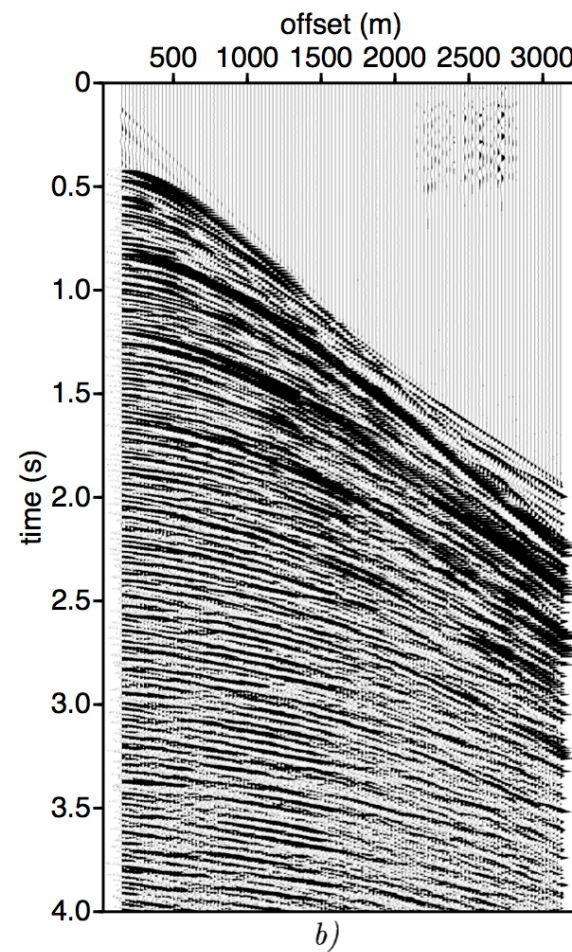
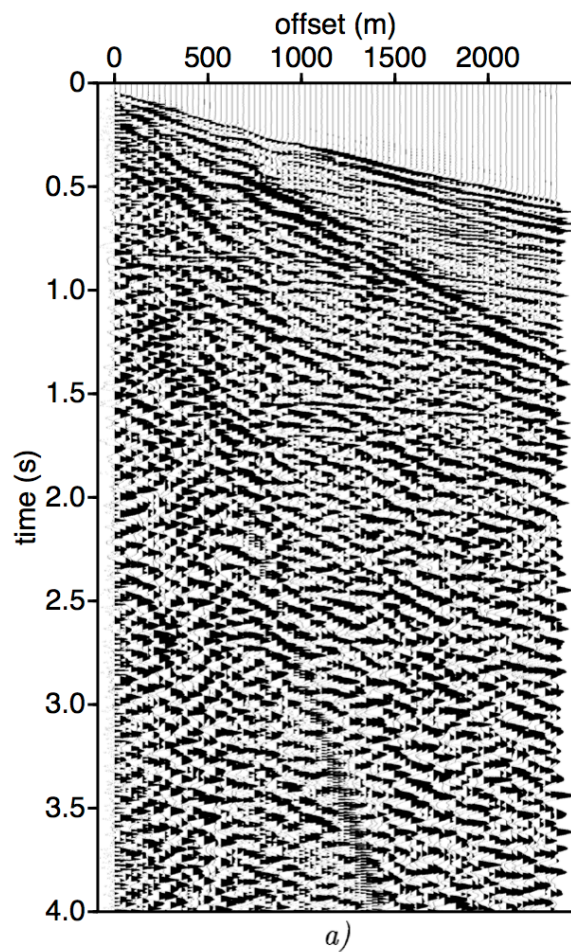


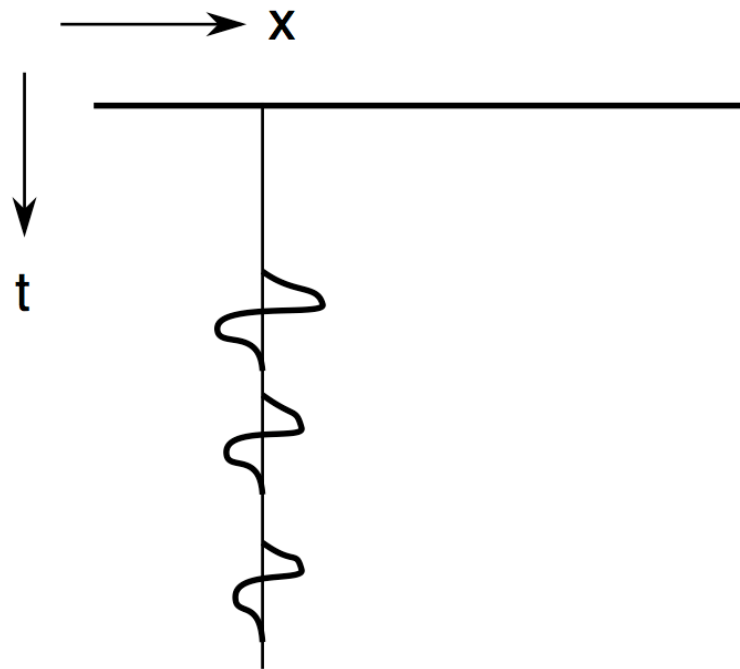
# Seismic Data Processing

Adapted from:  
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Geotechnology Department  
Section of Applied Geophysics

