

# Marmousi-II FWI using different acquisition geometries

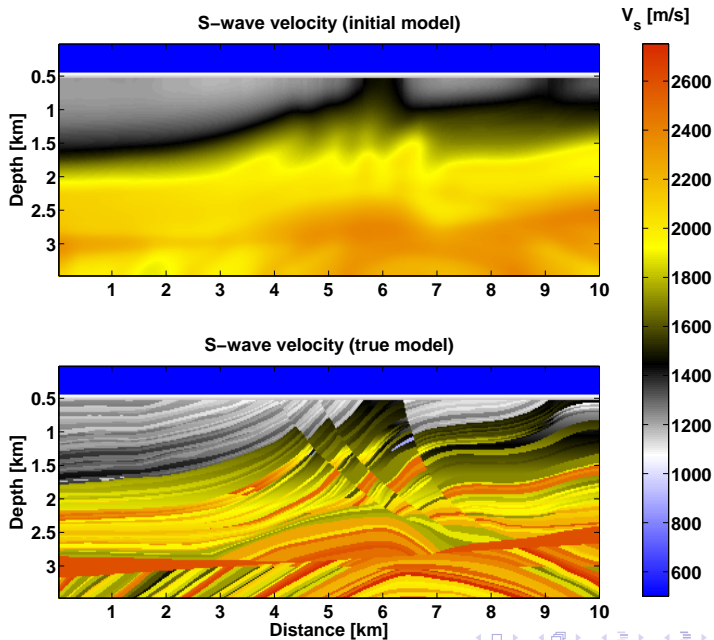
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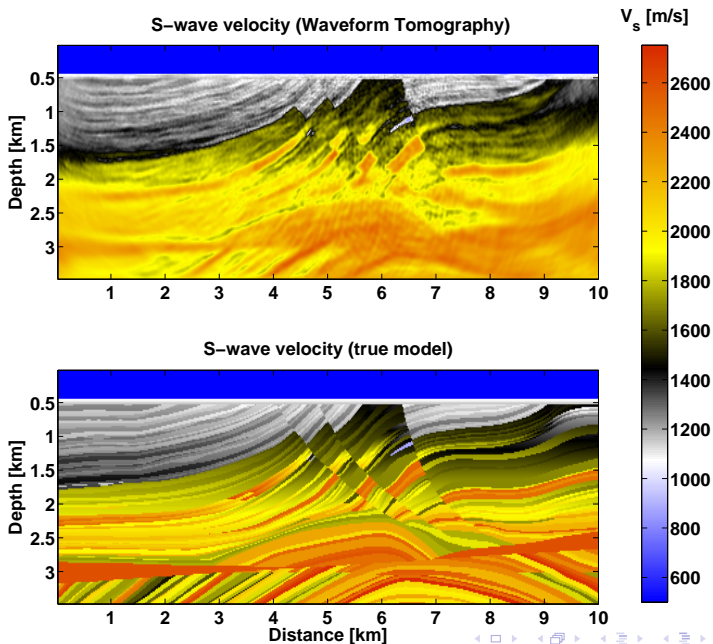
- 1 The Marmousi-II model ( $v_x + v_y$  component)
  - 600 m streamer
  - 8 OBS
  - 600 m streamer + 8 OBS
  - OBC
  - OBC + VSP
  - VSP
- 2 The Marmousi-II model: Influence of different components

