

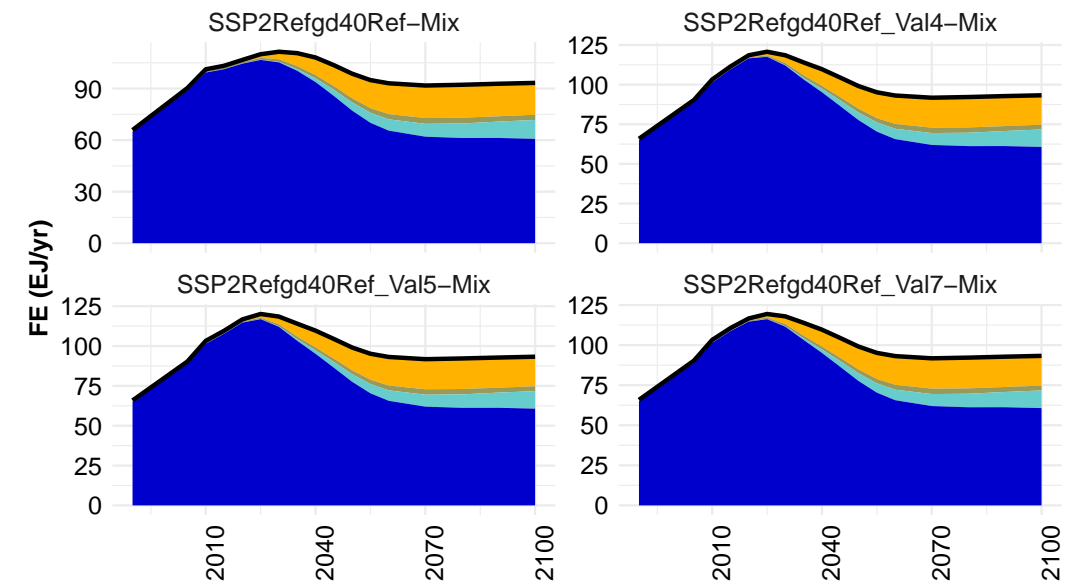
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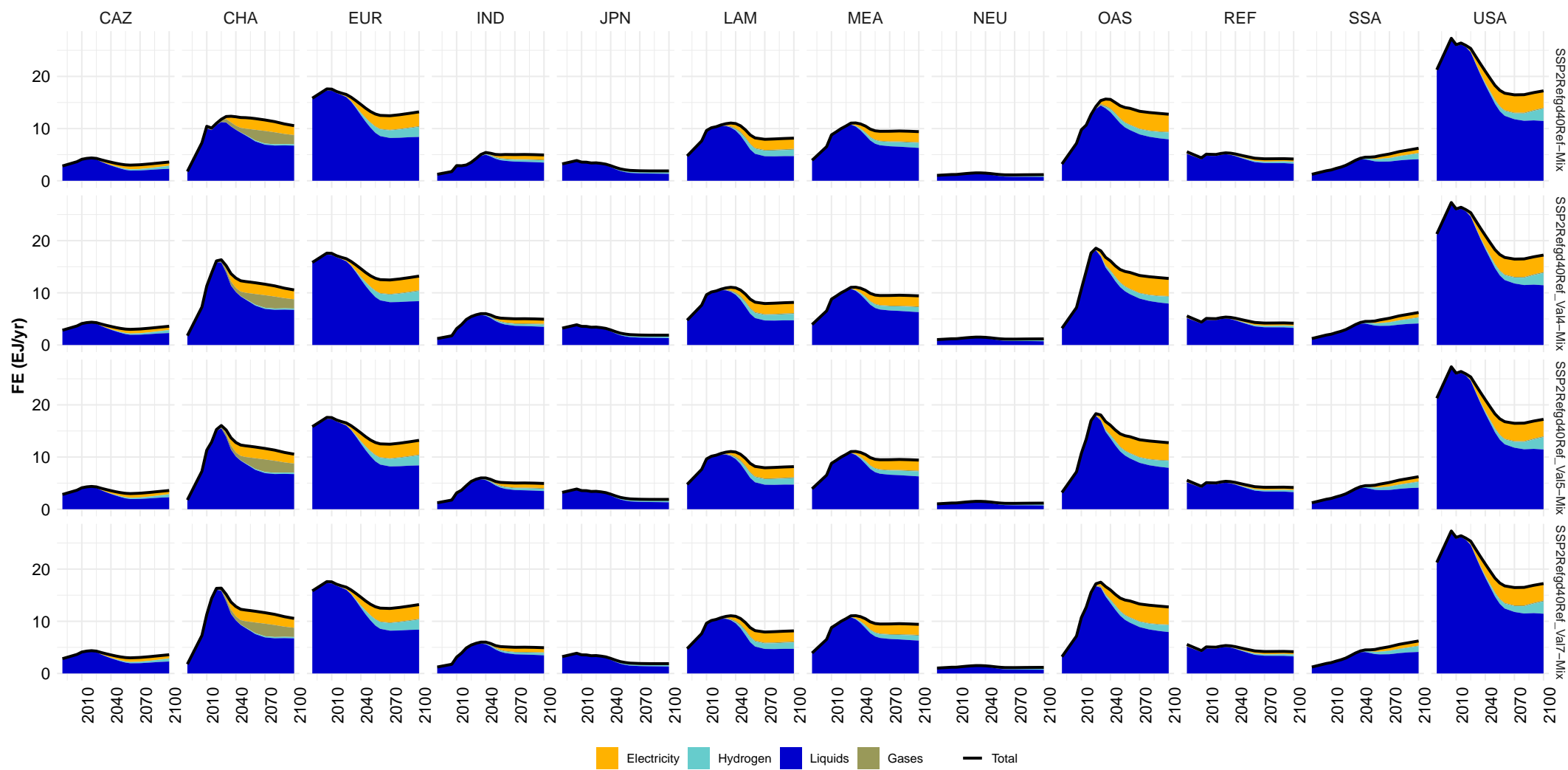
# 1 Energy

## 1.1 Final energy by carrier

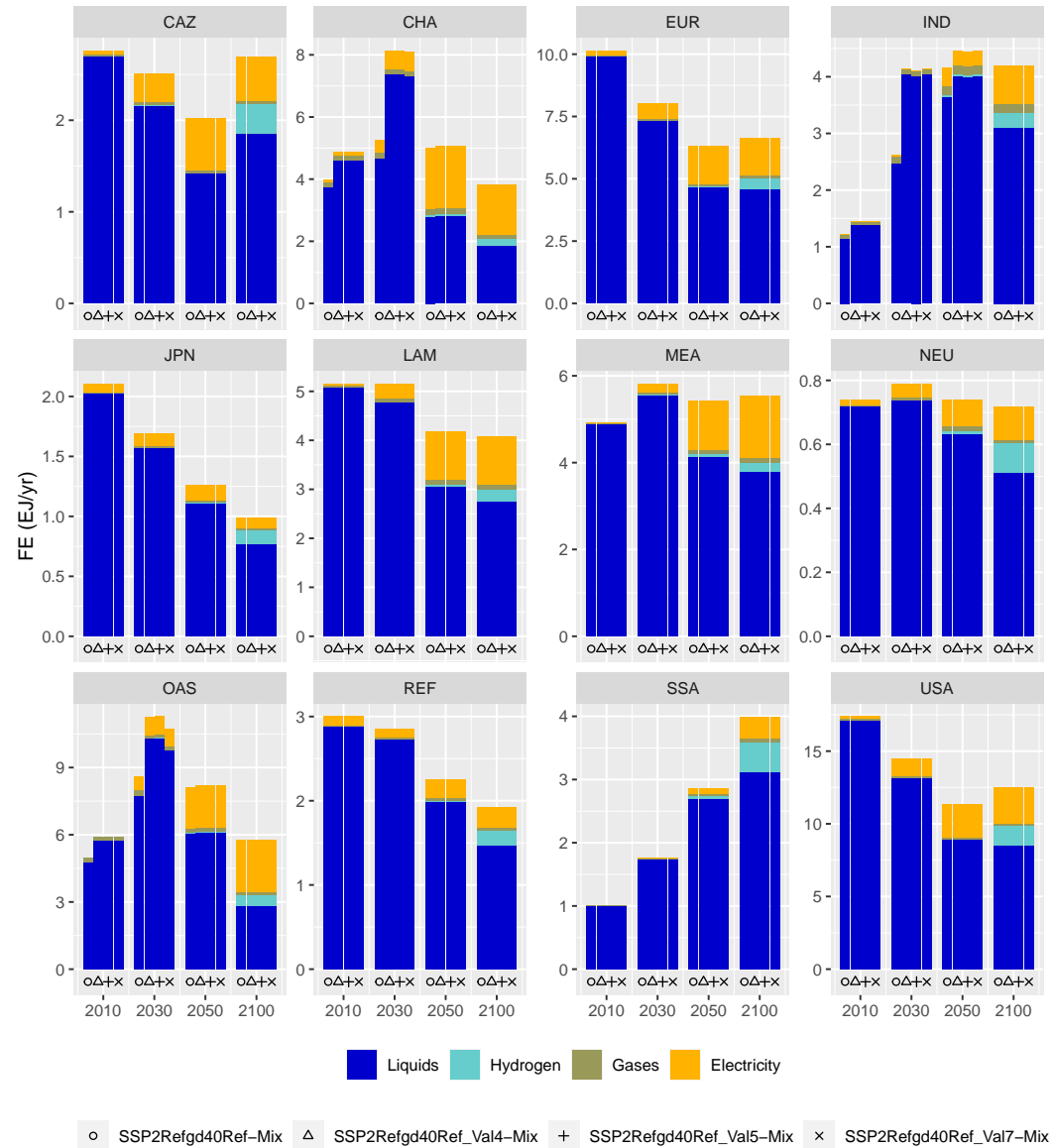
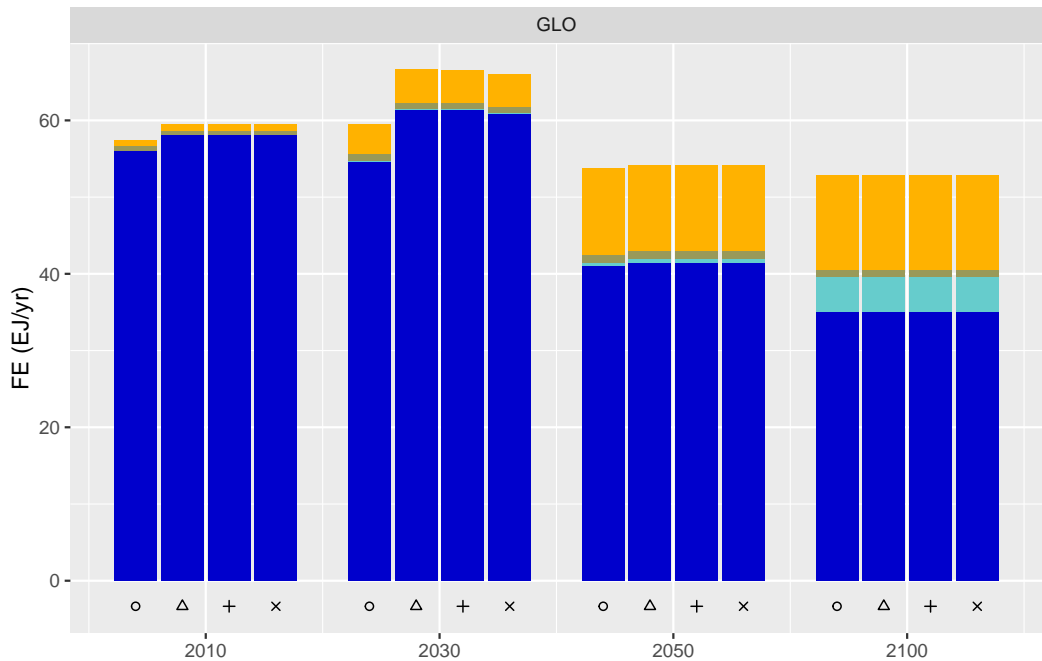
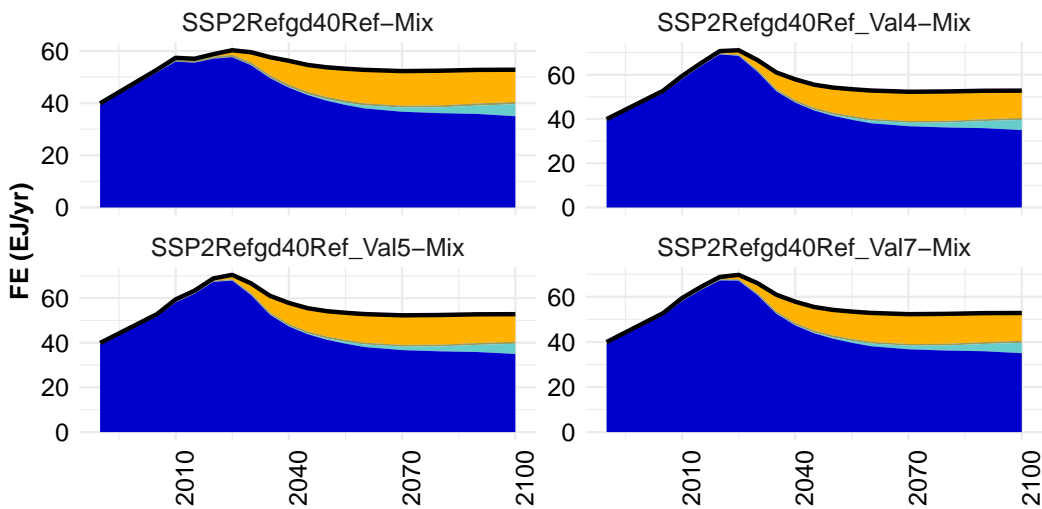
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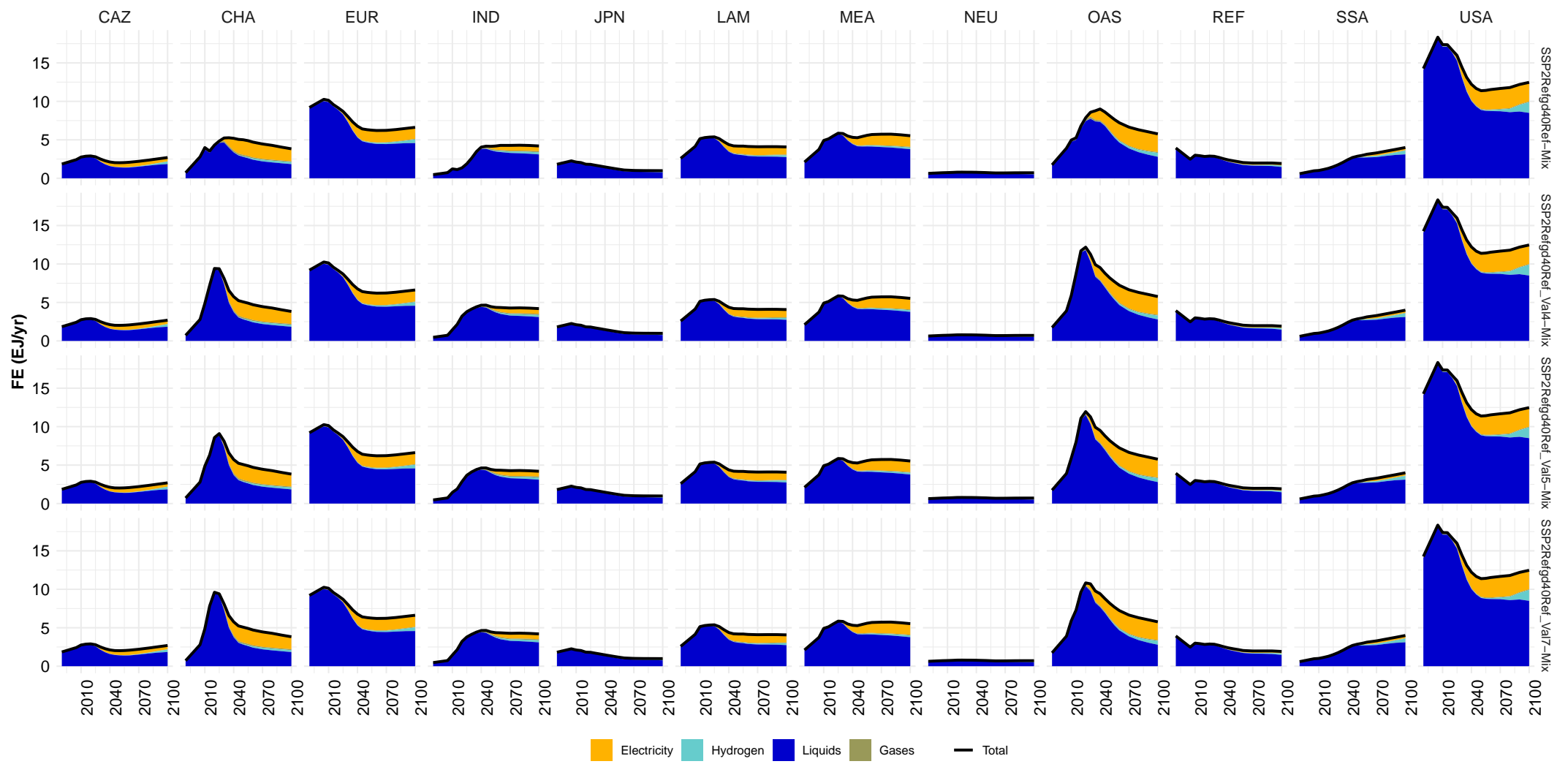




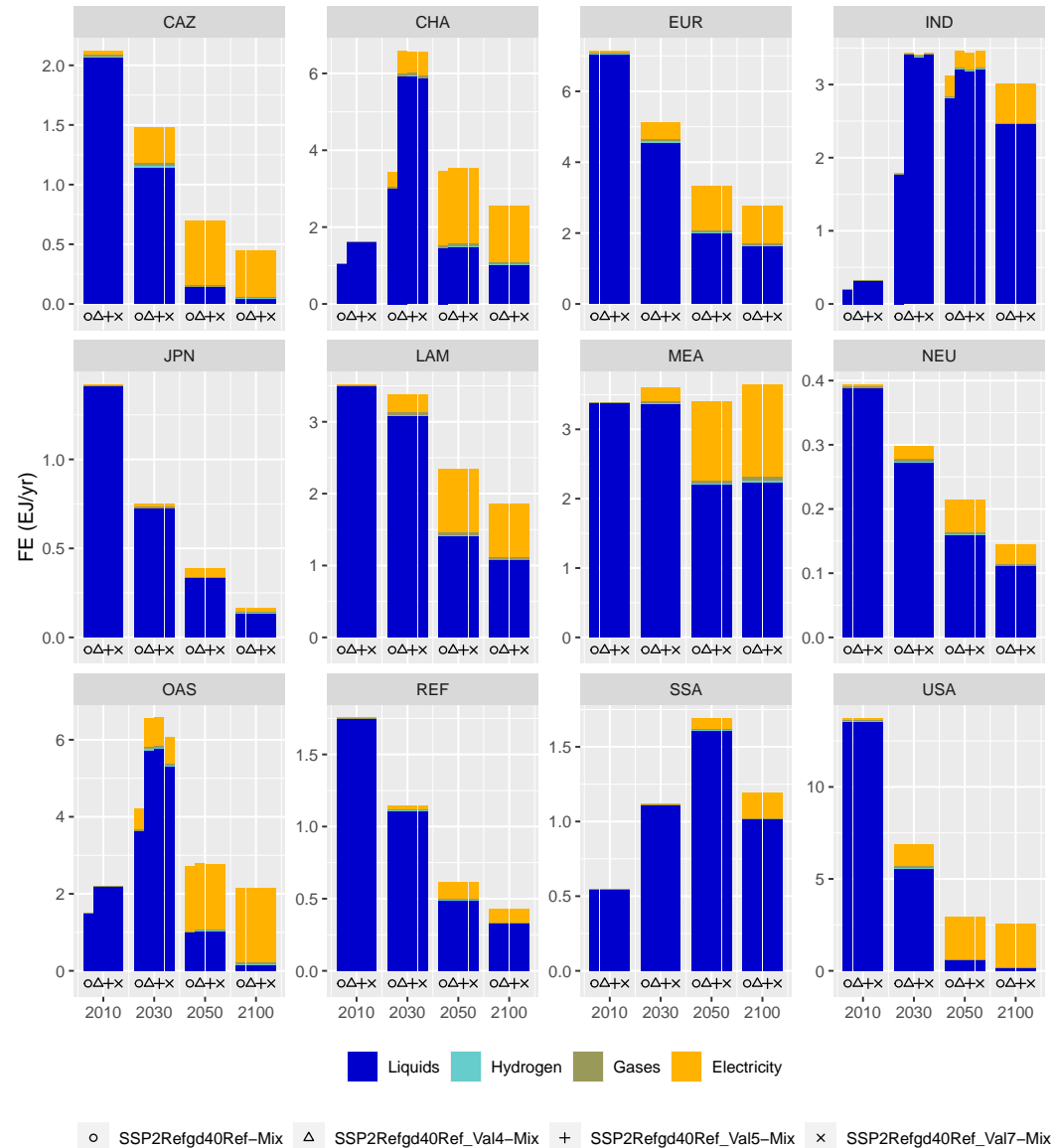
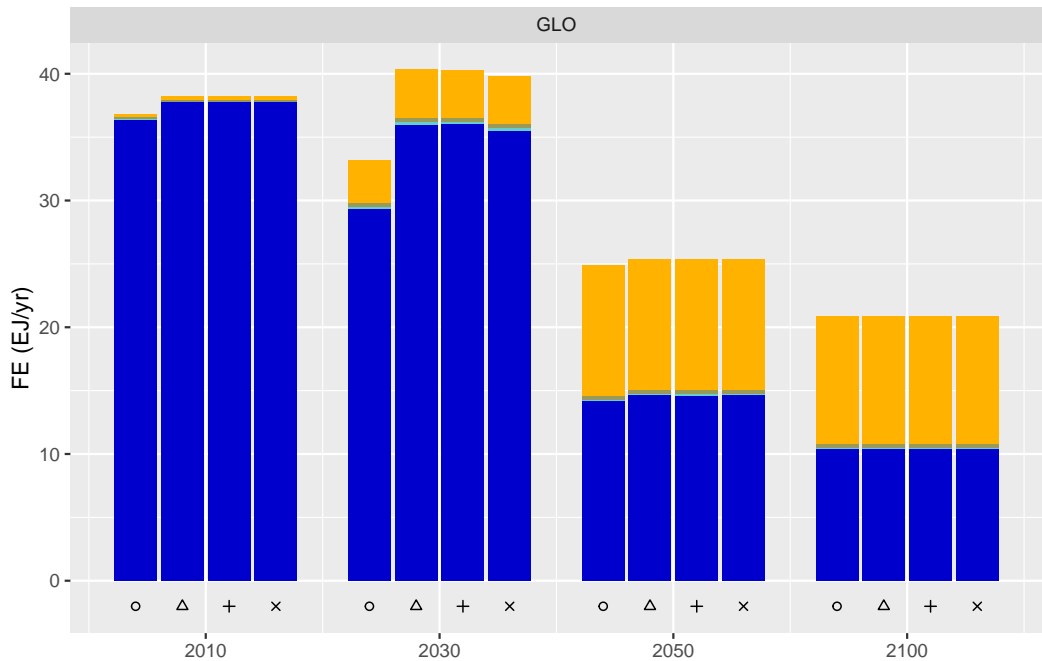
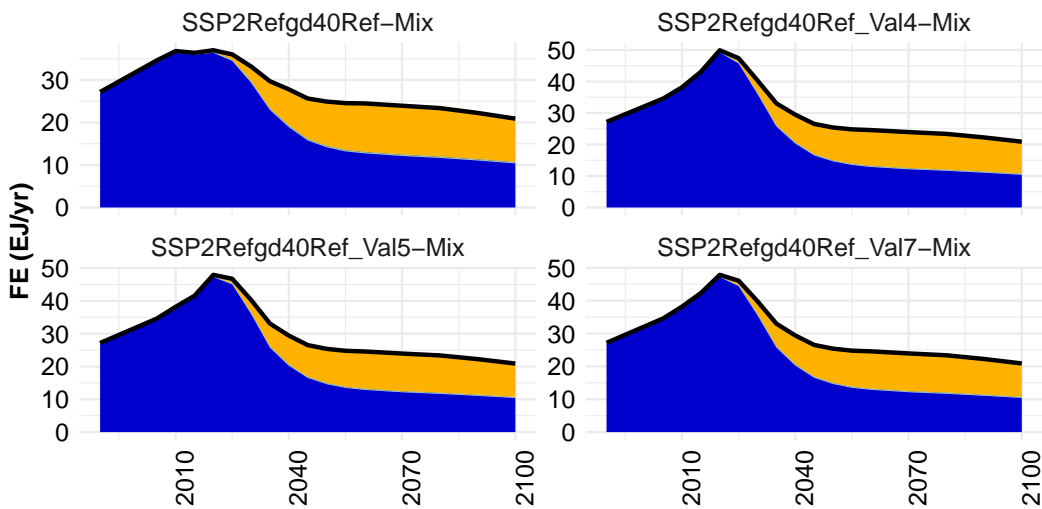


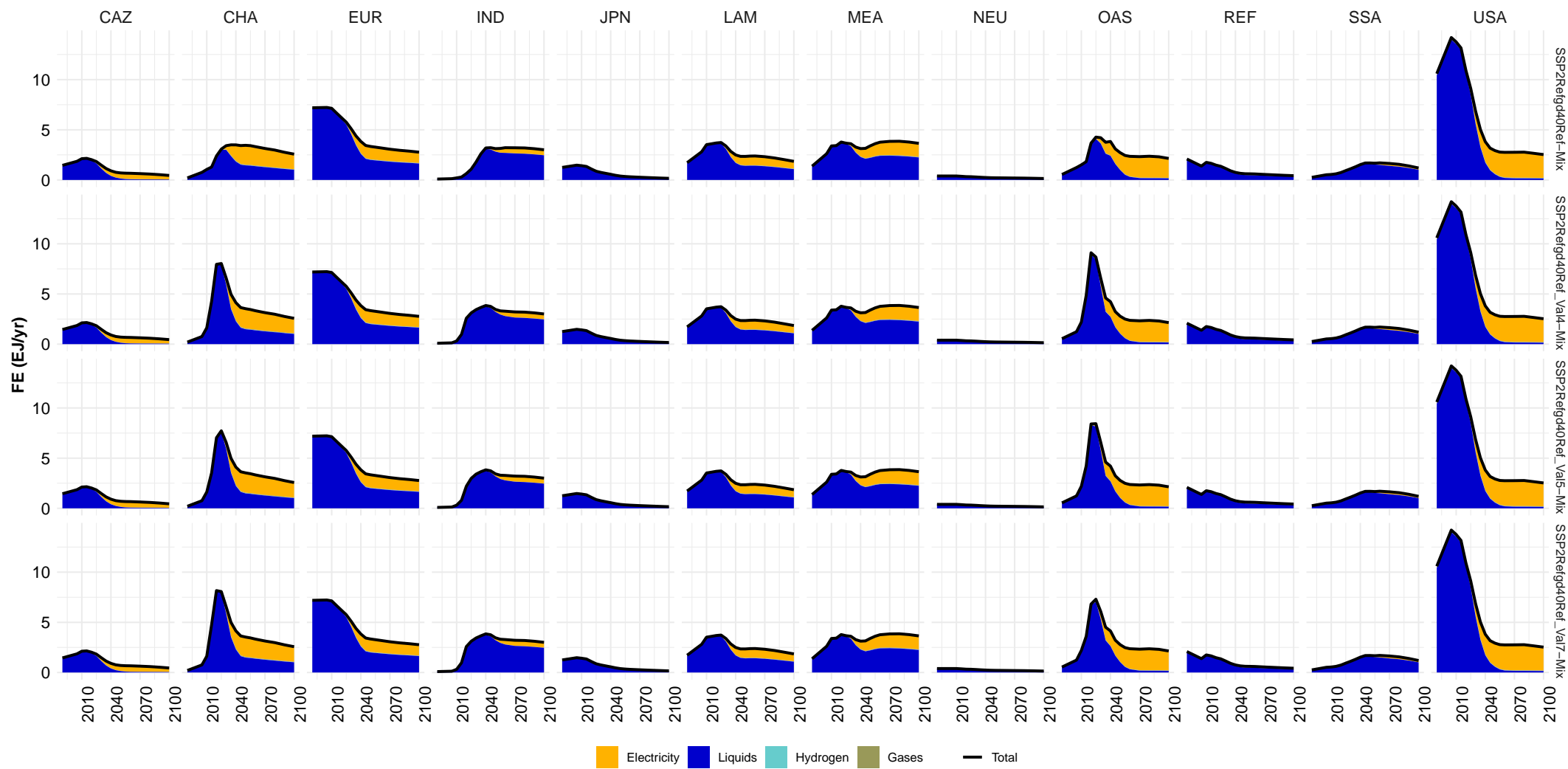
1.1.2 Passenger





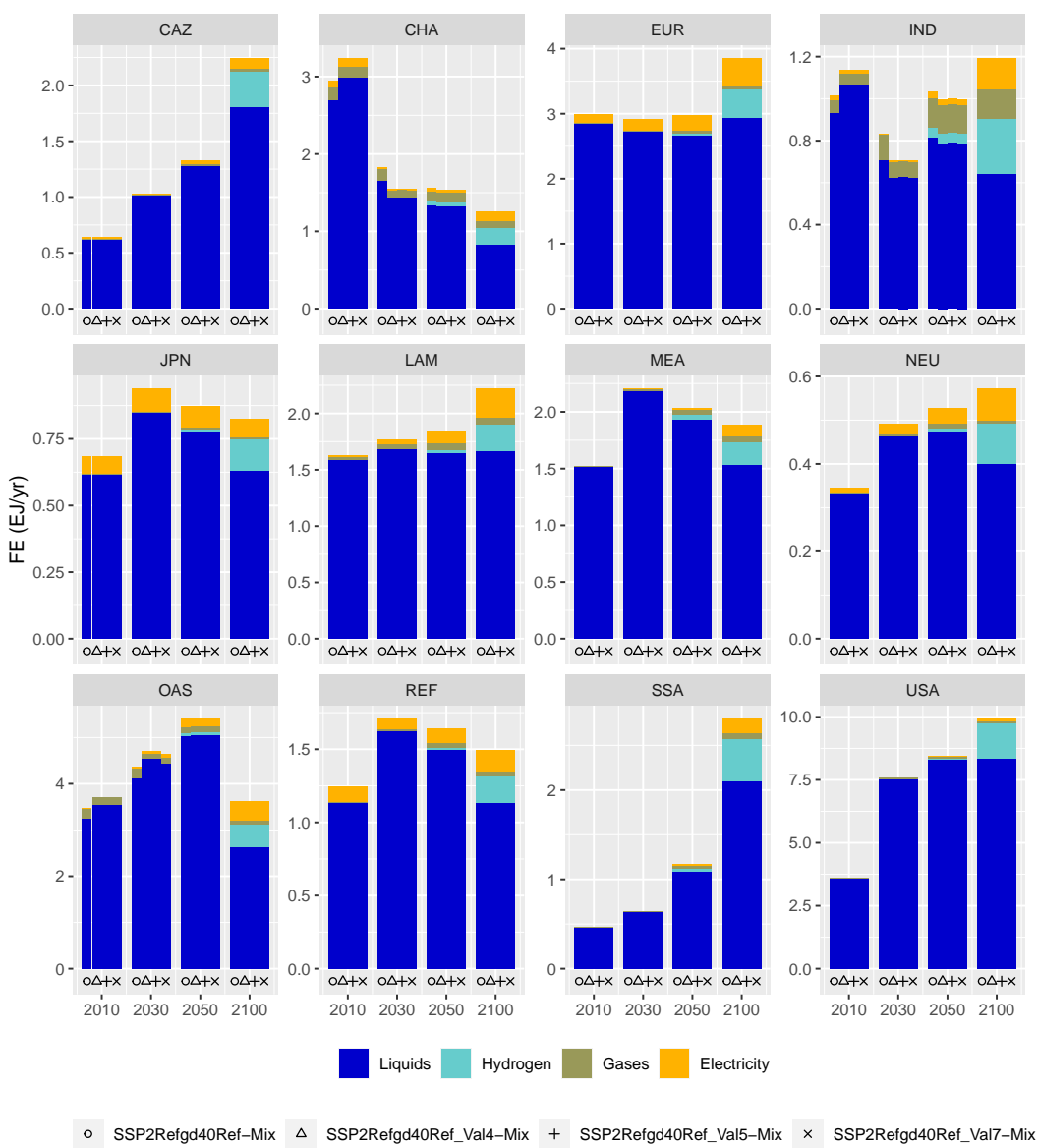
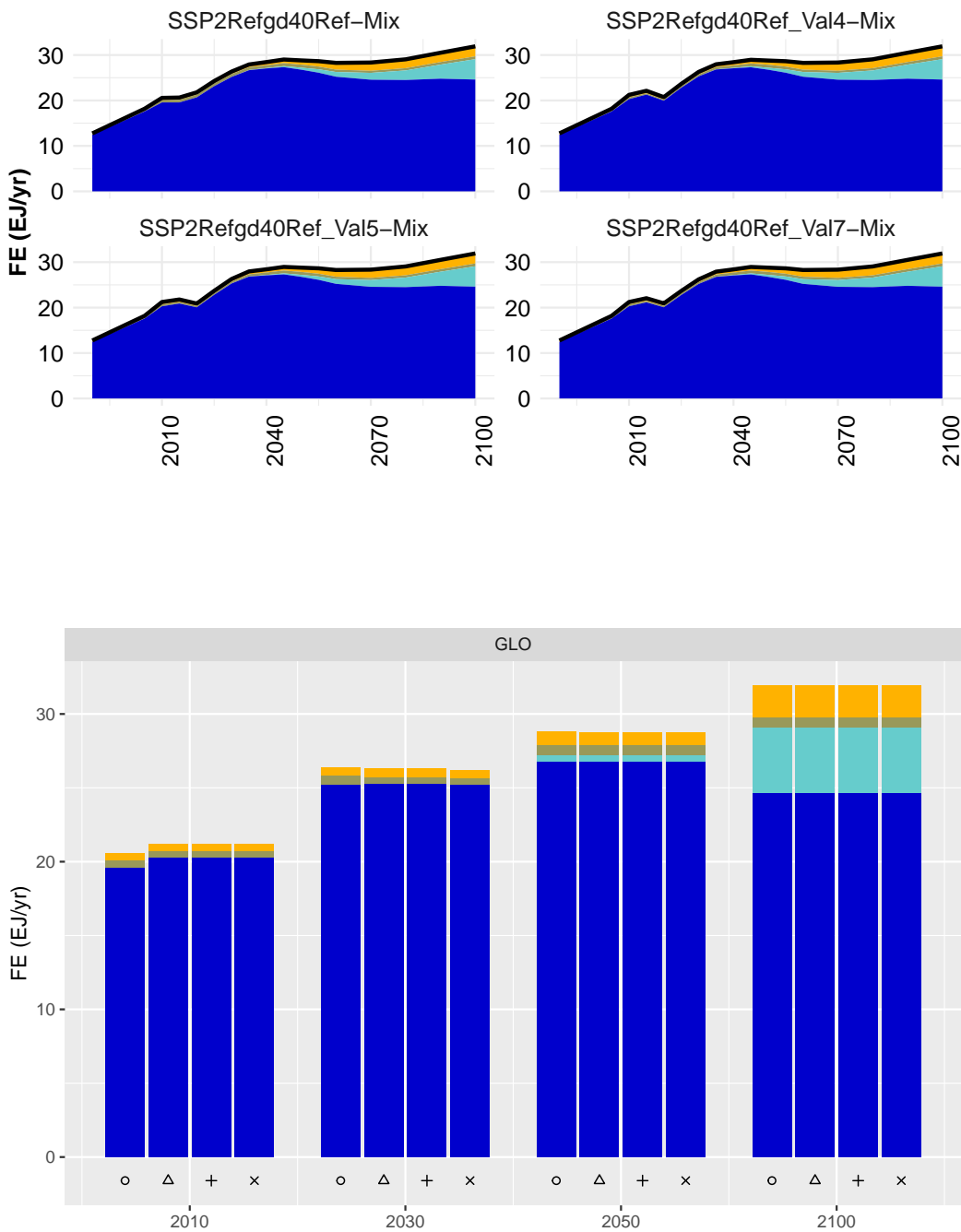
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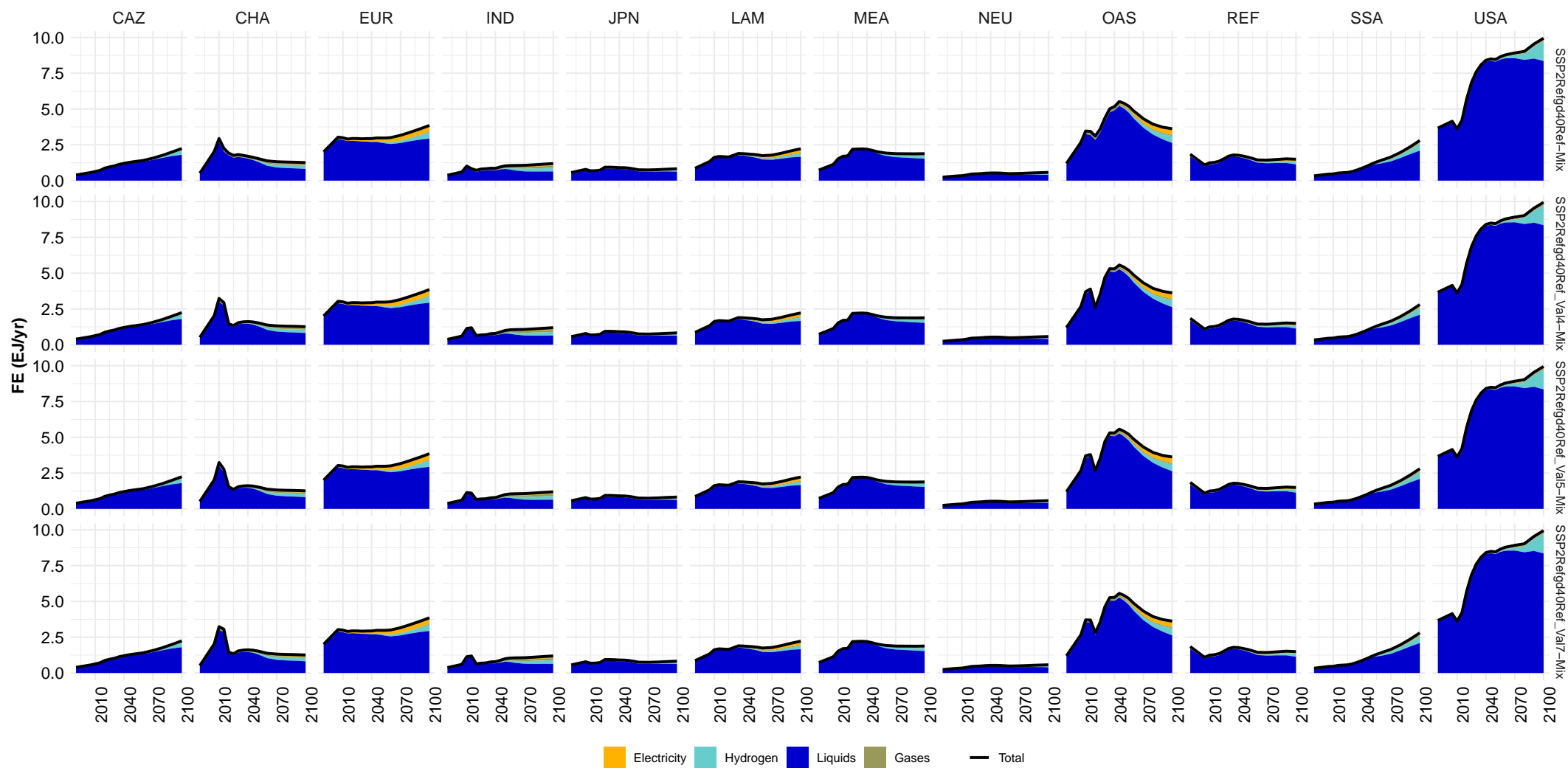