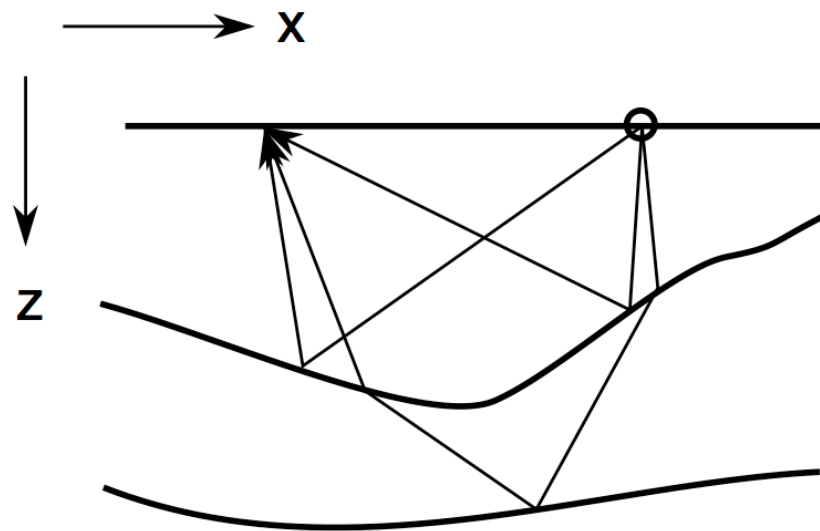
# Land- and marine seismic data



# Reflections

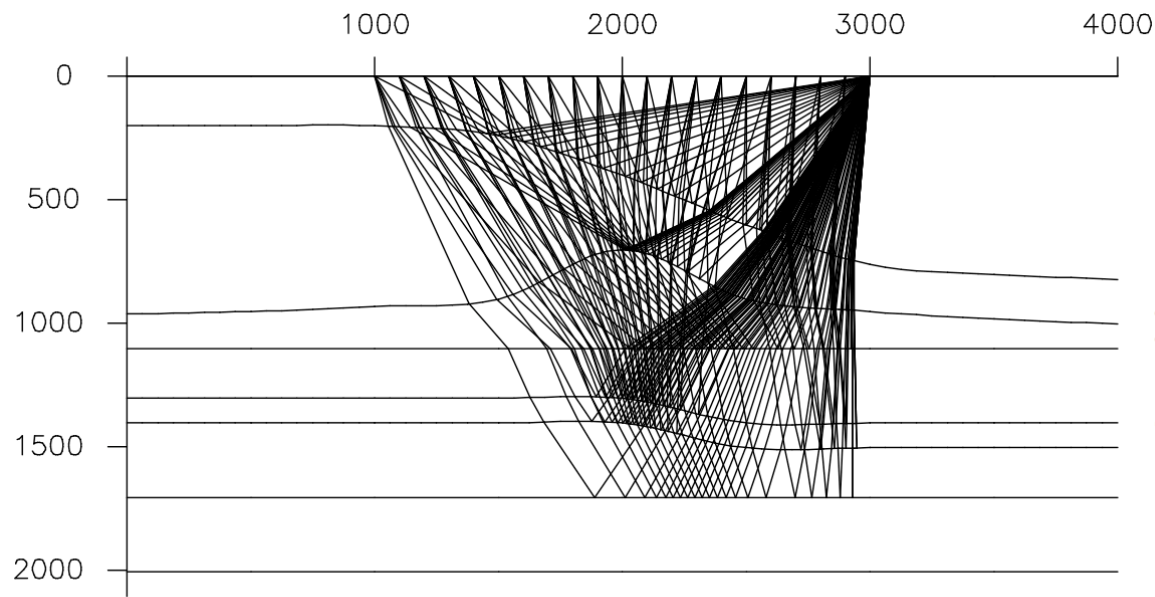


a)

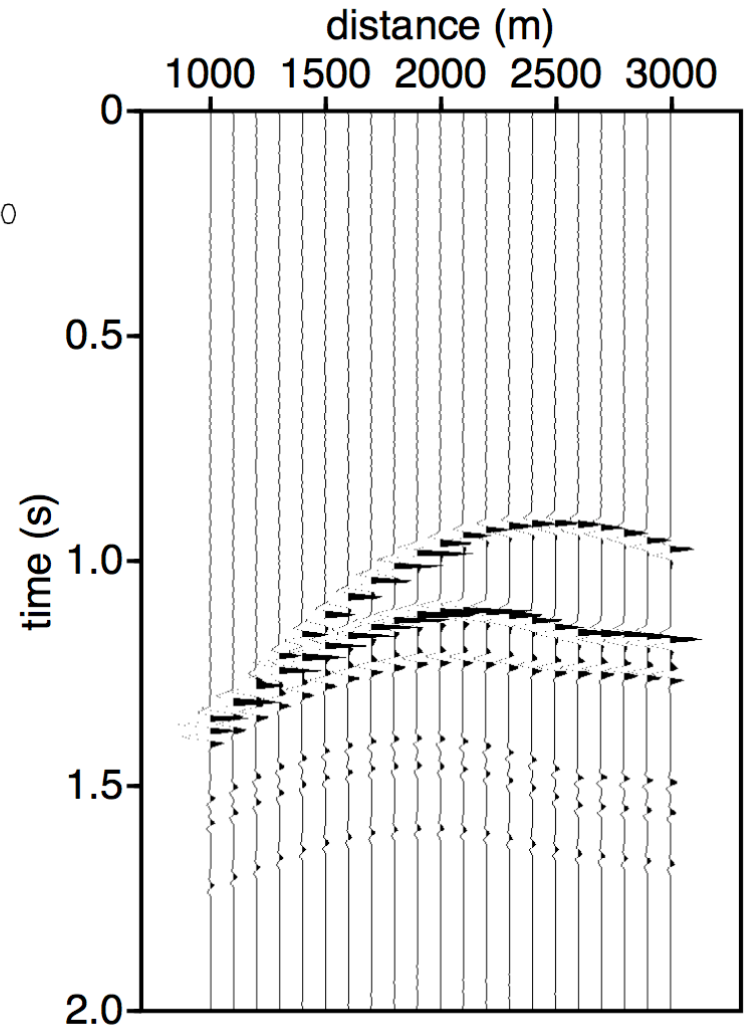


b)

