**Mtriage Summary**

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| --- | --- | --- |
| Map Resolution Estimates | Masked | Unmasked |
| using map alone (d99) | 2.61 | 2.43 |
| using map alone (d9999) | 2.20 | 1.94 |
| using map alone (d99999) | 2.04 | 1.71 |
| comparing with model (d\_model) | 2.90 | 3.00 |
| b\_iso\_overall | 40.00 | 30.00 |
| comparing with model (d\_model\_b0)  b\_iso\_overall=0 | 3.40 | 3.30 |
| d\_fsc\_model |  |  |
| FSC(map,model map)@0 | 2.25 | 2.37 |
| FSC(map,model map)@0.143 | 2.57 | 2.79 |
| FSC(map,model map)@0.5 | 2.89 | 49.04 |
| d99 (half map 1) | 3.51 | 2.76 |
| d99 (half map 2) | 3.51 | 2.76 |
| FSC(half map 1,2)@0.143 (d\_fsc) | 2.71 | 2.70 |
|  |  |  |
| Radius used for mask smoothing: 2.43 | | |
| Supplied Resolution (based on [FSC@0.143](mailto:FSC@0.143) from Relion): 2.75 | | |

**Map-model CC (overall)**

|  |  |
| --- | --- |
| CC\_mask | 0.8349 |
| CC\_volume | 0.8348 |
| CC\_main\_chain | 0.8386 |
| CC\_side\_chain | 0.8085 |

Legend:

* **d\_fsc** - highest resolution at which the experimental data are confident. Obtained from FSC curve calculated using two half-maps and taken at FSC=0.143.
* **d99** - resolution cutoff beyond which Fourier map coefficients are negligeably small. Calculated from the map.
* **d\_model** - resolution cutoff at which the model map is the most similar to the target (experimental) map.
* **d\_FSC\_model** - resolution cutoff up to which the model and map Fourier coefficients are similar.