

TABLE I
EVALUATION METRIC RESULTS (MAPE, RMSE, CORR) AND SHIFTED EVALUATION METRIC RESULTS (MAPE*, RMSE*, CORR*) FOR 68 RESIDENCES.

| House ID | MAPE | MAPE* | RMSE | RMSE* | Corr | Corr* |
|----------|---------|---------|-------|-------|-------|-------|
| 8145135 | 47.577 | 37.994 | 0.206 | 0.117 | 0.577 | 0.901 |
| 8147703 | 47.99 | 30.827 | 0.13 | 0.1 | 0.625 | 0.798 |
| 8149711 | 65.248 | 37.33 | 0.118 | 0.062 | 0.737 | 0.955 |
| 8156517 | 127.438 | 117.424 | 0.45 | 0.408 | 0.602 | 0.674 |
| 8176593 | 28.021 | 17.212 | 0.127 | 0.065 | 0.601 | 0.92 |
| 8181075 | 18.507 | 8.408 | 0.197 | 0.079 | 0.758 | 0.965 |
| 8184653 | 38.724 | 20.15 | 0.252 | 0.107 | 0.638 | 0.941 |
| 8196621 | 35.91 | 20.56 | 0.159 | 0.085 | 0.74 | 0.941 |
| 8196659 | 40.227 | 31.864 | 0.164 | 0.081 | 0.701 | 0.932 |
| 8196669 | 24.697 | 19.635 | 0.192 | 0.158 | 0.809 | 0.887 |
| 8196671 | 28.727 | 20.177 | 0.122 | 0.087 | 0.635 | 0.819 |
| 8198267 | 35.769 | 24.038 | 0.156 | 0.104 | 0.814 | 0.918 |
| 8198319 | 23.059 | 17.124 | 0.141 | 0.141 | 0.802 | 0.803 |
| 8198345 | 58.661 | 42.834 | 0.103 | 0.088 | 0.681 | 0.825 |
| 8211599 | 44.857 | 36.606 | 0.095 | 0.066 | 0.676 | 0.858 |
| 8257034 | 95.968 | 66.13 | 0.413 | 0.212 | 0.829 | 0.961 |
| 8257054 | 21.821 | 15.217 | 0.162 | 0.116 | 0.764 | 0.926 |
| 8264534 | 36.324 | 28.641 | 0.246 | 0.196 | 0.586 | 0.851 |
| 8273230 | 25.358 | 59.835 | 0.08 | 0.143 | 0.901 | 0.686 |
| 8273592 | 37.747 | 29.287 | 0.228 | 0.146 | 0.516 | 0.813 |
| 8282282 | 99.842 | 82.436 | 0.431 | 0.331 | 0.377 | 0.725 |
| 8291712 | 213.888 | 183.257 | 0.416 | 0.32 | 0.709 | 0.831 |
| 8308588 | 24.766 | 16.95 | 0.222 | 0.113 | 0.536 | 0.94 |
| 8326944 | 101.282 | 79.295 | 0.634 | 0.476 | 0.678 | 0.819 |
| 8328122 | 34.642 | 26.993 | 0.208 | 0.16 | 0.741 | 0.843 |
| 8334780 | 26.261 | 20.185 | 0.158 | 0.103 | 0.753 | 0.902 |
| 8342852 | 38.705 | 46.295 | 0.227 | 0.55 | 0.941 | 0.643 |
| 8347238 | 36.339 | 30.474 | 0.19 | 0.132 | 0.698 | 0.872 |
| 8350006 | 21.296 | 11.01 | 0.145 | 0.078 | 0.751 | 0.933 |
| 8351602 | 23.758 | 15.765 | 0.235 | 0.139 | 0.804 | 0.931 |
| 8376656 | 40.295 | 28.208 | 0.139 | 0.102 | 0.765 | 0.895 |
| 8419708 | 26.055 | 17.694 | 0.277 | 0.129 | 0.691 | 0.948 |