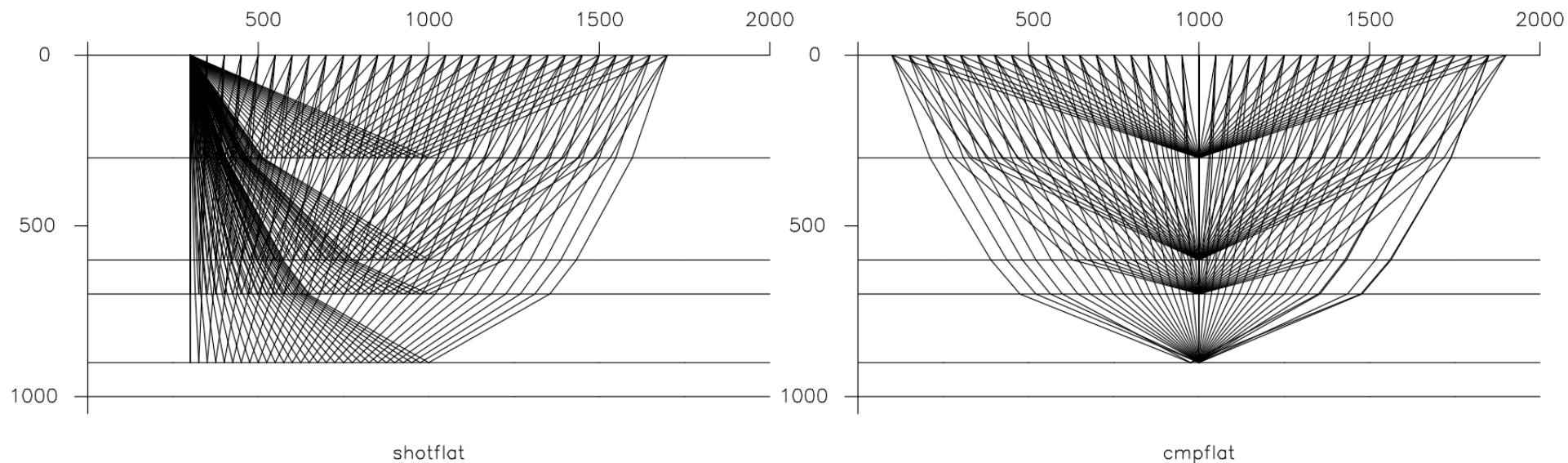
# Shotgather



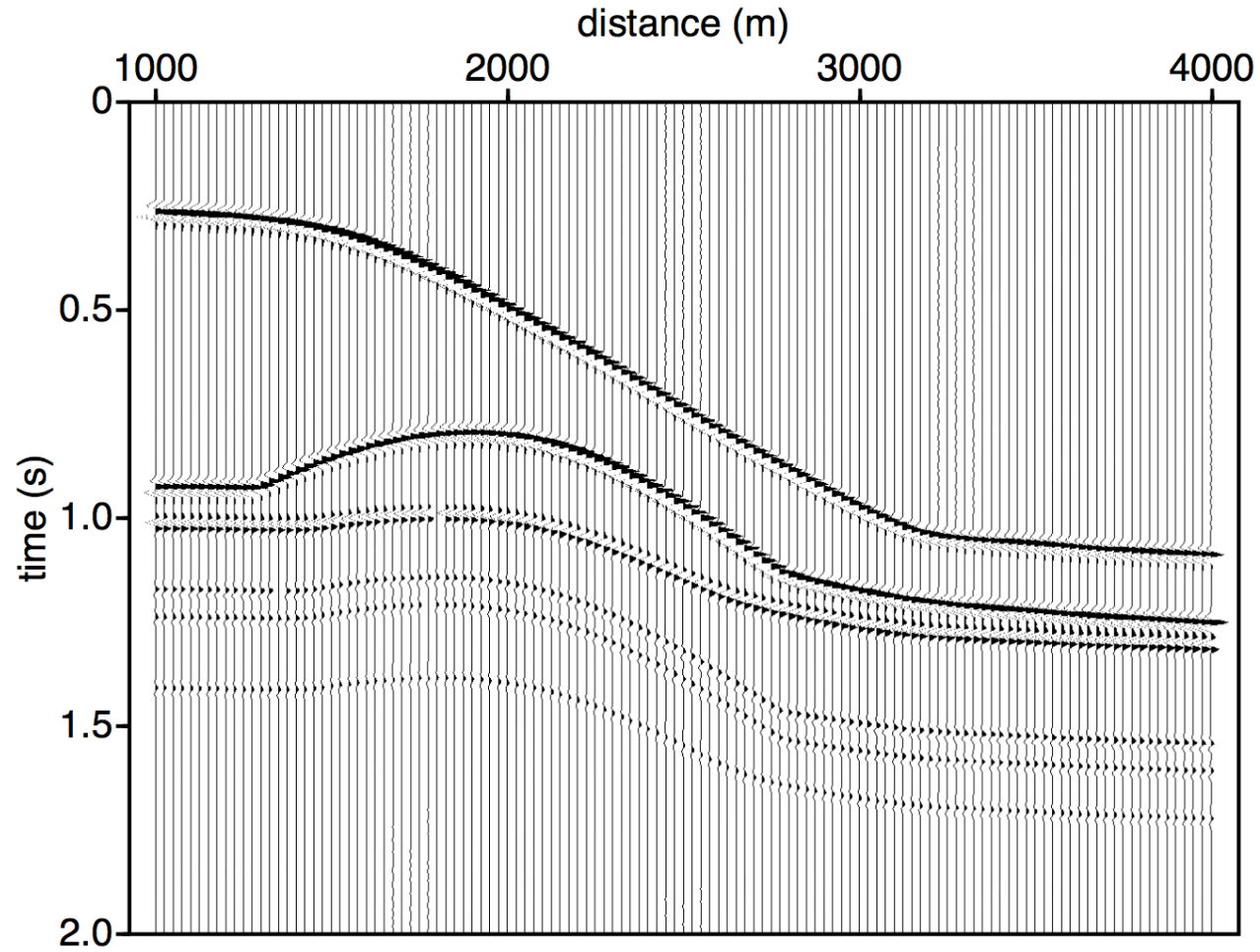
shotsync



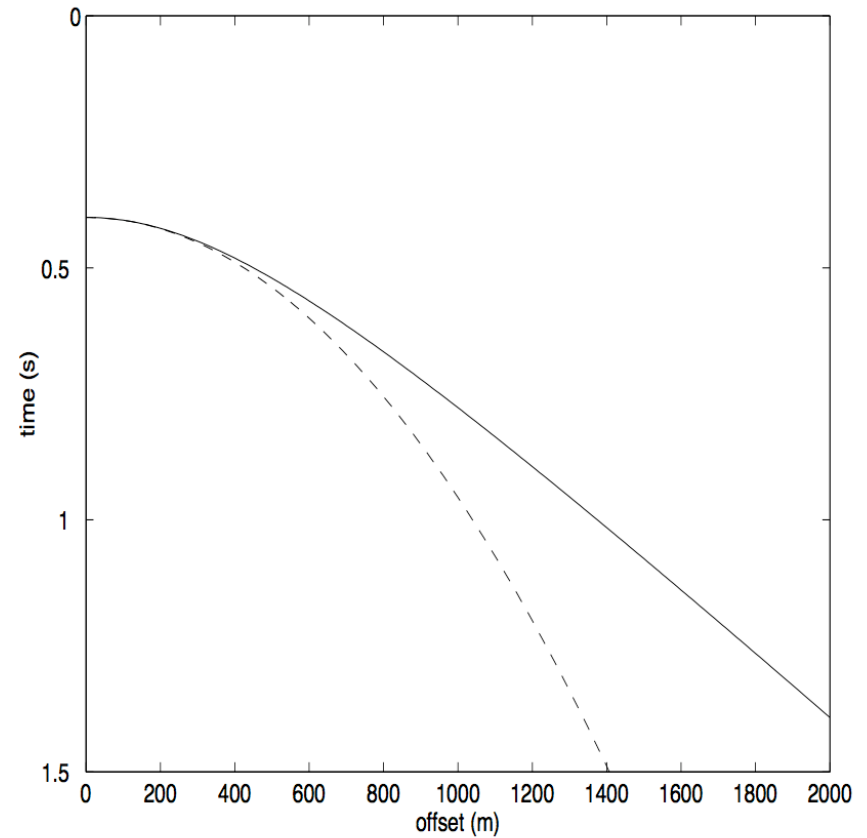
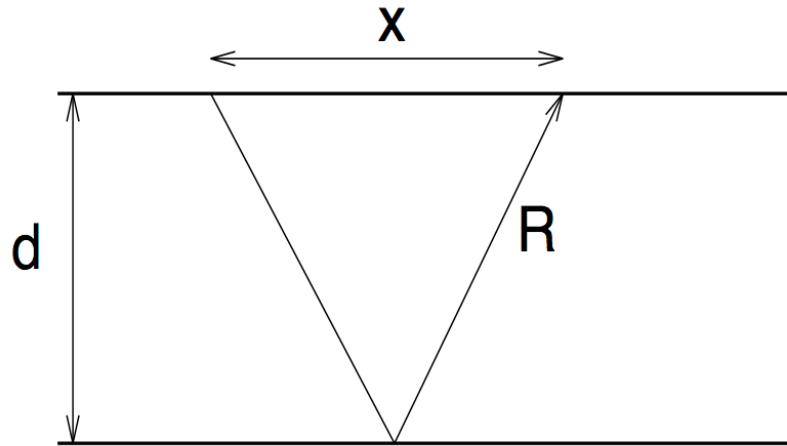
