

an massive advantage that seems to be impossible to model with fixed kp. If a given kp is needed the kp prior

• **Done** prop.voigt.rnd_start spawns to wide peaks for gibbs (the tuning for the spawner is very impactful)

• **Do Speed ups** Develop heuristic to evaluate pmvnorm fast; better slice sampler; better early termination of slice sampler. Run profiler to figure out if pmvnorm is actually the bottleneck or X construction. If it is X could

could be slowly changed to degenerate to only the given value of kp.

use caching and speed up code by 90%

1. RWTH Aachen, philipp.meissner@rwth-aachen.de←