



**ONLINE FIGURE.** CNN design. Schematic of the hybrid 2D–3D CNN used by RAPID for ICH detection.

**Online Table 1. CT scanner manufacturer details**

| Vendor                    | All        | ICH-      | ICH+      |
|---------------------------|------------|-----------|-----------|
| GE Healthcare, n (%)      | 101 (32.8) | 46 (30.7) | 55 (34.8) |
| Neurologica, n (%)        | 1 (0.3)    | 0 (0)     | 1 (0.6)   |
| Philips Healthcare, n (%) | 39 (12.7)  | 9 (6.0)   | 30 (19.0) |
| Siemens, n (%)            | 100 (32.5) | 69 (46.0) | 31 (19.6) |
| Toshiba, n (%)            | 67 (21.8)  | 26 (17.3) | 41 (26.0) |

**Online Table 2. Type of hemorrhage in ICH population**

| ICH Subtype <sup>a</sup>           |         |
|------------------------------------|---------|
| Intraparenchymal hemorrhage, n (%) | 79 (50) |
| Extraaxial hemorrhage, n (%)       | 39 (25) |
| Subarachnoid hemorrhage, n (%)     | 25 (16) |
| Intraventricular hemorrhage, n (%) | 10 (6)  |
| Other, n (%)                       | 5 (3)   |

Note:—Extra-axial includes both subdural and epidural hemorrhage.

<sup>a</sup>Note that some patients had more than 1 form of ICH (eg, both subarachnoid and intraventricular hemorrhages), so the percentages total >100 across all patients.