

# Mipas ozone assimilation vs. haloe observations

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## Bias (assimilation - observations, ppmv)

| level [K] | 75 | 45 | 10 | 10    | 45    | 75 |
|-----------|----|----|----|-------|-------|----|
| 1600      | -  | -  | -  | 0.100 | 0.168 | -  |
| 1250      | -  | -  | -  | 0.235 | 0.071 | -  |
| 850       | -  | -  | -  | 0.521 | 0.677 | -  |
| 650       | -  | -  | -  | 1.549 | 0.600 | -  |
| 500       | -  | -  | -  | 1.303 | 0.704 | -  |

## Number of measurements

| level [K] | 75 | 45 | 10 | 10 | 45 | 75 |
|-----------|----|----|----|----|----|----|
| 1600      | 0  | 0  | 0  | 15 | 68 | 0  |
| 1250      | 0  | 0  | 0  | 15 | 68 | 0  |
| 850       | 0  | 0  | 0  | 15 | 68 | 0  |
| 650       | 0  | 0  | 0  | 15 | 68 | 0  |
| 500       | 0  | 0  | 0  | 15 | 68 | 0  |

## Variance

| level [K] | 75 | 45 | 10 | 10    | 45    | 75 |
|-----------|----|----|----|-------|-------|----|
| 1600      | -  | -  | -  | 0.088 | 0.148 | -  |
| 1250      | -  | -  | -  | 0.320 | 0.111 | -  |
| 850       | -  | -  | -  | 0.553 | 0.545 | -  |
| 650       | -  | -  | -  | 2.956 | 0.525 | -  |
| 500       | -  | -  | -  | 2.028 | 0.544 | -  |