# The Marmousi-II model ( $v_x + v_y$ component)

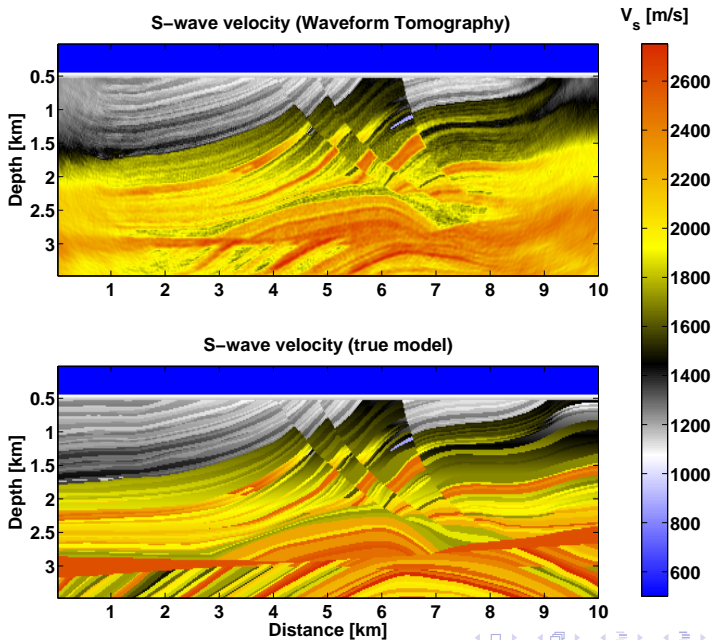
# Vs, initial model



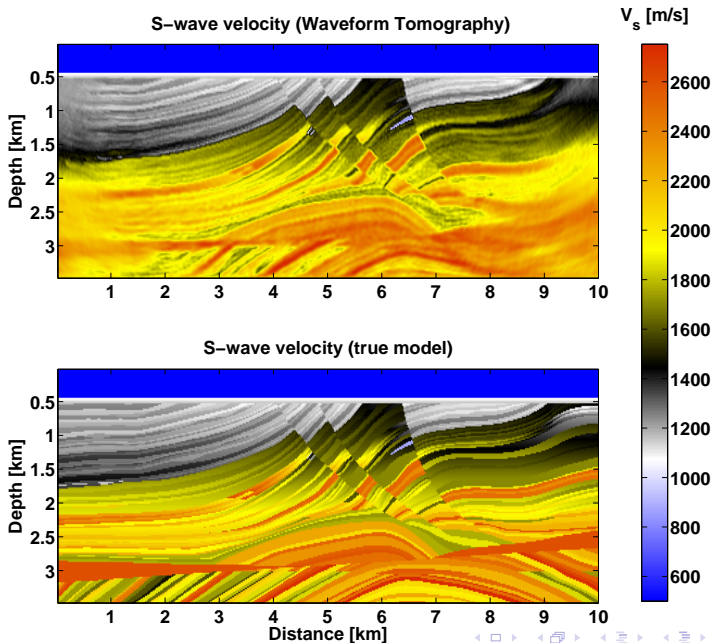
# Vs, FWI result (600 m streamer)



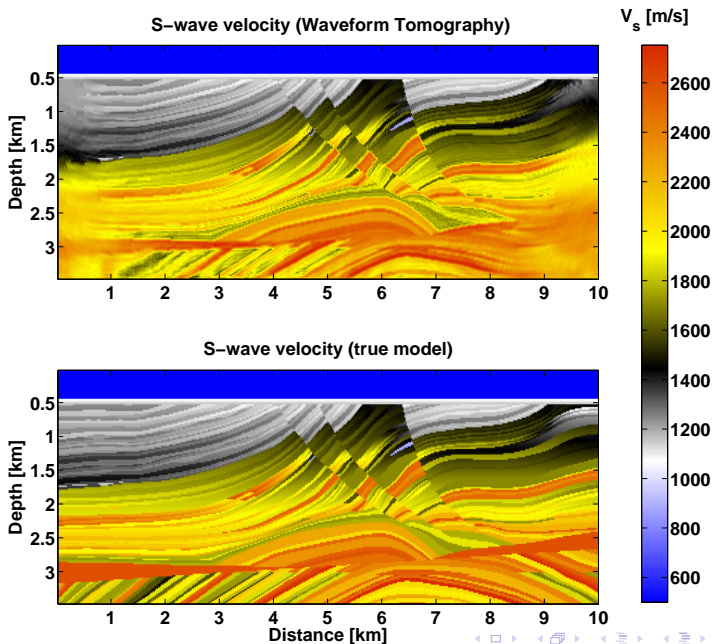
# Vs, FWI result (8 OBS)