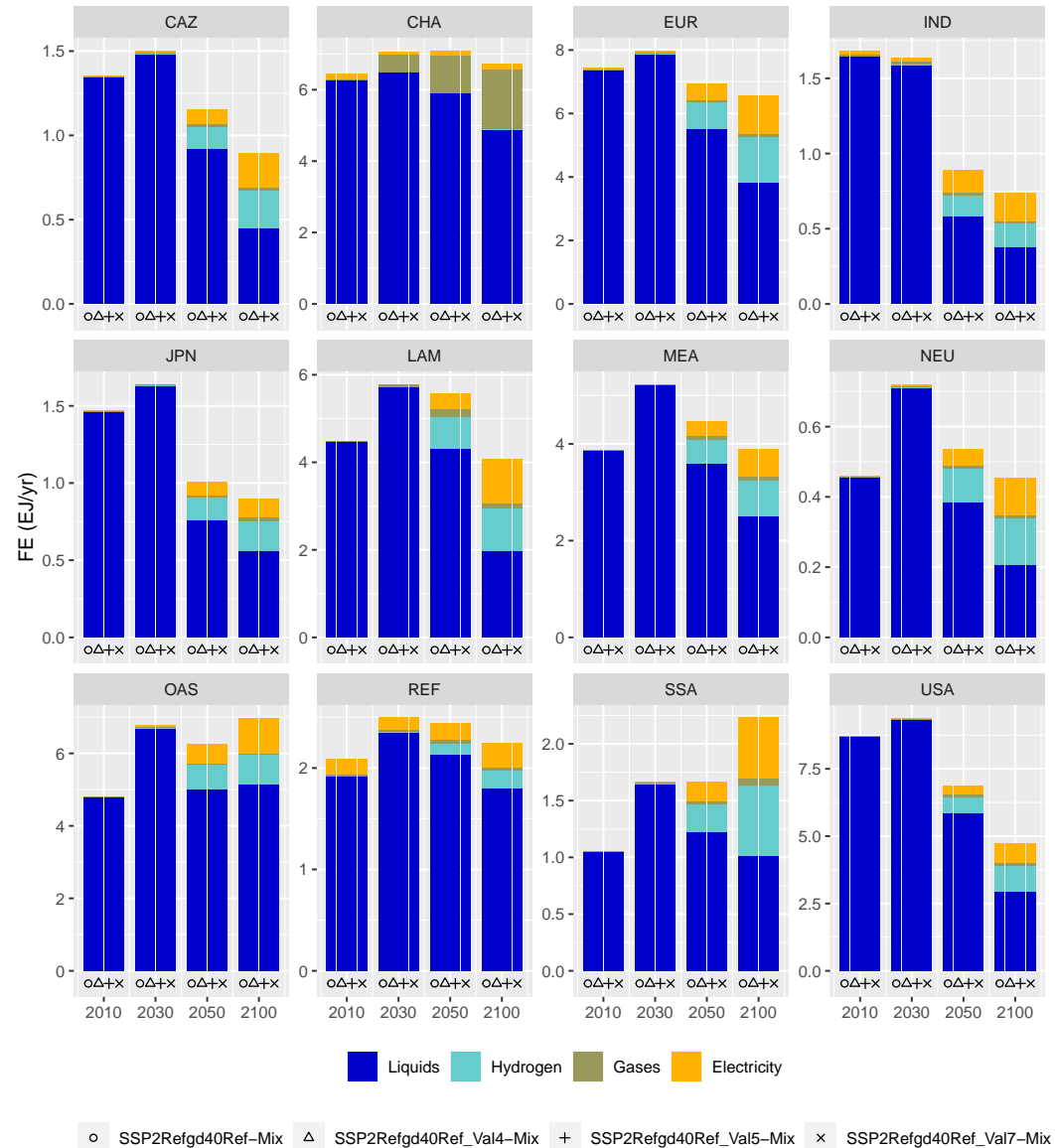
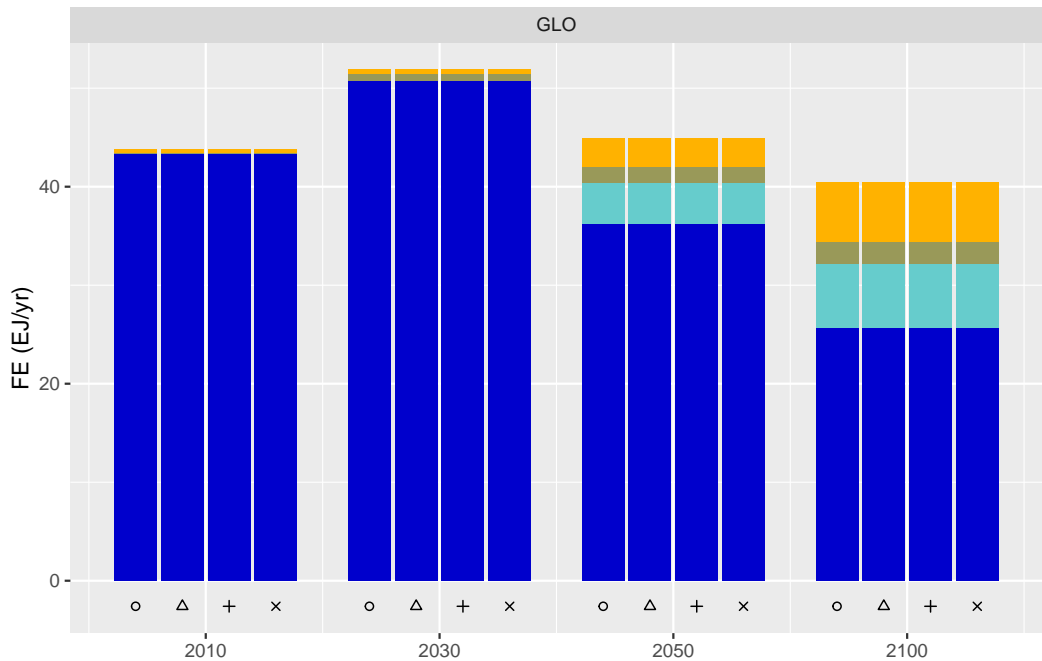
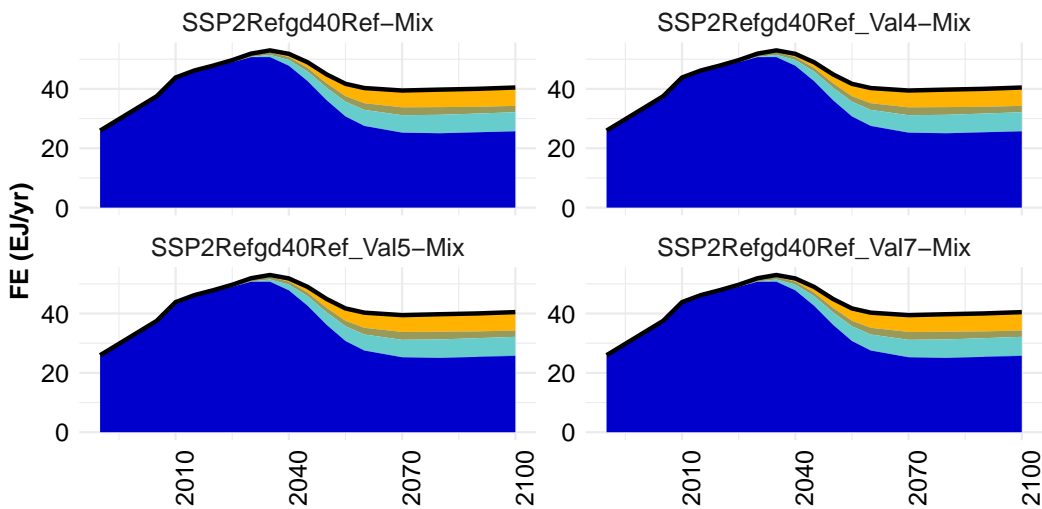


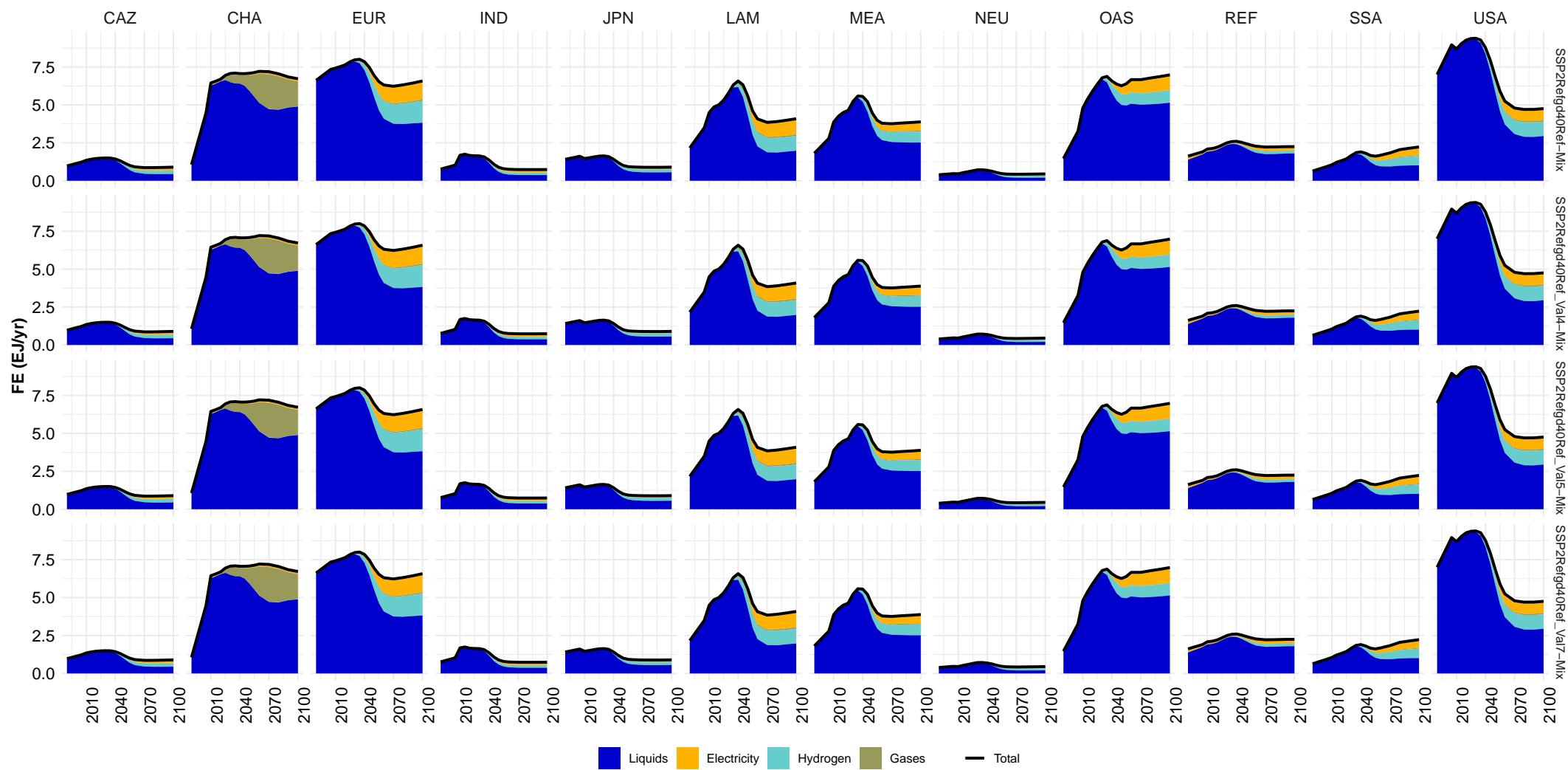
1.1.4 Passenger non-LDV



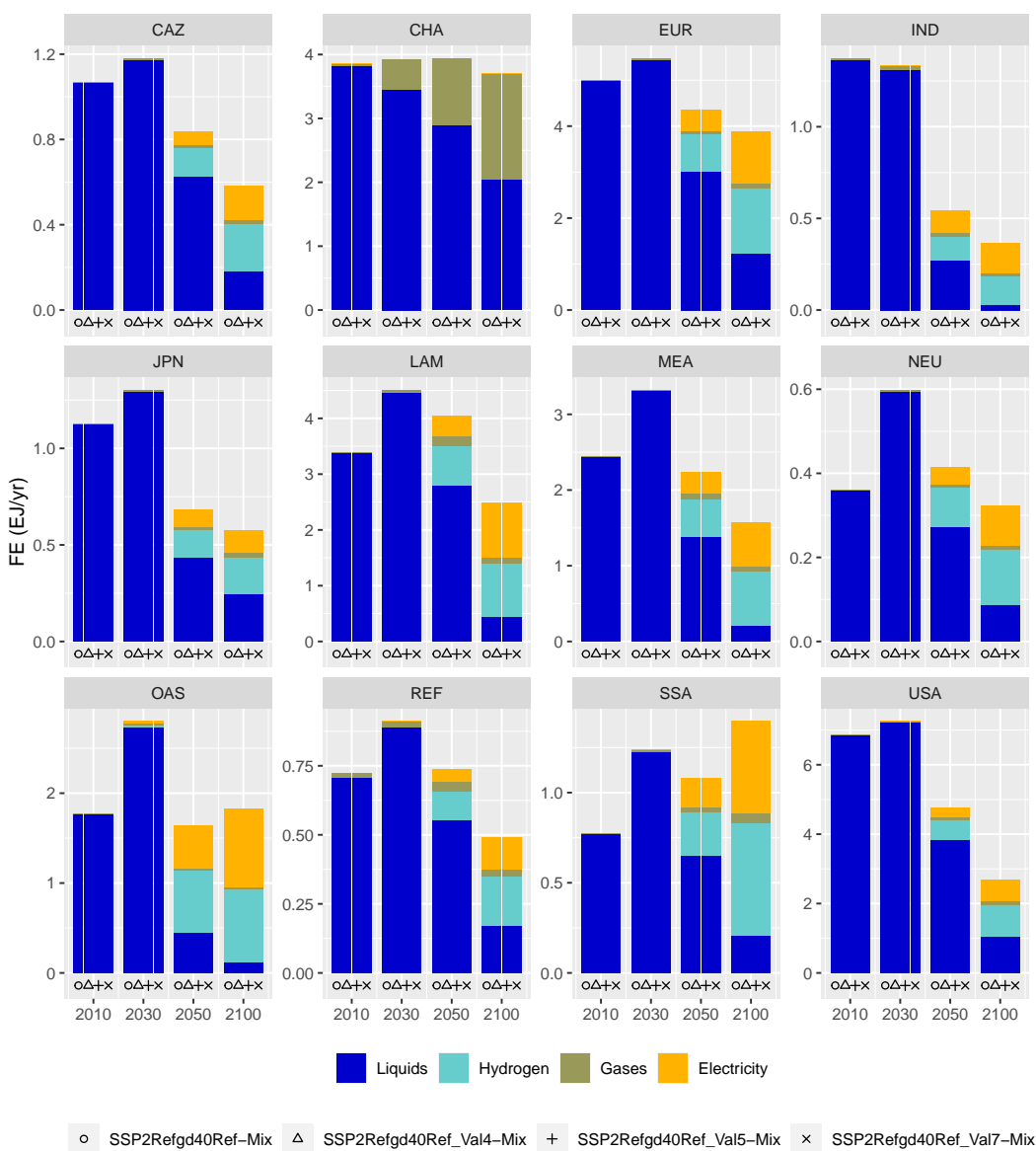
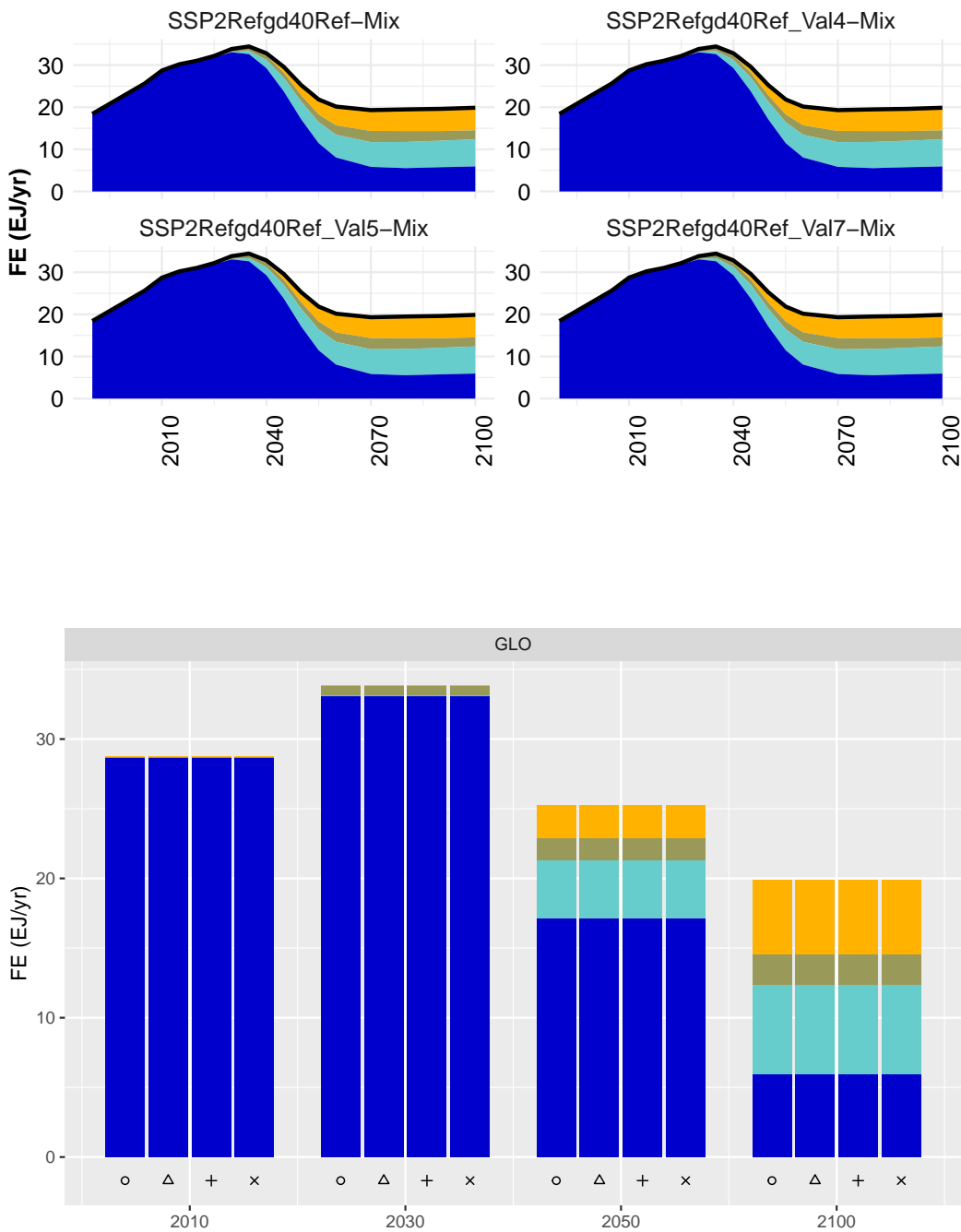


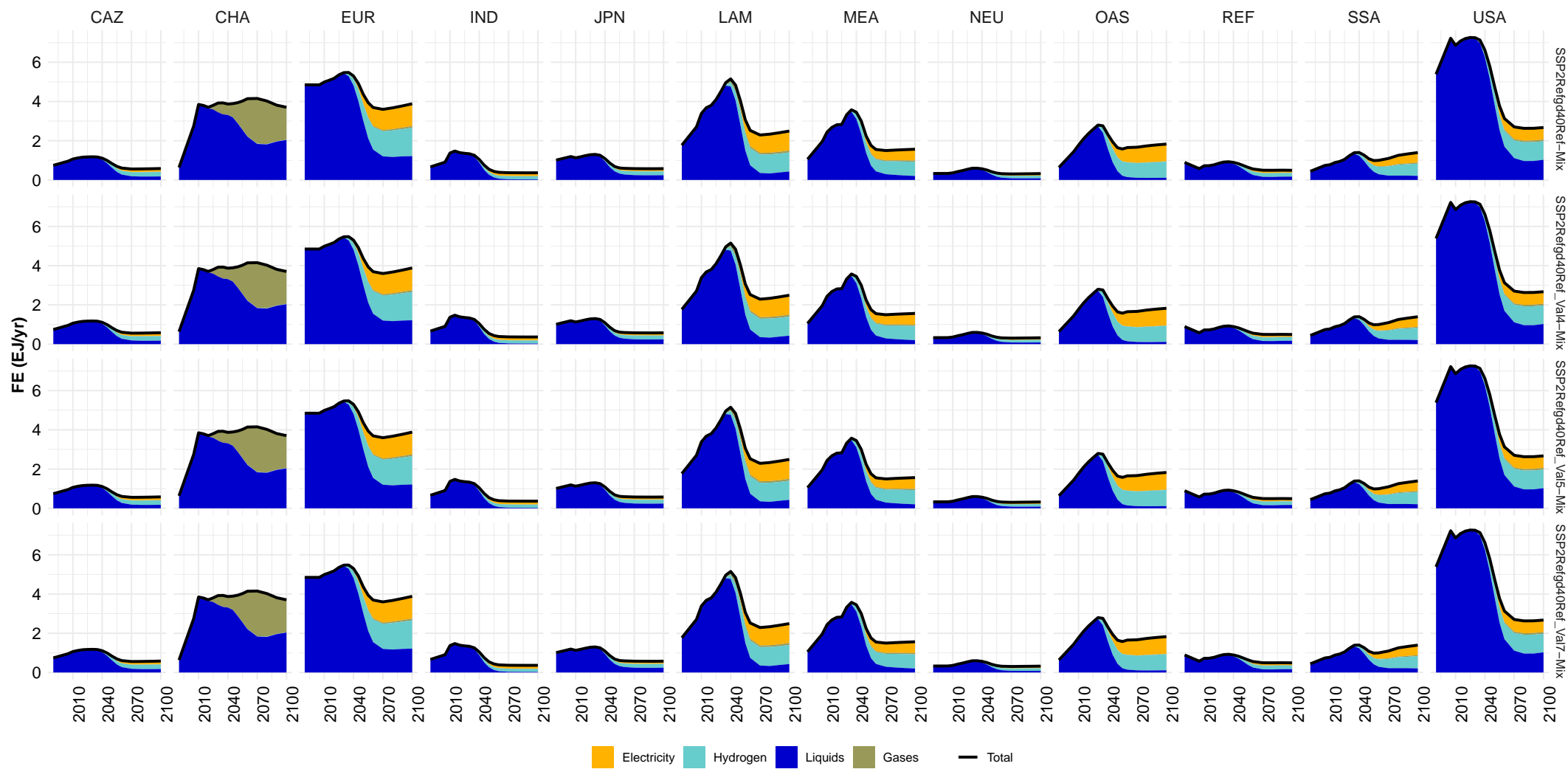
1.1.5 Freight





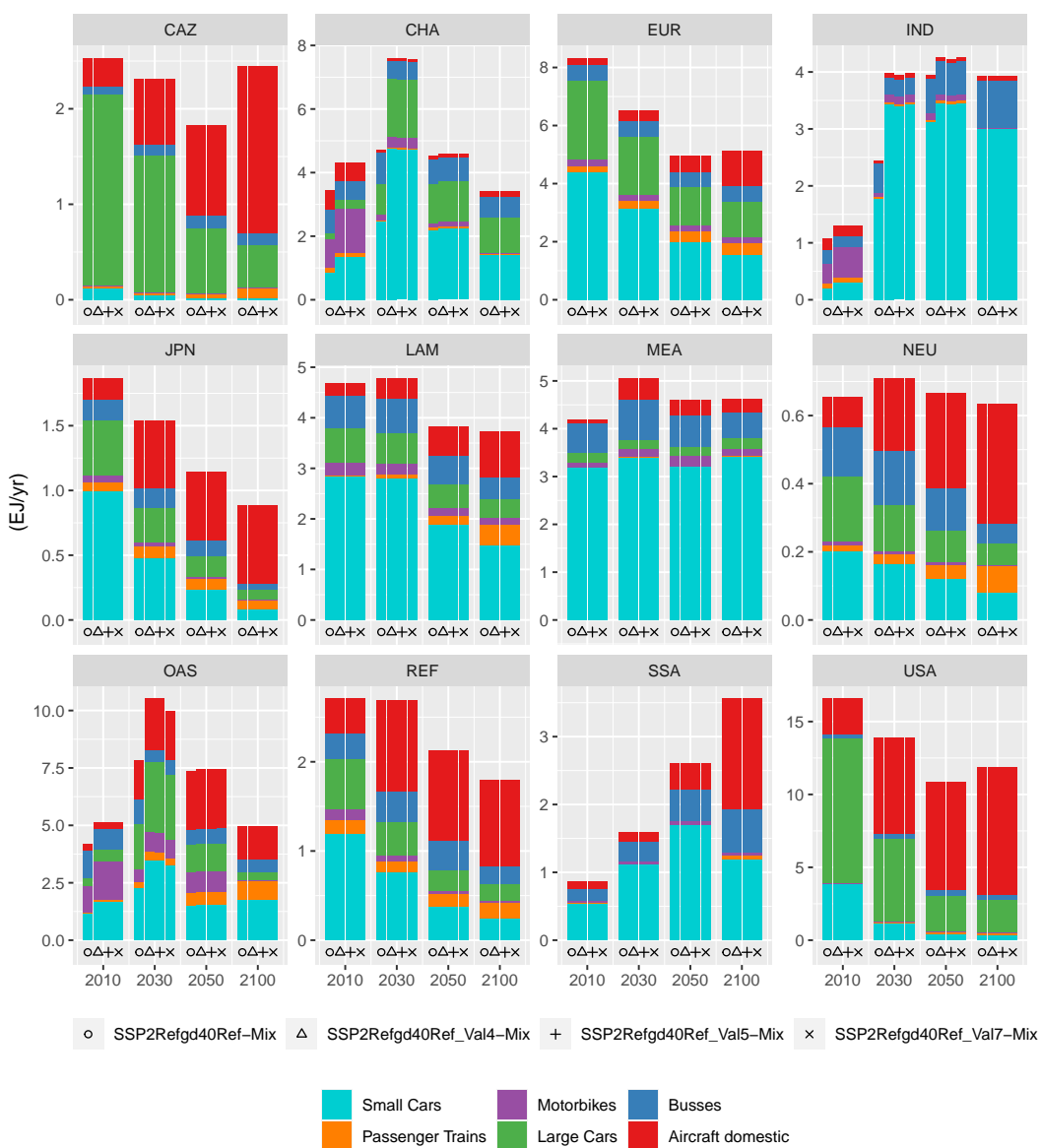
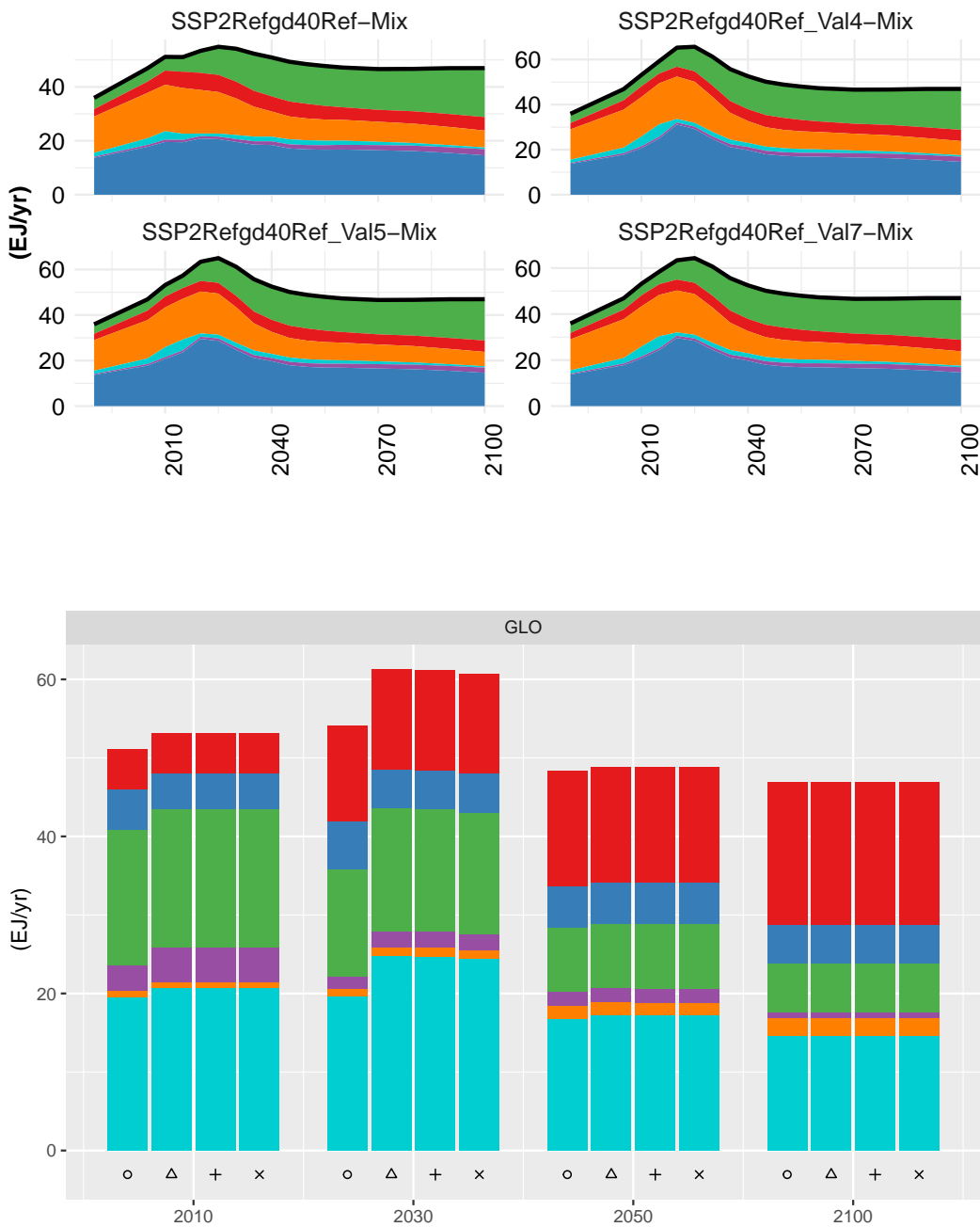
1.1.6 Freight Trucks

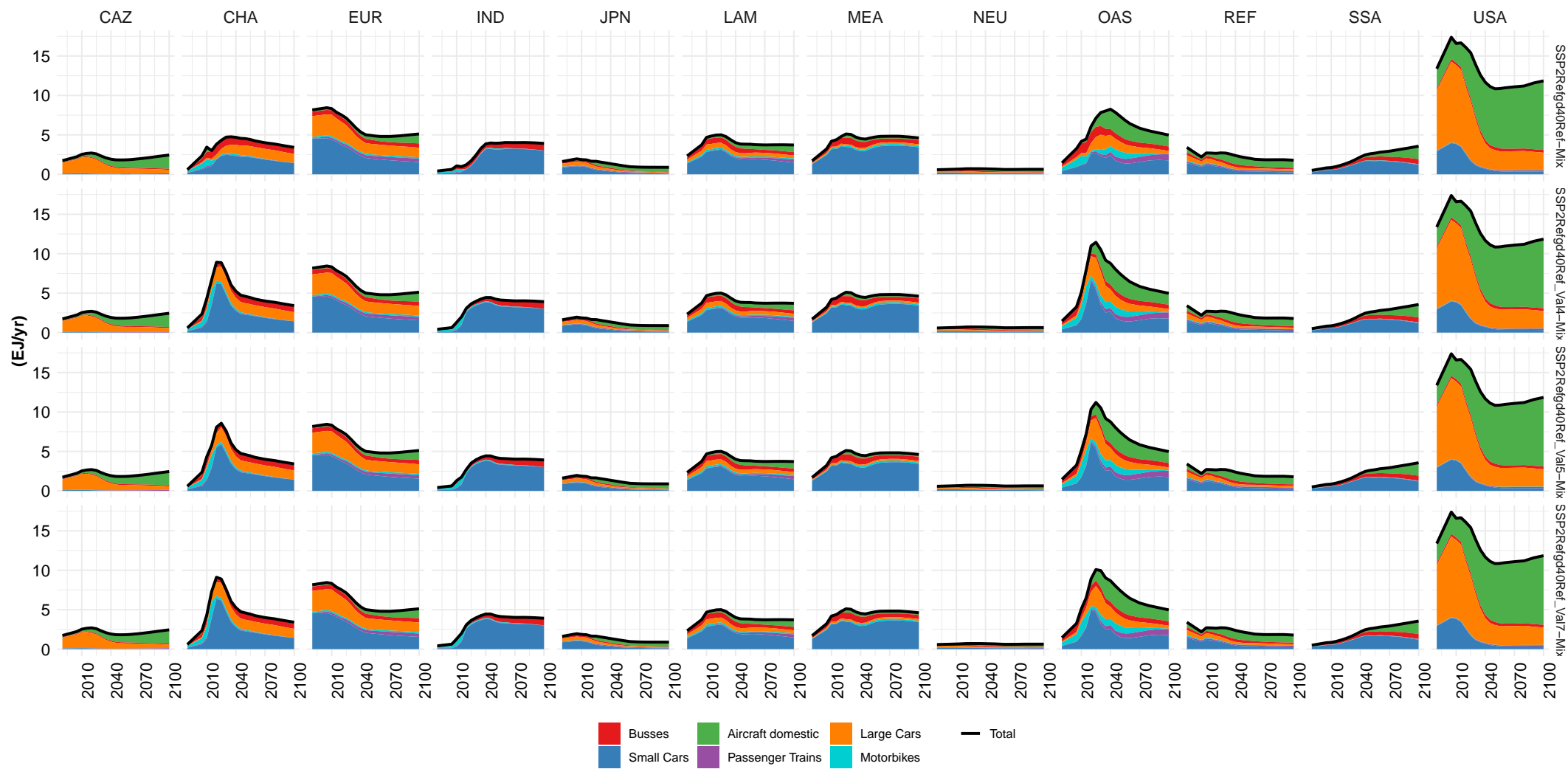




1.2 Final energy by transport modes

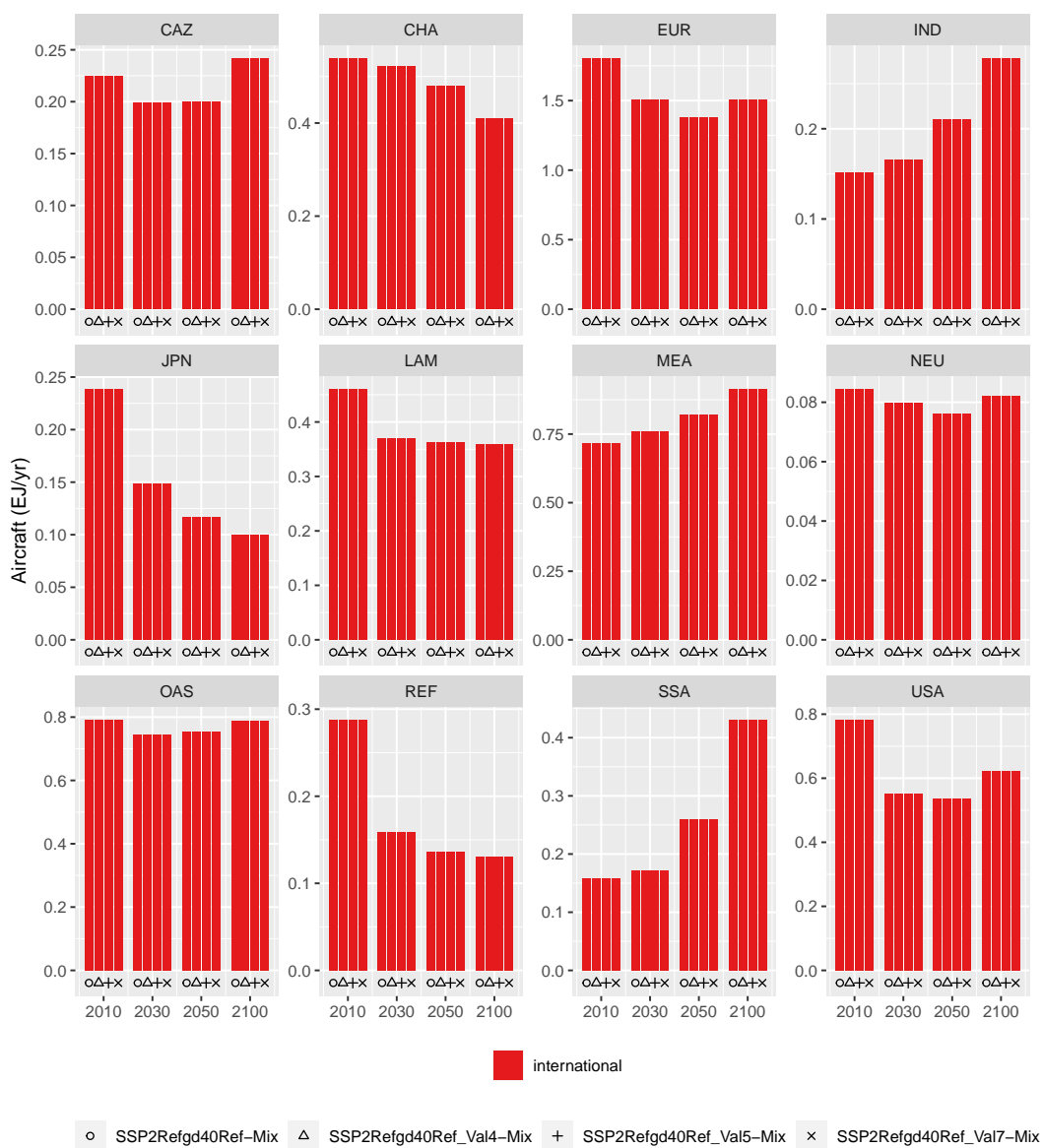
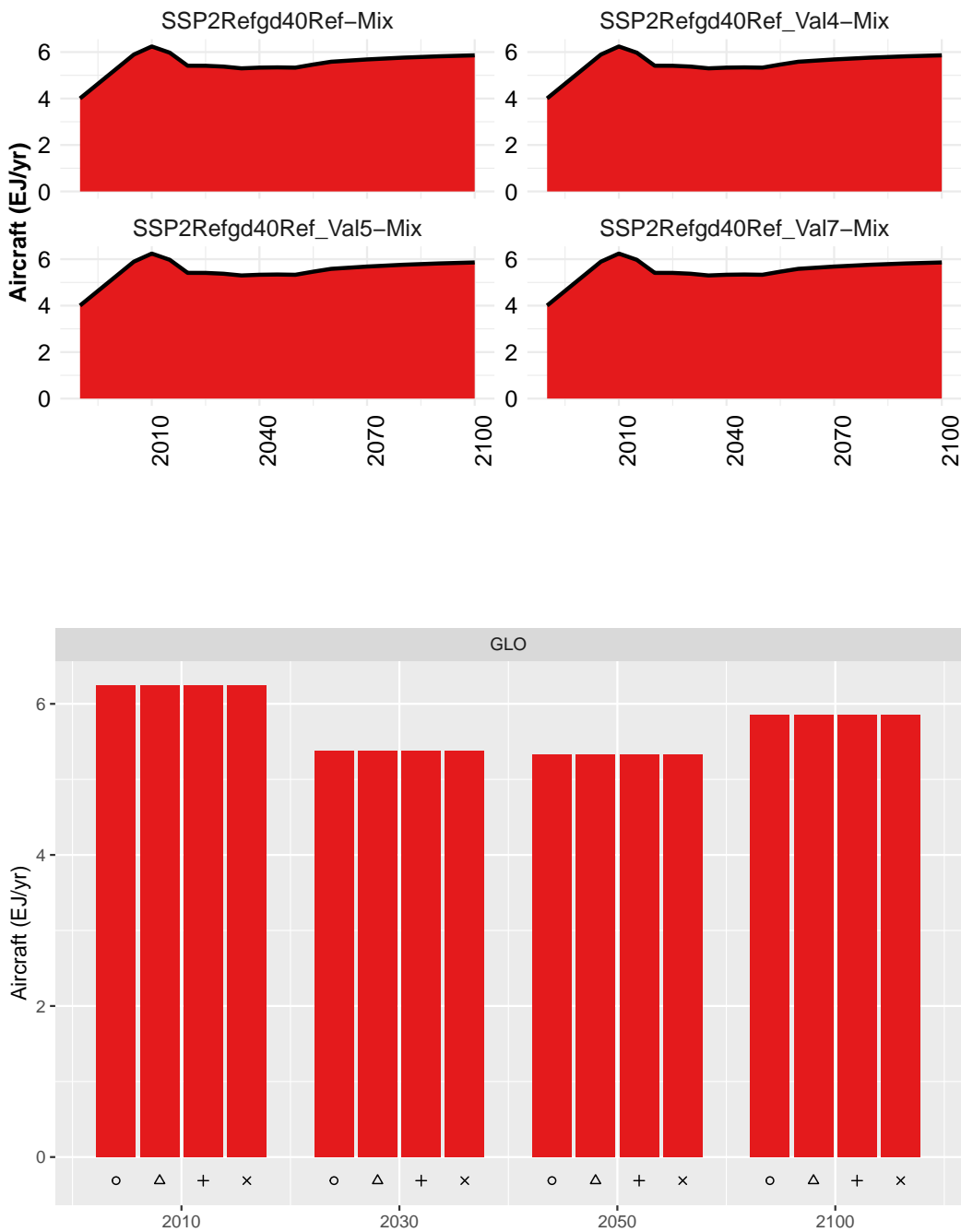
1.2.1 Passenger without bunkers by transport modes