# Common shotpoint- and common midpoint gathers



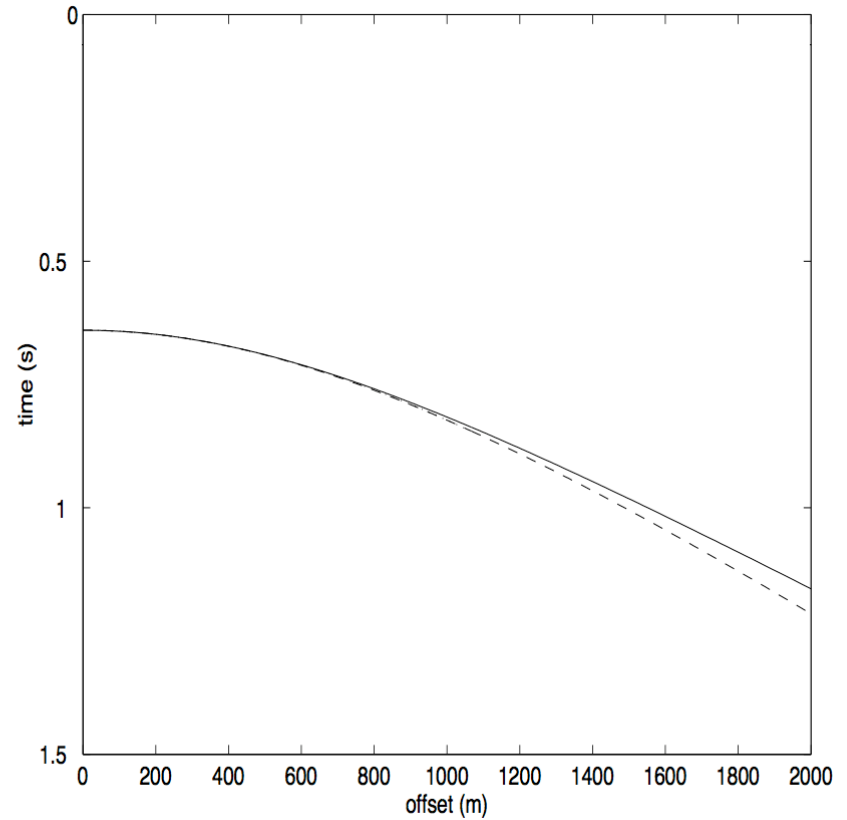
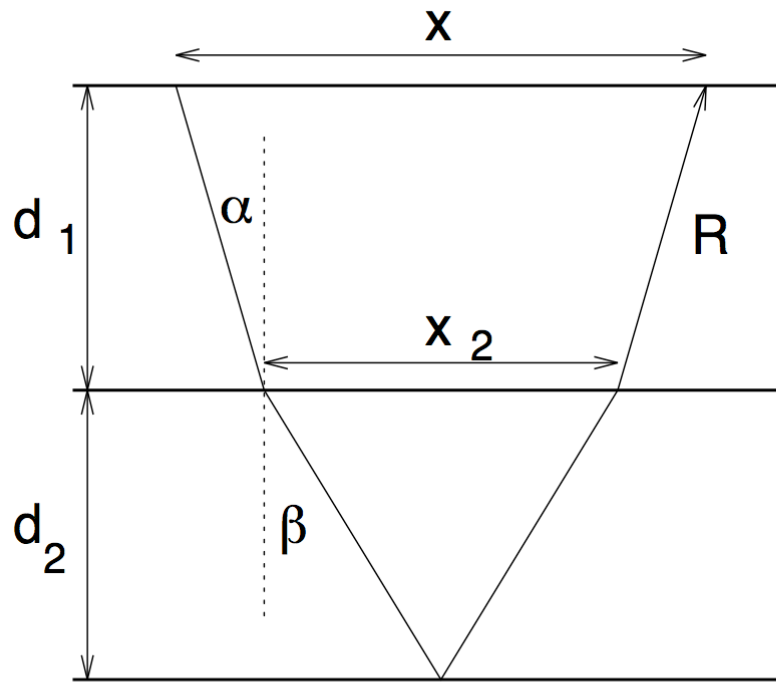
# Zero-offset Section