# Vs, FWI result (600 m streamer + 8 OBS)

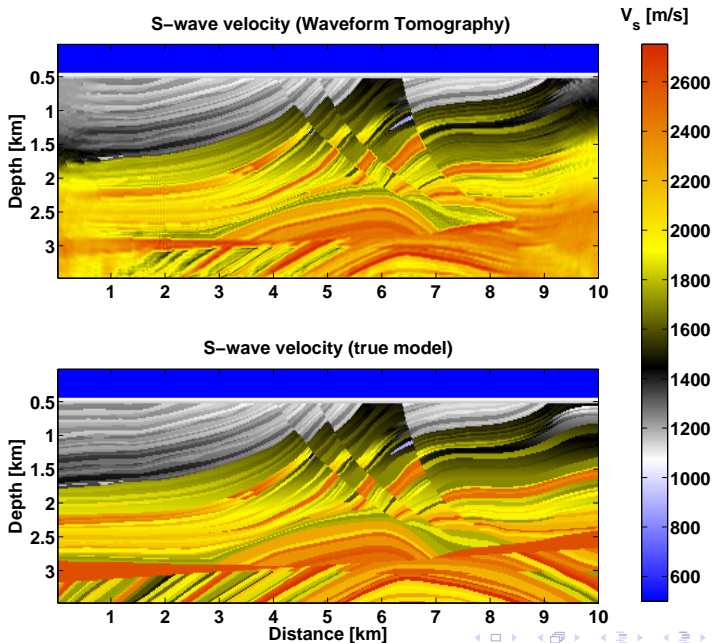


# Vs, FWI result (OBC)

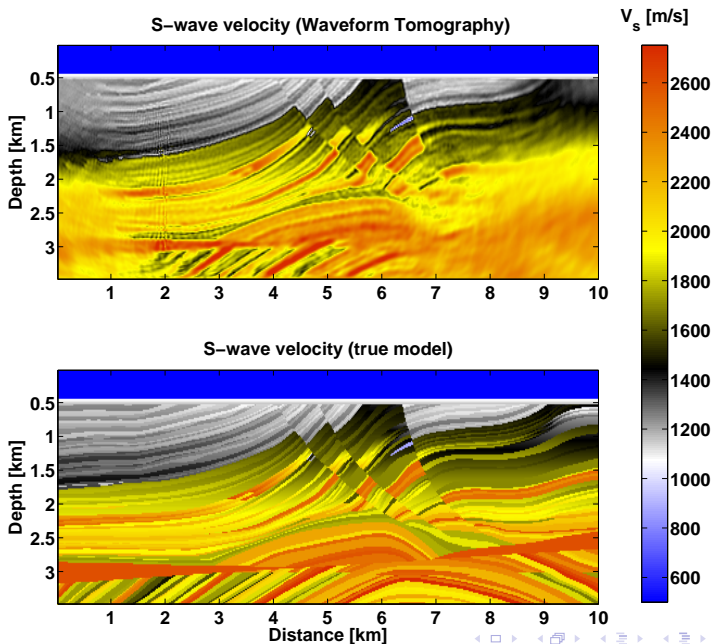




# Vs, FWI result (OBC + VSP)

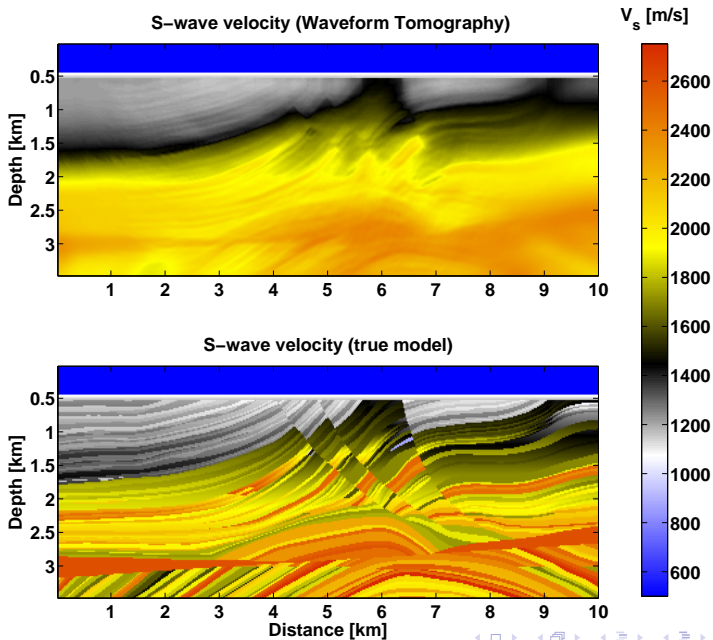


