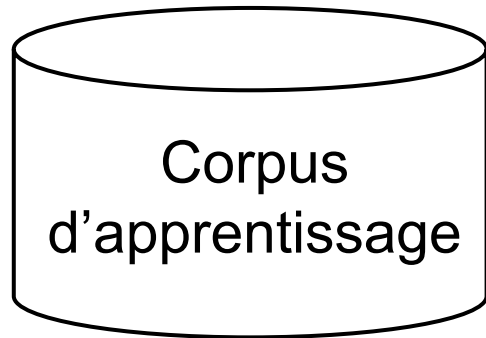


Phase d'apprentissage

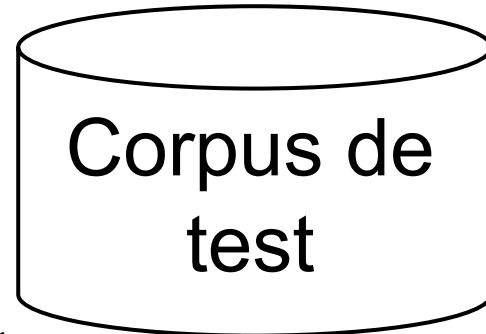


NMF

H_0

W_s

Phase de test



NMF

$W_s H_s + W_r H_r$