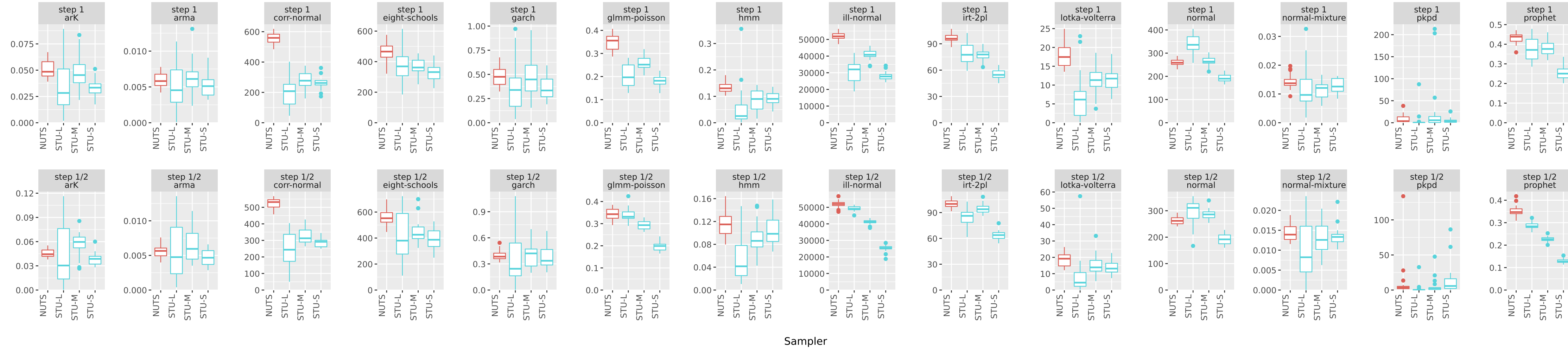MSJD by model and stepsize fraction