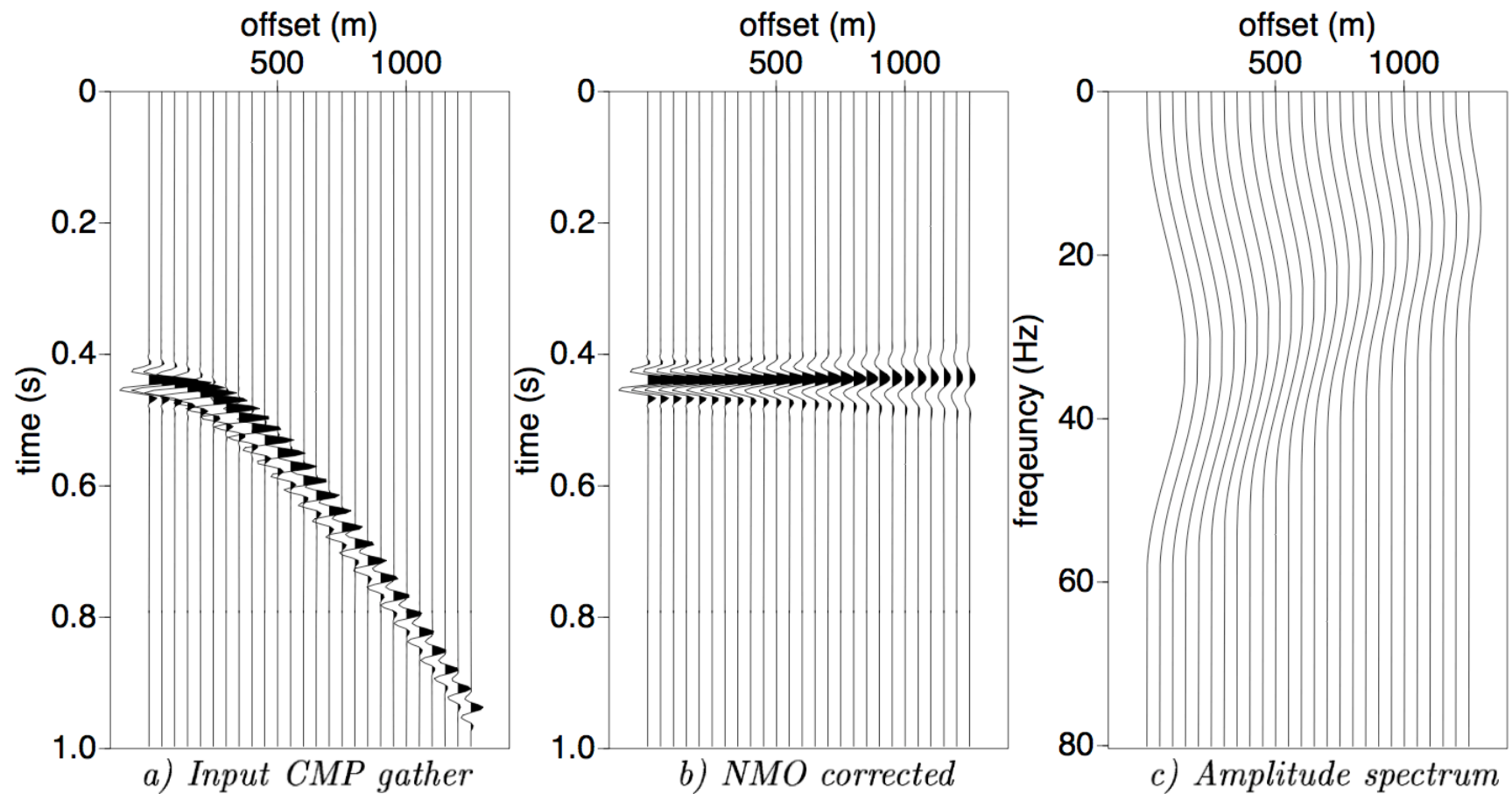
# NMO curve for one layer



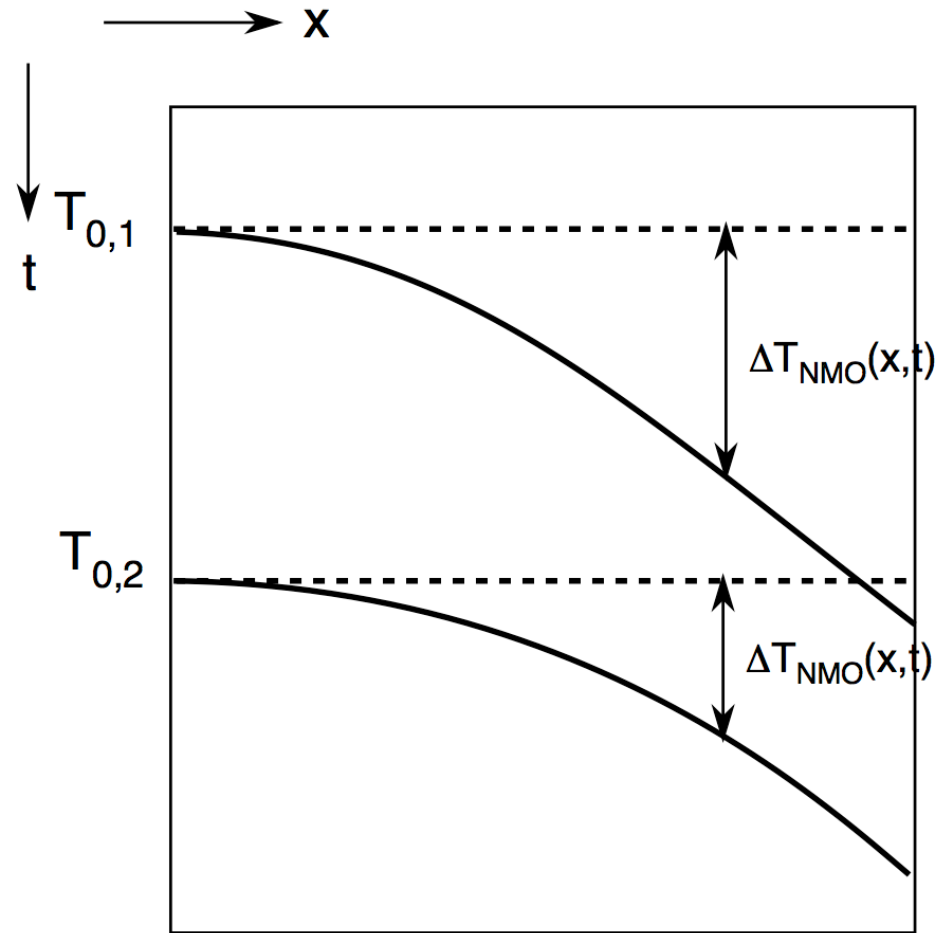
# NMO curve for two layers



