Supplementary Figure 3. Applications of our system in real-world. Since the latter half of 2019, we have put our intelligent system into practice in nearly 20 hospitals and community medical centers in China. Take Pengpu Xincun Health Station in Shanghai for example, more than 300 people experienced our system within the first week, most of them were over 60 years old. Nearly 30% of them were identified as pathological retinal cases, some were urgent cases and referred to the ophthalmic clinic of central hospitals for further diagnosis. The two pictures on the left are the scene of our system’s application in Pengpu Xincun Health Station and the picture on the right is an OCT-AI report of one urgent case identified by our system.