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 $\nu^\alpha$   
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 $\nu^\alpha$   
 $\nu^\beta$

$$S_{euclid} = \sqrt{\sum_{i=1}^D (\nu_i^\alpha - \nu_i^\beta)^2}$$

$\frac{D}{\nu^\alpha}$   
 $\nu^\beta$   
 $S_{euclid}$   
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 $\nu^\alpha$   
 $\nu^\beta$   
 $\alpha$   
 $\beta$

$$S_{cos} = \frac{\nu^\alpha \cdot \nu^\beta}{|\nu^\alpha||\nu^\beta|} = \frac{\sum_{i=1}^D \nu_i^{(\alpha)} \nu_i^{(\beta)}}{\left(\sum_{i=1}^D (\nu_i^{(\alpha)})^2\right)^{1/2} \left(\sum_{i=1}^D (\nu_i^{(\beta)})^2\right)^{1/2}}$$

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 $\tilde{\alpha}$   
 $\beta$

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