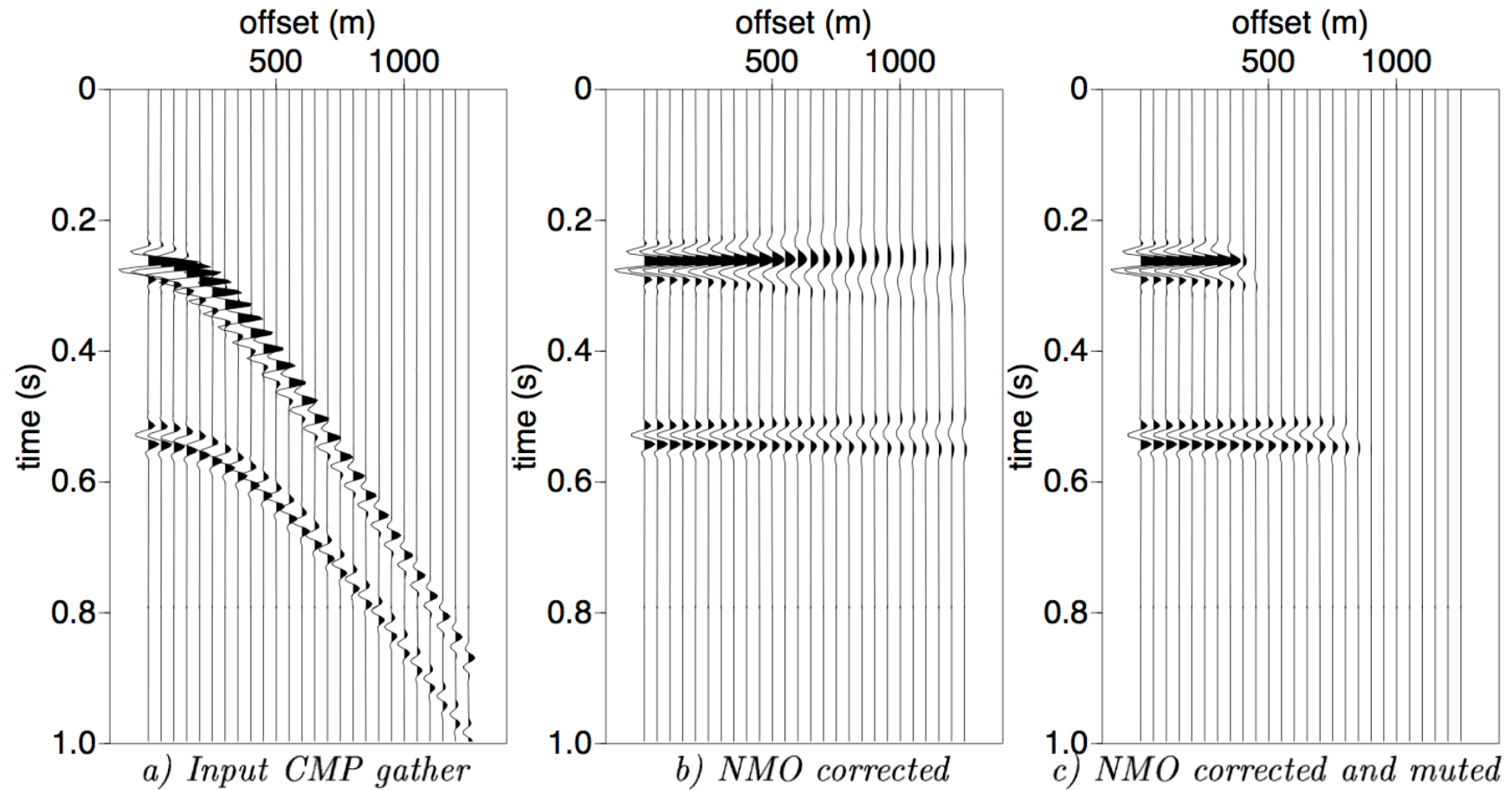
# NMO correction



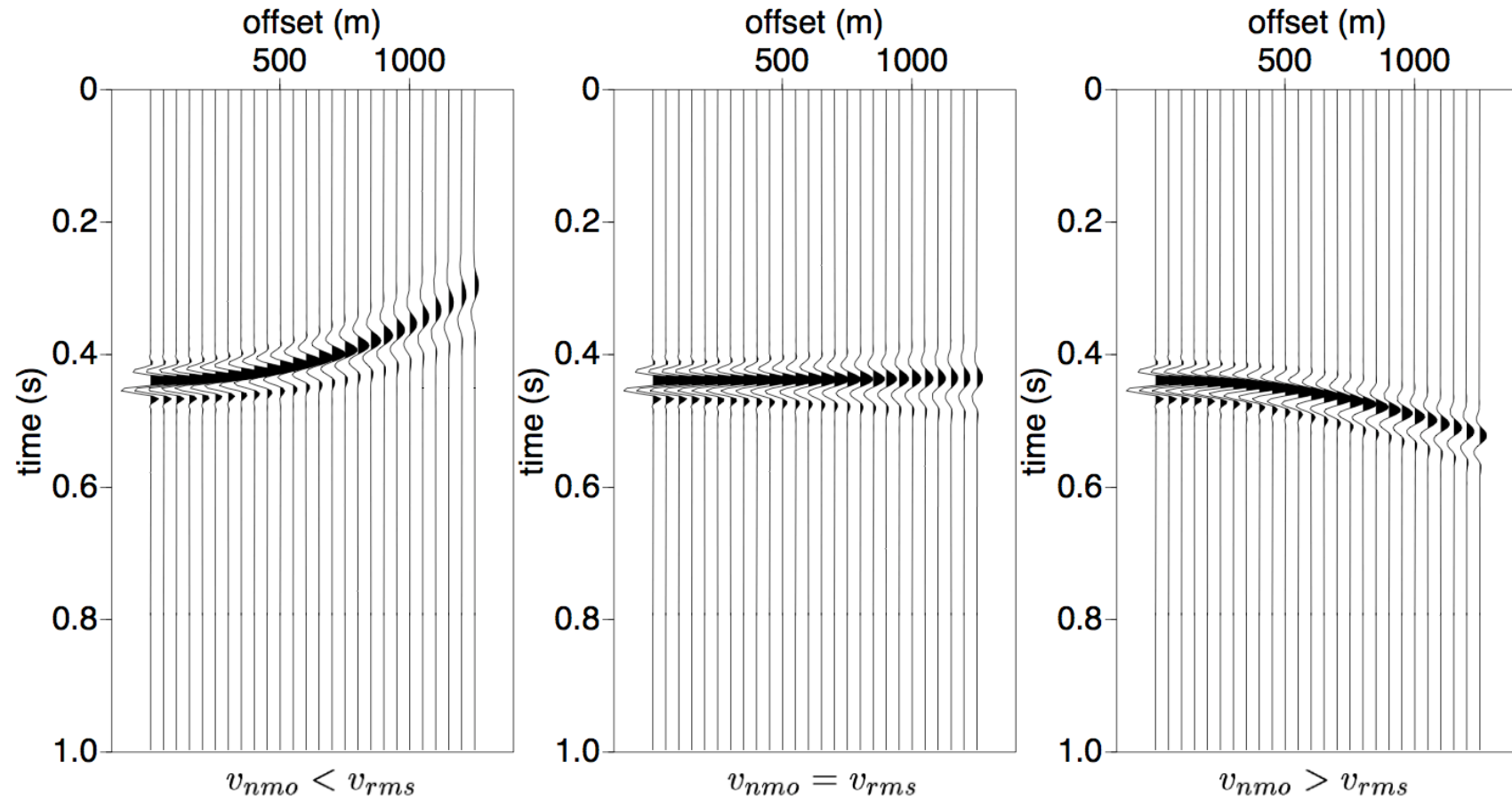
# NMO correction



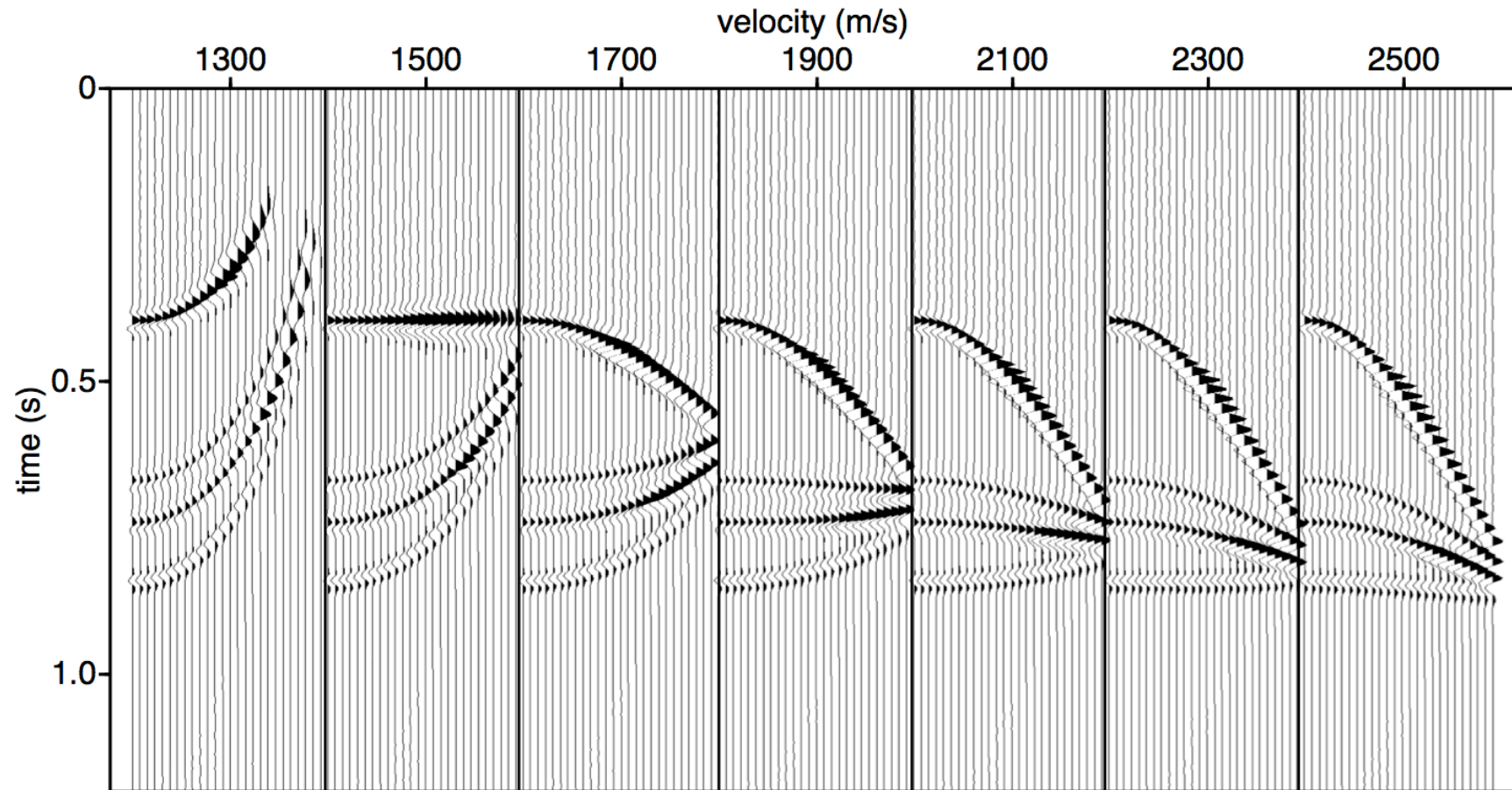