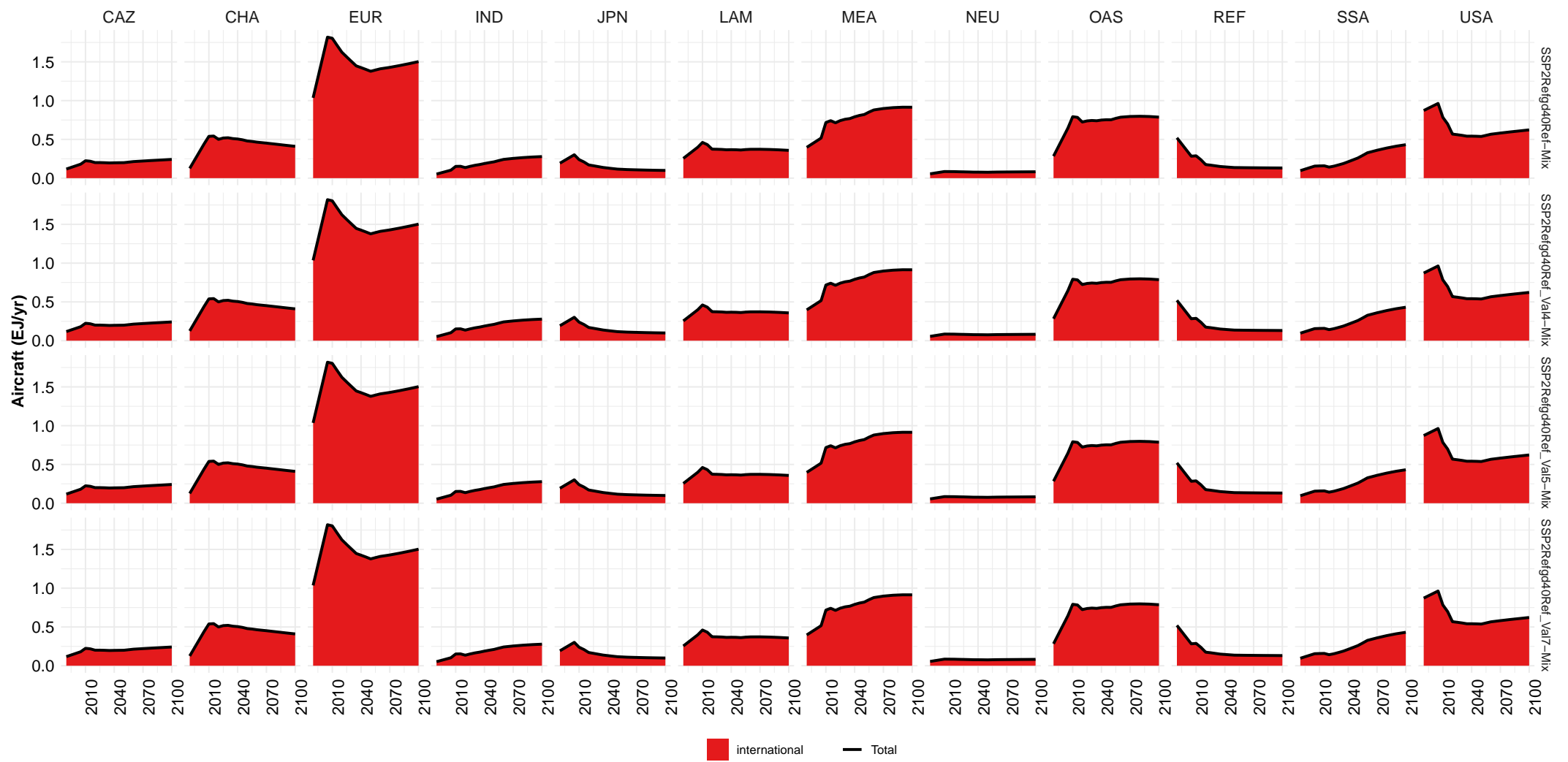


1.2.2 Passenger bunkers by transport modes

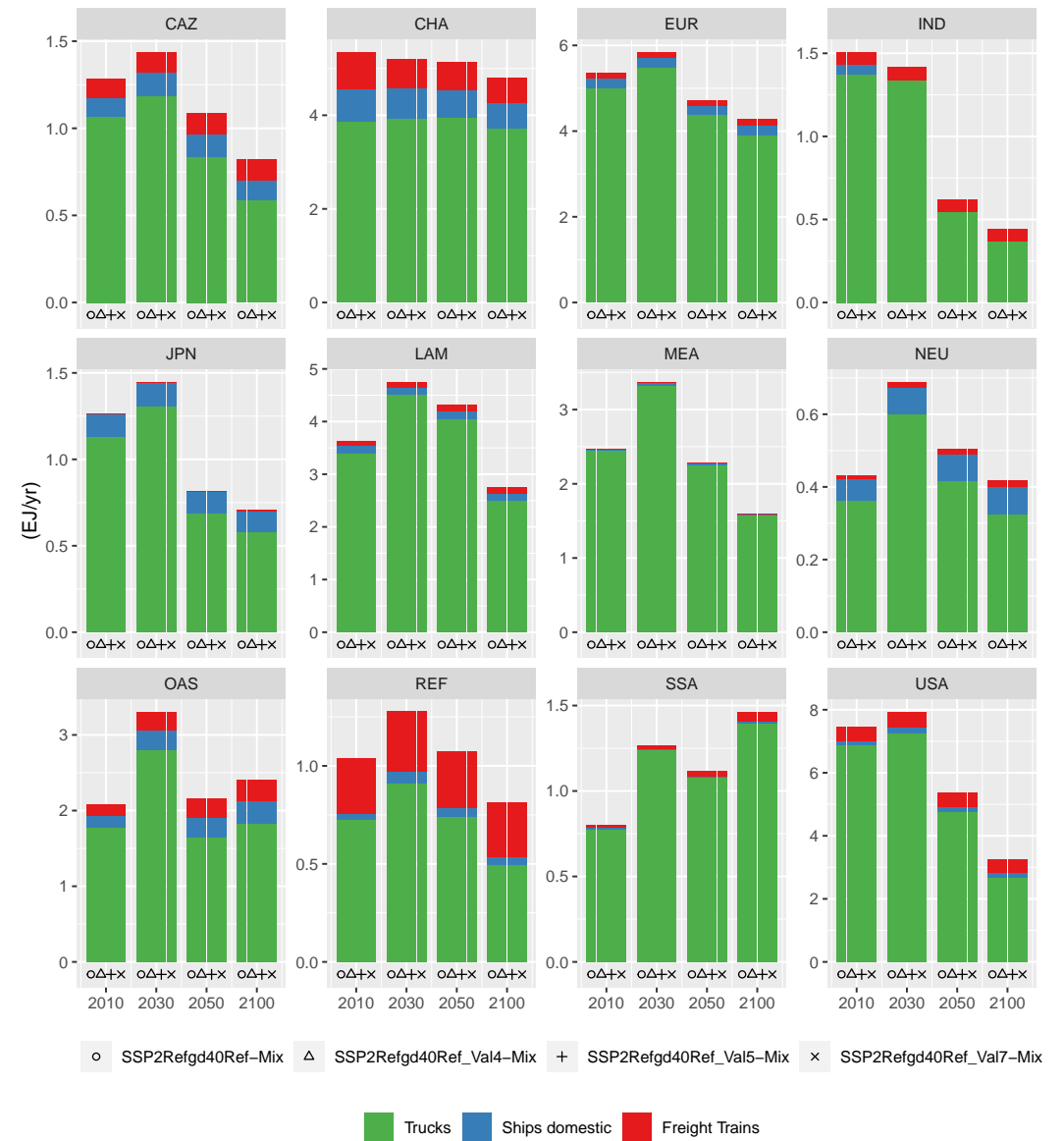
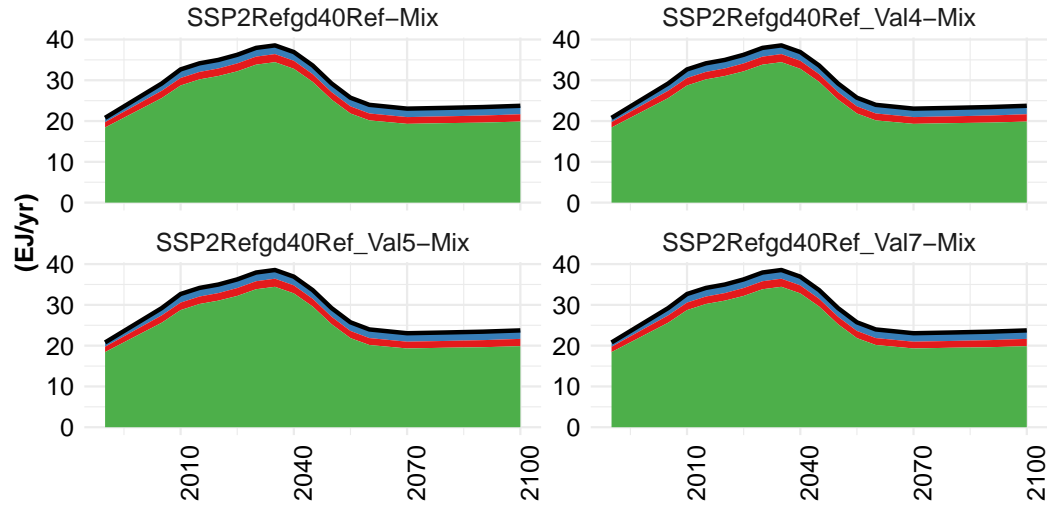


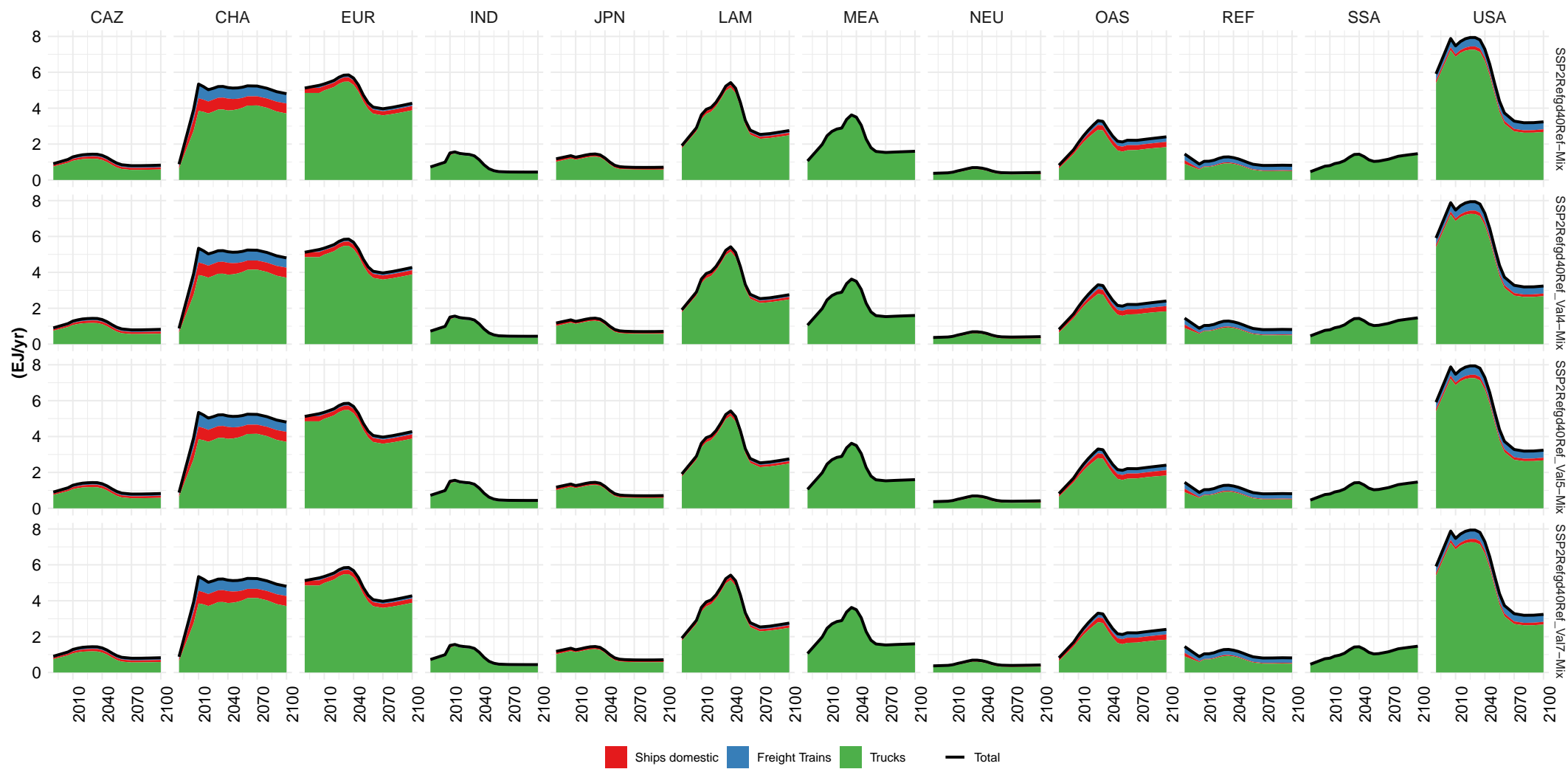
international

○ SSP2Refgd40Ref-Mix    △ SSP2Refgd40Ref\_Val4-Mix    + SSP2Refgd40Ref\_Val5-Mix    × SSP2Refgd40Ref\_Val7-Mix

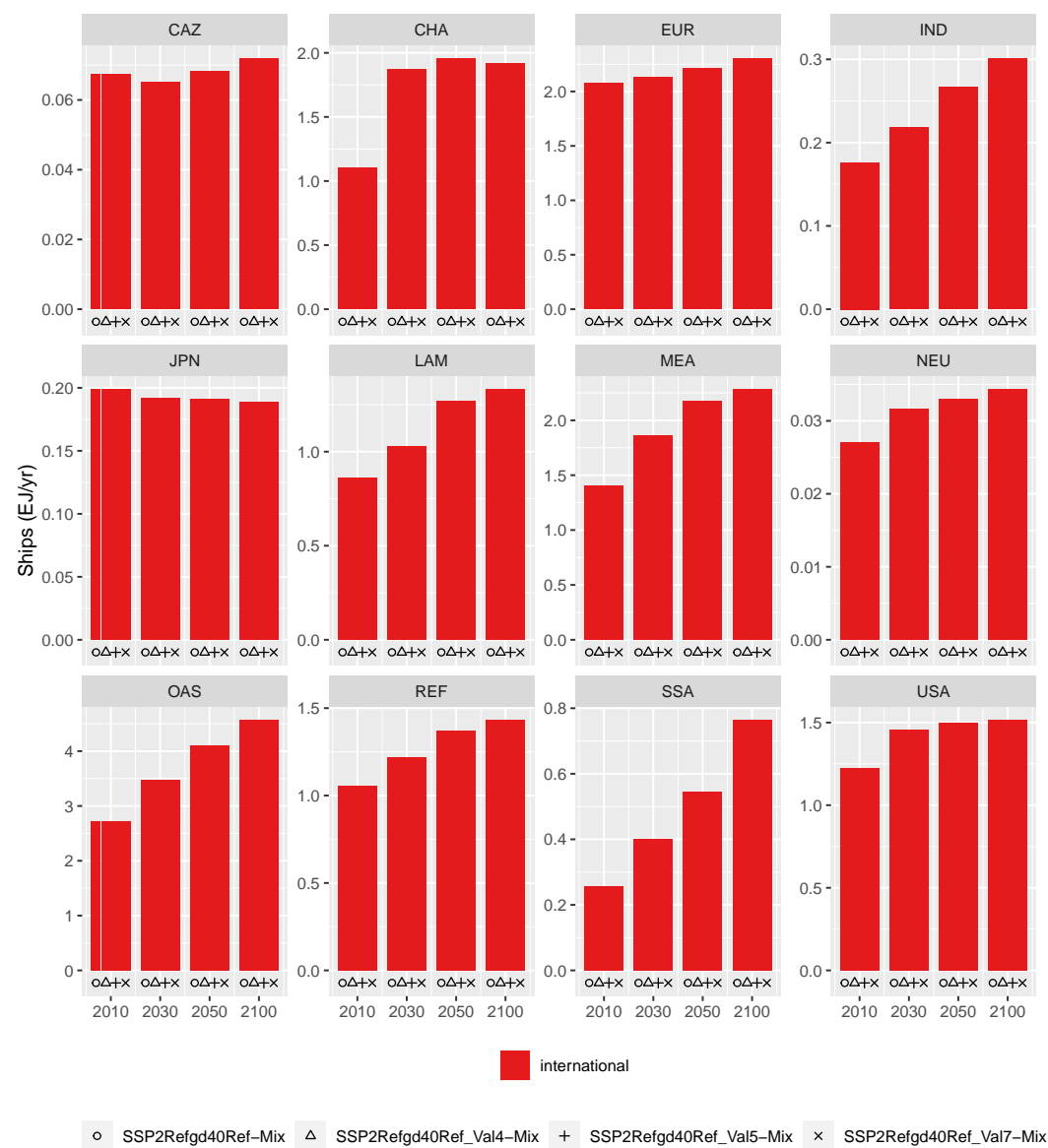
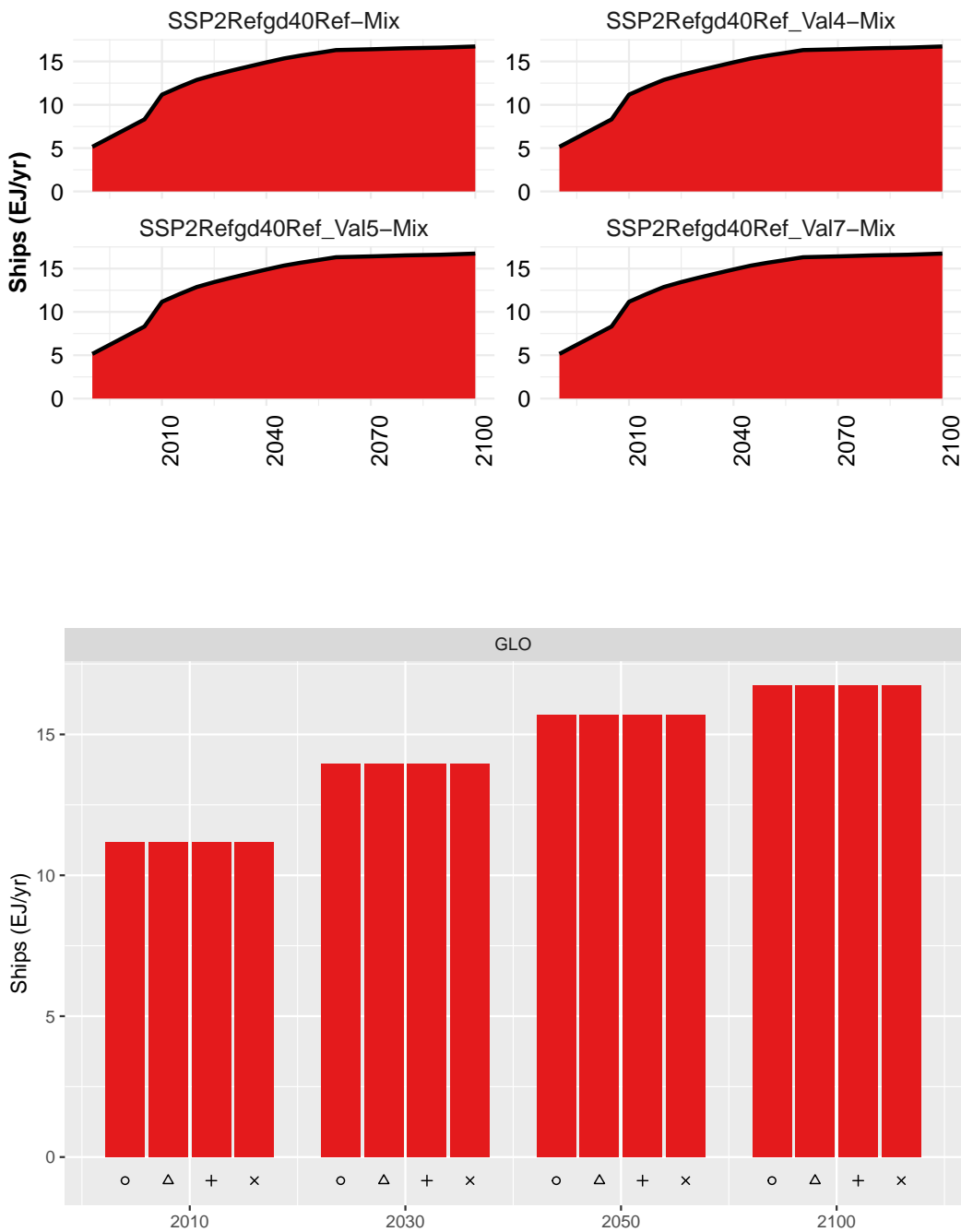


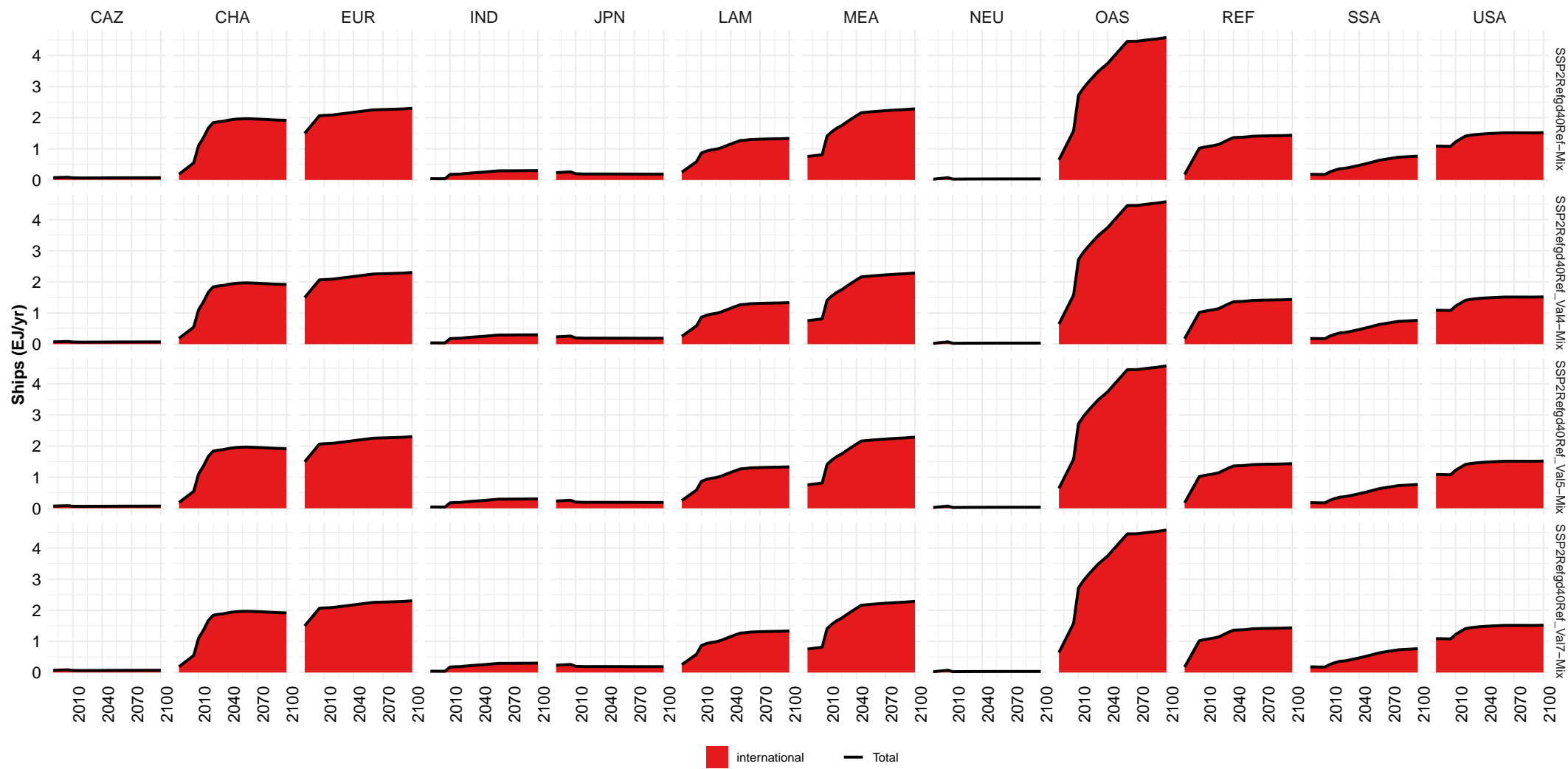
### 1.2.3 Freight without bunkers by transport modes



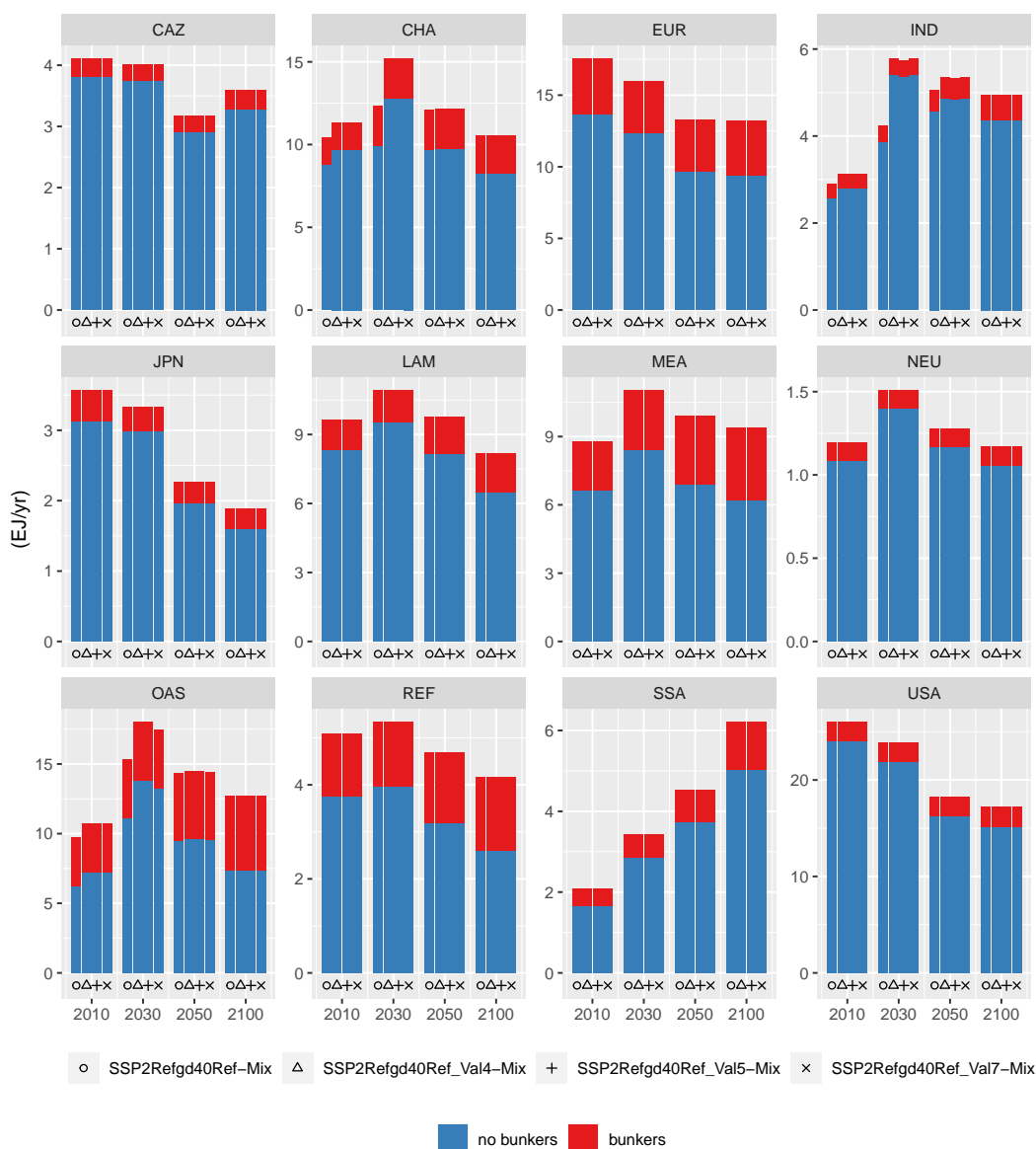
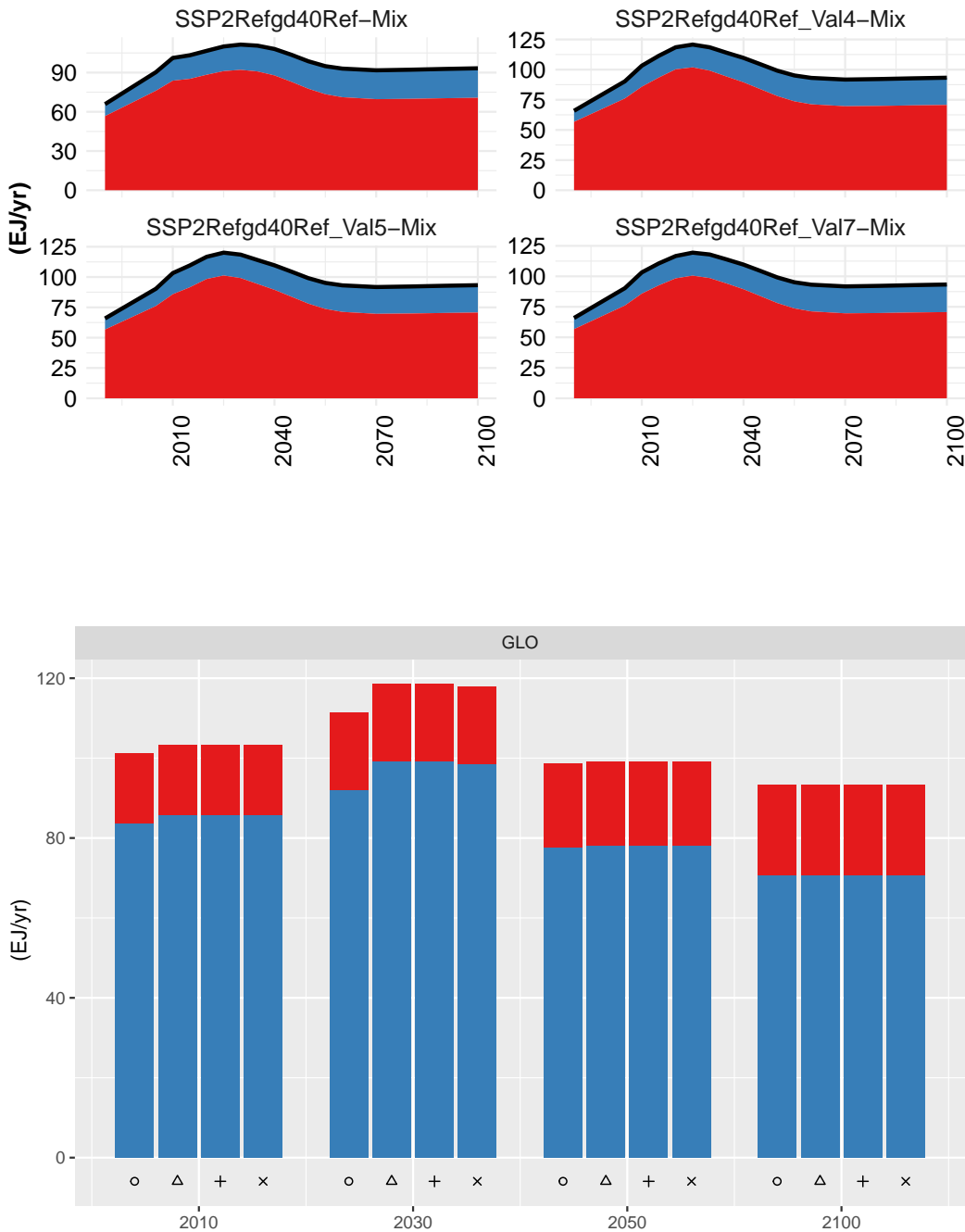


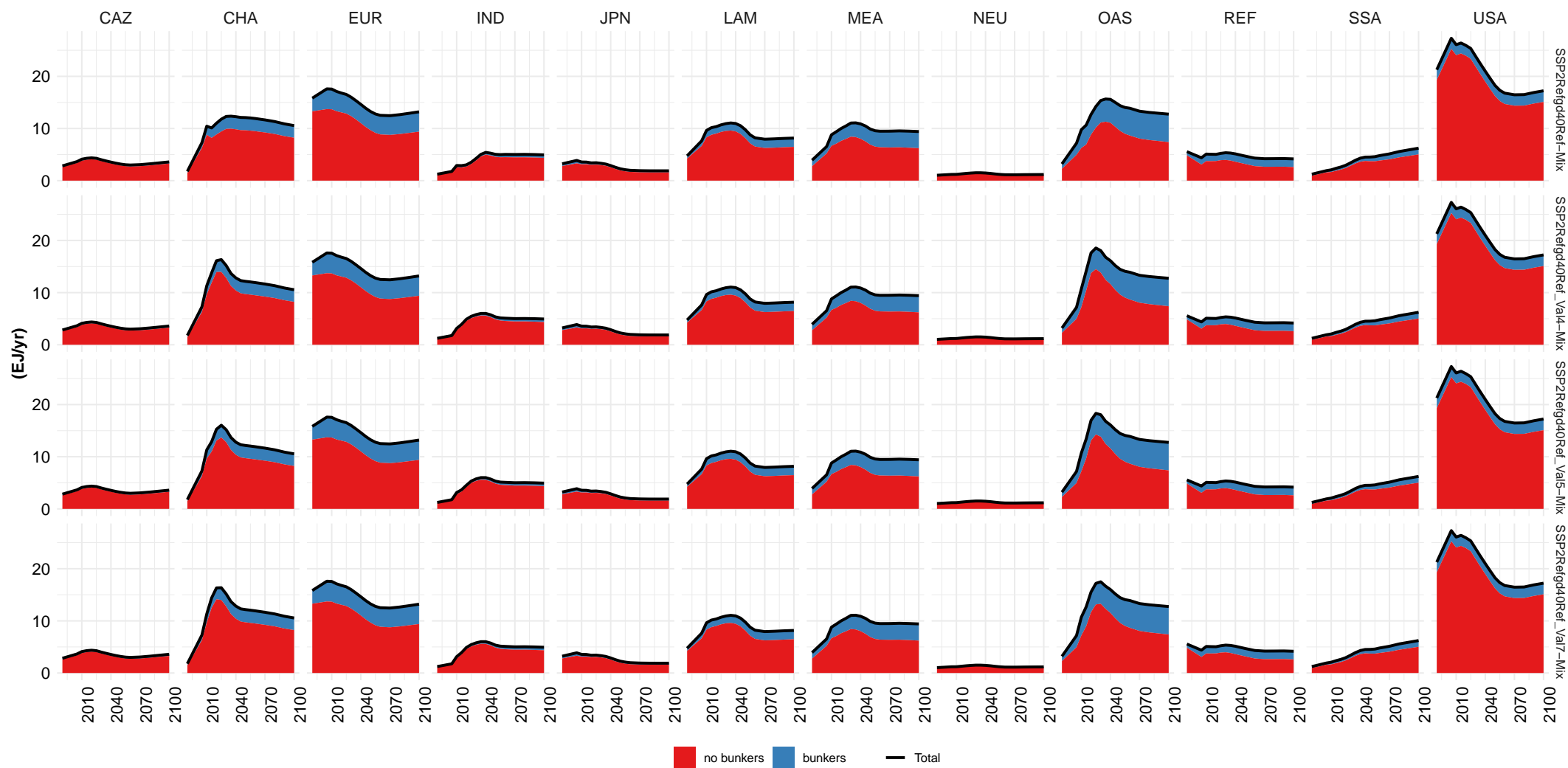
1.2.4 Freight bunkers by transport modes