# Vs, FWI result (VSP)

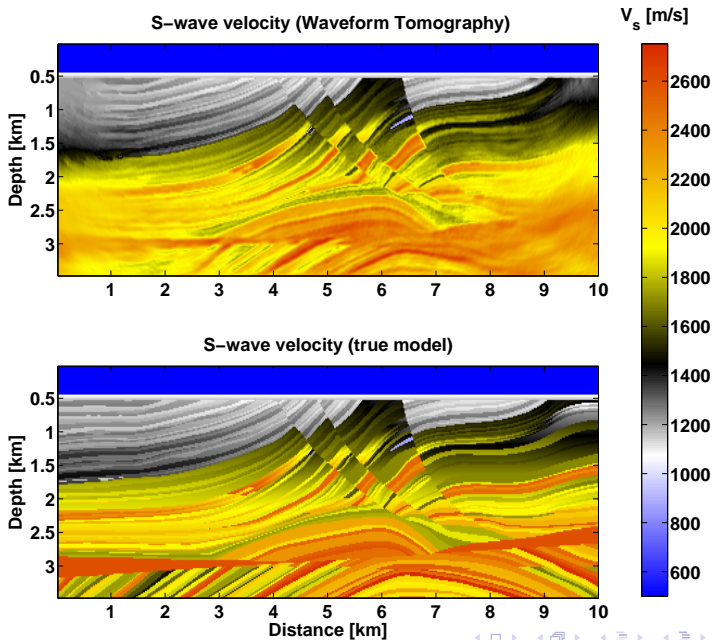


# The Marmousi-II model: Influence of different components

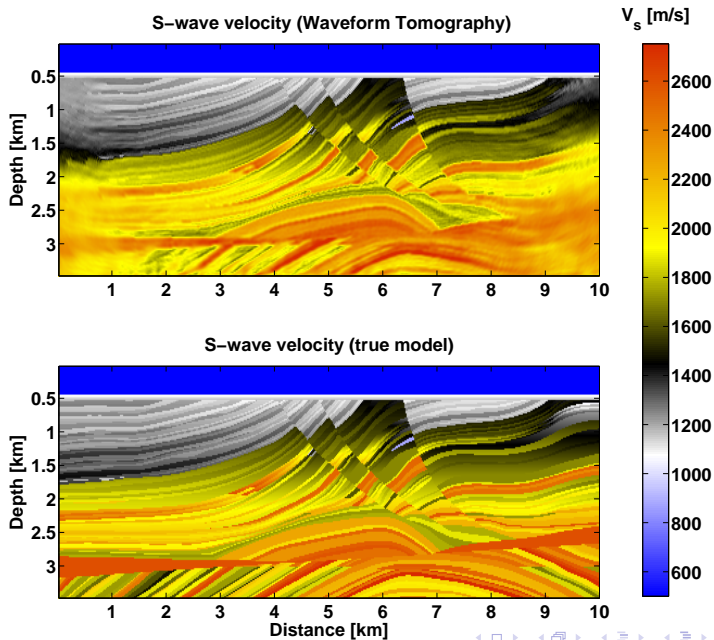
# Vs, FWI result (OBC, vx)



# Vs, FWI result (OBC, p)



# Vs, FWI result (OBC, $v_y$ )



# Vs, FWI result (OBC, vx + vy)