# NMO correction and mute



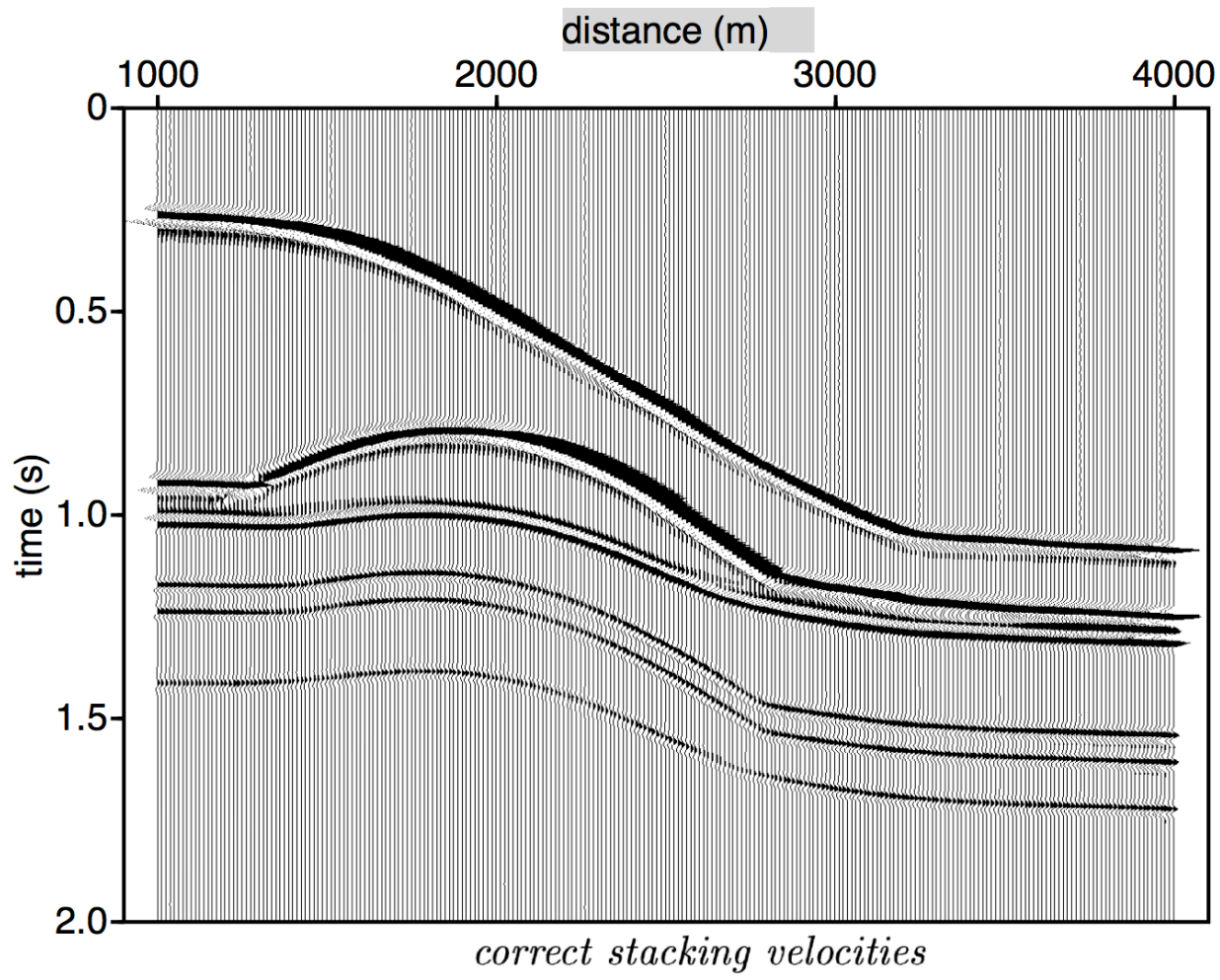
# Inaccurate NMO corrections



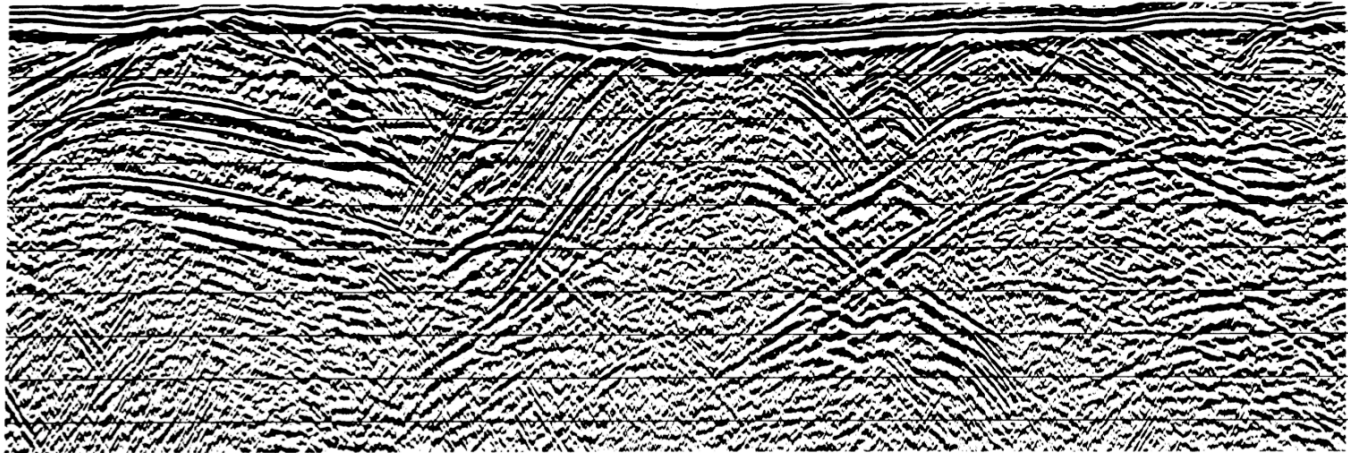
