

Comparison of time residual means

1 Run Number 61440

This table shows the results of my last iteration.

| Time residual means (microns) | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|------|
| | SL1 | SL2 | SL3 | SL4 | SL5 | SL6 | avg. |
| Sec1 | 18 | 13 | -9 | 0 | -88 | -78 | -24 |
| Sec2 | 12 | 21 | -6 | -11 | -5 | -34 | -4 |
| Sec3 | 60 | 15 | 6 | -2 | 1 | -33 | 8 |
| Sec4 | 20 | 20 | 0 | -8 | -21 | -15 | 0 |
| Sec5 | 13 | 20 | 0 | -7 | -90 | -56 | -20 |
| Sec6 | 41 | 27 | -4 | -23 | -86 | -64 | -18 |
| avg. | 27 | 19 | -2 | -9 | -48 | -47 | -10 |

Results with modified user ana

| Time residual means (microns) | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|------|
| | SL1 | SL2 | SL3 | SL4 | SL5 | SL6 | avg. |
| Sec1 | 14 | 11 | -9 | -1 | -91 | -75 | -25 |
| Sec2 | 10 | 19 | -8 | -11 | -10 | -35 | -6 |
| Sec3 | 54 | 13 | 4 | -3 | -4 | -33 | 4 |
| Sec4 | 19 | 18 | -1 | -6 | -15 | -14 | 0 |
| Sec5 | 11 | 17 | -2 | -10 | -36 | -58 | -13 |
| Sec6 | 33 | 23 | -5 | -22 | -76 | -64 | -18 |
| avg. | 24 | 17 | -3 | -9 | -39 | -47 | -9 |

2 Run Number 61935

This table shows the results of my last iteration.

| Time residual means (microns) | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|------|
| | SL1 | SL2 | SL3 | SL4 | SL5 | SL6 | avg. |
| Sec1 | 30 | 29 | -1 | -6 | -16 | -56 | -3 |
| Sec2 | 23 | 35 | -8 | -17 | -87 | -51 | -17 |
| Sec3 | 45 | 12 | 1 | -22 | -76 | -25 | -10 |
| Sec4 | 23 | 25 | -1 | -12 | -6 | -62 | -5 |
| Sec5 | 42 | 26 | -5 | -21 | -95 | -52 | -17 |
| Sec6 | 48 | 24 | -5 | -27 | -24 | -58 | -7 |
| avg. | 35 | 25 | -3 | -18 | -51 | -51 | -10 |

Results with modified user ana

Time residual means (microns)

| | <i>SL1</i> | <i>SL2</i> | <i>SL3</i> | <i>SL4</i> | <i>SL5</i> | <i>SL6</i> | <i>avg.</i> |
|-------------|------------|------------|------------|------------|------------|------------|-------------|
| <i>Sac1</i> | 27 | 26 | 0 | -3 | -16 | -56 | -3 |
| <i>Sac2</i> | 18 | 32 | -7 | -17 | -82 | -51 | -17 |
| <i>Sac3</i> | 42 | 11 | 3 | -20 | -76 | -24 | -10 |
| <i>Sac4</i> | 20 | 21 | -3 | -12 | -7 | -21 | 0 |
| <i>Sac5</i> | 37 | 23 | -6 | -20 | -93 | -52 | -18 |
| <i>Sac6</i> | 41 | 21 | -5 | -27 | -25 | -58 | -9 |
| <i>avg.</i> | 31 | 22 | -2 | -16 | -50 | -44 | -10 |