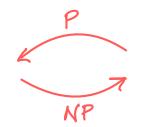
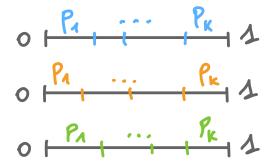
Multivariate Goussian

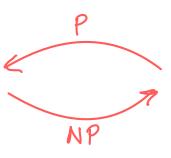
W=(W11..., Wk) ERK WN N(M12)



Dirichlet Distribution

 $P = (P_1, ..., P_k) \in S^k \text{ simplex}$ $P \sim Dir(\alpha), \alpha = (\alpha_1, ..., \alpha_k)$





Goussian Process function

(W=(Wt)tEIR, WNGP [Margins (W) ~N(M, E)



Dirichlet Process proba. measure

P= (PA) of E partitions (Y), PUDP Margins (PA) = (P1, 1..., Pk) ~ Dir

