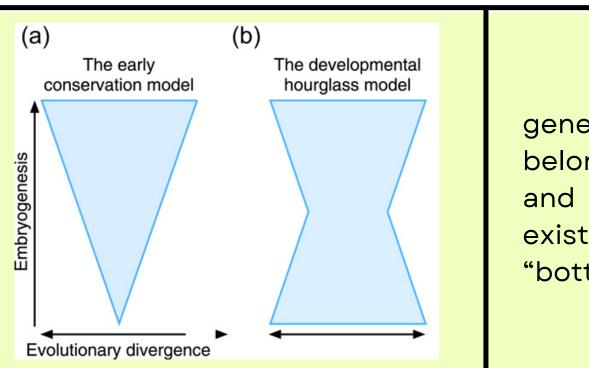


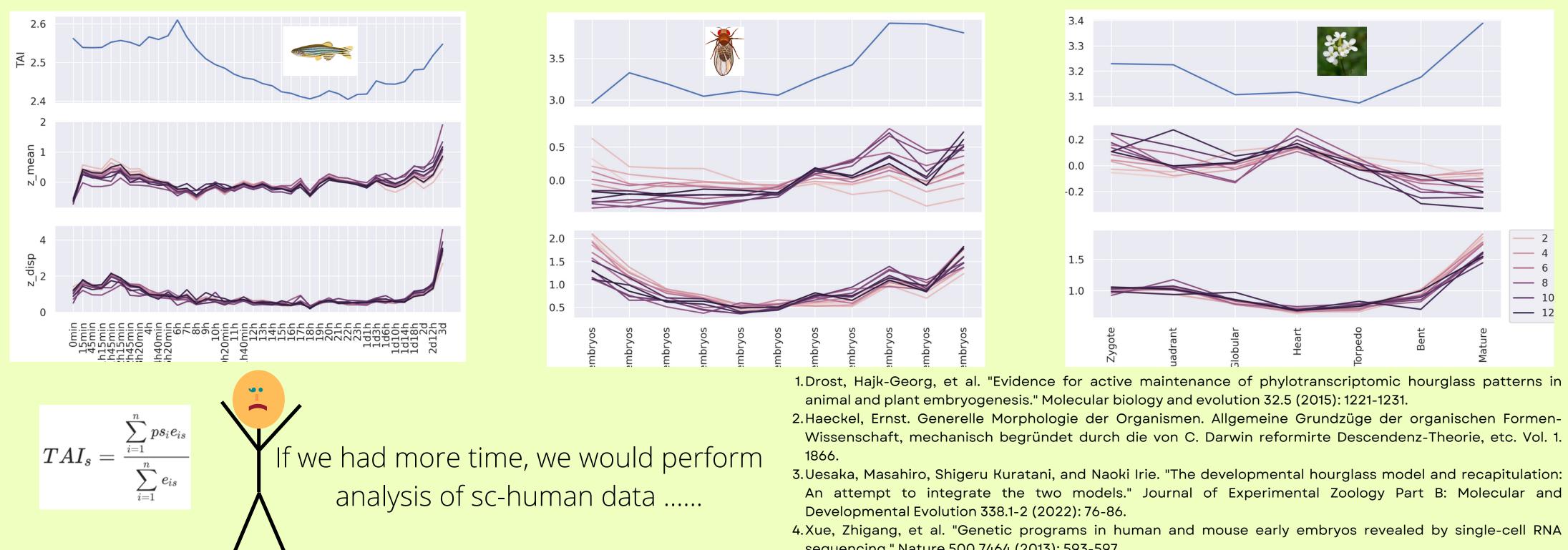
A search for a transcriptional "bottle during embryogen

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Introduction

hourglass model [2, 3] Current postulates that there is а "bottleneck" moment, when embryos of different organisms have similarities morphological both and on transcriptomic levels





eneck" SMTB ov, Irina Zhegalova	 Conclusion We succeeded in identifing "bottleneck" using TAI; use of dispersion and phylostratas' average has given controversial results; We need to do more studies on this topic;)))
Hypothesis e expression levels which ong to the different phylostrata their dispersion confirm the tance of the transcriptional ttle-neck"	 Data 1.Gene expression and gene age data for <i>D. rerio</i>, <i>D. melanogaster</i>, <i>A. thaliana</i> [1]; 2.GSE44183 from the paper [4] - scRNA-seq for embryos of <i>H. sapiens</i> at 6-12 days.

sequencing." Nature 500.7464 (2013): 593-597.