

Fannie Mae 4.0 vs Ten Year Futures

| <u>SN</u> | <u>Date</u> | <u>FNMA</u>   | <u>Current 10 Yr<br/>Treasury Futures</u> | <u>regcoef</u> | <u>intercept</u> | <u>Basis</u> | <u>ExpTreasury</u> | <u>NewBasis</u> | <u>Modeled<br/>Treasury</u> |
|-----------|-------------|---------------|---|----------------|------------------|--------------|--------------------|-----------------|-----------------------------|
| 1         | 02/22/2012  | 105.109375000 | 130.781200000                             | 1.418408040    | -15.078914640    | 25.671825000 | 134.009068000      | -3.227868000    | 130.5886                    |
| 2         | 02/21/2012  | 105.046875000 | 130.500000000                             | 1.424951430    | -15.766242030    | 25.453125000 | 133.920453000      | -3.420453000    | 130.7568                    |
| 3         | 02/17/2012  | 105.187500000 | 130.781200000                             | 1.409697650    | -14.337686540    | 25.593700000 | 133.944885000      | -3.163685000    | 130.9448                    |
| 4         | 02/16/2012  | 105.406250000 | 131.281250000                             | 1.405450460    | -13.861976620    | 25.875000000 | 134.281286000      | -3.000036000    | 131.0310                    |
| 5         | 02/15/2012  | 105.593750000 | 131.593750000                             | 1.413679240    | -14.431670190    | 26.000000000 | 134.844022000      | -3.250272000    | 131.6821                    |
| 6         | 02/14/2012  | 105.468750000 | 131.328125000                             | 1.425388930    | -15.843894000    | 25.859375000 | 134.490095000      | -3.161970000    | 131.3819                    |
| 7         | 02/13/2012  | 105.328125000 | 131.281250000                             | 1.425462960    | -15.751878740    | 25.953125000 | 134.389462000      | -3.108212000    | 131.2868                    |
| 8         | 02/10/2012  | 105.265625000 | 131.250000000                             | 1.429510470    | -16.125700000    | 25.984375000 | 134.352613000      | -3.102613000    | 130.9453                    |
| 9         | 02/09/2012  | 105.187500000 | 130.750000000                             | 1.428929690    | -16.148193360    | 25.562500000 | 134.157348000      | -3.407348000    | 130.7366                    |
| 10        | 02/08/2012  | 105.375000000 | 131.140625000                             | 1.442731260    | -17.466453550    | 25.765625000 | 134.561353000      | -3.420728000    | 131.4332                    |
| 11        | 02/07/2012  | 105.281250000 | 131.140600000                             | 1.448102590    | -18.189250950    | 25.859350000 | 134.268800000      | -3.128200000    | 131.2964                    |
| 12        | 02/06/2012  | 105.359375000 | 131.531200000                             | 1.451805350    | -18.457668300    | 26.171825000 | 134.503636000      | -2.972436000    | 131.5999                    |
| 13        | 02/03/2012  | 105.375000000 | 131.484300000                             | 1.447509650    | -18.143266680    | 26.109300000 | 134.388063000      | -2.903763000    | 131.7341                    |
| 14        | 02/02/2012  | 105.593750000 | 132.234300000                             | 1.437469360    | -16.899536130    | 26.640550000 | 134.888244000      | -2.653944000    | 132.5878                    |
| 15        | 02/01/2012  | 105.421875000 | 132.109300000                             | 1.430857900    | -16.433982850    | 26.687425000 | 134.409740000      | -2.300440000    | 132.0377                    |

| <u>Minimum<br/>Difference</u> | <u>Average<br/>Difference</u> | <u>Maximum<br/>Difference</u> | <u>Days</u> |
|-------------------------------|-------------------------------|-------------------------------|-------------|
| 25.453125000                  | 25.945806000                  | 26.687425000                  | 15          |
| 25.078125000                  | 25.916643000                  | 26.812500000                  | 30          |
| 25.078125000                  | 25.968035000                  | 26.812500000                  | 45          |
| 24.484375000                  | 25.848258000                  | 26.812500000                  | 100         |
| 16.999925000                  | 22.667141000                  | 26.812500000                  | 250         |