DynamicViT‹⁰e‡‰ã‹ûb¥TJ`;~Ó

1. x zv€ÌfoN R¨g:
- **•î˜€Ìfo**ÿ ‰Æ‰ÉTransformerÿ ViTÿ W(VþPÏR |{{INûR¡N-ˆhs°Qú,rÿ OFQv‹¡{—Y gB^¦šØÿ \$Qvf/•êl
- **h8_Ã‰Â[ß**ÿ ViTv„g ~È˜mKNÅO••VNŽ\ 'ÏOá`oN0[Ìv„VþPÏWWÿ tokensÿ ÿ Y''ÏQ—OYtokenSïˆ«Rjg‹
- **vîh **ÿ cÐQúN yÍR¨` tokenz u•S hFg¶ÿ DynamicViTÿ ÿ h9cn•"QeQ…['• keRjg•Q—OYtokenÿ f>„W–l

2. e¹ÍÕR e°
1. **R¨` R \BRjg•**ÿ
   - **˜„mKj!WW**ÿ •{'Ï~§MLPj!WWÿ ~ÓT \@•èry_•ÿ _SRMtokenÿ TŒQh\@ry_•ÿ VþPÏN N e‡ÿ ÿ ˜„mKk
   - **R \BRjg•{Vue**ÿ W(Transformerv„Y N*N-•ô\Bÿ Y,{,40 70 10\Bÿ • keRjg•ÿ OÝuYkÔO‹c QàOU^•R •

2. **‹-~ÃO S b€g/**ÿ
   - **Gumbel-Softmax**ÿ ‰ãQ³NŒP<Q³{Vÿ OÝuY/Rjg•ÿ v„N Sï_®•î˜ÿ e/c zïR0zï‹-~Ã0
   - **lèa R›c©x ÿ Attention Maskingÿ **ÿ • •Ç–;e-ˆ«Rjg•tokenN QvNÖtokenv„N¤N'ÿ [žs°xlNöSËY}v„z u

3. **c_Y1Qýep‹¾‹¡**ÿ
   - R |{c_Y1ÿ Cross-Entropyÿ + „¸™•c_Y1ÿ N SÝYËj!W‹•"Qú[ùÝPÿ + TokenR ^ c_Y1ÿ ~¦g_Rjg•kÔO‹ÿ (

3. [žšŒ~Ógœ
- **`'€ýN eHs‡**ÿ
  - **j!W‹•ÿ W(DeiT-S0 LV-ViT-S/M{Iš¨^r•Q~ÜN šŒ‹Á0
  - **c h **ÿ Rjg•66% tokeneöÿ FLOPsQÏ\ 31%~37%ÿ T T 'ÏcÐSG40%~54%ÿ |¾^¦N –M<0.5%ÿ ImageN
  - **[ùkÔSOTA**ÿ DynamicViT-LV-M/0.7W(8.5G FLOPsN •¾R083.8%QÆxns‡ÿ O NŽEfficientNet-B5ÿ

- **Sï‰ÆS R g•**ÿ
  - Rjg••Çz • ke€Zq&NŽVþPÏQs•.S:Wßÿ Y,riOSN-_Ãÿ ÿ Xž_:j!W‹Sï‰ã'Ê`'0
  - ~ß‹¡f>y:N-_Ãtokenfôf ˆ«OÝuYÿ N •êq6VþPÏN-riOSR ^ v„QHšŒEN •ô0

4. b€g/O R¿
- **R¨` • ^"¨'**ÿ Rjg•Q³{VWúNŽ•"QeQ…['ÿ O NŽ—Y` Rjg•b —•g:Rjg•ÿ [žšŒf>y:—Y` Rjg•|¾^¦N –M6.4%ÿ
- **xlNöSËY}**ÿ —^~Óg„S z u•• •Çlèa R›c©x [žs°ÿ [ž–Ec¨t • ^¦cÐSGf>„W0
- **bi\U`'**ÿ • u(NŽN T ViTSØOSÿ Y,DeiT0 LV-ViTÿ TŒ•"QeR •¨s‡ÿ 384×384N FLOPsQÏ\ 55%ÿ 0

5. \@–PN g*gee¹T
- **\ Rjg•kÔO‹–PR6**ÿ < Ã ãV_dþ ö5õ" cèE•ð…˜#Á=0.5eö|¾^¦N –M1.3%~2.3%ÿ 0
- **NûR¡bi\U**ÿ _SRM€Zq&R |{NûR¡ÿ g*geSïc¢}"‰Æ˜R |{0 [Æ–Æ˜„mKÿ Y,hÀmK/R Rrÿ {IW:fo0

6. `;~Ó
DynamicViT• •ÇR¨` tokenz u•S ÿ ™–k![žs°N†ViTv„šØeHR • N `'€ý^sˆaÿ N:TransformerW(•¹• ‹¾Y v„•è•
1. **epcnO••Vv„Rjg•g:R6**ÿ OÝuYOá`oN0[Ìtokenÿ ••QMVú[šj!_ Rjg•v„\@–P`'0
2. **zïR0zïSï‹-~Ã‹¾‹¡**ÿ ~ÓT Gumbel-SoftmaxN lèa R›c©x ÿ ‰ãQ³z u•S N Sï_®•î˜0
3. **_ n•N SïY s°'**ÿ Nãx]òQl_ ÿ [žšŒ‰†vÖY š¨^r•Q~ÜTŒ'M•nÿ ~Ógœ‹æ[žSï—`0