

**Fig 4 XAV related cells quantifications:**

Quantitative single cell analysis of early mouse embryos treated with XAV, or control (KSOM) stained for DAPI (Ch1), NANOG (Ch2), active  $\beta$ -catenin (Ch3), GATA4 (Ch4). The number after each file name depicts the embryo image number. Manually curated for ICM and TE cells.