1.3 Final energy bunkers vs. no bunkers

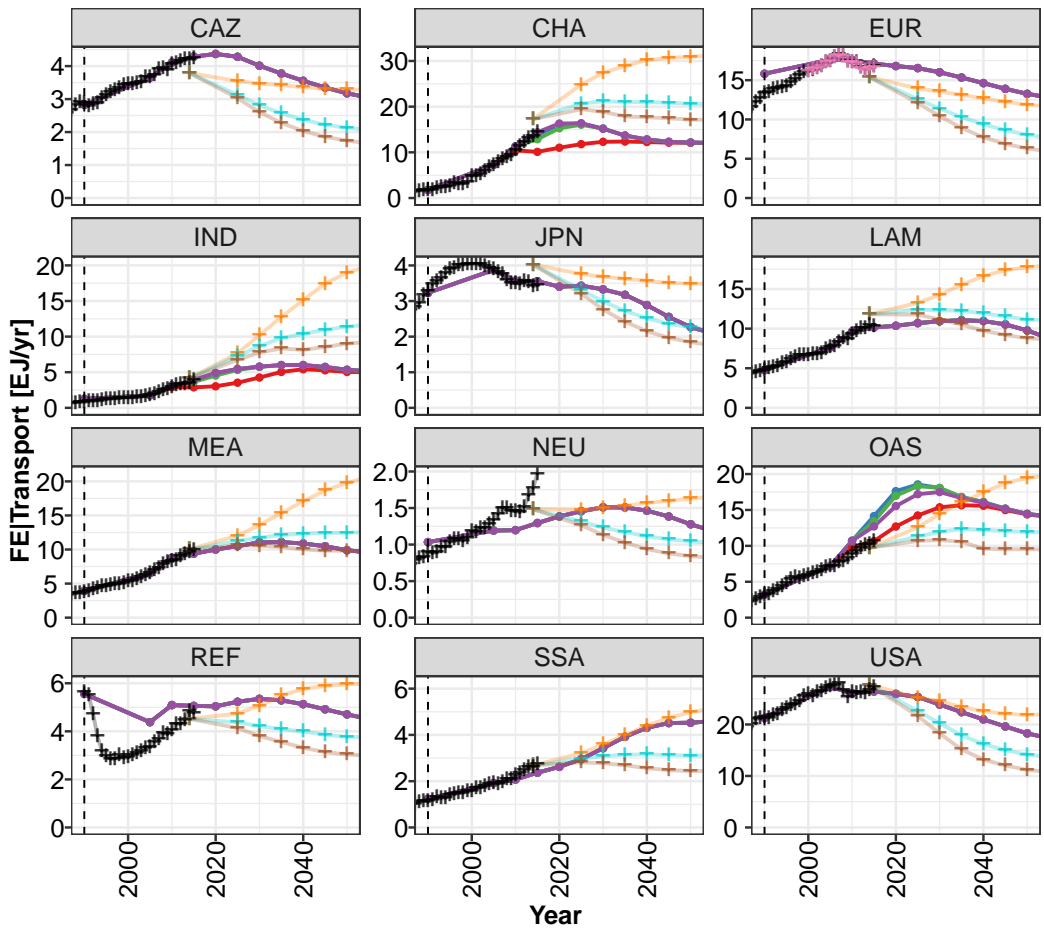
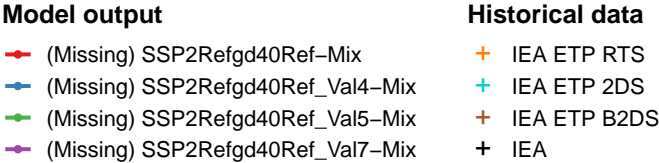
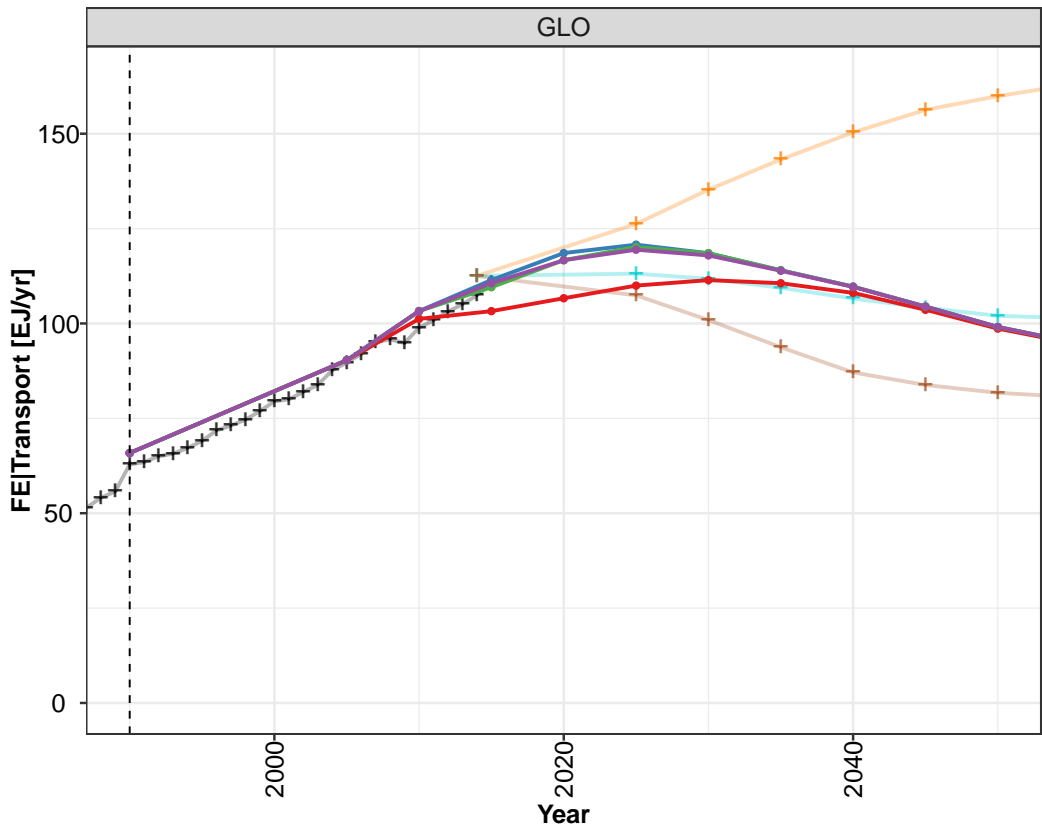




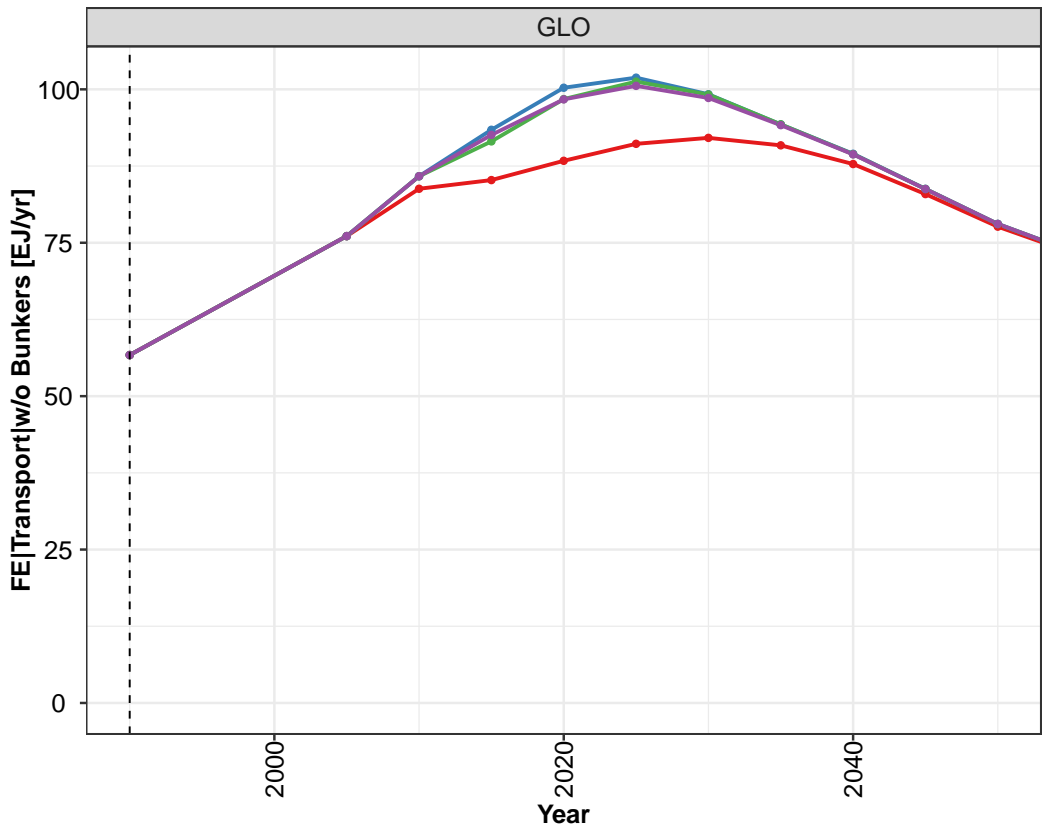


1.4 Final Energy line plots

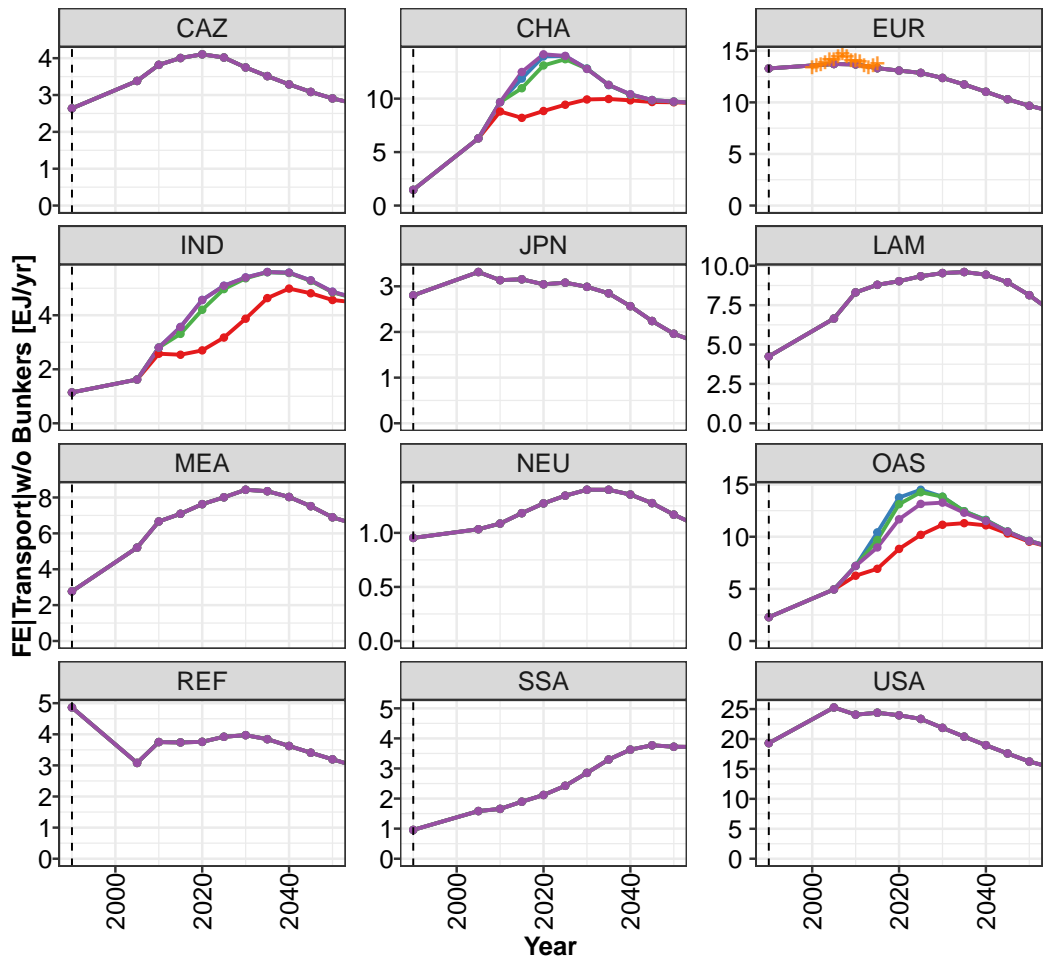
1.4.1 FE—Transport [EJ/yr]



1.4.2 FE—Transport—w/o Bunkers [EJ/yr]



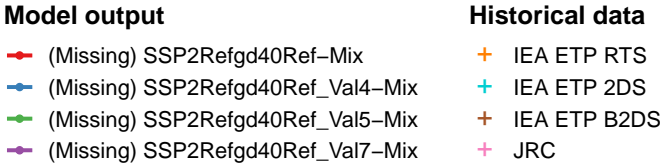
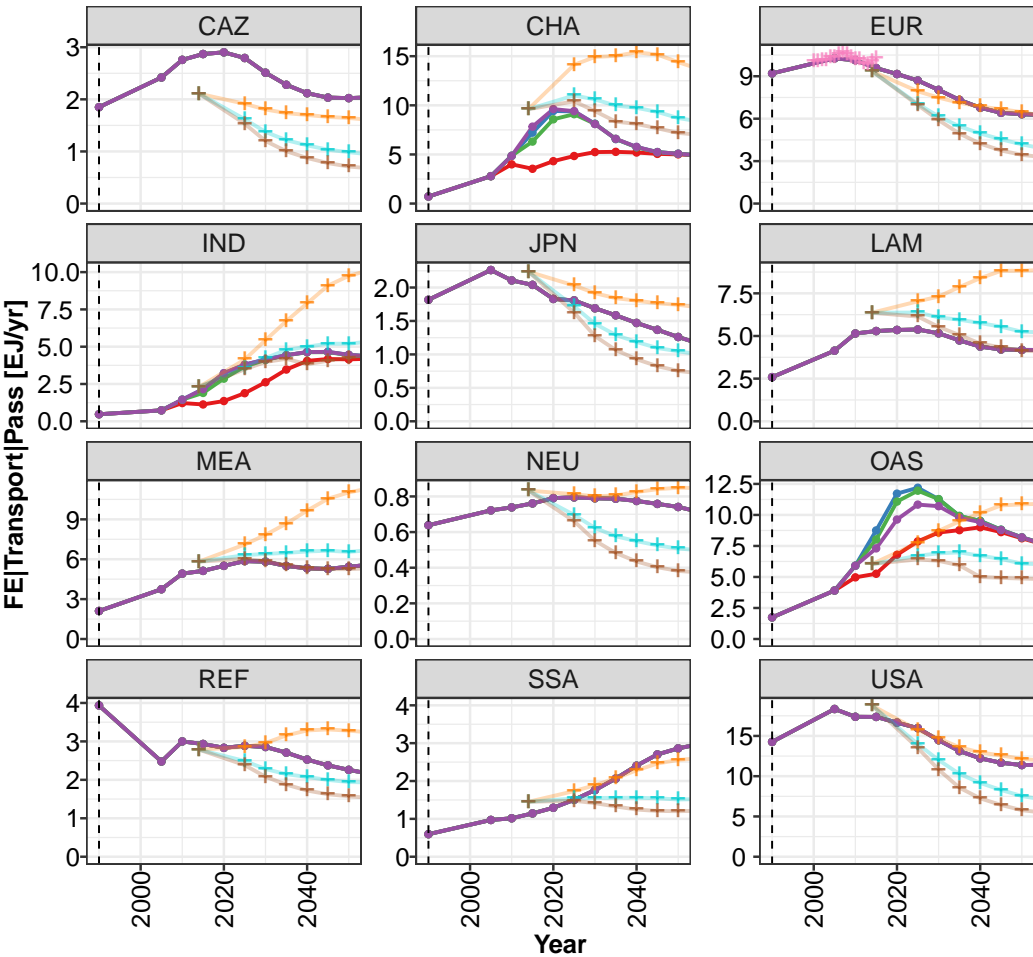
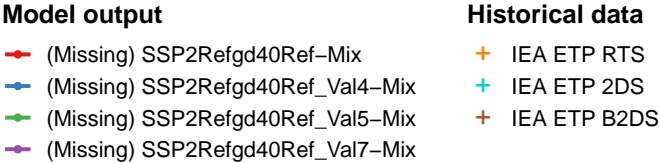
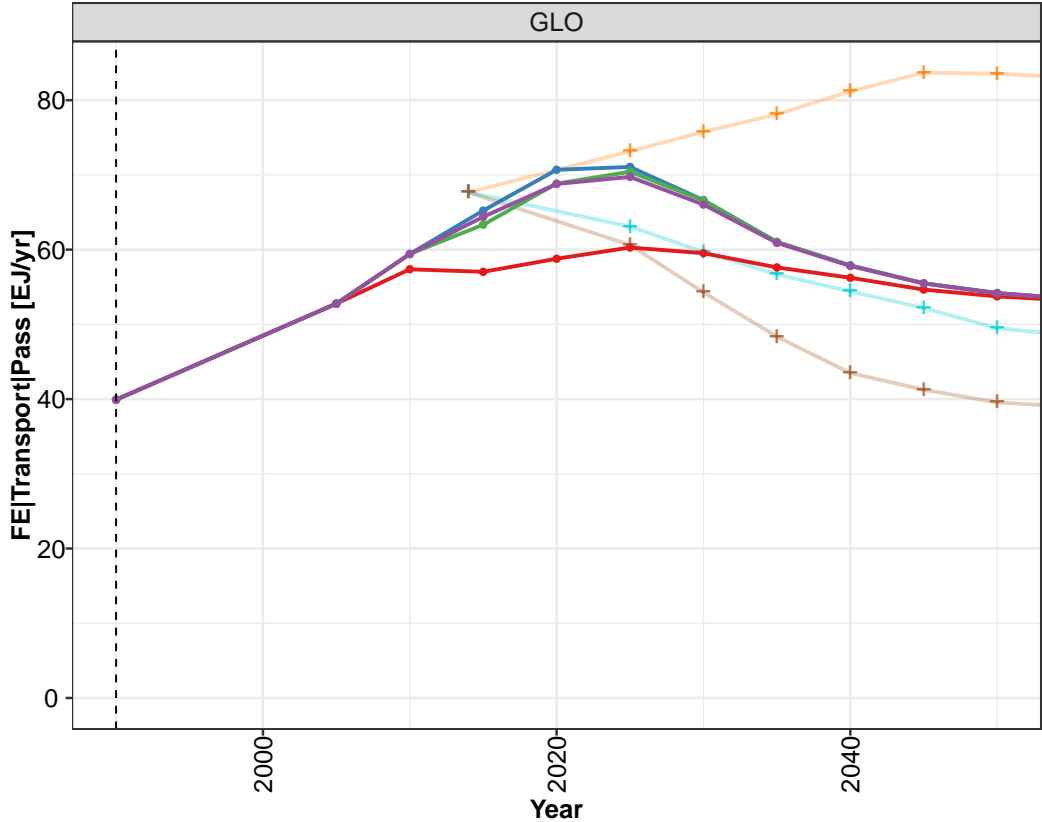
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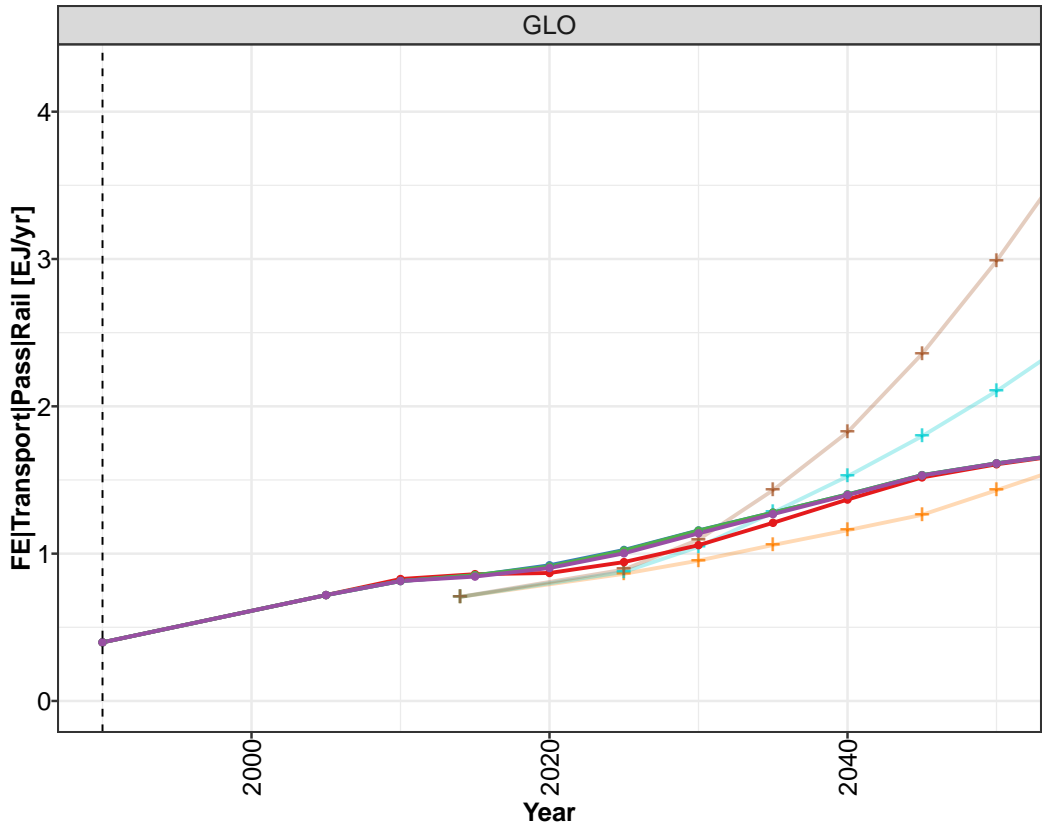
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- Historical data**
- JRC

1.4.3 FE—Transport—Pass [EJ/yr]



1.4.4 FE—Transport—Pass—Rail [EJ/yr]

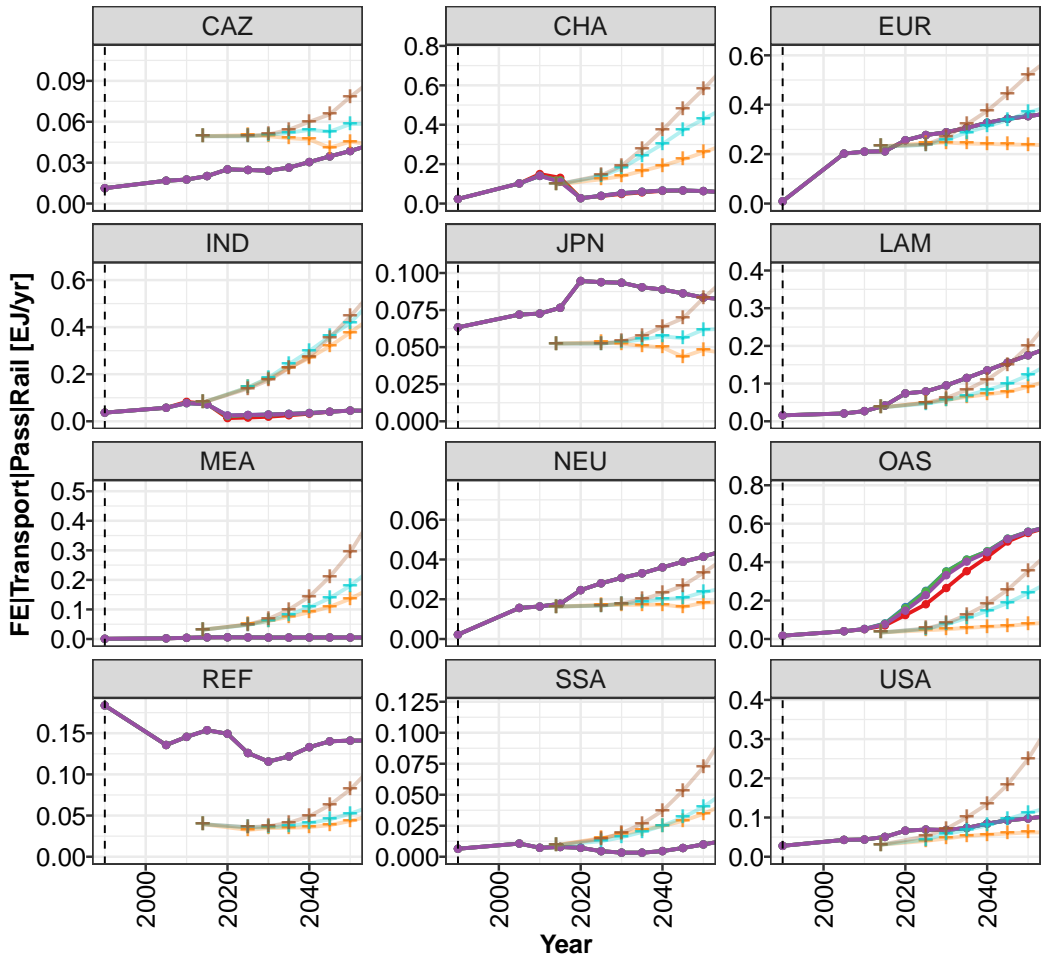


Model output

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Historical data

- IEA ETP RTS
- IEA ETP 2DS
- IEA ETP B2DS

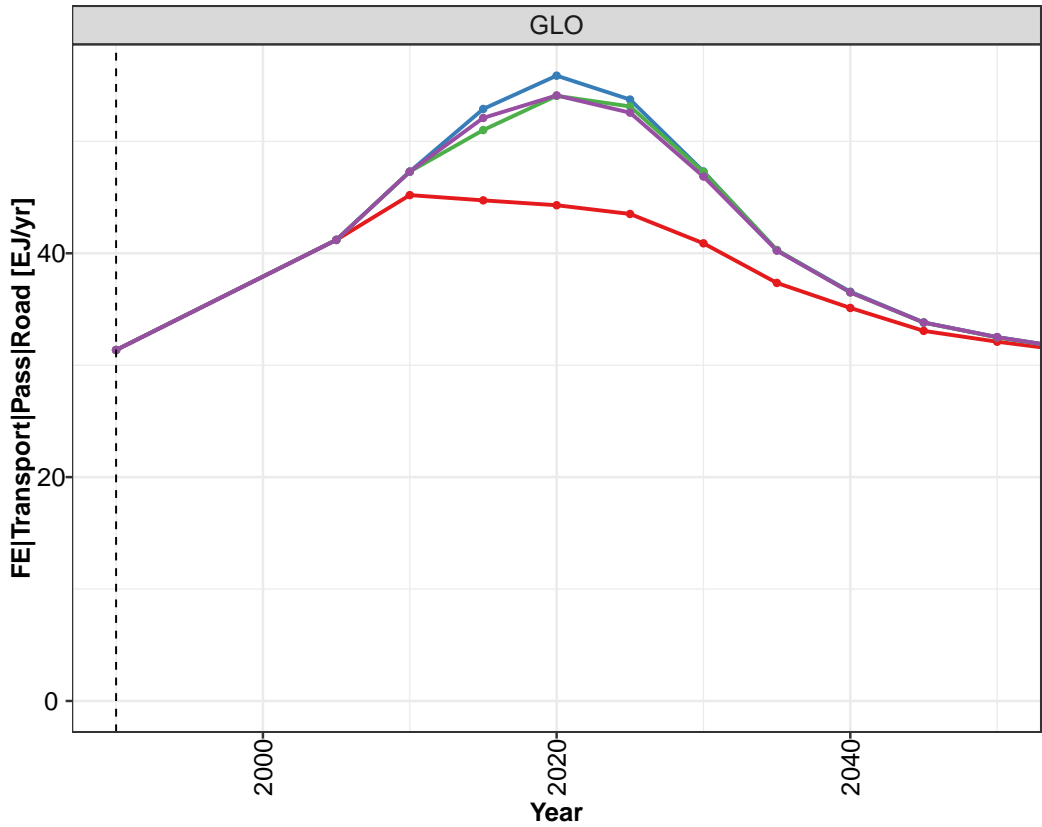


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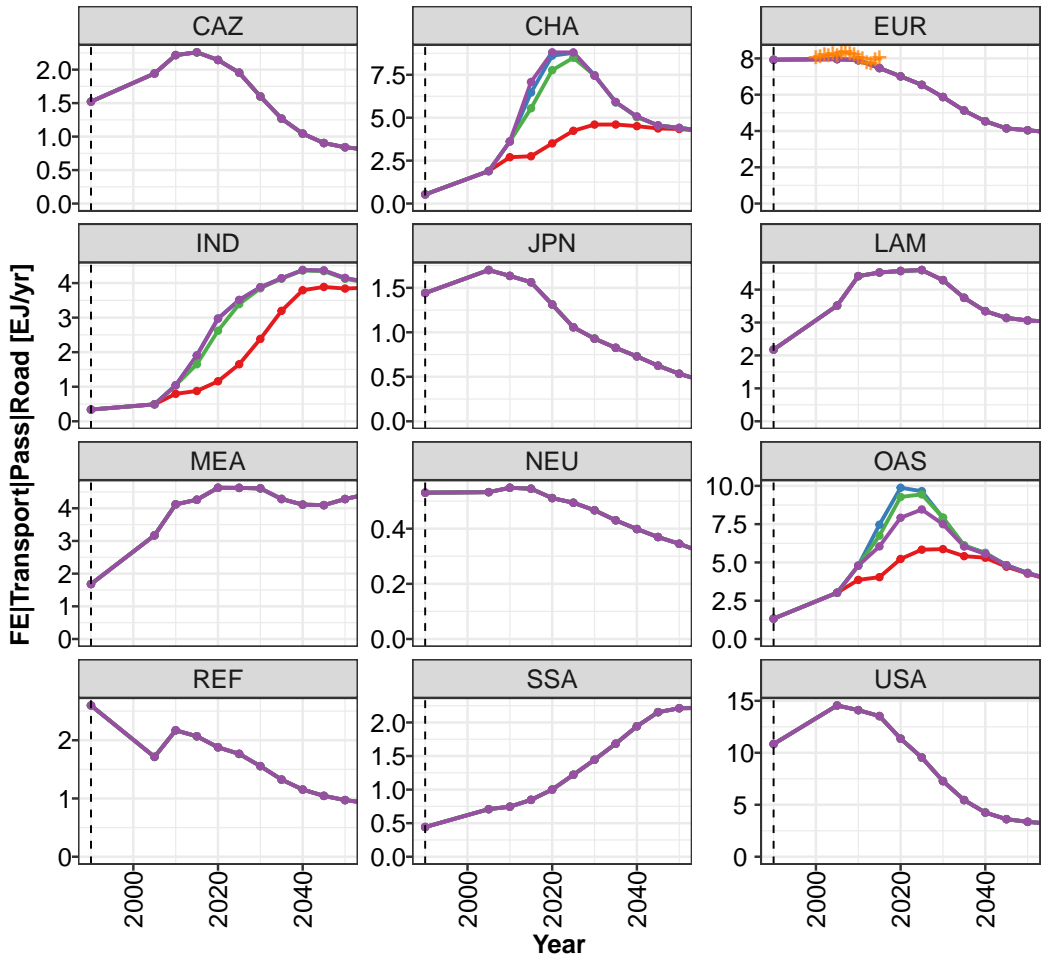
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Historical data

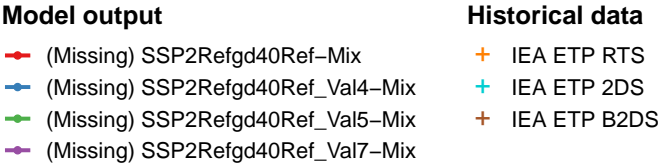
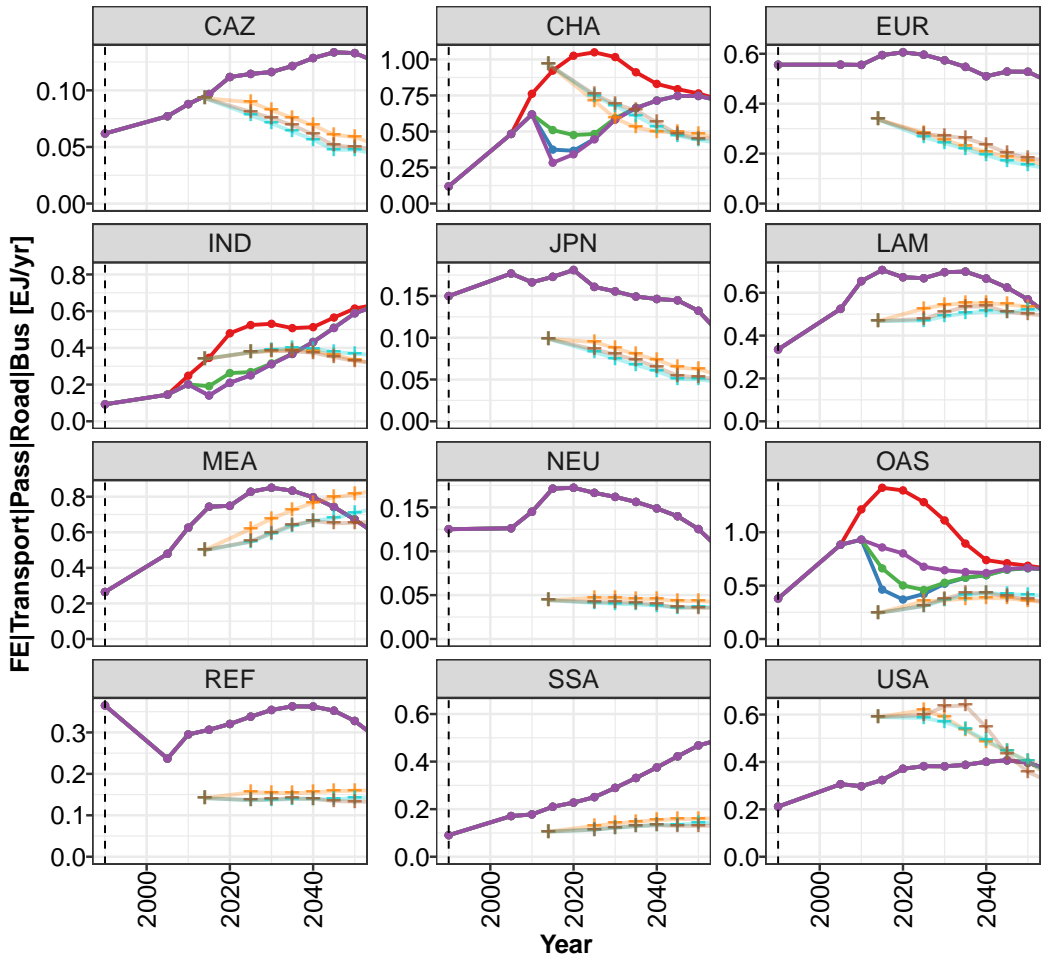
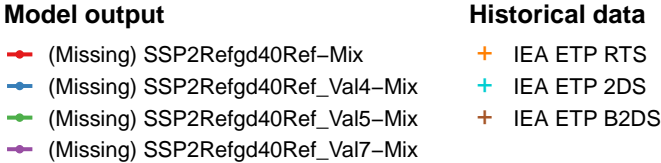
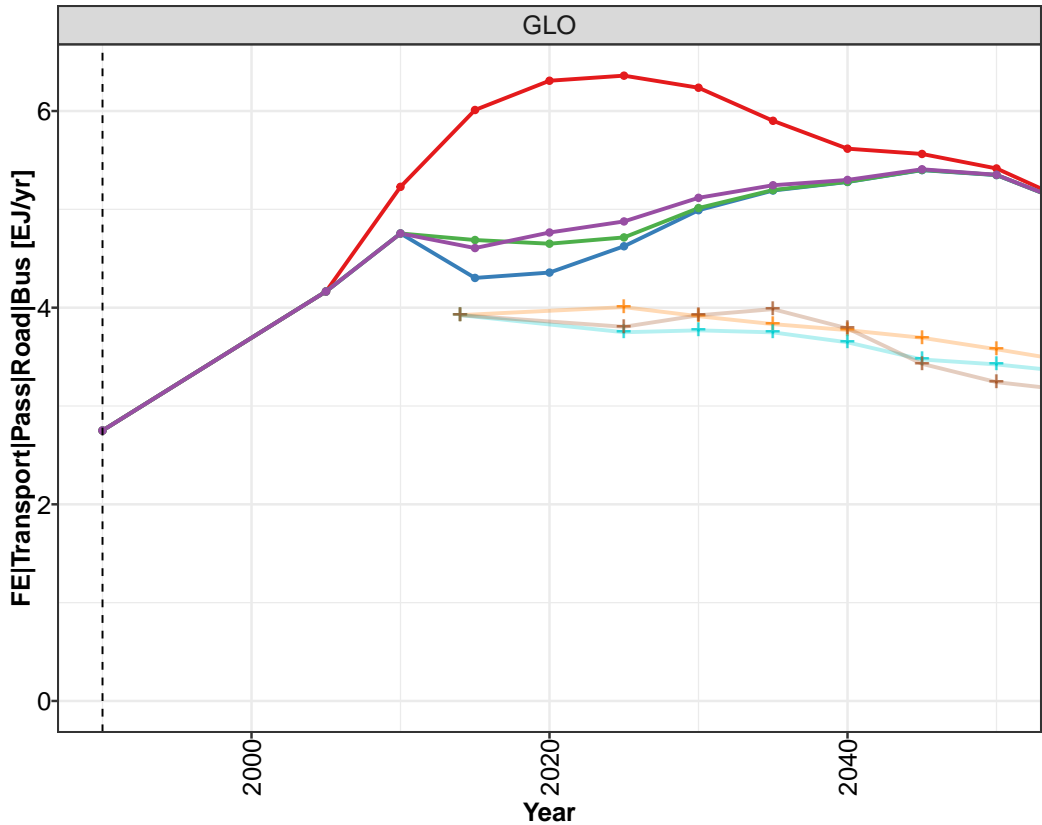
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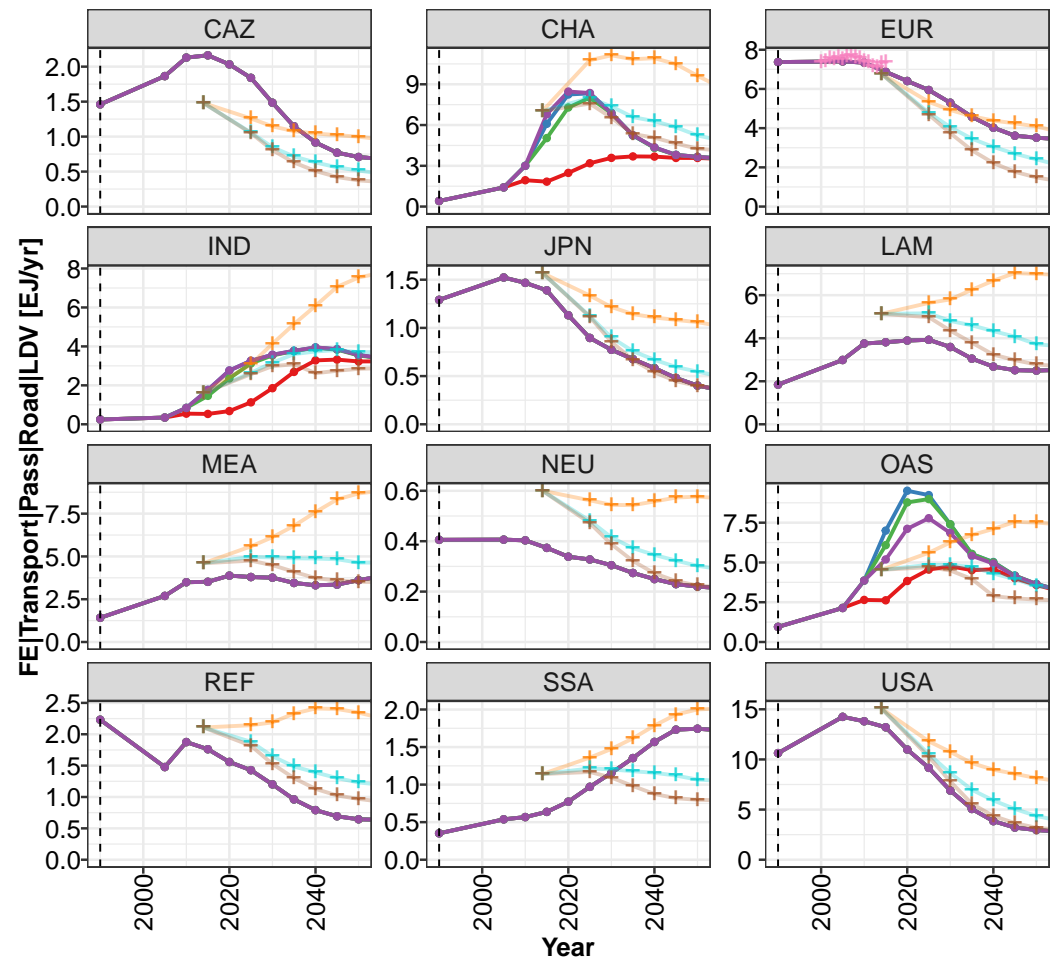
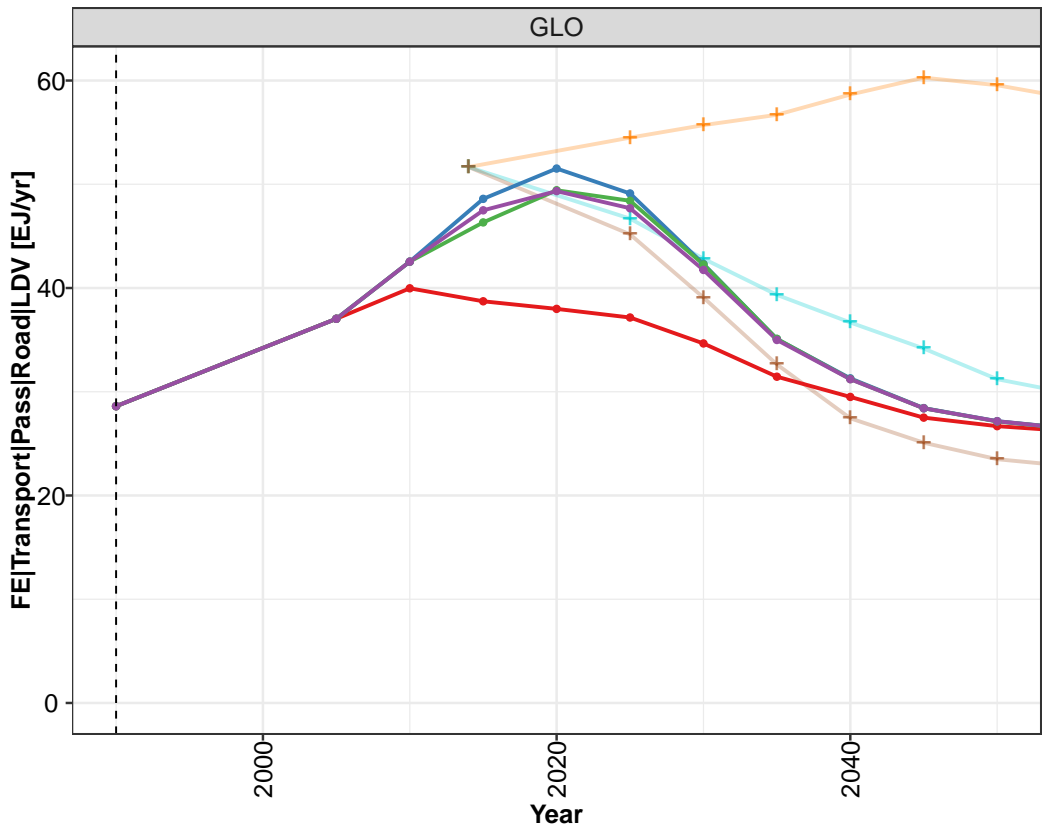


