

**Supplemental Table A.** Cohort definition of adults with diabetic retinopathy, glaucoma, cataract, and age-related macular degeneration in *All of Us*. Participants with the following qualifying Systematized Nomenclature of Medicine Clinical Terms (SNOMED-CT) codes were included in the respective cohorts.

<b>Diagnosis Cohort</b>	<b>SNOMED -CT Code</b>	<b>Description</b>
Diabetic Retinopathy	4855003	Retinopathy due to diabetes mellitus  Link to branching logic and sources: <a href="https://databrowser.researchallofus.org/ehr/conditions/diabetic%20retinopathy?search=4174977">https://databrowser.researchallofus.org/ehr/conditions/diabetic%20retinopathy?search=4174977</a>
Glaucoma	23986001	Glaucoma  Link to branching logic and sources: <a href="https://databrowser.researchallofus.org/ehr/conditions/glaucoma?search=437541">https://databrowser.researchallofus.org/ehr/conditions/glaucoma?search=437541</a>
Cataract	193570009	Cataract  Link to branching logic and sources: <a href="https://databrowser.researchallofus.org/ehr/conditions/cataract?search=375545">https://databrowser.researchallofus.org/ehr/conditions/cataract?search=375545</a>
Age-Related Macular Degeneration	267718000	Age-related macular degeneration  Link to branching logic and sources: <a href="https://databrowser.researchallofus.org/ehr/conditions/macular%20degeneration?search=374028">https://databrowser.researchallofus.org/ehr/conditions/macular%20degeneration?search=374028</a>