# Velocity Panel



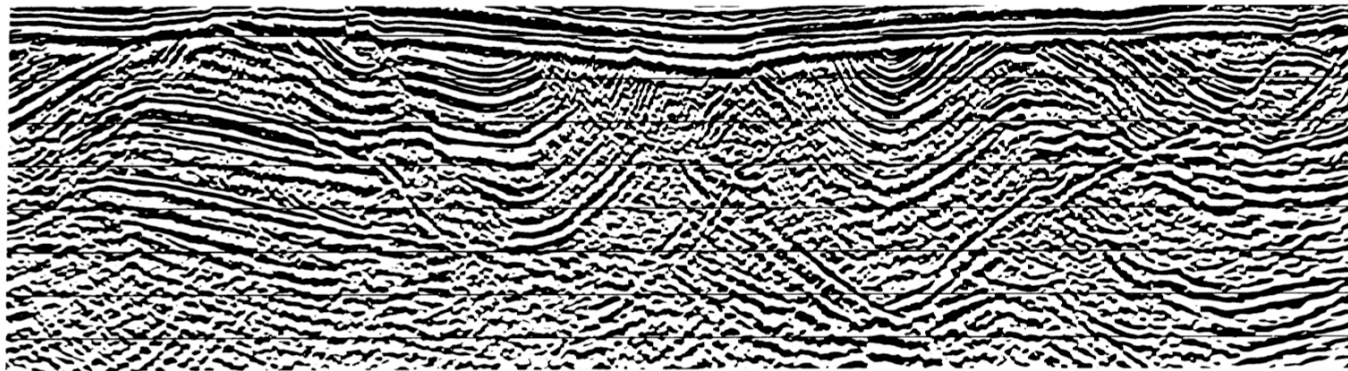
# Correct Stack



# The need for migration (focusing)



(a)



(b)