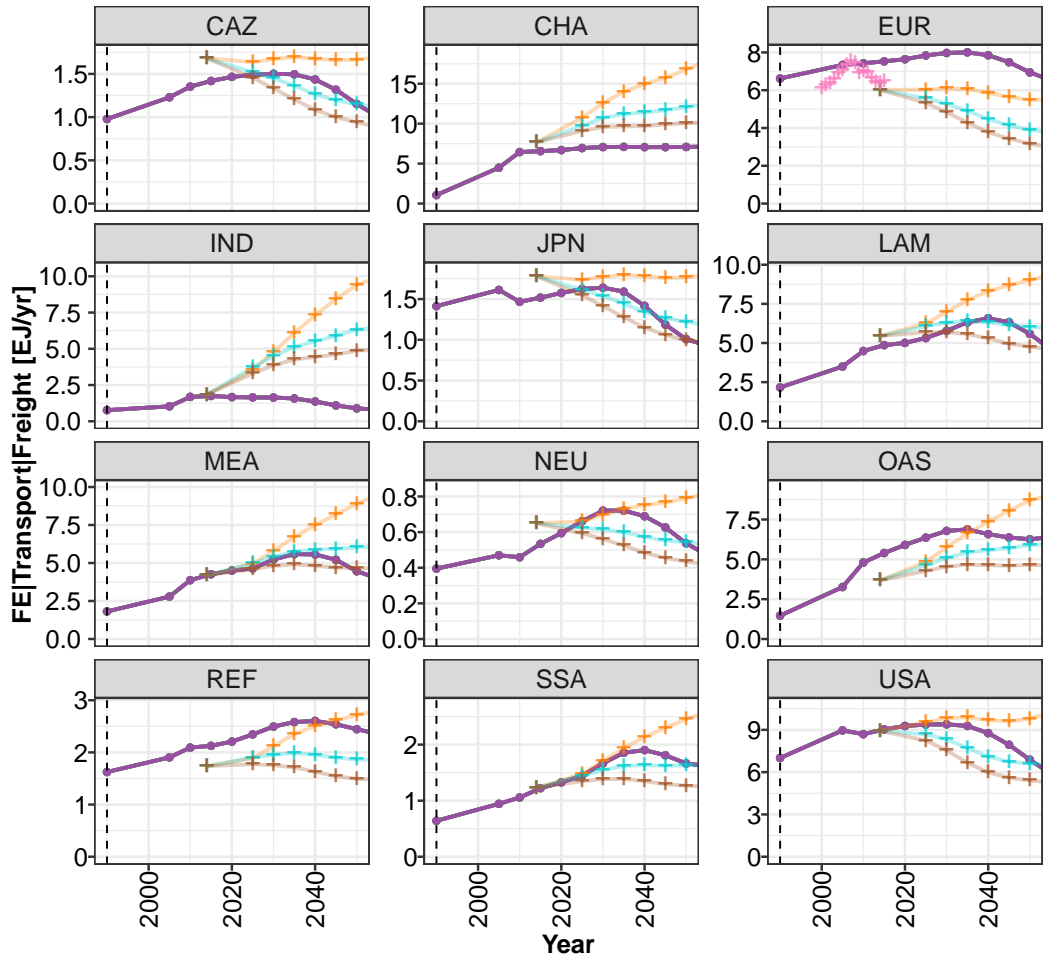
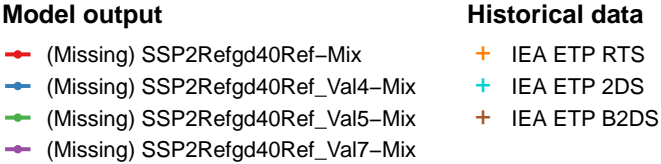
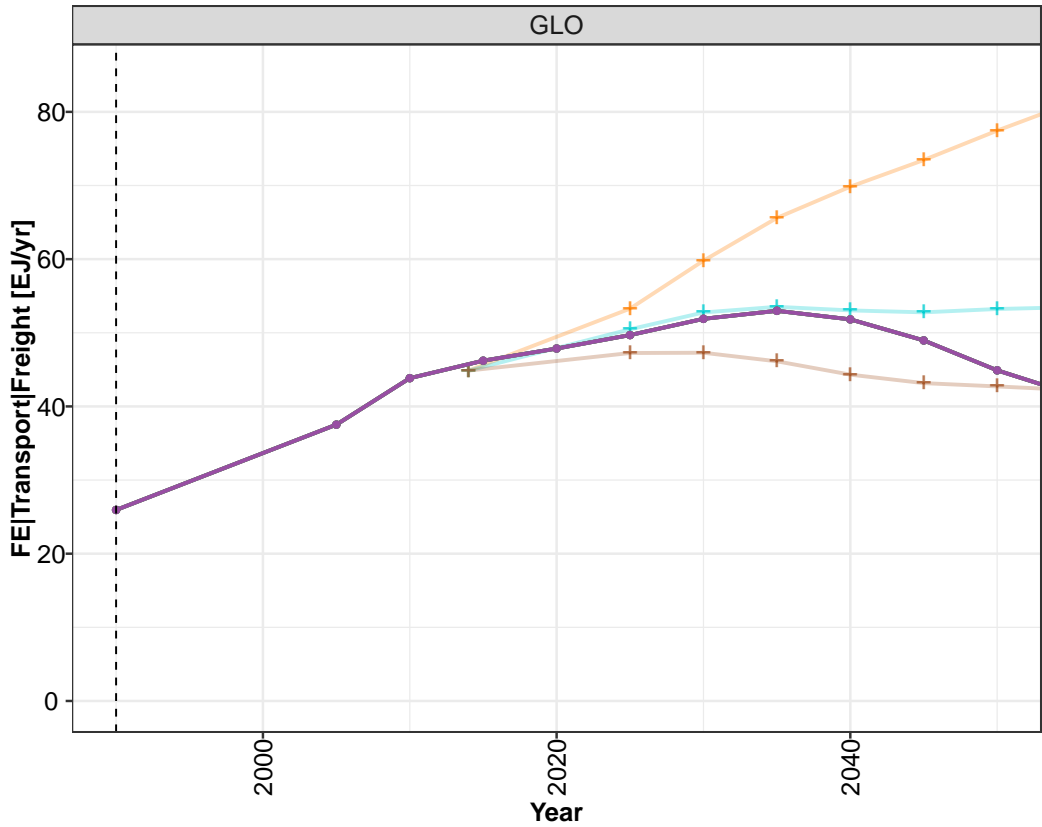
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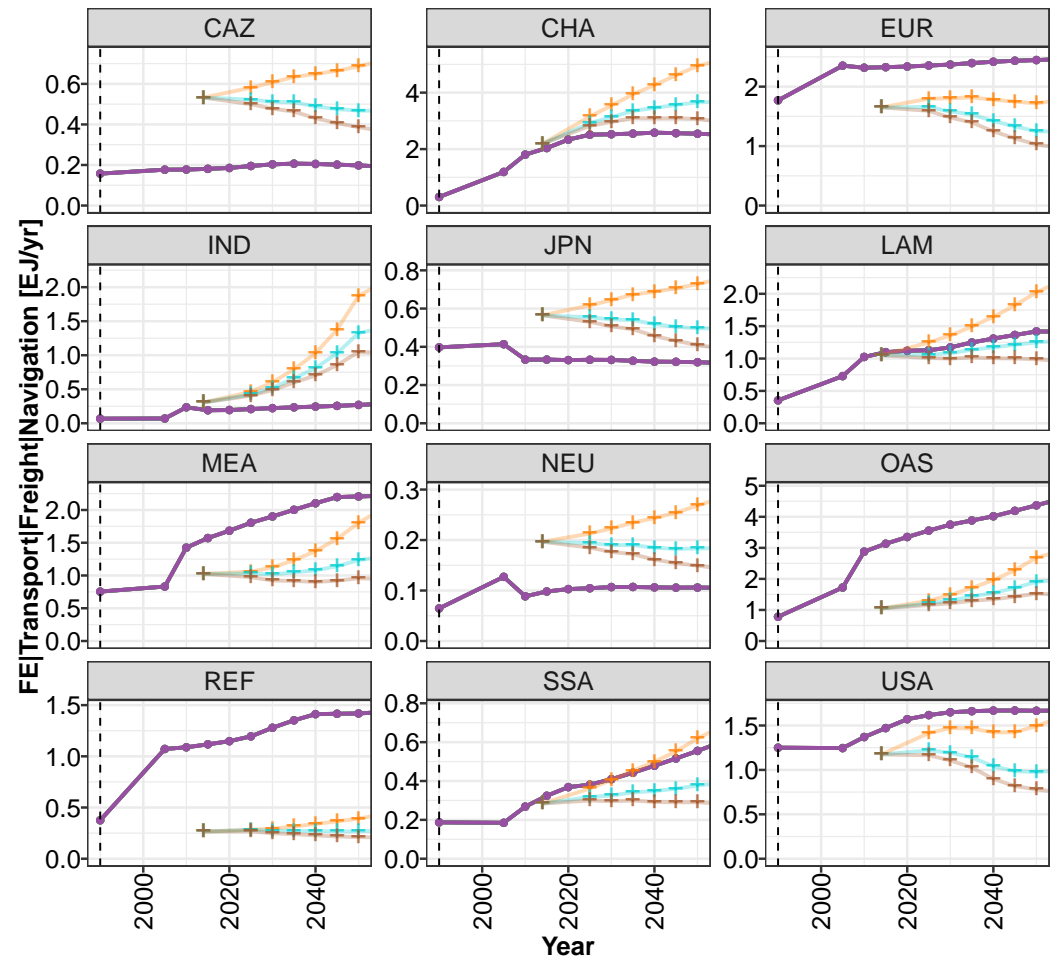
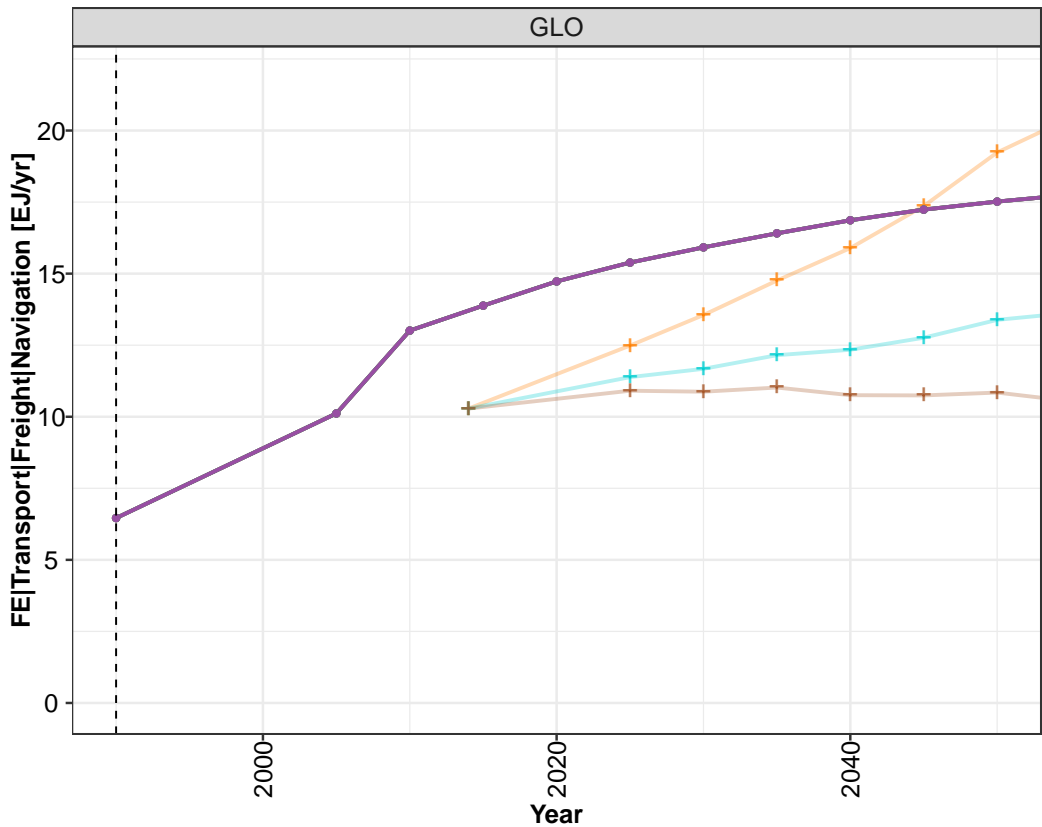
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- Historical data**
- JRC

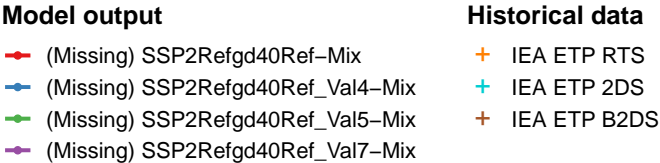
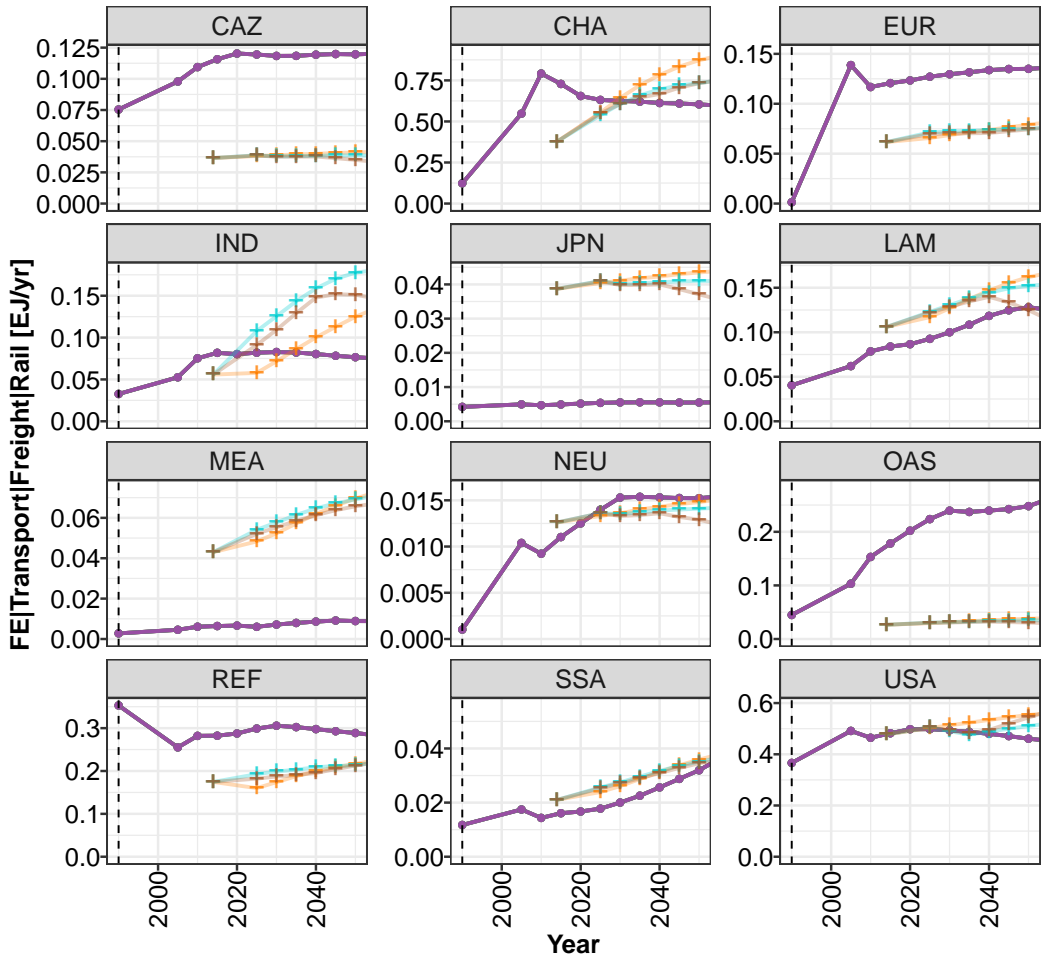
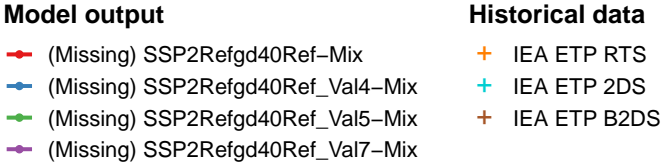
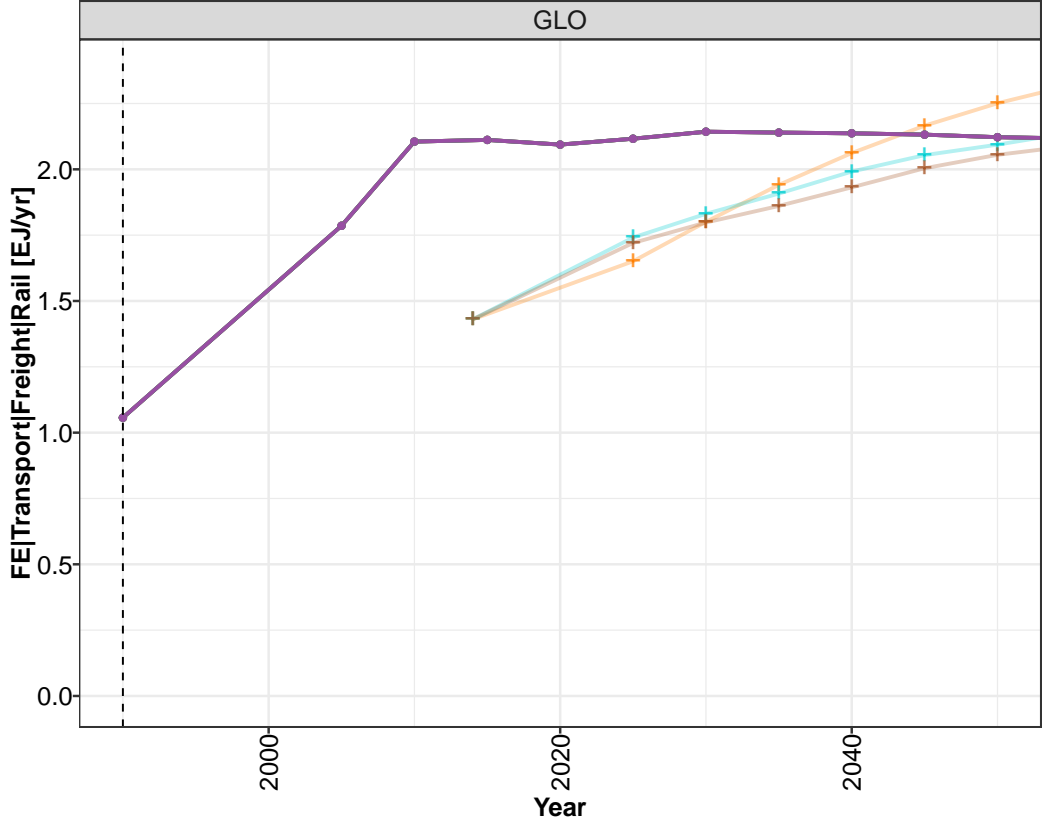


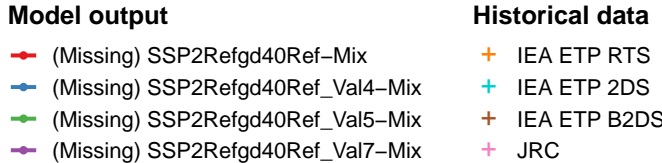
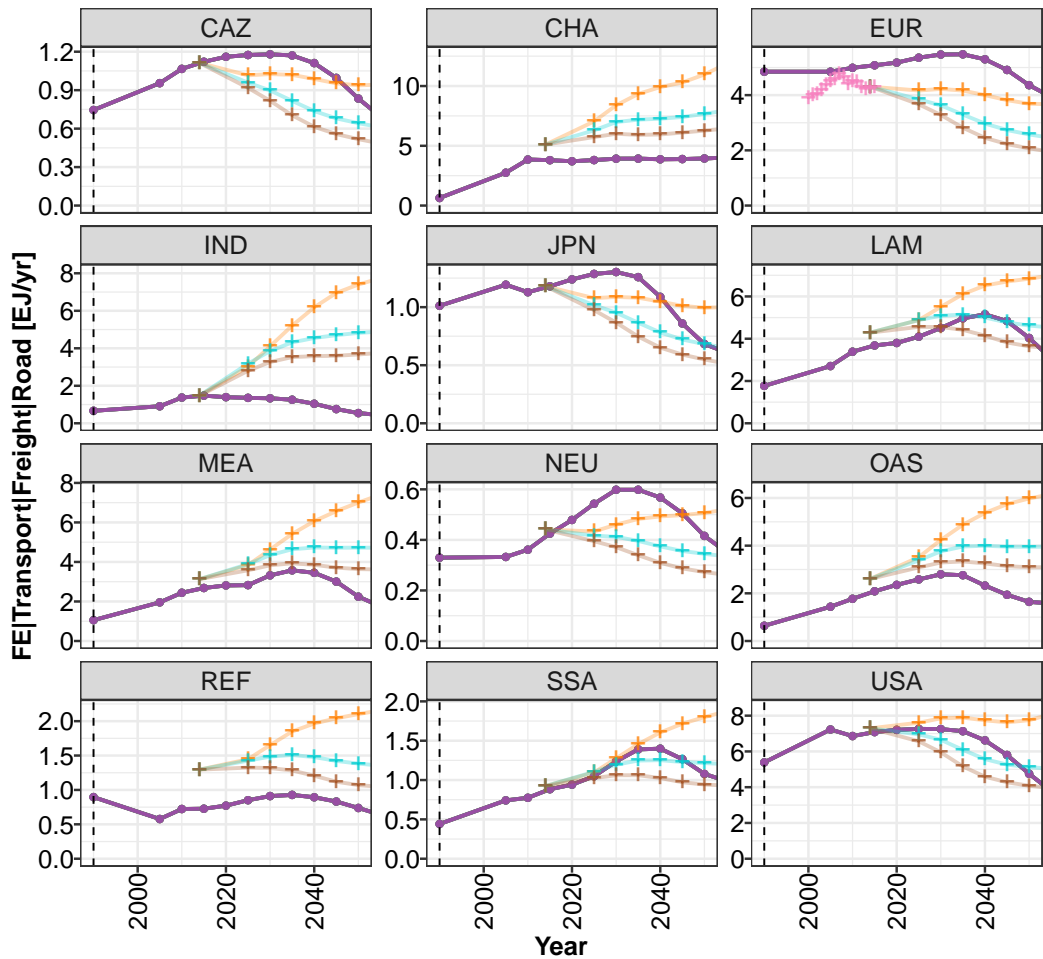
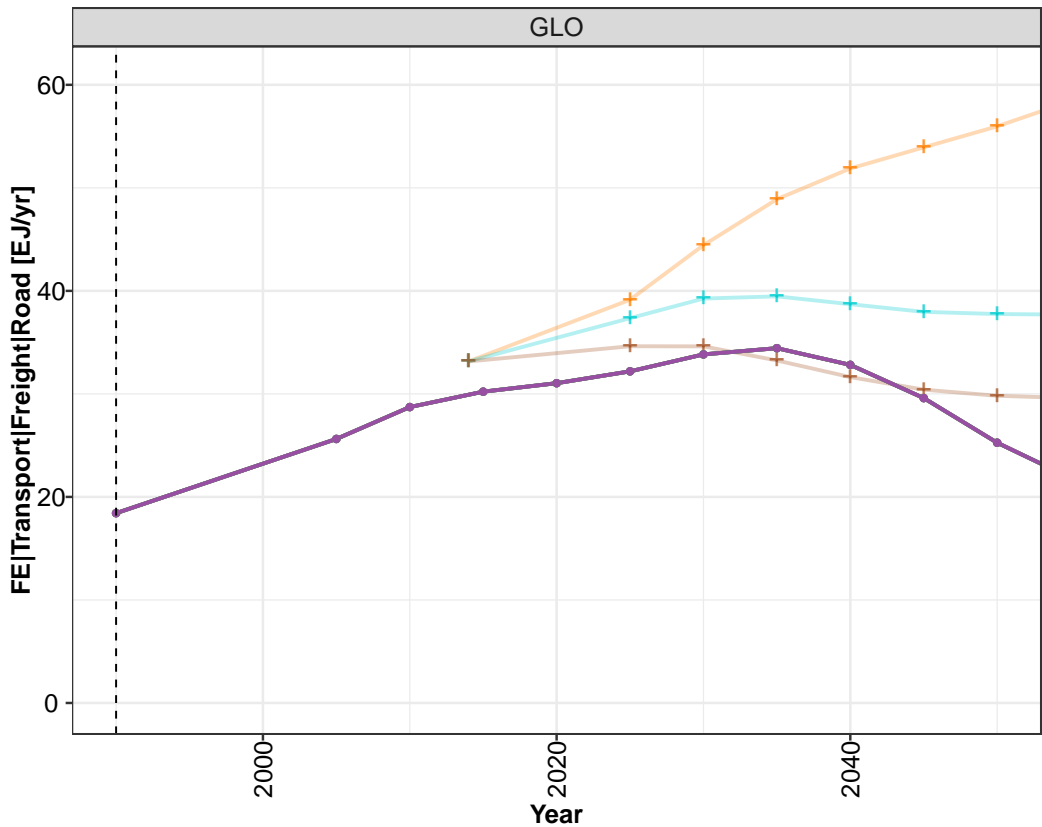






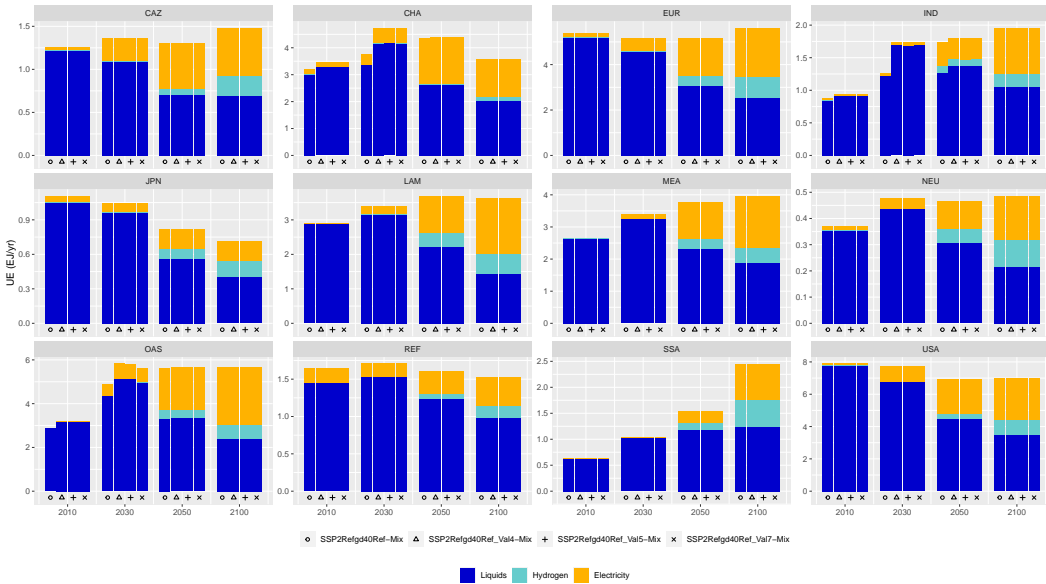
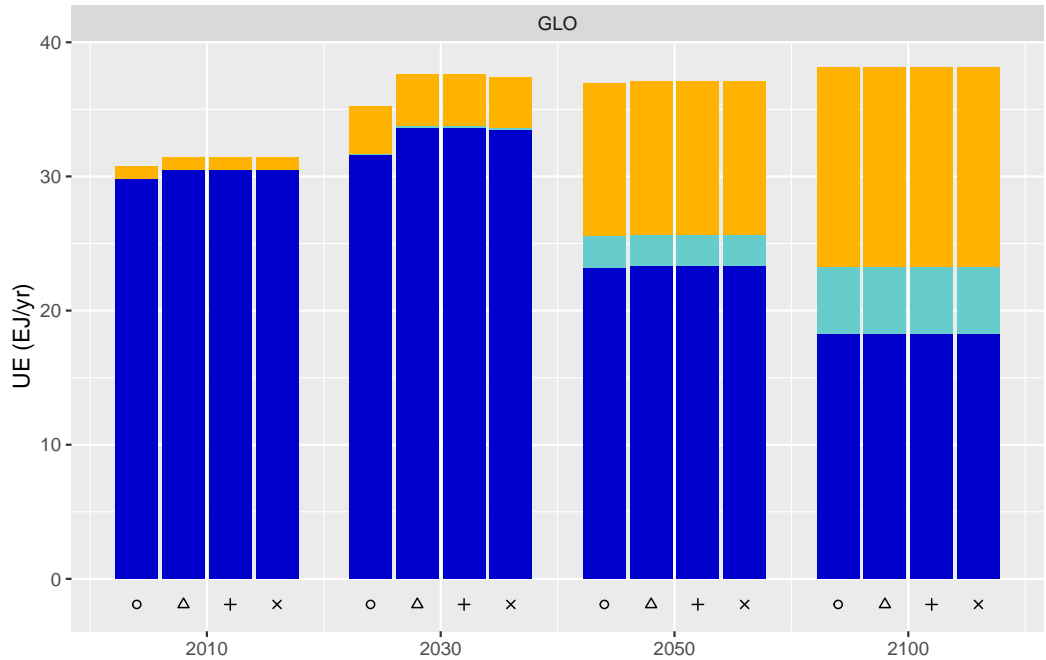
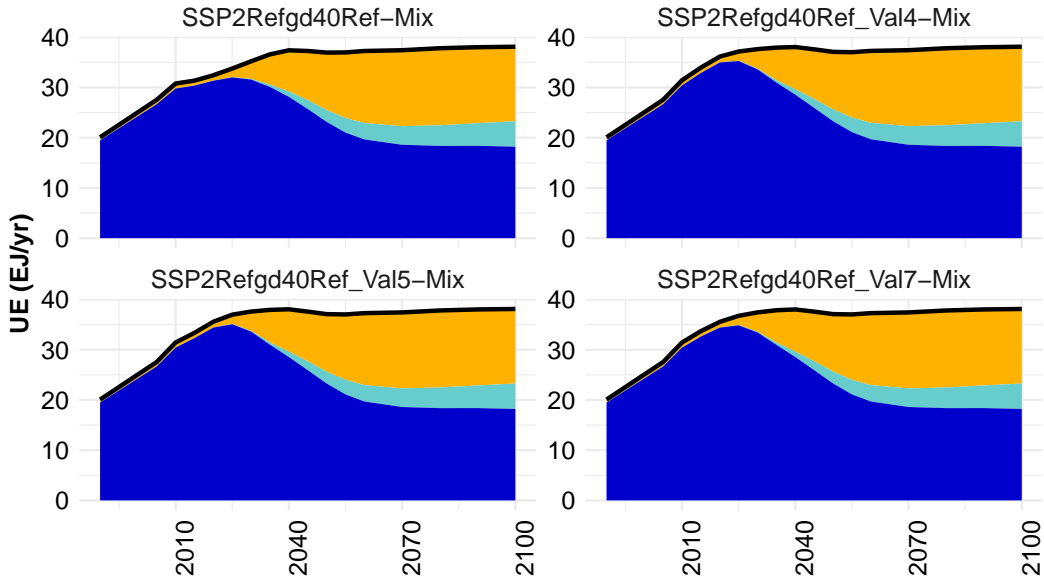