| 8432046 | 63.266 | 38.805 | 0.477 | 0.299 | 0.768 | 0.921 |
| 8451629 | 31.757 | 19.067 | 0.183 | 0.105 | 0.783 | 0.932 |
| 8459427 | 21.15 | 17.217 | 0.061 | 0.053 | 0.758 | 0.827 |
| 8466525 | 29.328 | 19.62 | 0.179 | 0.121 | 0.828 | 0.937 |
| 8478501 | 51.373 | 46.553 | 0.167 | 0.22 | 0.834 | 0.702 |
| 8482121 | 31.288 | 43.159 | 0.11 | 0.143 | 0.785 | 0.614 |
| 8487285 | 24.816 | 9.93 | 0.198 | 0.091 | 0.565 | 0.95 |
| 8487297 | 141.44 | 107.062 | 0.467 | 0.397 | 0.561 | 0.695 |
| 8487461 | 105.135 | 57.342 | 0.225 | 0.104 | 0.537 | 0.914 |
| 8496980 | 37.289 | 24.353 | 0.357 | 0.212 | 0.532 | 0.857 |
| 8504552 | 24.409 | 9.628 | 0.159 | 0.052 | 0.749 | 0.928 |
| 8519102 | 78.204 | 78.201 | 0.153 | 0.146 | 0.395 | 0.451 |
| 8523058 | 46.623 | 36.287 | 0.338 | 0.249 | 0.635 | 0.805 |
| 8540084 | 78.493 | 25.351 | 0.226 | 0.106 | 0.662 | 0.955 |
| 8557605 | 50.855 | 47.167 | 0.386 | 0.248 | 0.835 | 0.931 |
| 8566459 | 53.547 | 49.524 | 0.274 | 0.243 | 0.715 | 0.794 |
| 8617151 | 34.169 | 19.291 | 0.22 | 0.156 | 0.859 | 0.925 |
| 8618165 | 39.063 | 16.3 | 0.315 | 0.094 | 0.571 | 0.968 |
| 8655993 | 35.215 | 27.372 | 0.208 | 0.107 | 0.701 | 0.908 |
| 8661542 | 31.606 | 19.331 | 0.258 | 0.139 | 0.814 | 0.947 |
| 8673172 | 47.745 | 35.768 | 0.337 | 0.214 | 0.794 | 0.932 |
| 8679346 | 74.113 | 40.96 | 0.277 | 0.136 | 0.668 | 0.918 |
| 8680284 | 69.775 | 35.542 | 0.275 | 0.128 | 0.825 | 0.962 |
| 8685932 | 17.555 | 9.443 | 0.111 | 0.044 | 0.834 | 0.975 |
| 8687500 | 34.62 | 27.6 | 0.239 | 0.2 | 0.667 | 0.83 |
| 8733828 | 32.093 | 19.59 | 0.129 | 0.07 | 0.81 | 0.956 |
| 8804804 | 36.389 | 28.881 | 0.396 | 0.307 | 0.791 | 0.873 |
| 9012348 | 179.21 | 108.381 | 0.516 | 0.359 | 0.282 | 0.69 |
| 9393680 | 100.083 | 89.805 | 0.467 | 0.435 | 0.557 | 0.624 |
| 10509861 | 28.132 | 22.165 | 0.242 | 0.219 | 0.724 | 0.776 |
| 10595596 | 81.574 | 63.148 | 0.537 | 0.345 | 0.676 | 0.871 |
| 10598990 | 49.664 | 20.33 | 0.775 | 0.277 | 0.656 | 0.957 |
| 10692972 | 48.471 | 38.768 | 0.251 | 0.177 | 0.842 | 0.92 |
| 10702066 | 41.057 | 32.03 | 0.102 | 0.053 | 0.479 | 0.862 |
| 11081920 | 31.636 | 22.638 | 0.285 | 0.201 | 0.657 | 0.881 |
| 11462018 | 27.691 | 18.426 | 0.099 | 0.078 | 0.865 | 0.9 |