**CMDPS AI Validation Report**

INPUT DATA : COMS - MODIS04, COMS - OMI  
 Reporting Period : 2016. 04(20160401 ~ 20160430)  
 Collocation Data(Input Data)  
 - Area : cn(ENH)  
 Reference  
 - Time Matching : COMS Time-Based MODIS Time -30 ~ +30 minute  
 COMS Time-Based OMI nearest Time   
 - Area Matching : COMS Point-Based MODIS 5\*5 Pixel Mean  
 Matching after changing 0.25\*0.25(Lat) Grid both COMS and OMI  
  
  
 AI\_MODIS AI\_OMI  
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 Total Number 4385938 1712563  
 Using Number 4385938 1712563  
 Hit 1407 0  
 Miss 4384531 644014  
 Fls\_arm 0 0  
 Cor\_neg 0 1068549  
 PC 0.000 0.624  
 POD 0.000 0.000  
 FAR 0.000 NaN  
 POFD NaN 0.000  
 TS 0.000 0.000  
  
  
 Statistics Method  
 - Total Number : Collocation total Number  
 - Using Number : Using Total Number of Producting statistical Value  
 - HIT : Hit  
 - Miss : Miss  
 - Fls\_arm : False Alarm  
 - cor\_neg : Correct Negative  
 - PC : Percent Correct  
 - POD : Probability Of Detection  
 - FAR : False Alarm Ratio  
 - POFD : Probability Of False Detection  
 - TS(CIS) : Threat Score