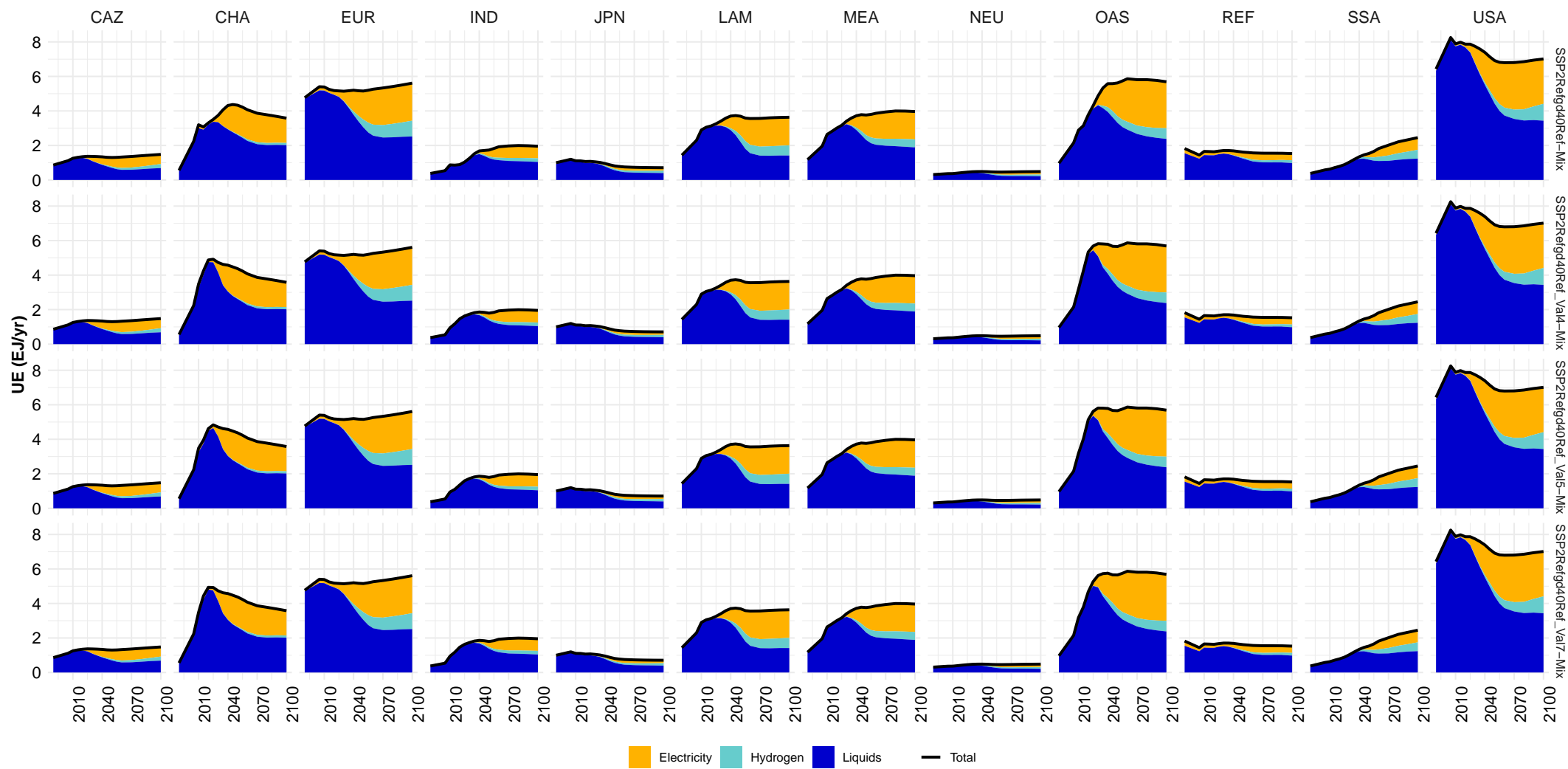




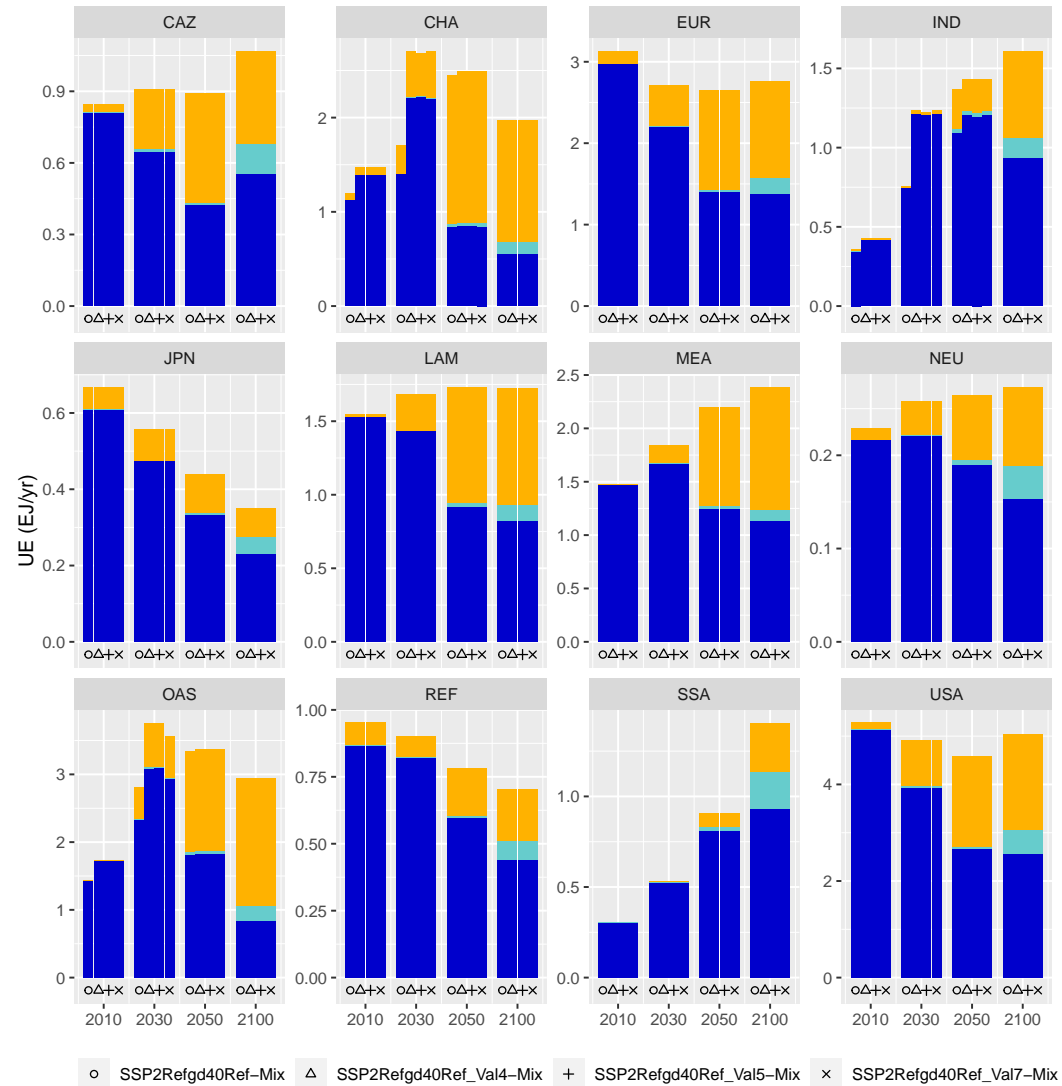
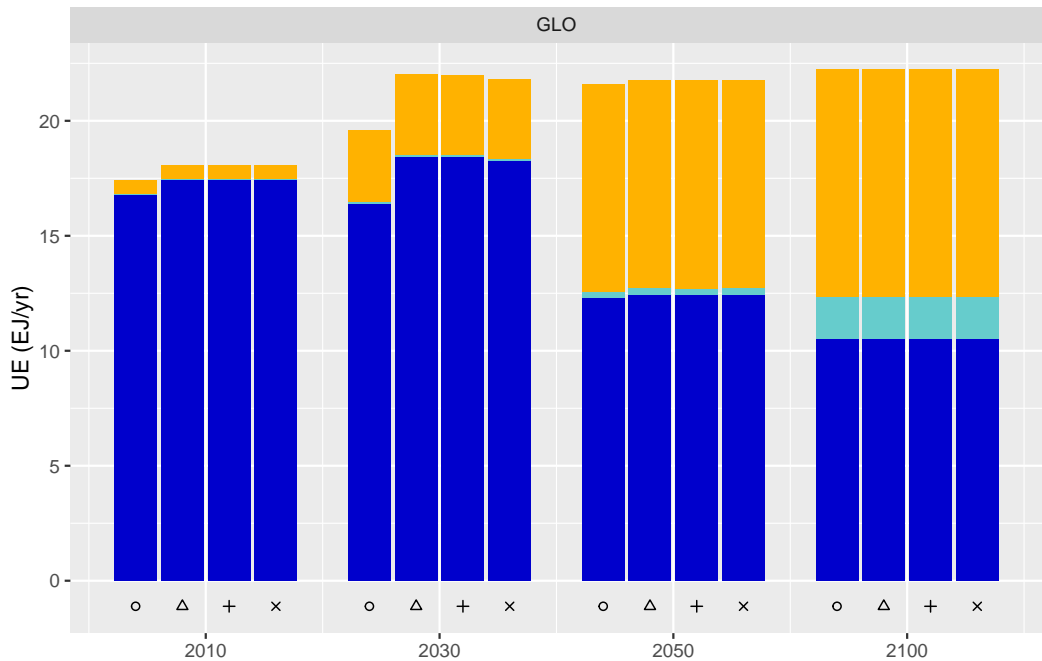
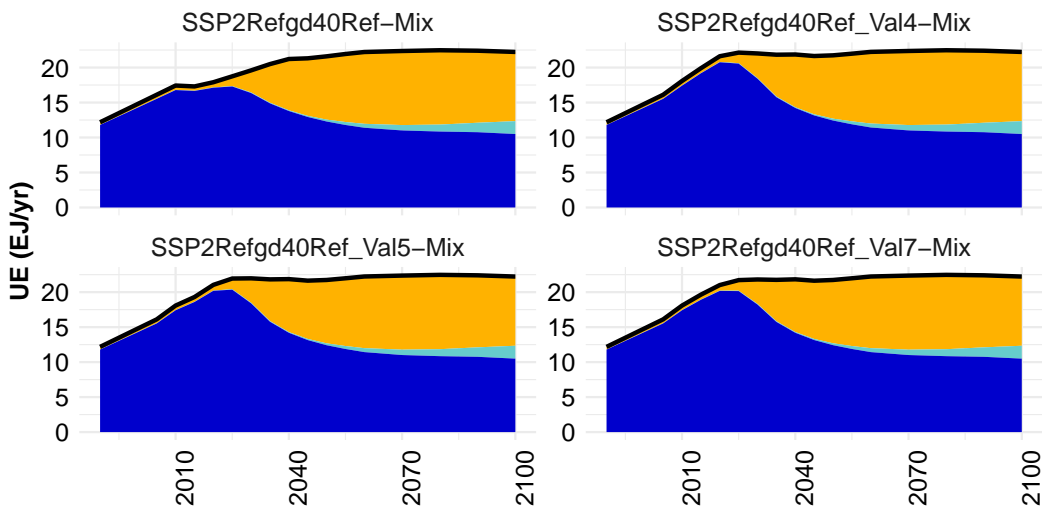
1.5 Useful energy by carrier

1.5.1 Total

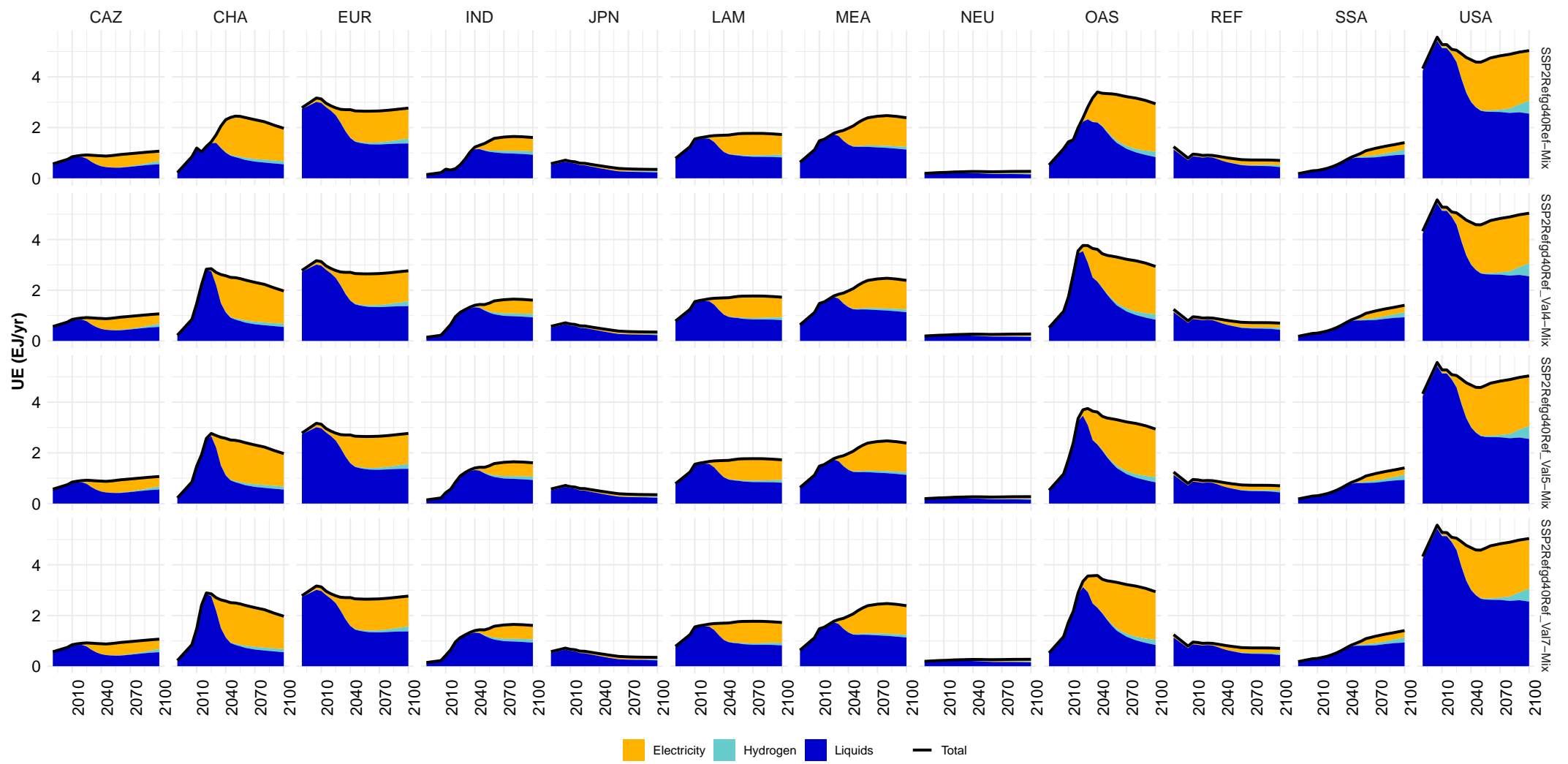




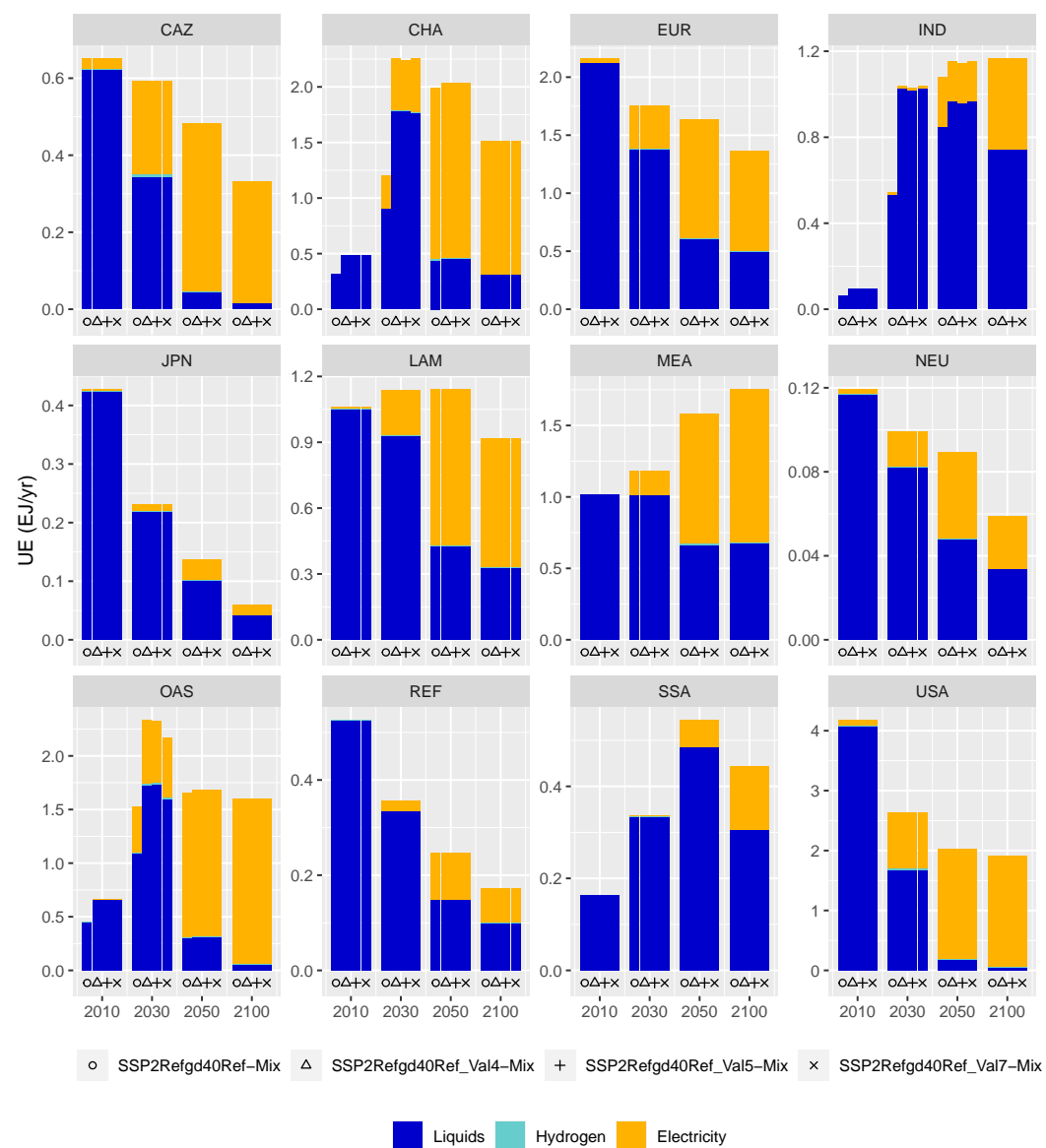
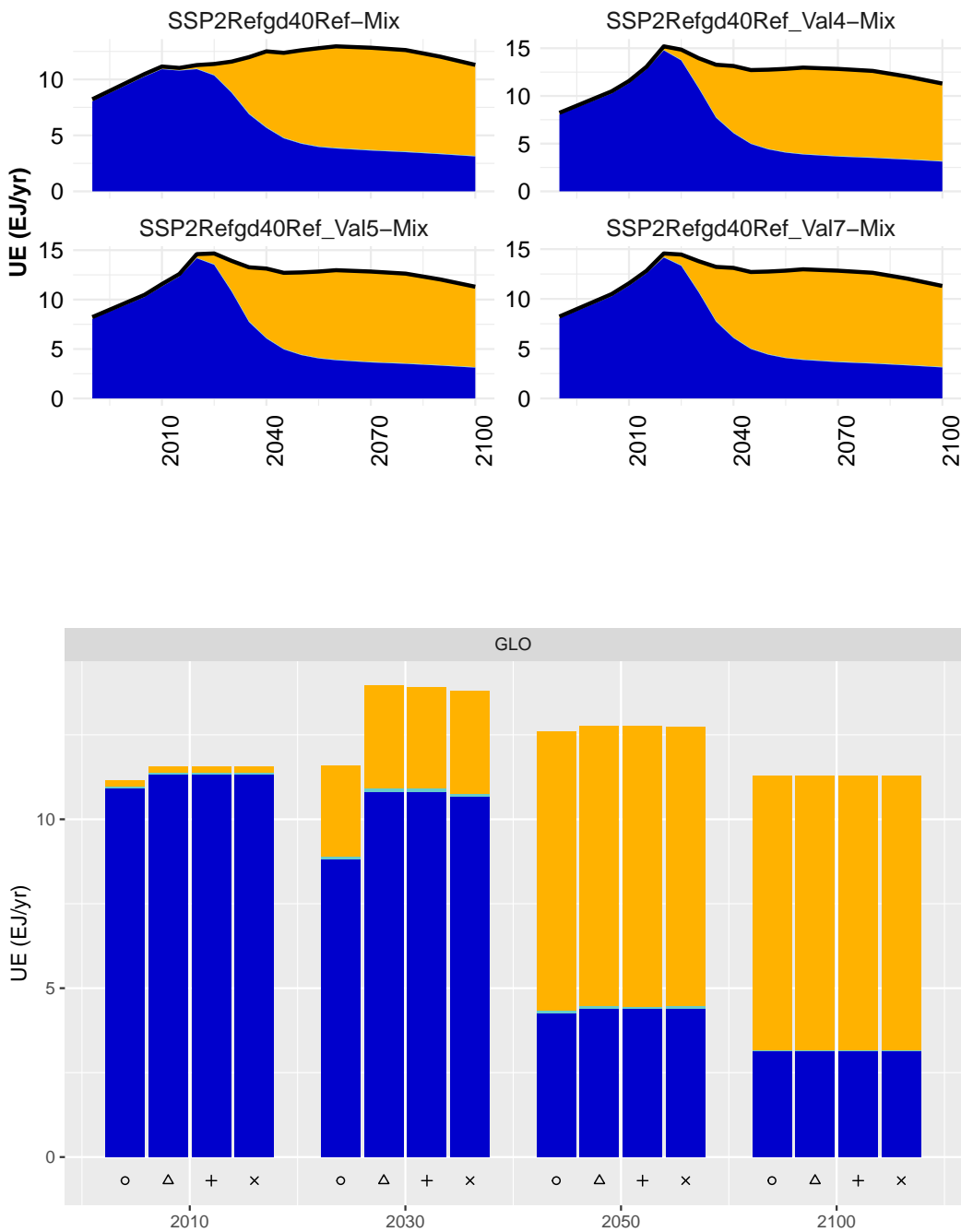
1.5.2 Passenger



Liquids Hydrogen Electricity



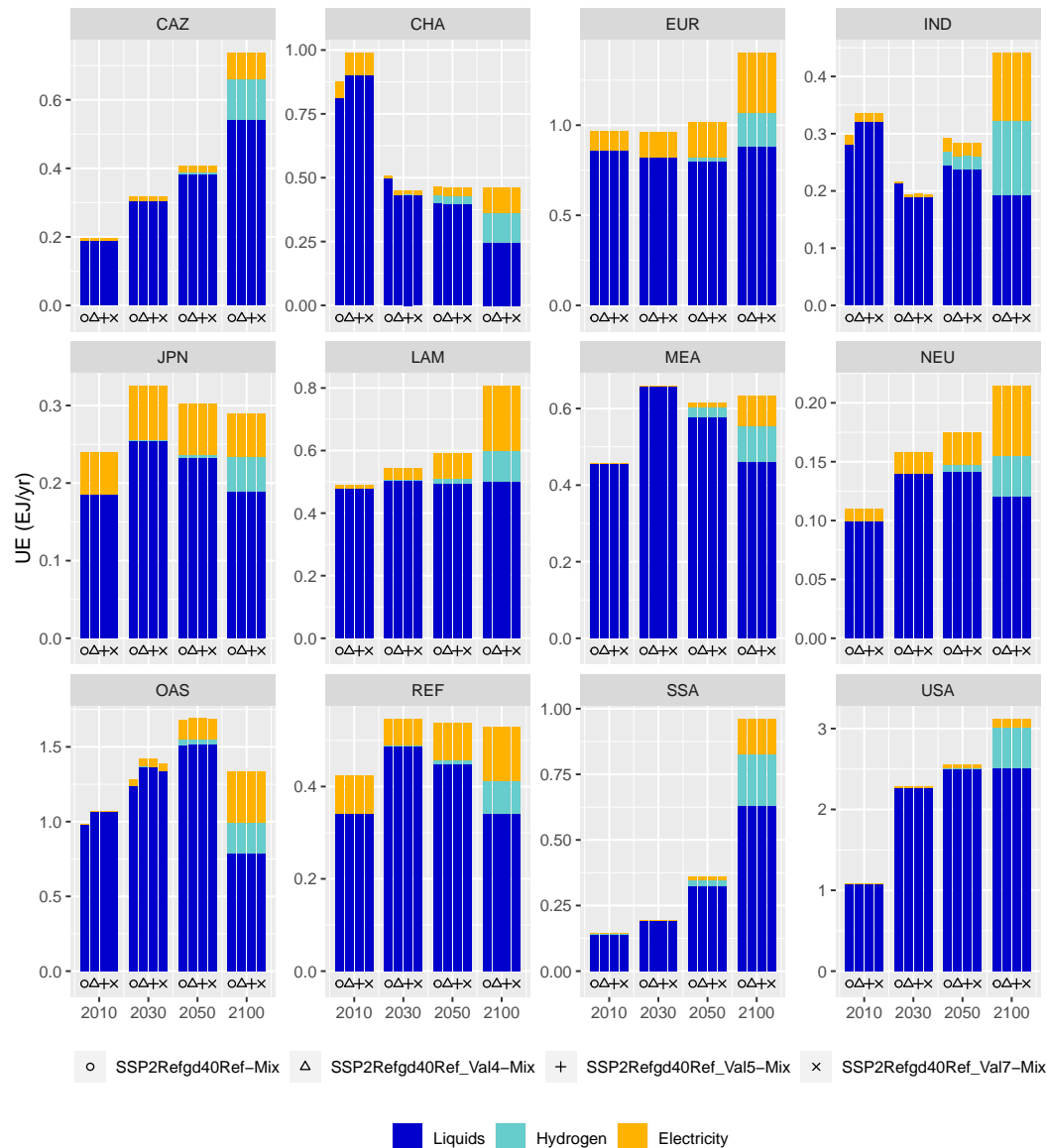
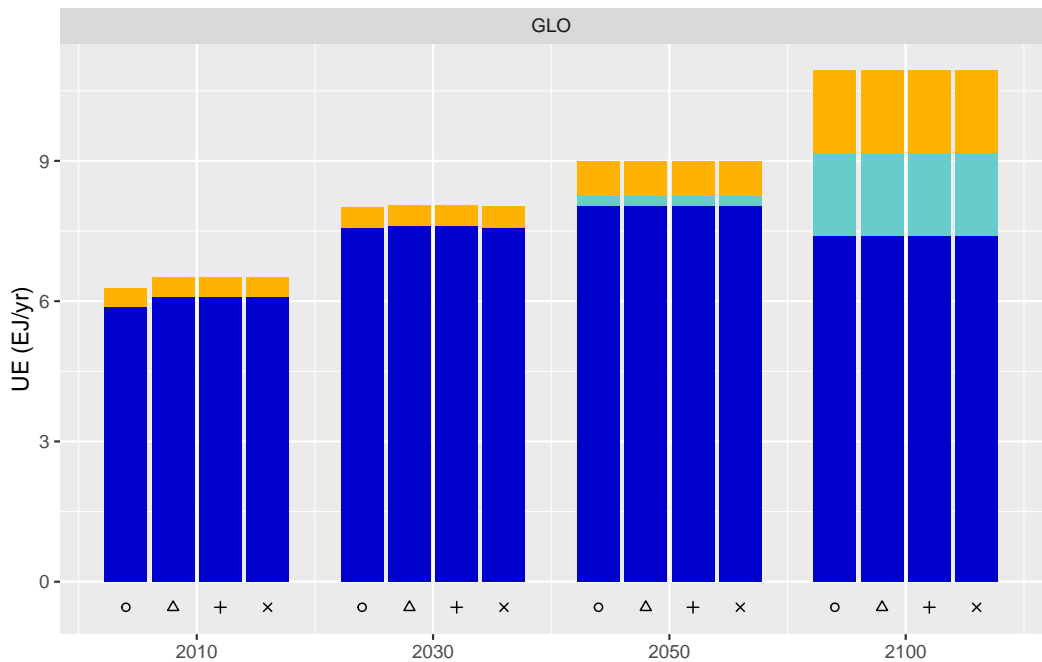
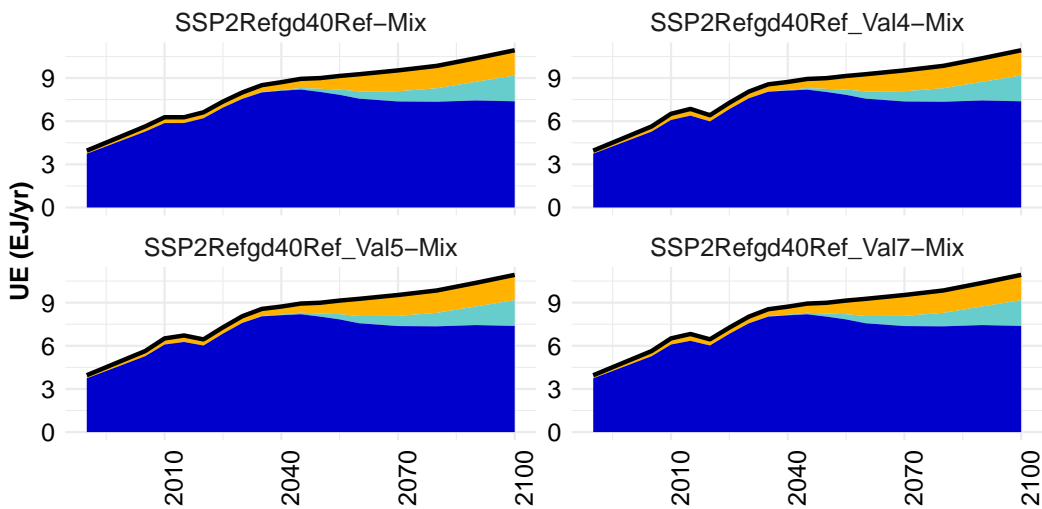
1.5.3 Passenger LDV

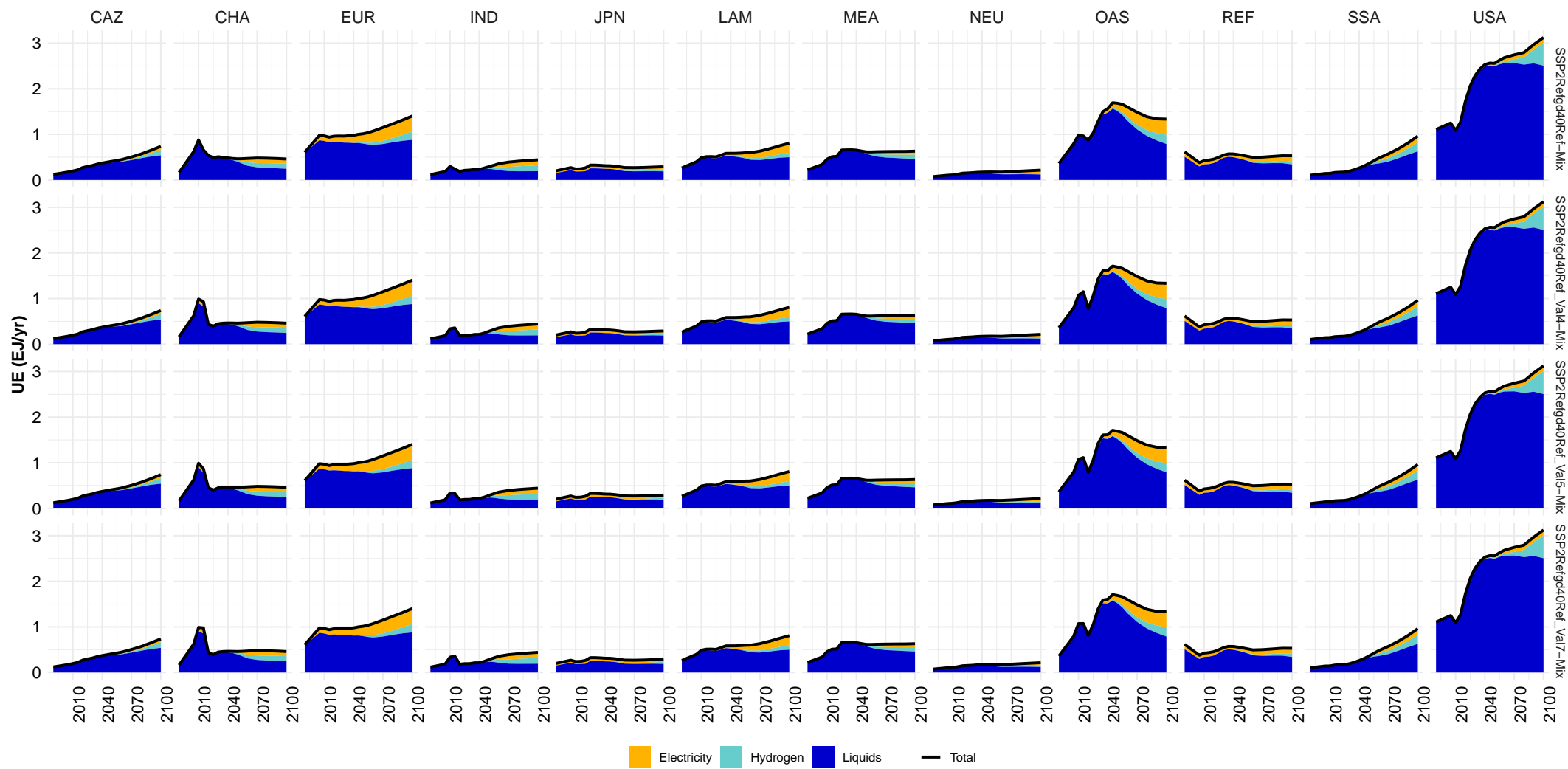




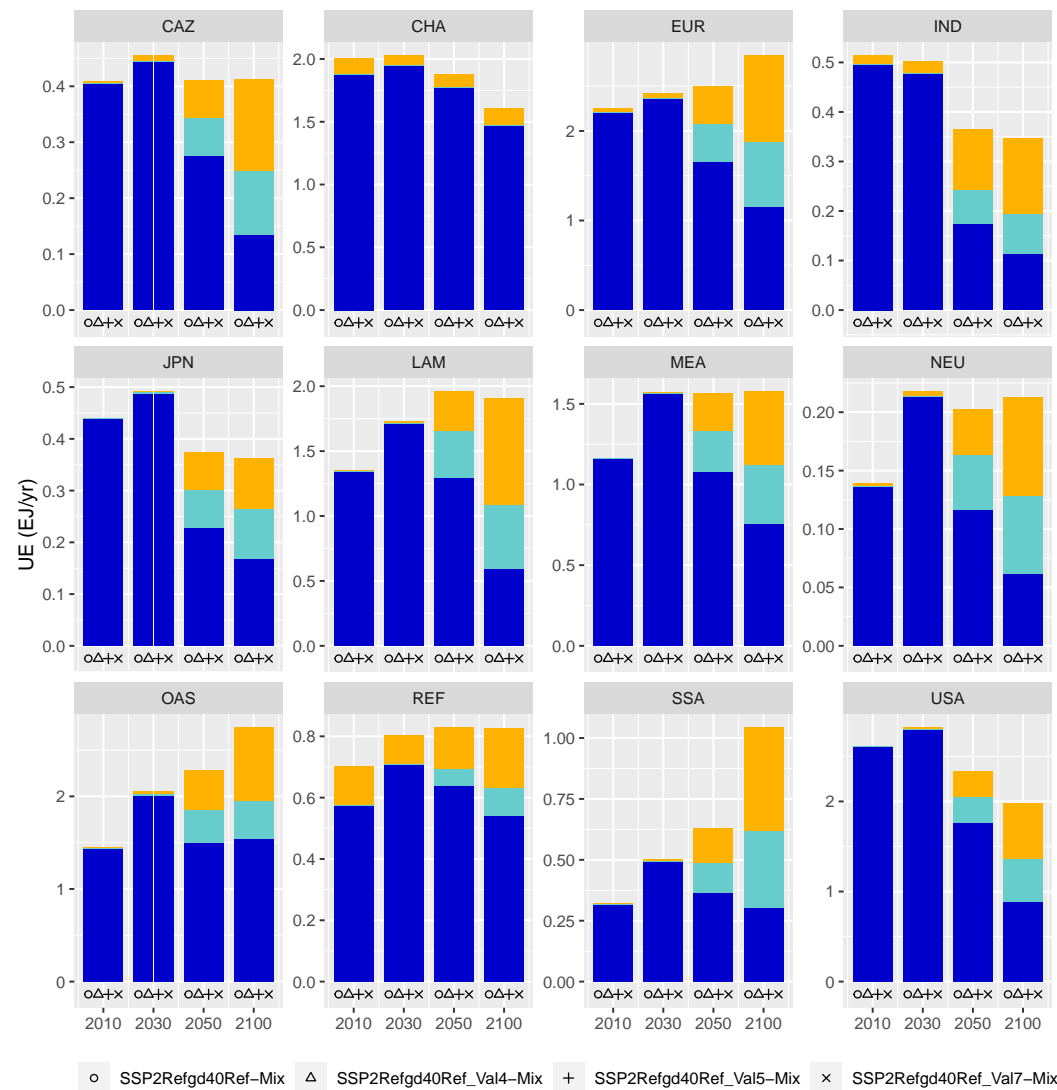
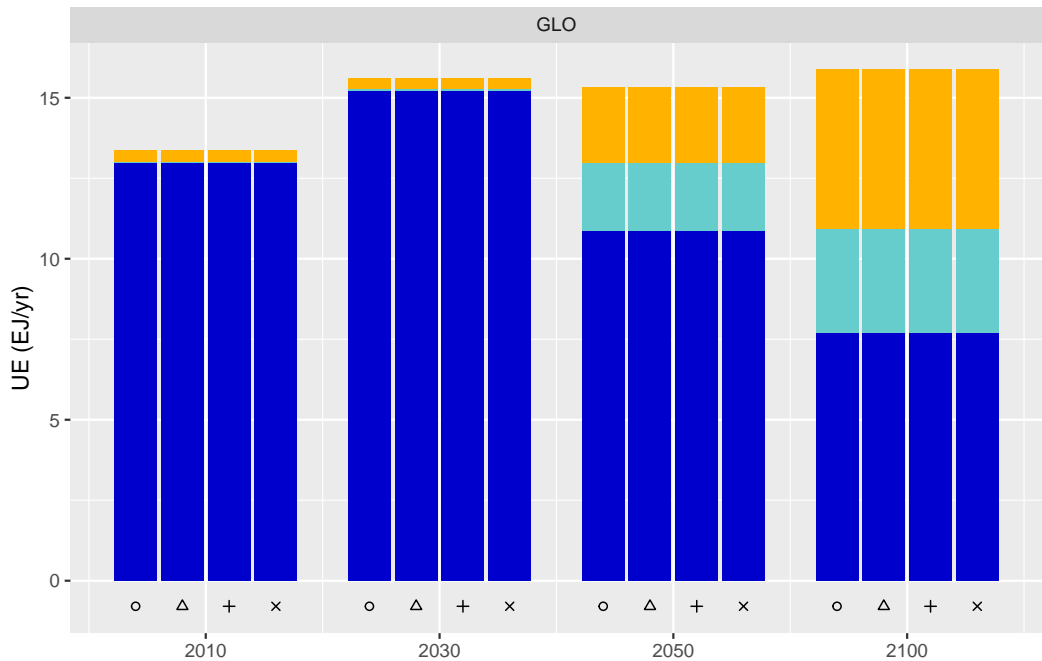
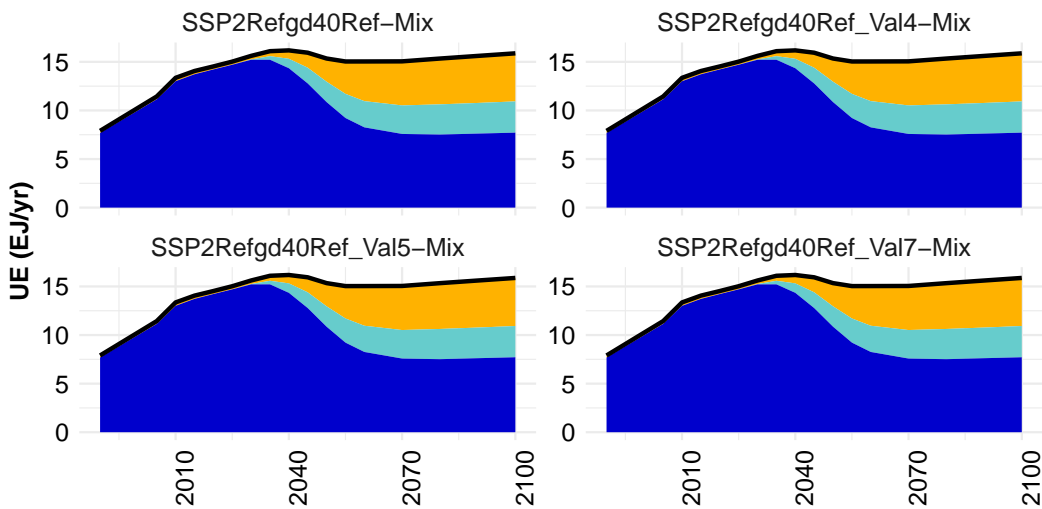


