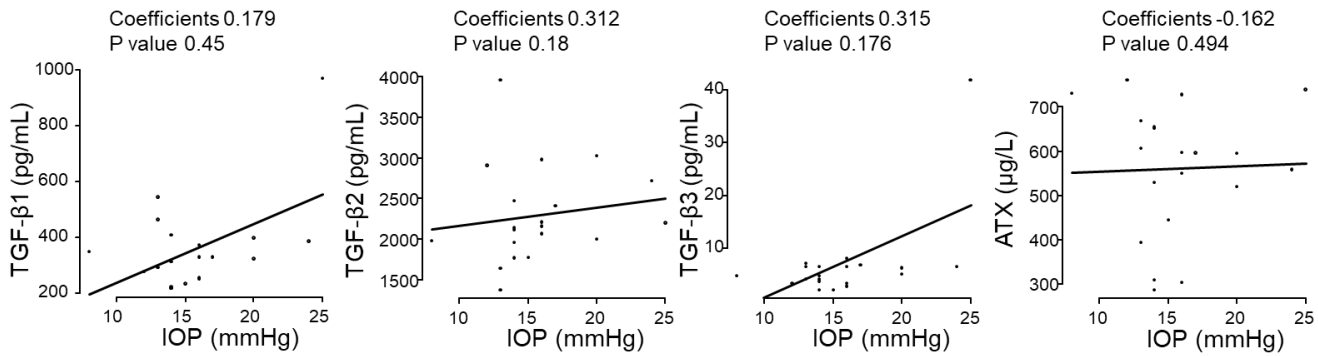
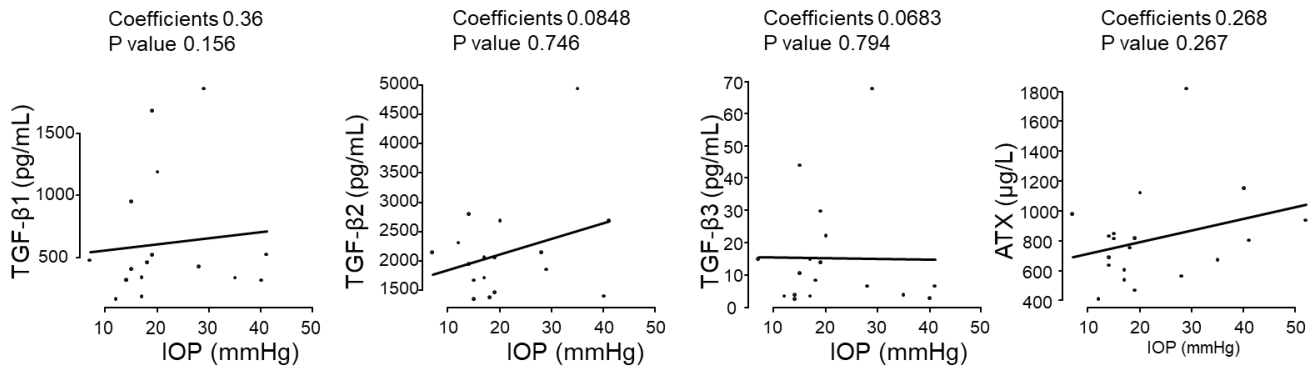


Supplemental Figure 1: Correlations of IOP with levels of aqueous ATX, TGF- β 1, TGF- β 2, and TGF- β 3 among glaucoma subtypes.

