

Table S2: Parenchyma Volume (PV) Values, DICE Coefficients, Sensitivity and Specificity Values for 37 Datasets.

| ACR | DICE | Sensitivity | Specificity | PV Auto (L) | PV Manual (L) | PV Auto (Vx) | PV Manual (Vx) |
|-----|--------|-------------|-------------|-------------|---------------|--------------|----------------|
| 1 | 0.8075 | 0.74 | 0.99 | 0.10 | 0.14 | 155928 | 208291 |
| 1 | 0.77 | 0.73 | 0.99 | 0.08921 | 0.108815 | 134867 | 164506 |
| 1 | 0.73 | 0.84 | 0.99 | 0.165841 | 0.126567 | 250717 | 191342 |
| 1 | 0.754 | 0.7 | 0.99 | 0.076892 | 0.090123 | 116245 | 136247 |
| 1 | 0.684 | 0.65 | 0.99 | 0.053374 | 0.060495 | 80691 | 91457 |
| 1 | 0.81 | 0.75 | 0.99 | 0.140991 | 0.171569 | 213149 | 259376 |
| 1 | 0.79 | 0.77 | 0.99 | 0.140931 | 0.143835 | 213058 | 217448 |
| 1 | 0.8305 | 0.784 | 0.99 | 0.12416 | 0.141587 | 187704 | 214050 |
| 1 | 0.701 | 0.736 | 0.99 | 0.112409 | 0.100071 | 169939 | 151287 |
| 2 | 0.89 | 0.862 | 0.99 | 0.151374 | 0.162598 | 228845 | 245814 |
| 2 | 0.797 | 0.73 | 0.98 | 0.05103 | 0.059081 | 77147 | 89318 |
| 2 | 0.8425 | 0.89 | 0.98 | 0.198101 | 0.173339 | 299497 | 262052 |
| 2 | 0.8718 | 0.872 | 0.997 | 0.236933 | 0.235699 | 358193 | 356328 |
| 2 | 0.84 | 0.77 | 0.99 | 0.131694 | 0.158148 | 199094 | 239087 |
| 2 | 0.77 | 0.69 | 0.99 | 0.060042 | 0.074933 | 90771 | 113284 |
| 2 | 0.8 | 0.84 | 0.996 | 0.218066 | 0.199381 | 329669 | 301422 |
| 2 | 0.87 | 0.829 | 0.99 | 0.123936 | 0.1372 | 187365 | 207417 |
| 2 | 0.77 | 0.83 | 0.99 | 0.210567 | 0.186423 | 318332 | 281832 |
| 2 | 0.81 | 0.91 | 0.990 | 0.192847 | 0.160918 | 291544 | 243275 |
| 3 | 0.9 | 0.867 | 0.99 | 0.181921 | 0.203889 | 275026 | 308238 |
| 3 | 0.823 | 0.79 | 0.99 | 0.133425 | 0.168792 | 201710 | 255178 |
| 3 | 0.8596 | 0.81 | 0.99 | 0.124111 | 0.148652 | 187630 | 224731 |
| 3 | 0.898 | 0.8646 | 0.998 | 0.21562 | 0.24351 | 325972 | 368136 |
| 3 | 0.82 | 0.76 | 0.998 | 0.10007 | 0.096698 | 151284 | 146188 |
| 3 | 0.89 | 0.85 | 0.99 | 0.259655 | 0.27825 | 392543 | 420656 |
| 3 | 0.724 | 0.73 | 0.99 | 0.112279 | 0.145761 | 169742 | 220360 |
| 3 | 0.9 | 0.885 | 0.998 | 0.158559 | 0.15743 | 239708 | 238001 |
| 3 | 0.85 | 0.77 | 0.99 | 0.089088 | 0.103886 | 134683 | 157054 |
| 3 | 0.88 | 0.894 | 0.993 | 0.623841 | 0.59302 | 943115 | 896522 |
| 4 | 0.92 | 0.89 | 0.99 | 0.190652 | 0.19368 | 288226 | 292803 |
| 4 | 0.79 | 0.82 | 0.99 | 0.082406 | 0.091186 | 124581 | 137855 |
| 4 | 0.906 | 0.924 | 0.997 | 0.32666 | 0.328832 | 493850 | 497125 |
| 4 | 0.91 | 0.89 | 0.998 | 0.2707 | 0.290958 | 409241 | 439865 |
| 4 | 0.92 | 0.944 | 0.996 | 0.312128 | 0.303971 | 471871 | 459541 |
| 4 | 0.869 | 0.827 | 0.998 | 0.2607 | 0.289561 | 394123 | 437755 |
| 4 | 0.83 | 0.773 | 0.99 | 0.056643 | 0.070907 | 85632 | 107197 |
| 4 | 0.893 | 0.849 | 0.99 | 0.133848 | 0.148482 | 202350 | 224474 |