1.5.4 Passenger non-LDV

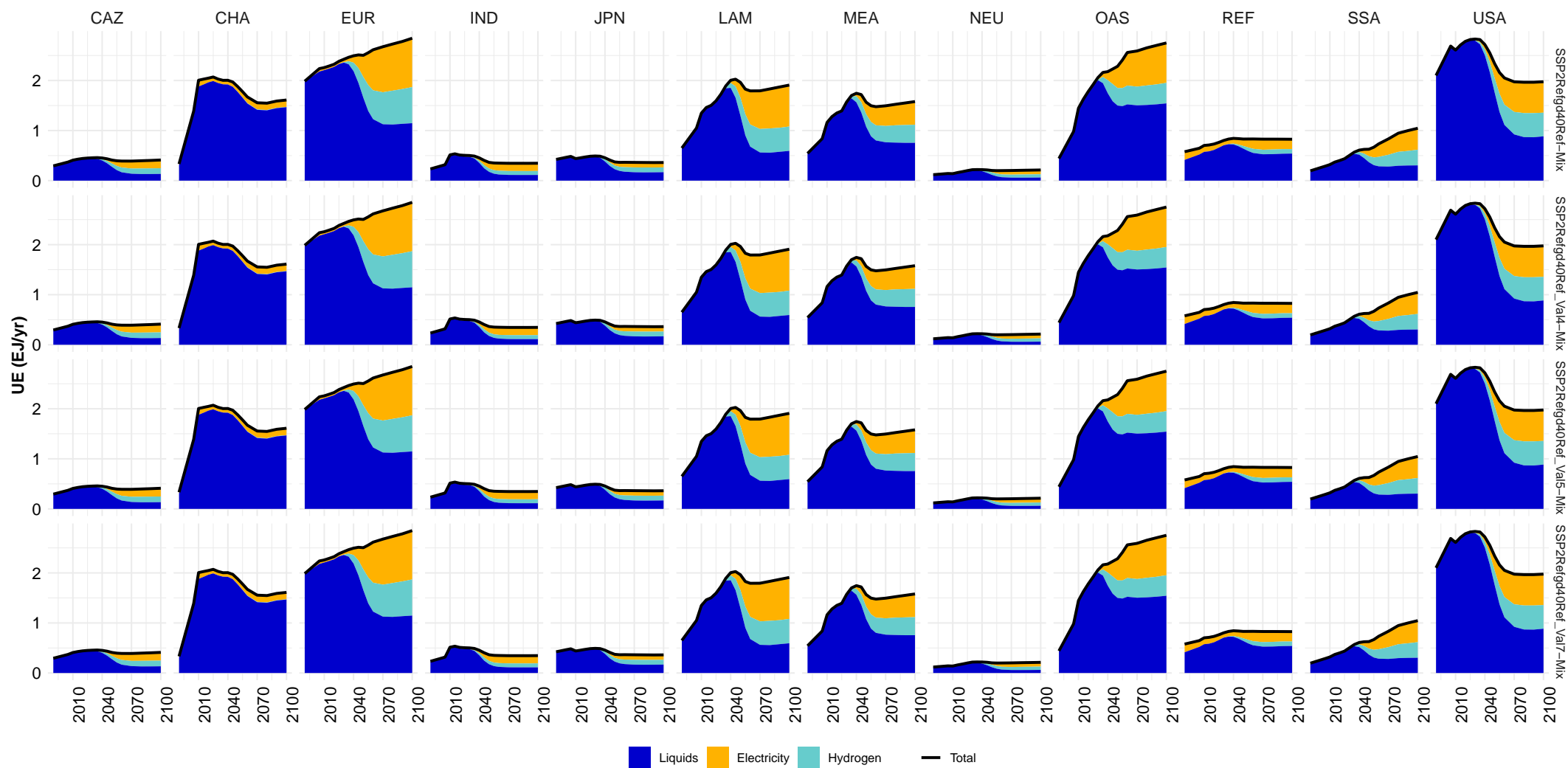




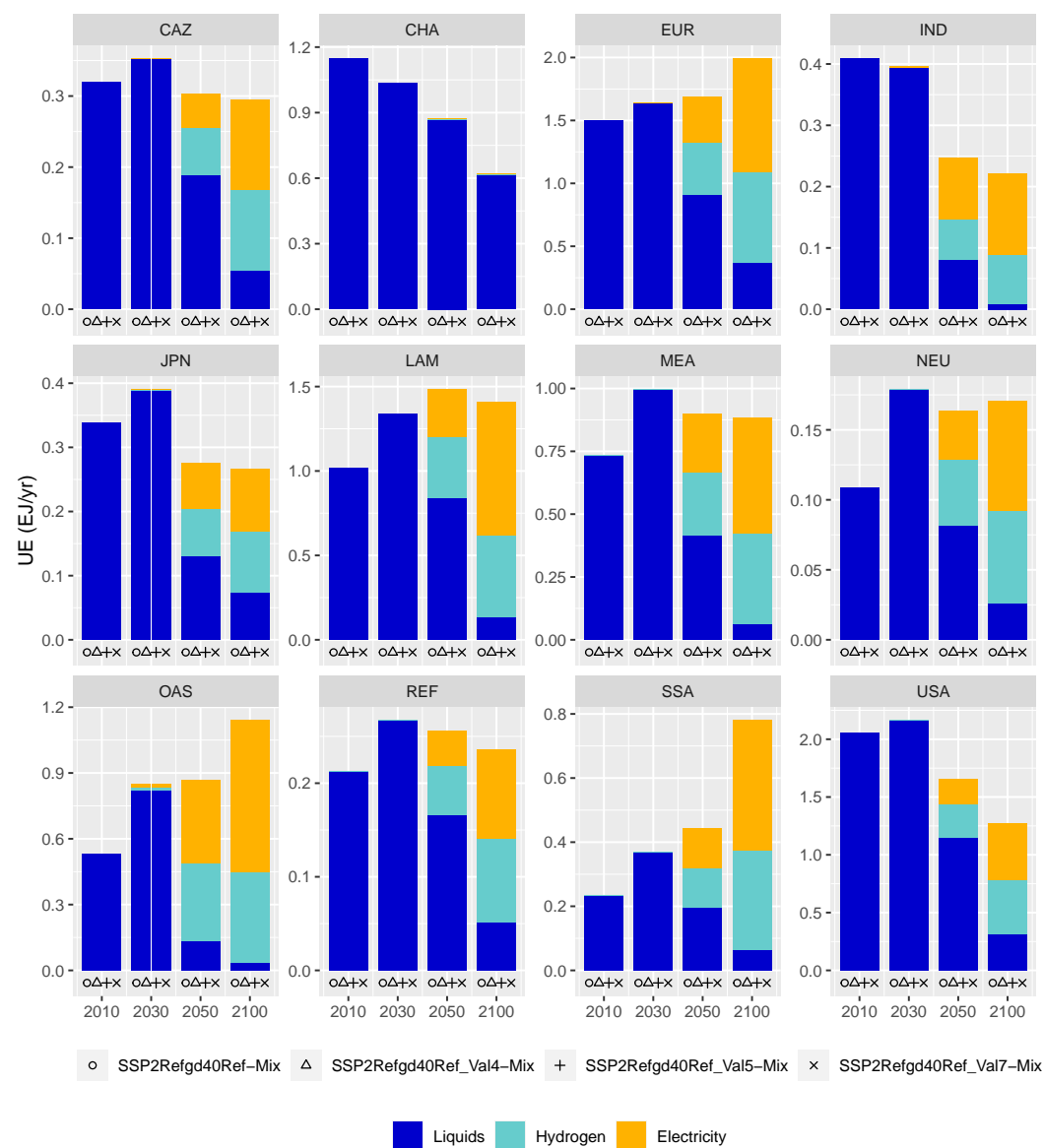
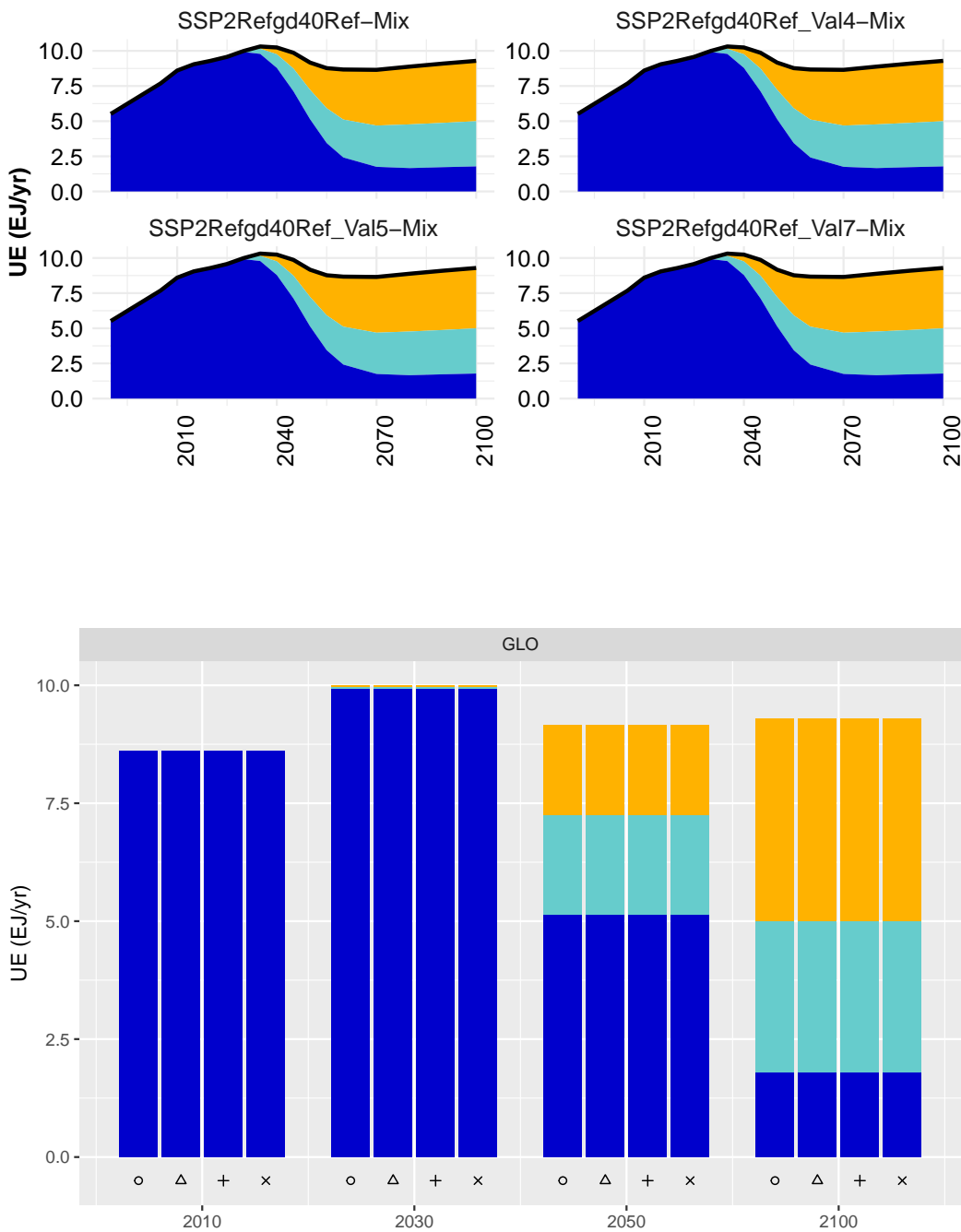
1.5.5 Freight

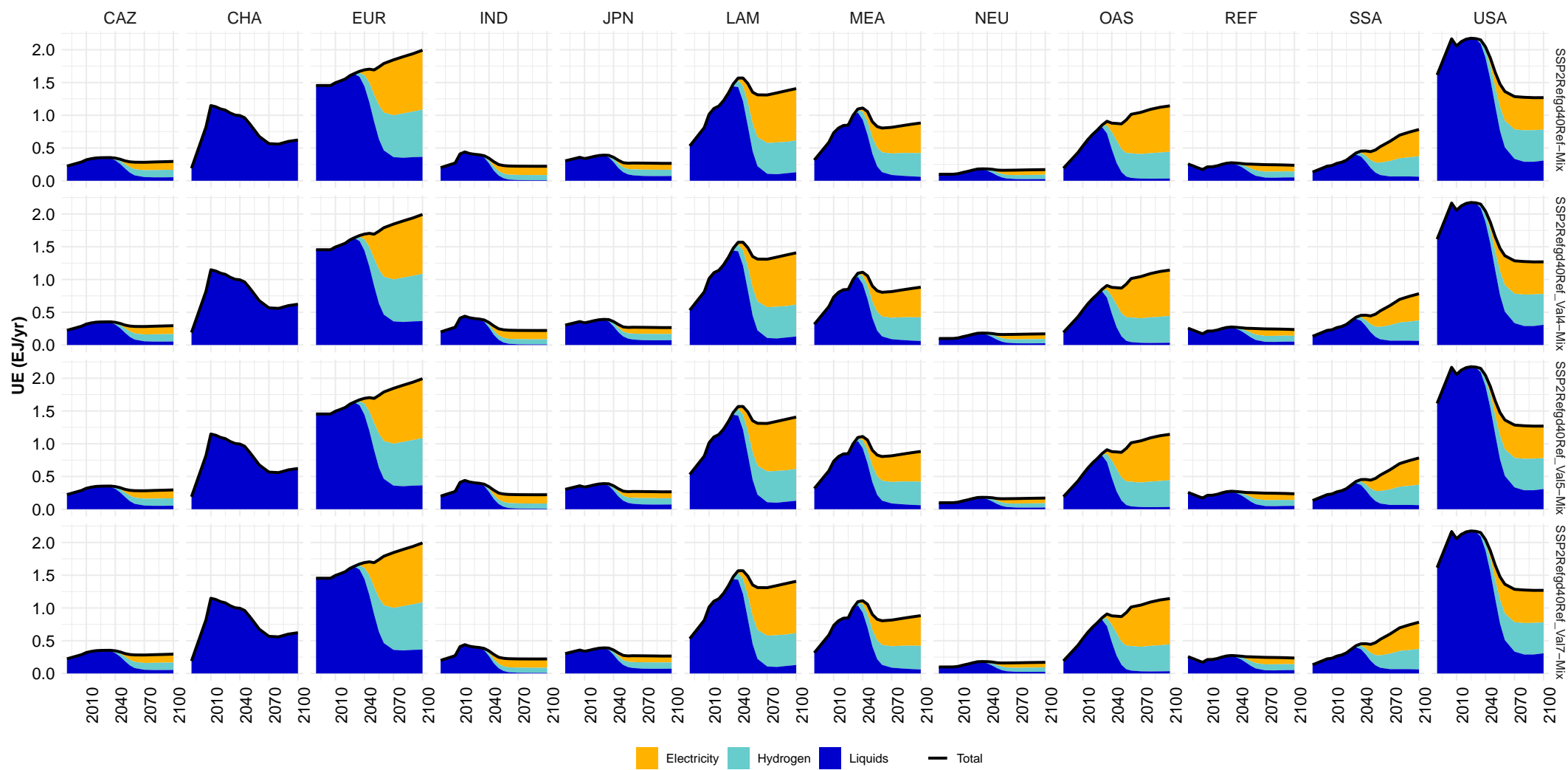


Liquids Hydrogen Electricity



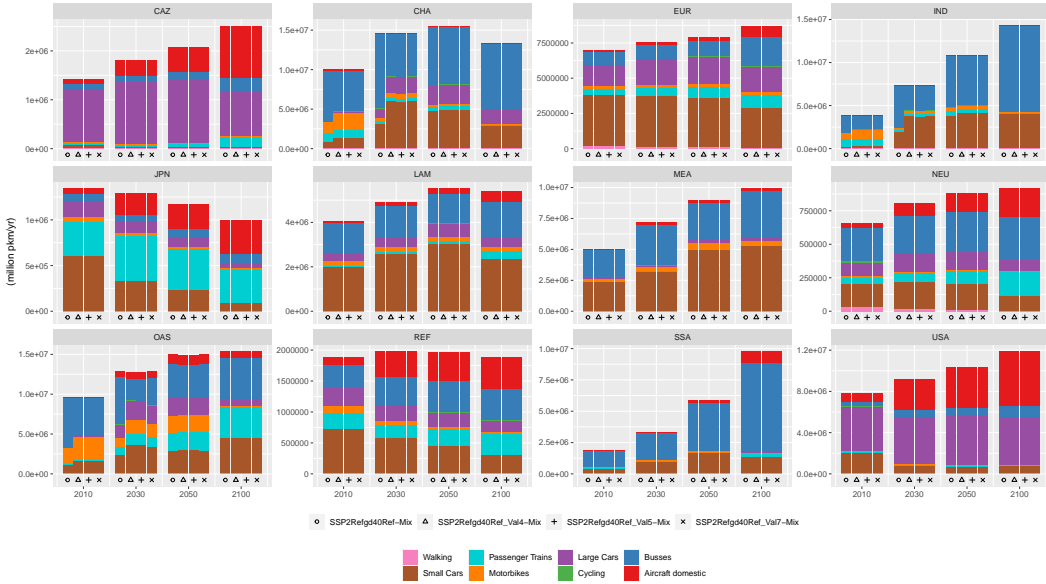
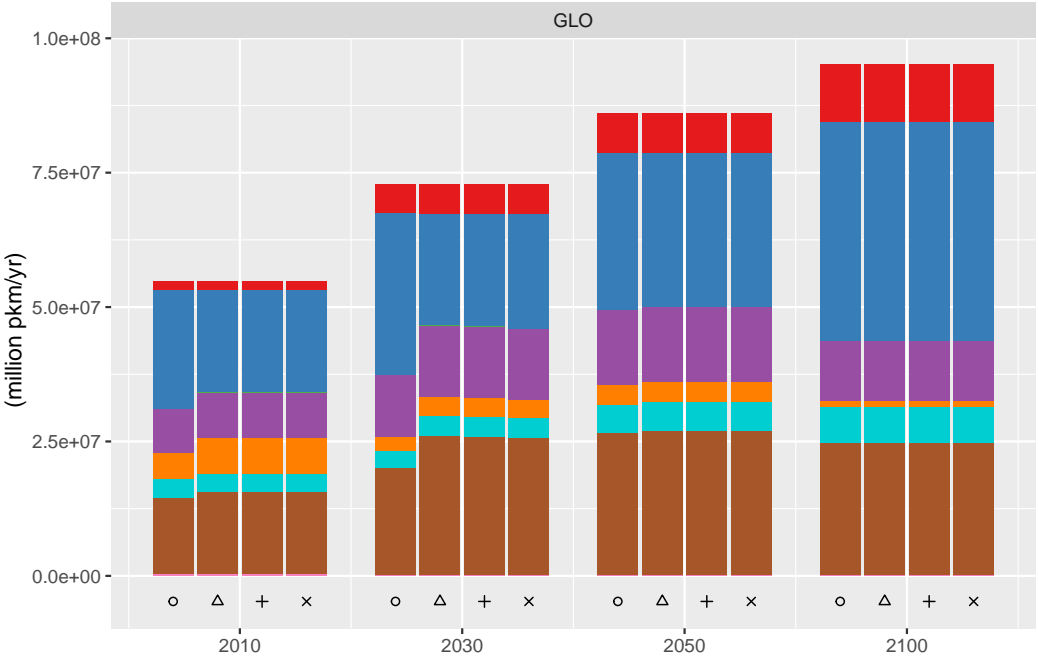
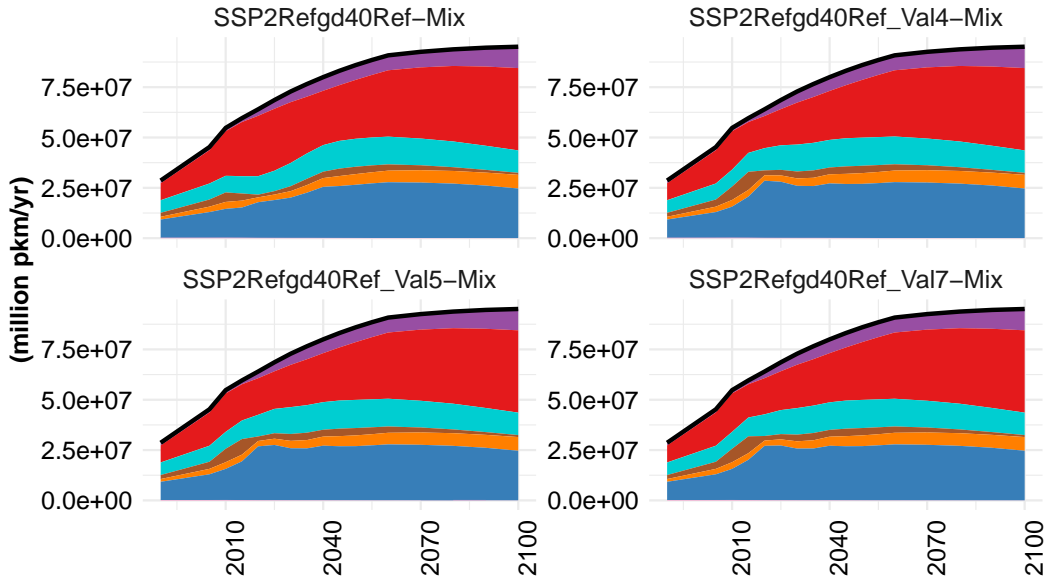
1.5.6 Freight Trucks





2 Energy services

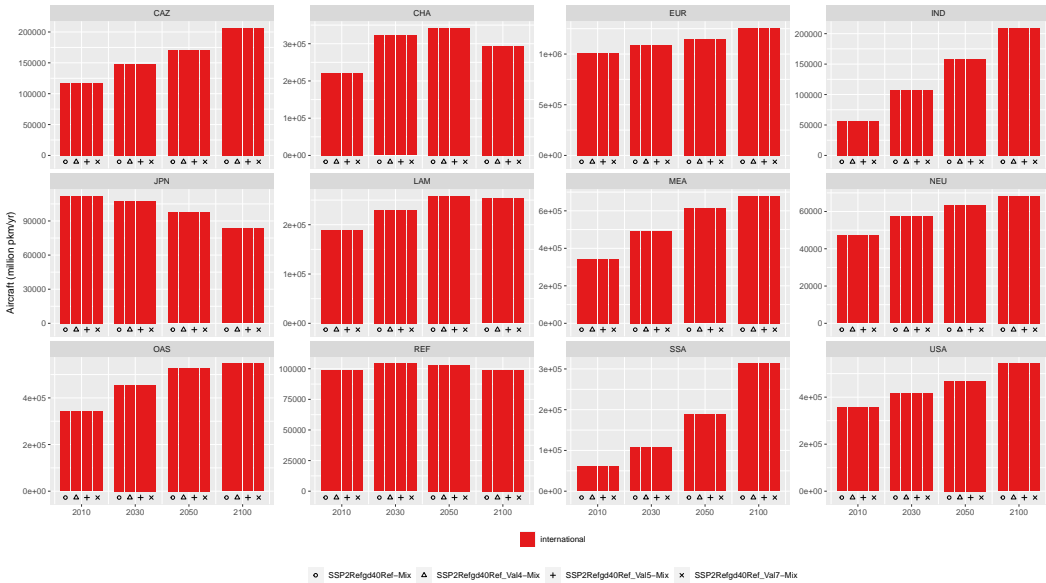
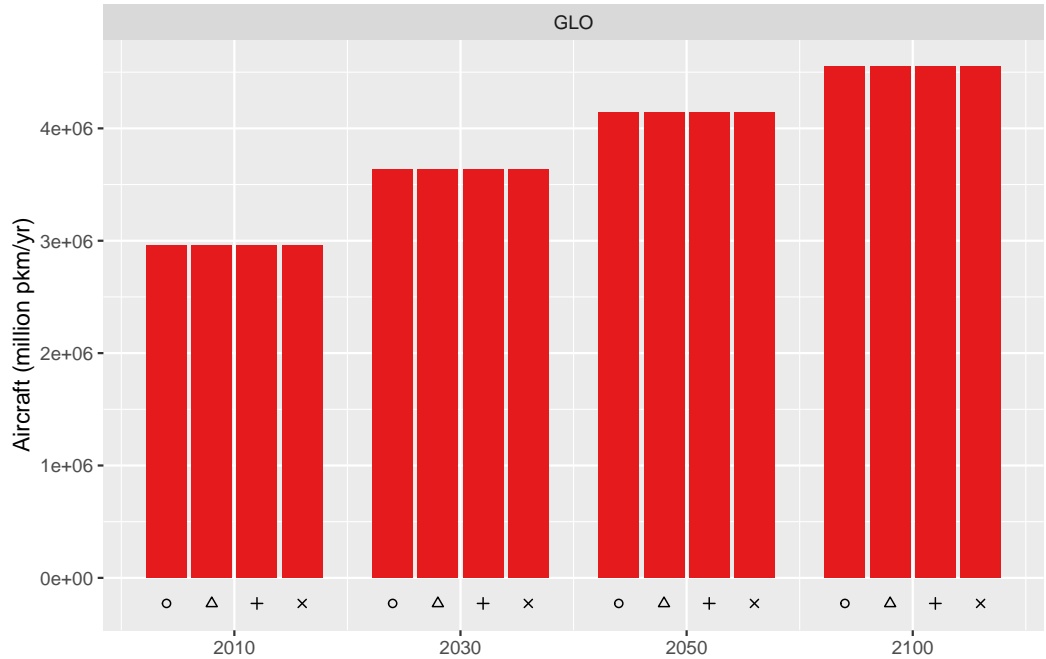
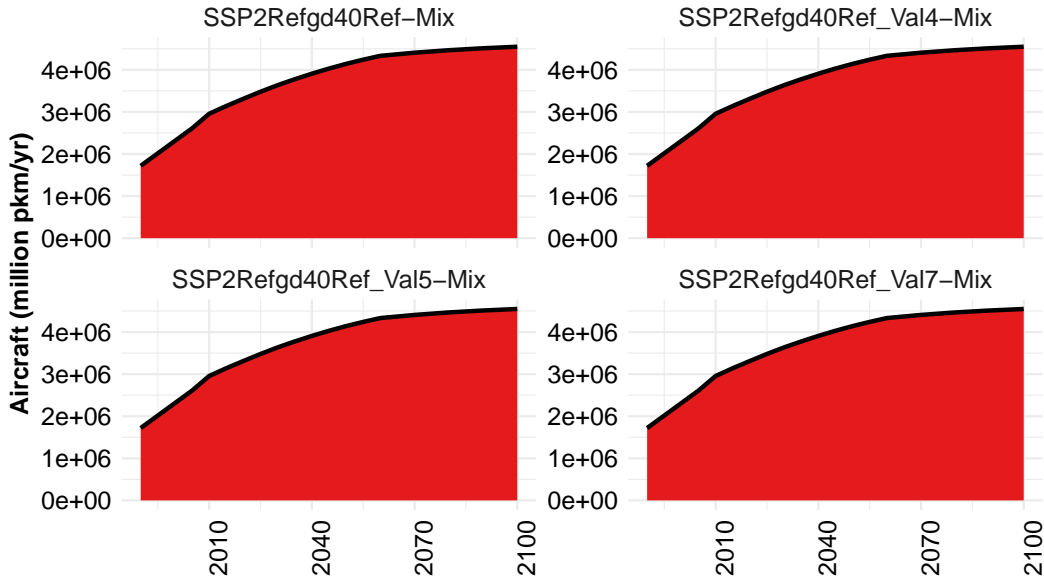
2.1 Passenger without bunkers by vehicle type



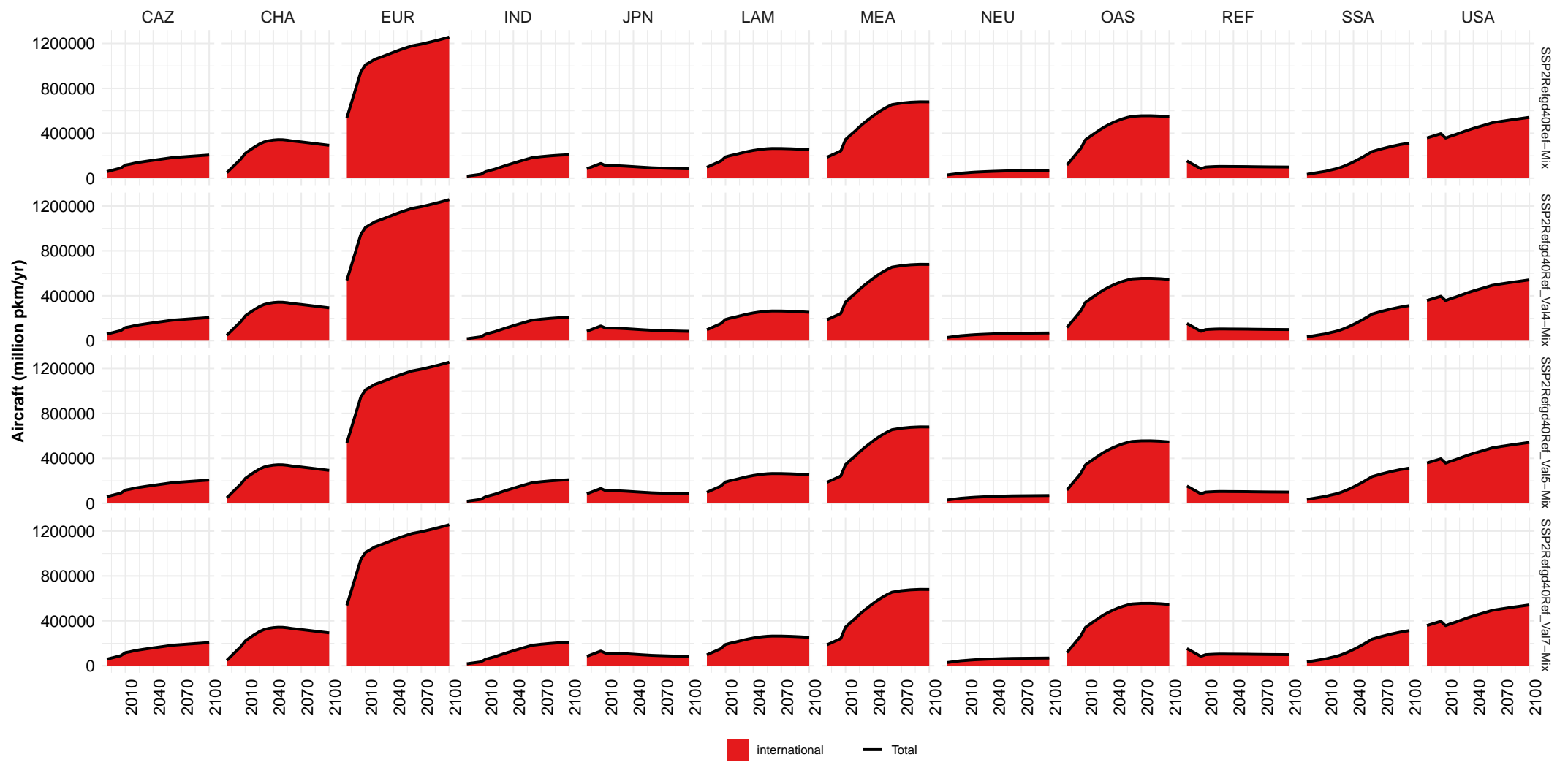




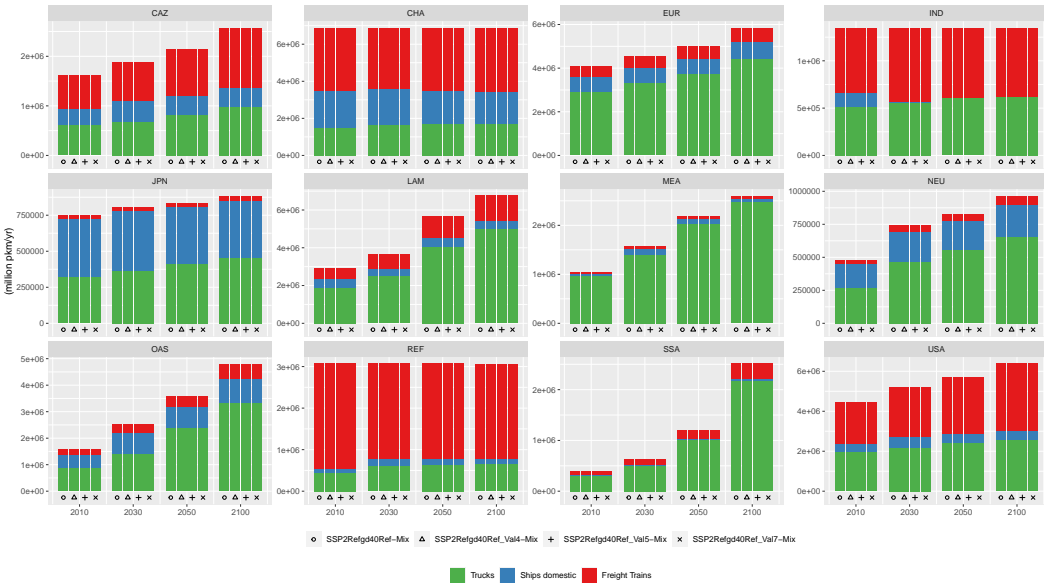
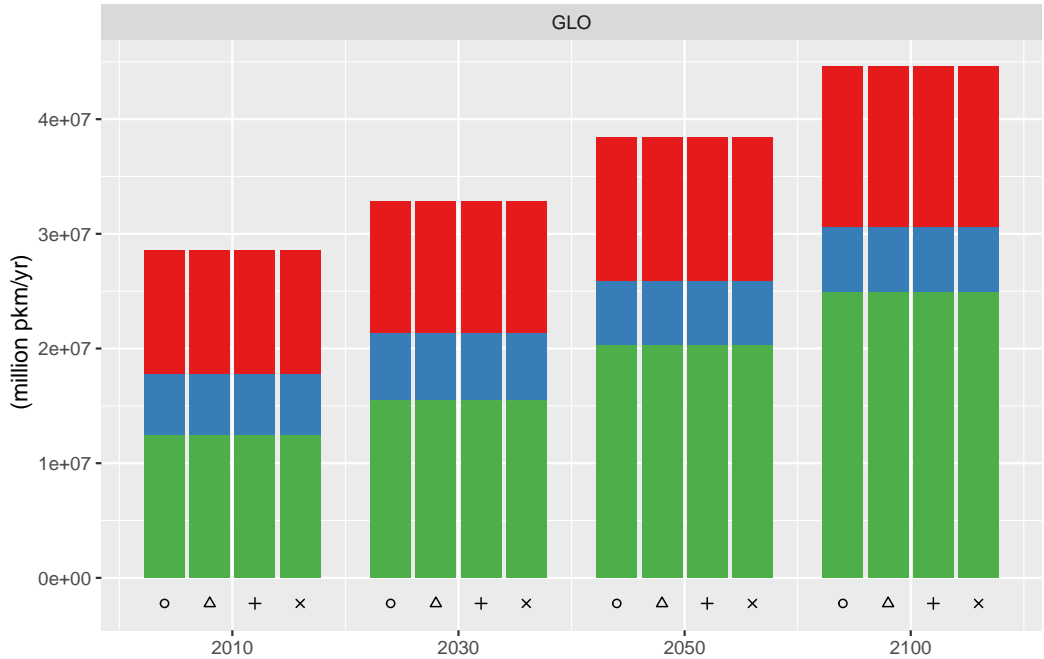
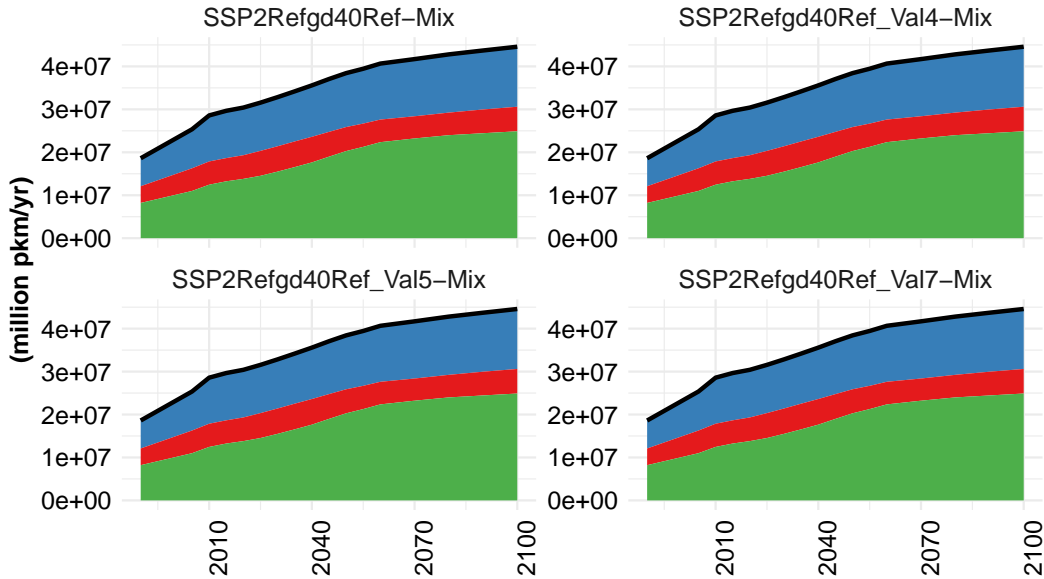
2.2 Passenger bunkers

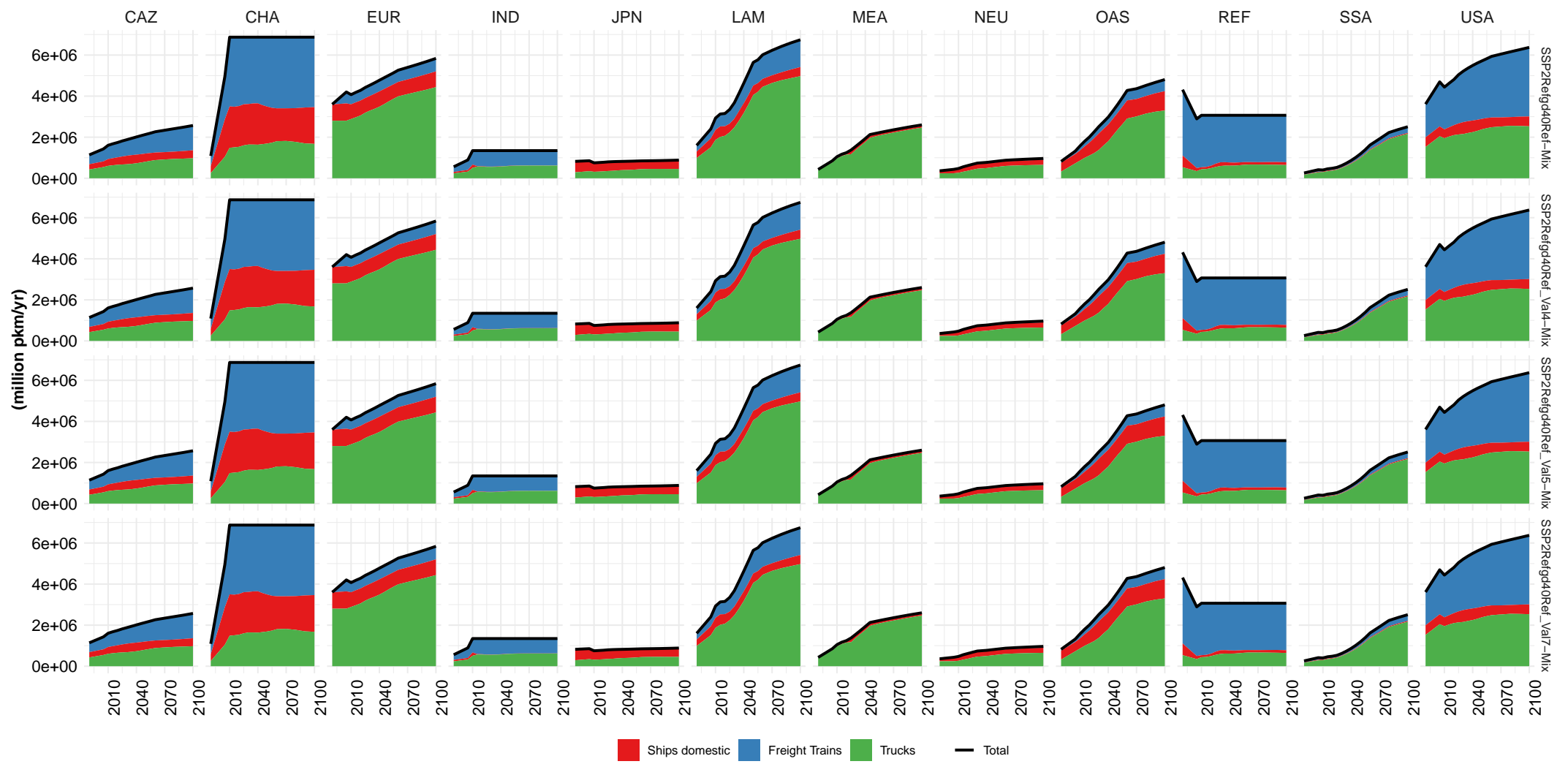


o SSP2Refgd40Ref-Mix Δ SSP2Refgd40Ref\_Val4-Mix + SSP2Refgd40Ref\_Val5-Mix x SSP2Refgd40Ref\_Val7-Mix