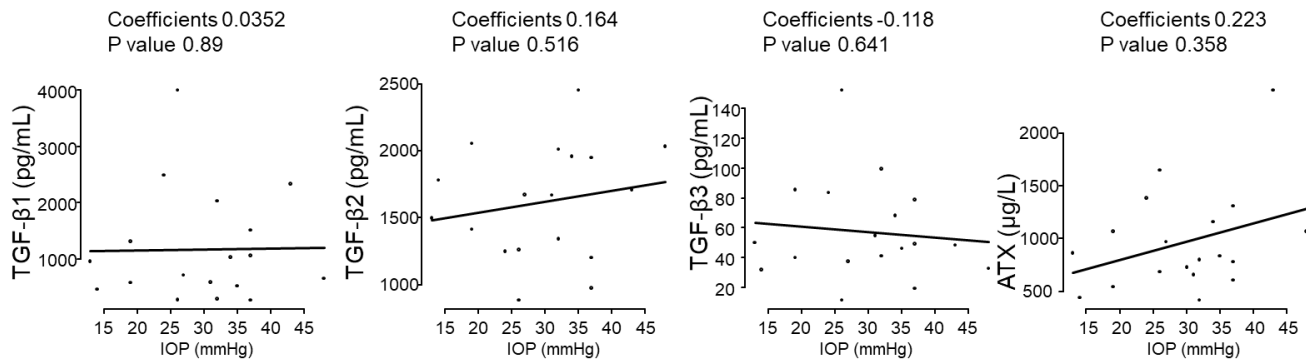
POAG



SOAG

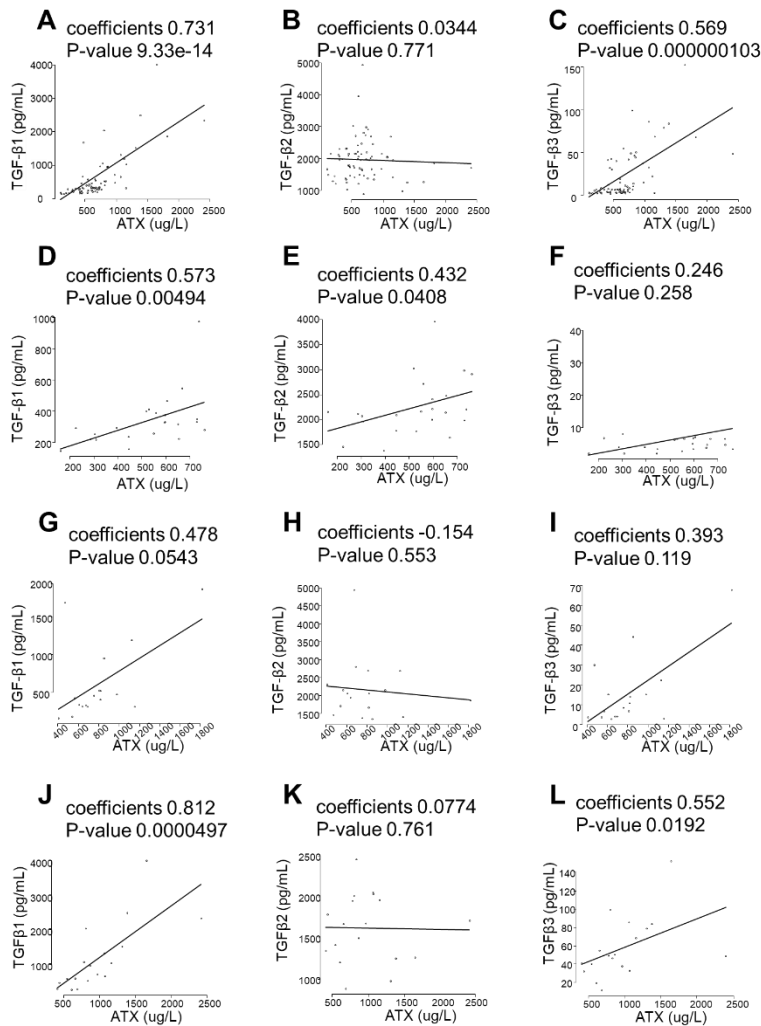


XFG



No significant correlations were observed between IOP and levels of aqueous ATX, TGF- β 1, TGF- β 2, or TGF- β 3 when eyes were stratified among glaucoma subtypes.

Supplemental Figure 2: Correlations between aqueous ATX and TGF- β 1–3 in different glaucoma subtypes.



(A–C) Correlations between levels of aqueous ATX and levels of aqueous TGF- β 1–3 in the overall cohort. Levels of TGF- β 1 (A; Spearman's rank correlation coefficient = 0.731, $P = 9.33e-14$) and TGF- β 3 (B; Spearman's rank correlation coefficient = 0.569, $P = 0.000000103$) were positively correlated with the level of ATX, whereas the level of TGF- β 2 was not (C; Spearman's rank correlation coefficient = 0.0344, $P = 0.771$).

(D–F) Correlations between levels of aqueous ATX and levels of aqueous TGF- β 1–3 in the POAG group. Levels of TGF- β 1 (D; Spearman's rank correlation coefficient = 0.573, $P = 0.00494$) and TGF- β 2 (E; Spearman's rank correlation coefficient = 0.432, $P = 0.0408$) were positively correlated with the level of ATX, whereas the level of TGF- β 3 was not (F; Spearman's rank correlation coefficient = 0.246, $P = 0.258$).

(G–I) Correlations between levels of aqueous ATX and levels of aqueous TGF- β 1–3 in the SOAG group. Levels of TGF- β 1 (G; Spearman's rank correlation coefficient = 0.478, $P = 0.0543$), TGF- β 2 (H; Spearman's rank correlation coefficient = -0.154, $P = 0.553$), and TGF- β 3 (I; Spearman's rank correlation coefficient = 0.393, $P = 0.119$) were not correlated with the level of ATX.

(J–L) Correlations between levels of aqueous ATX and levels of aqueous TGF- β 1–3 in the XFG group. Levels of TGF- β 1 (J; Spearman's rank correlation coefficient = 0.812, $P = 0.0000497$) and TGF- β 3 (K; Spearman's rank correlation coefficient = 0.552, $P = 0.0192$) were positively correlated with the level of ATX, whereas the level of TGF- β 2 was not (L; Spearman's rank correlation coefficient = 0.0774, $P = 0.761$).