## Multi-head inner attention

- Liu et al. (2016), Li et al.
  (2016), Lin et al. (2017)
- $\alpha_{ij}$ : weight of the  $j^{th}$  encoder state for the  $i^{th}$  column of  $M^T$
- concatenate columns of  $M^T$ 
  - → sentence embedding
- linear projection of columns to control embedding size

