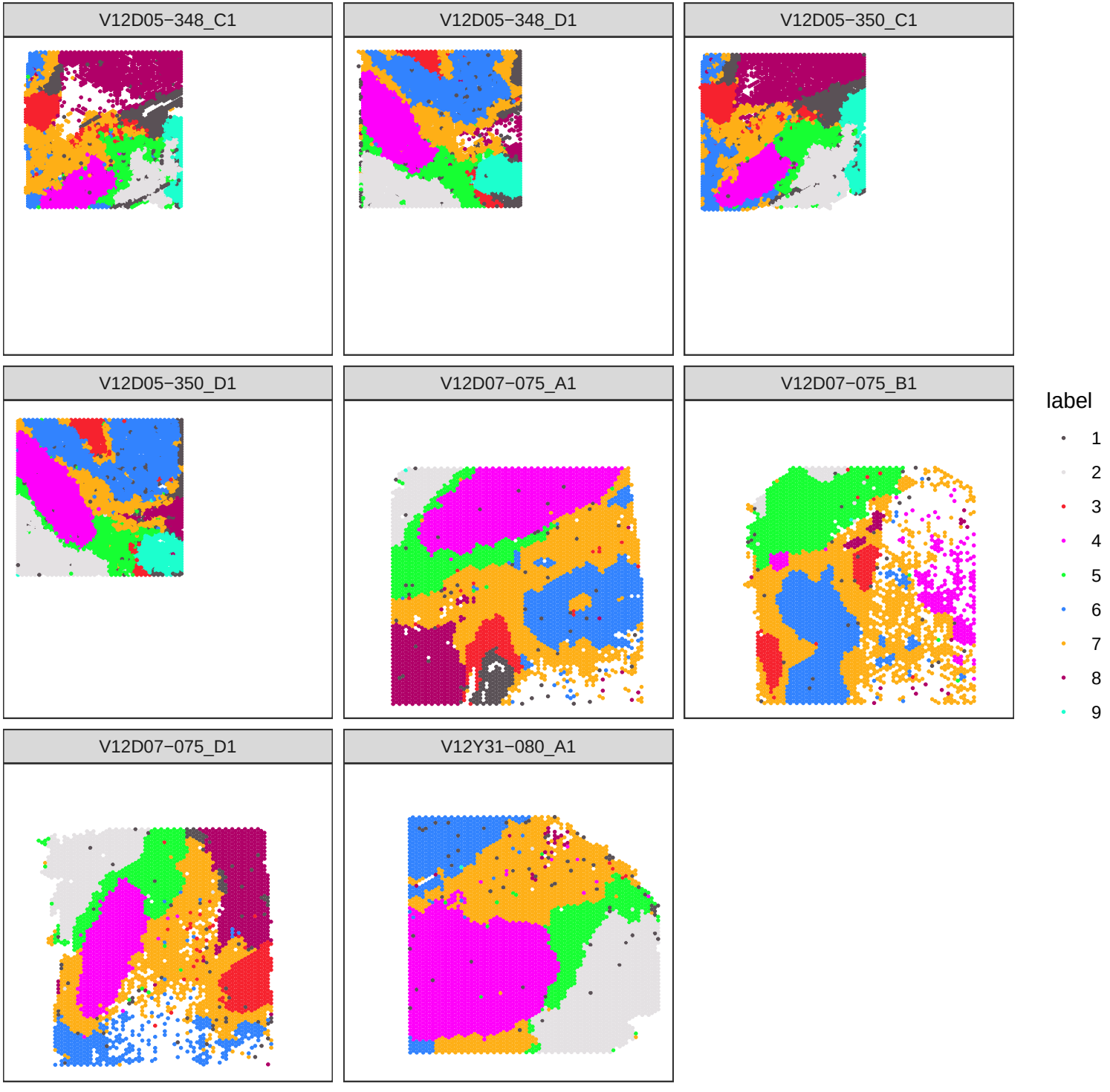PRECAST hvg10_k9