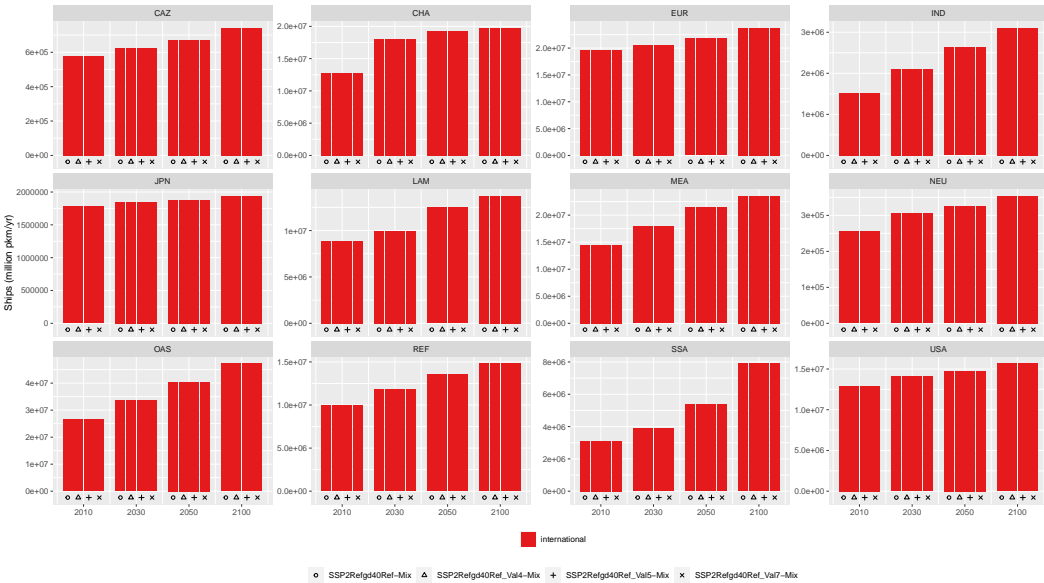
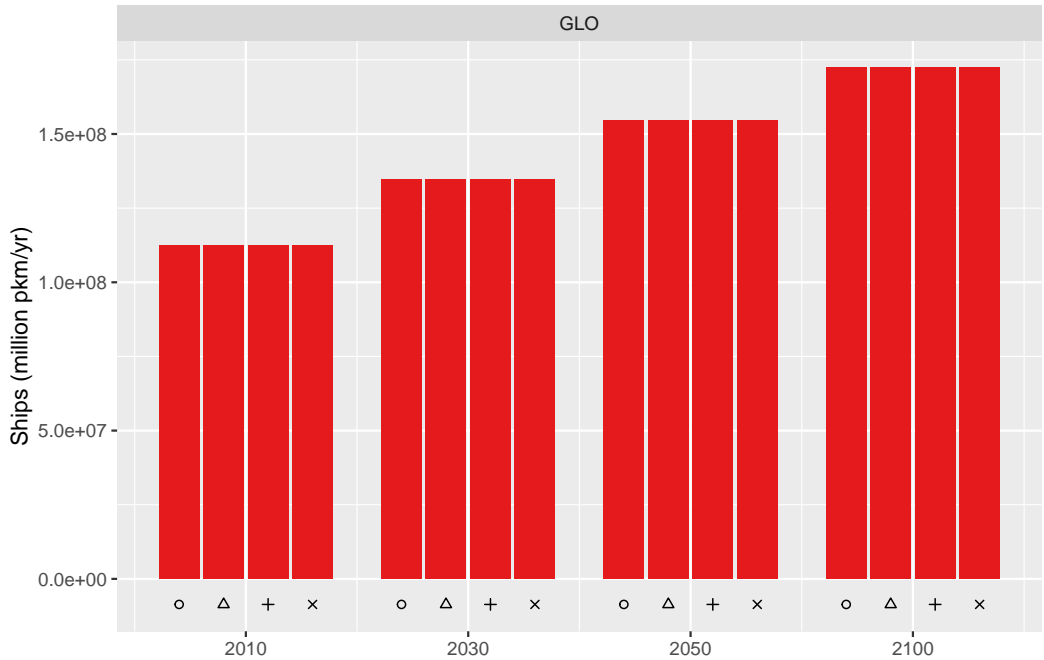
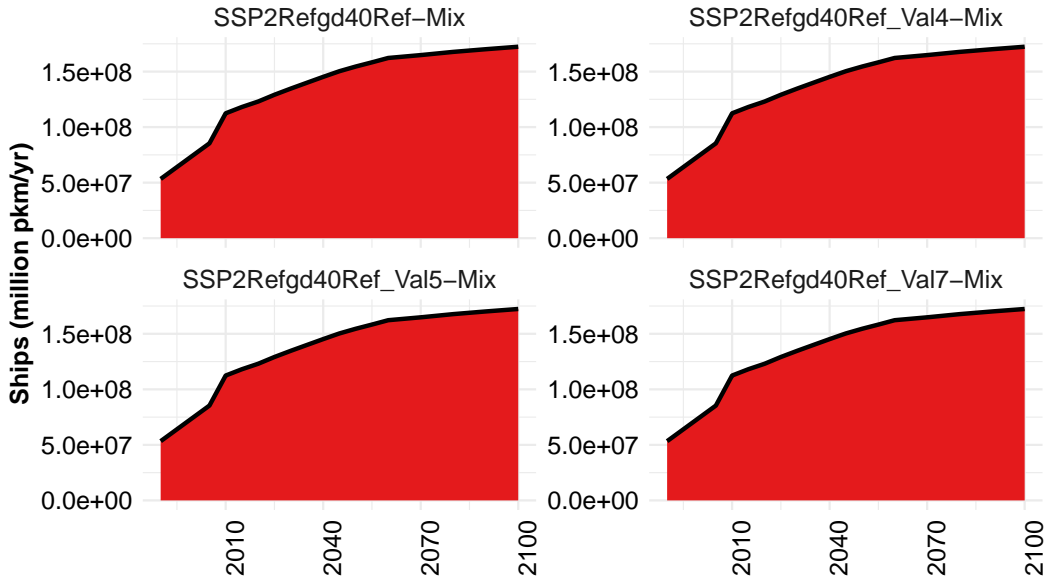


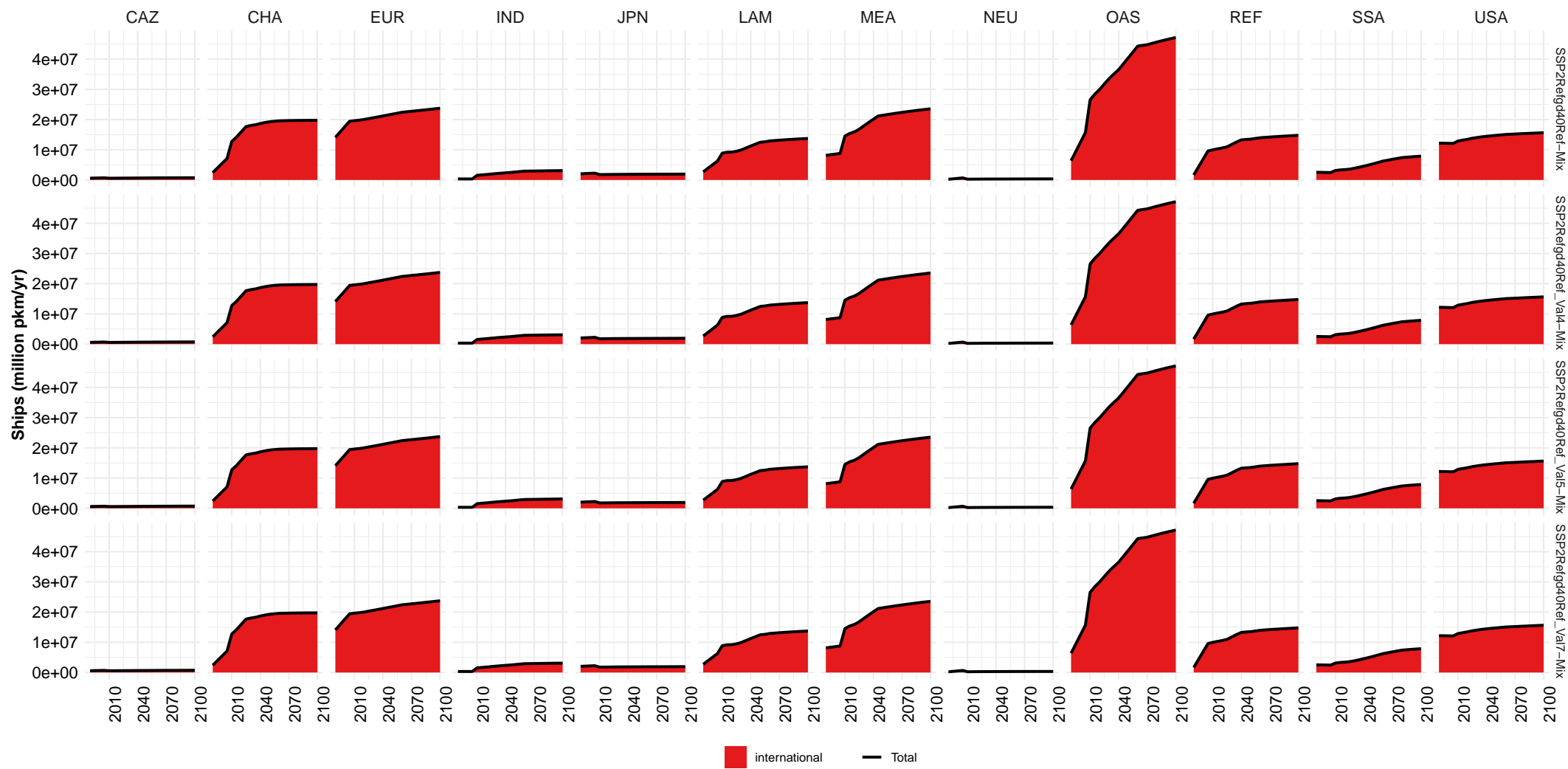
2.3 Freight without bunkers by vehicle type



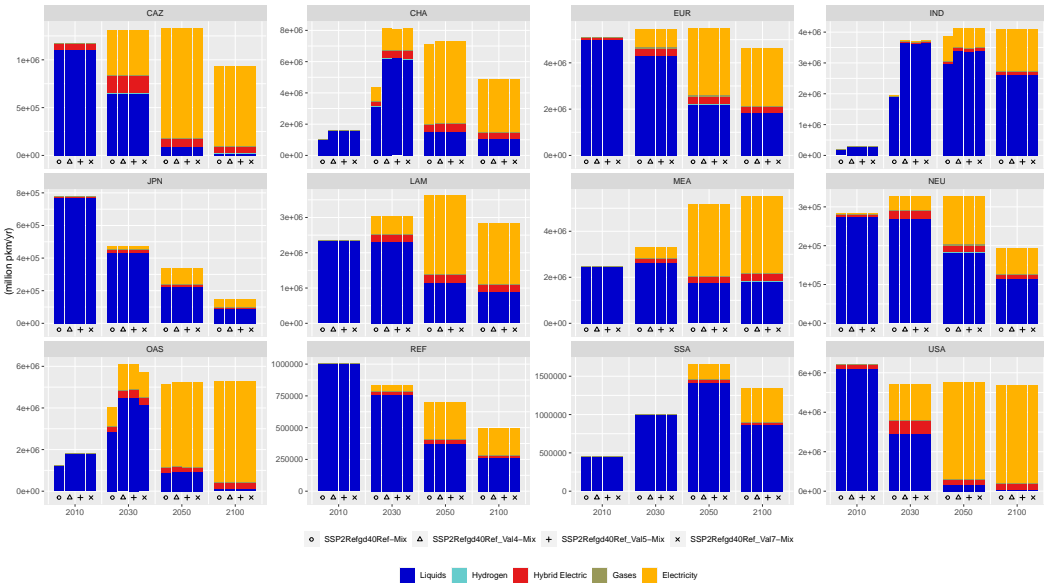
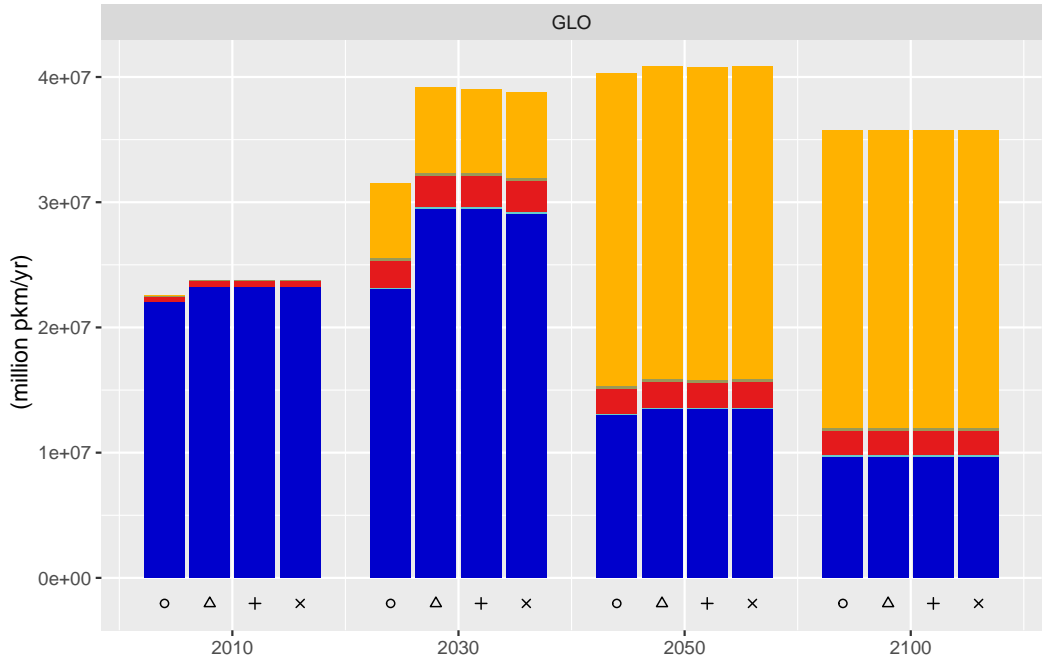
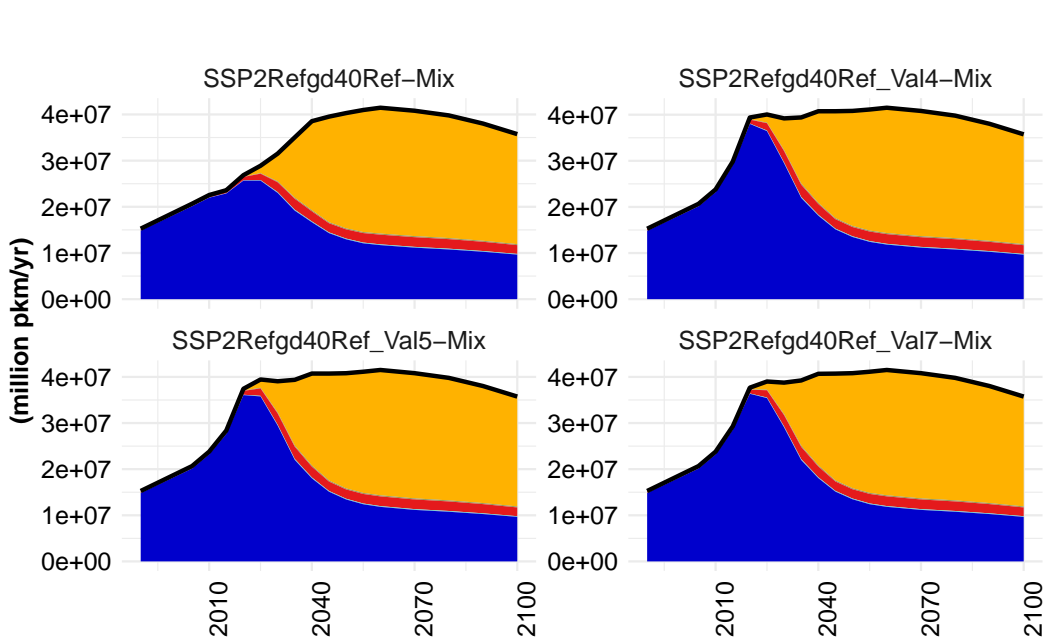


2.4 Freight bunkers by vehicle type

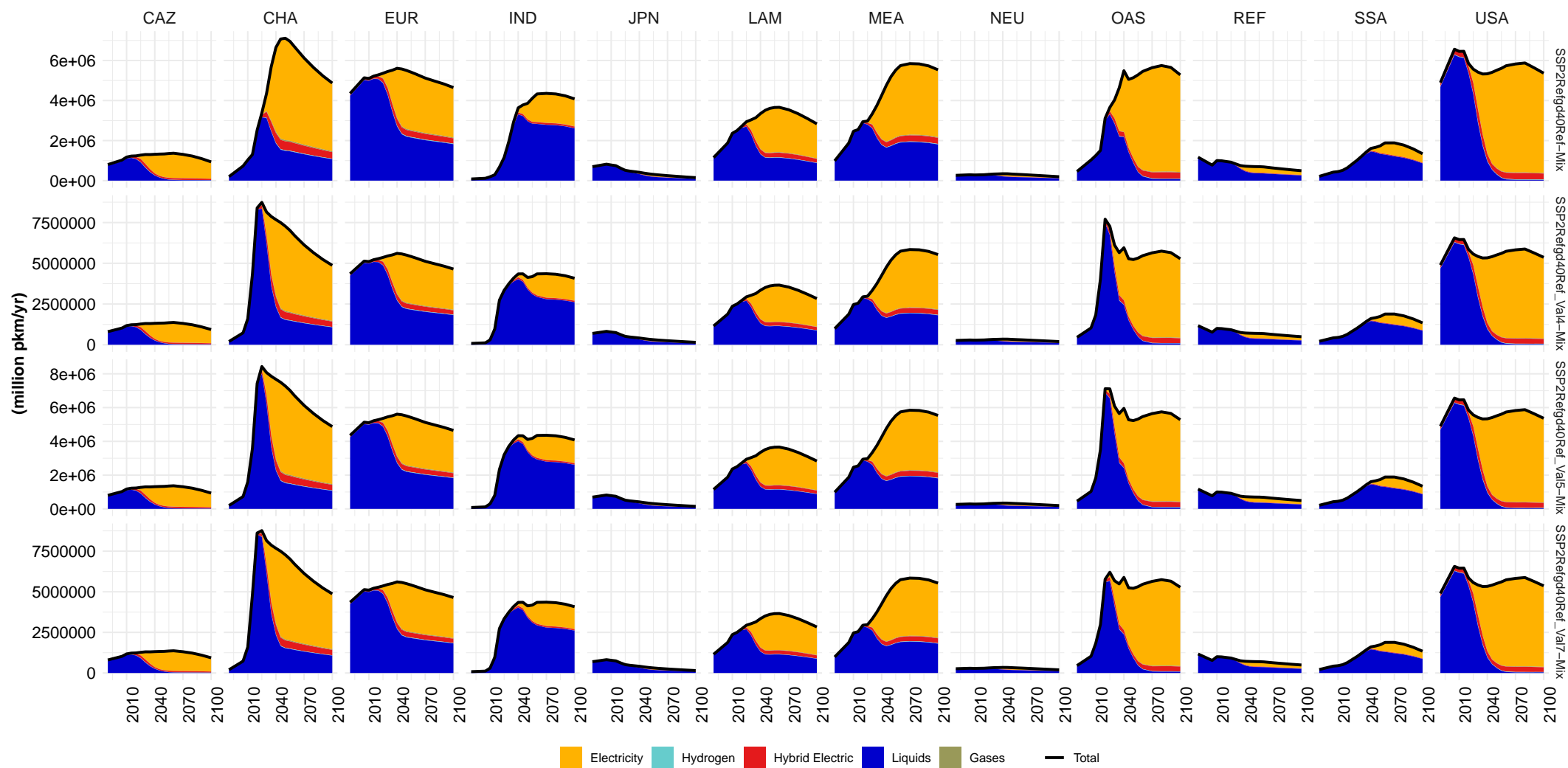




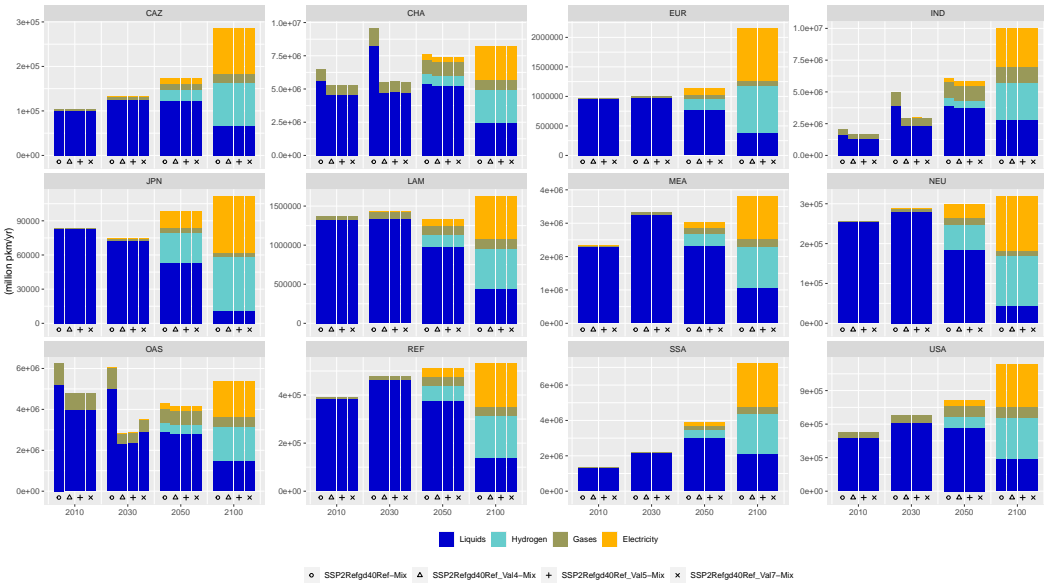
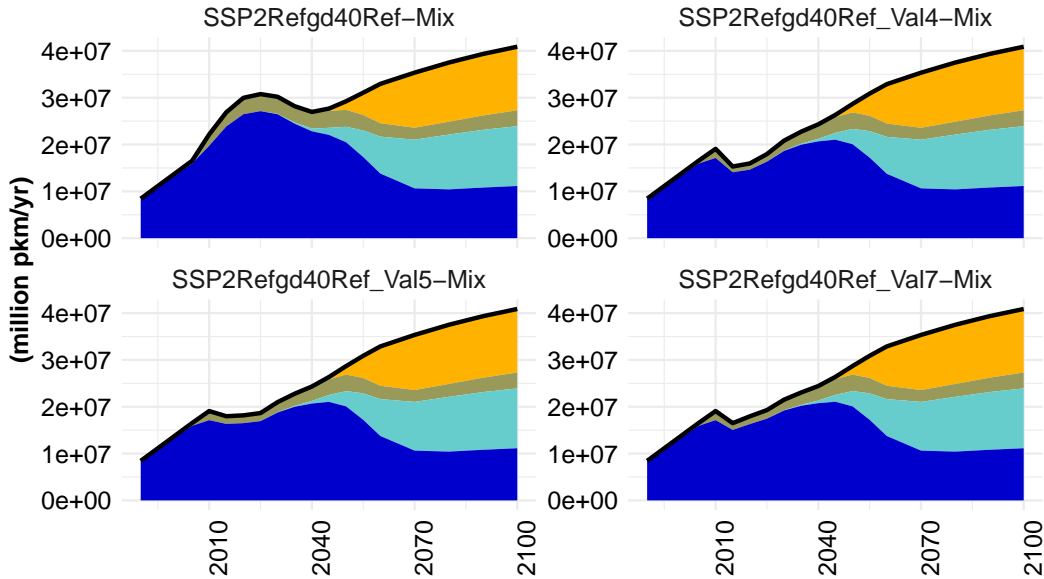
2.5 LDV's by technology

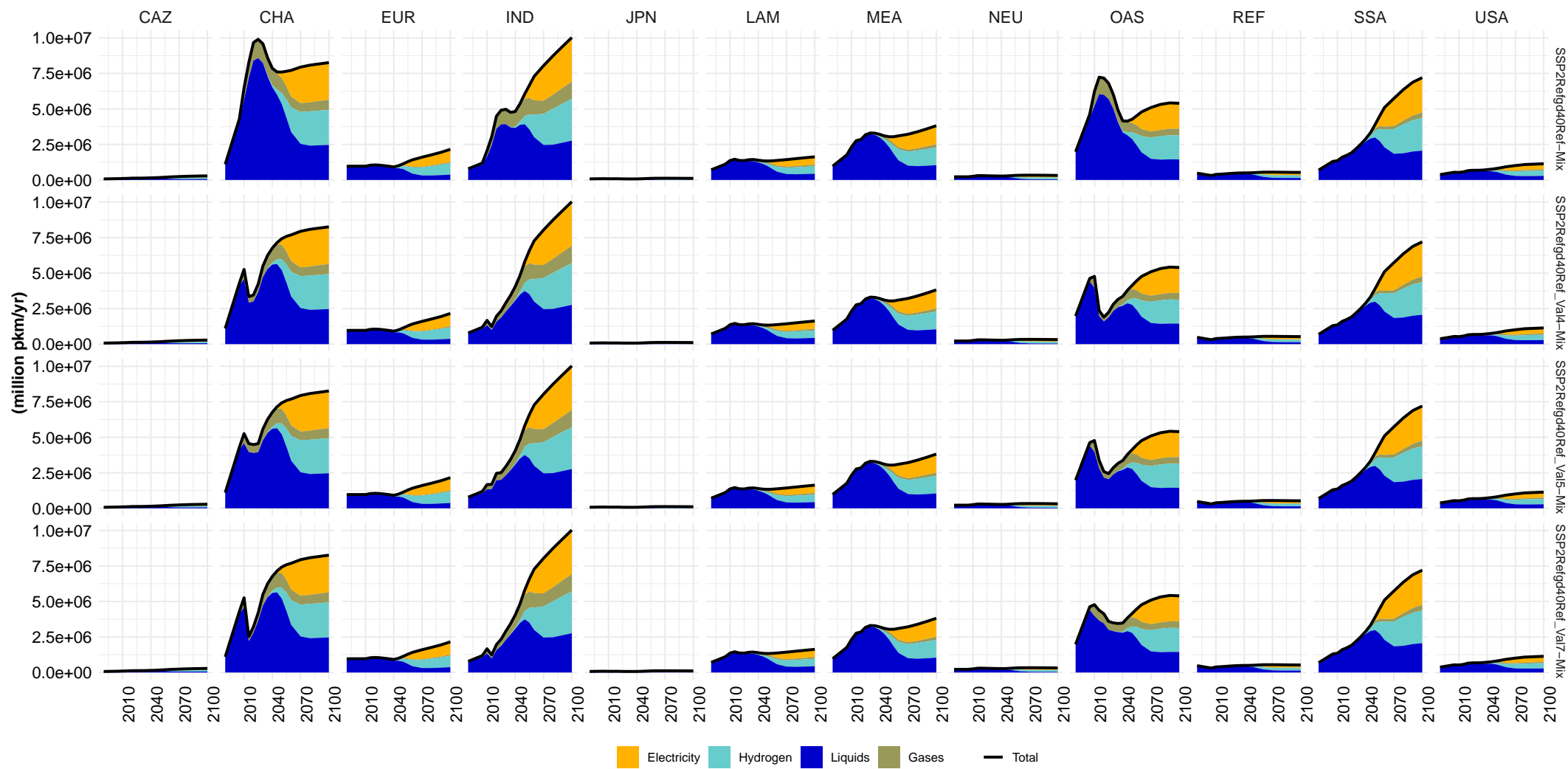




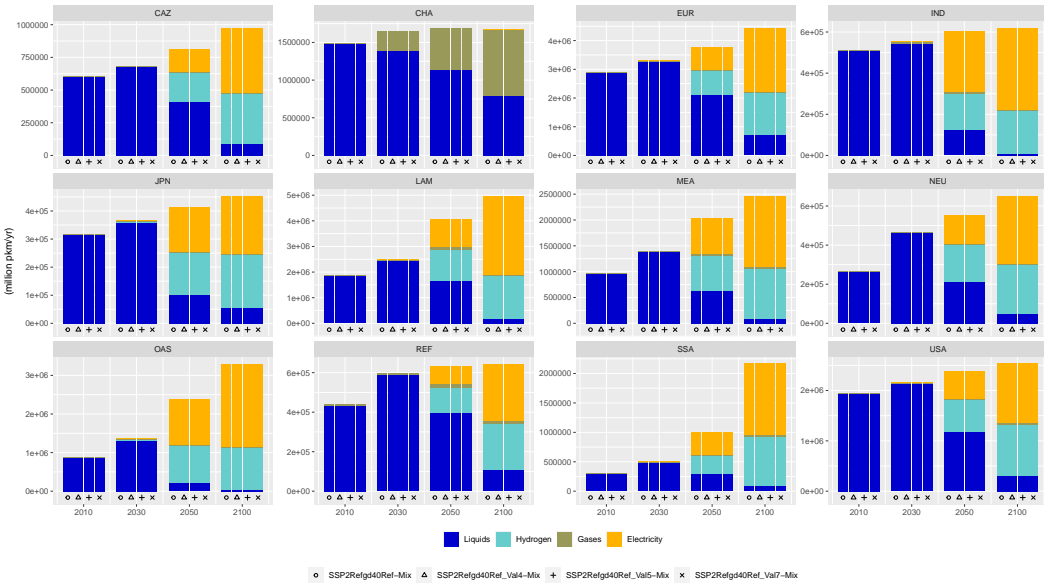
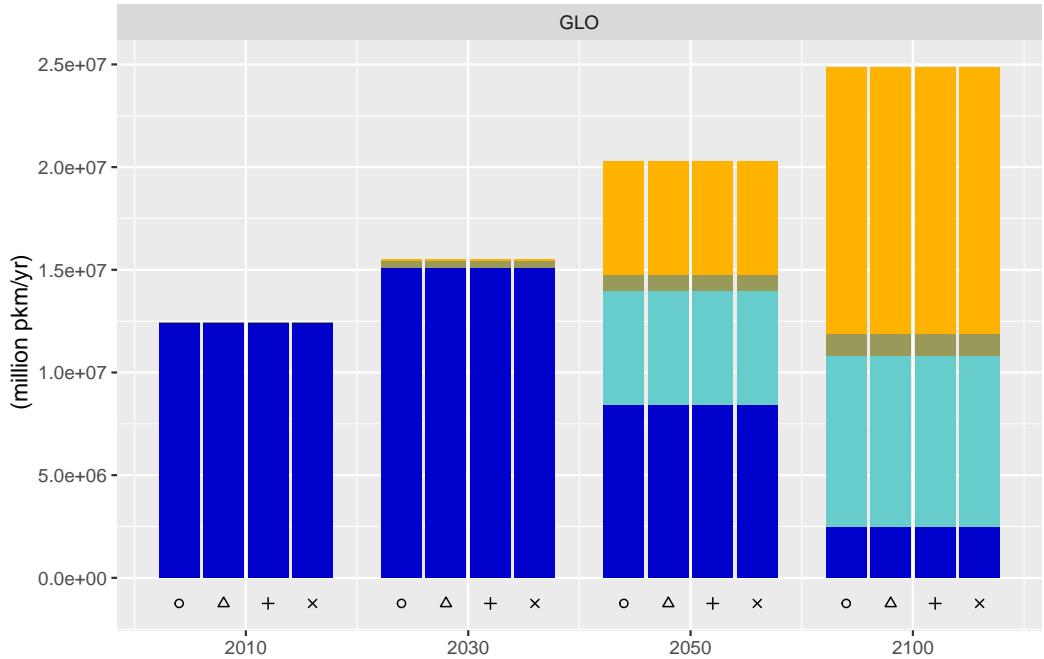
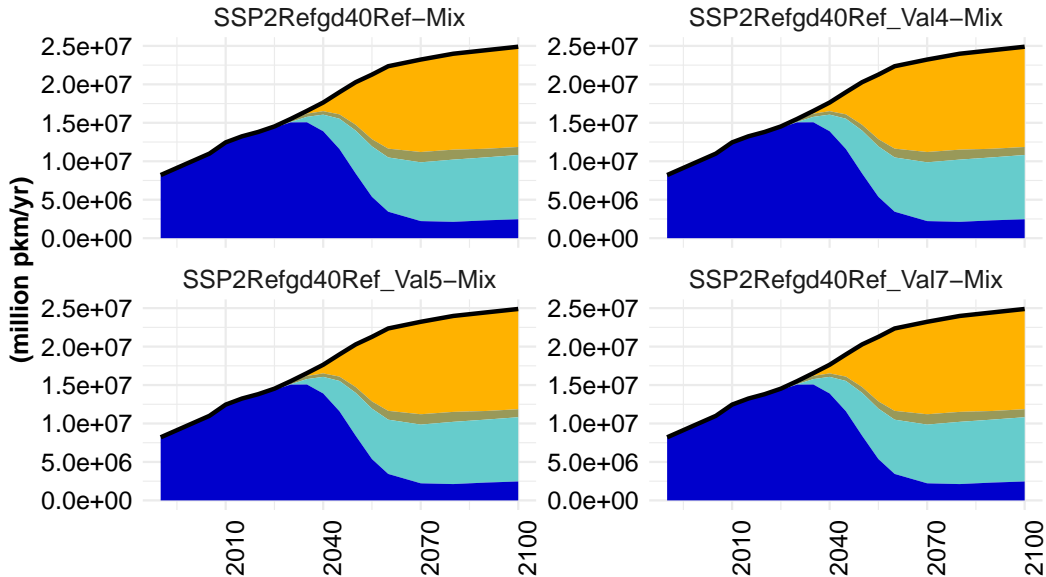


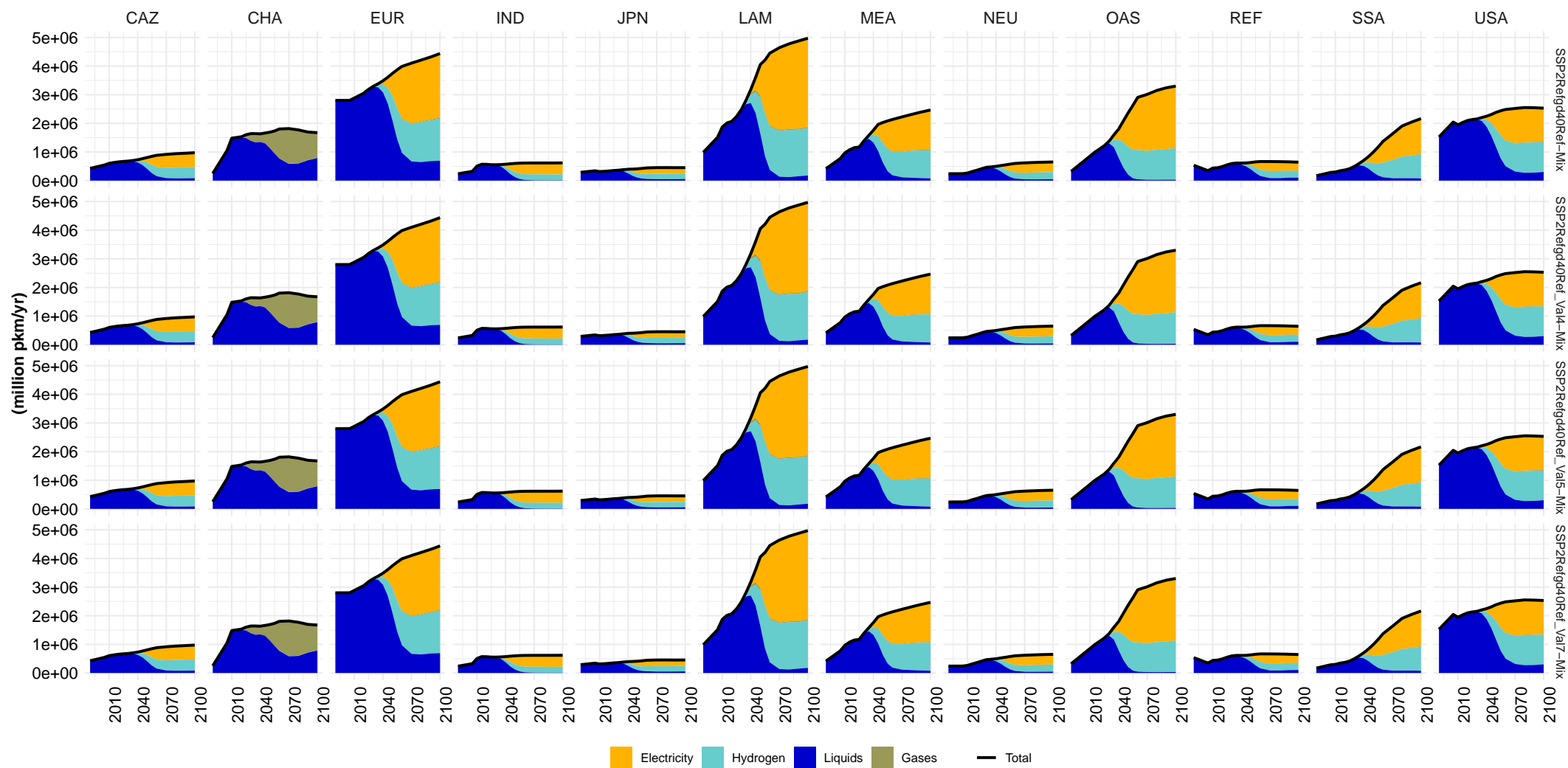
2.6 Busses by technology



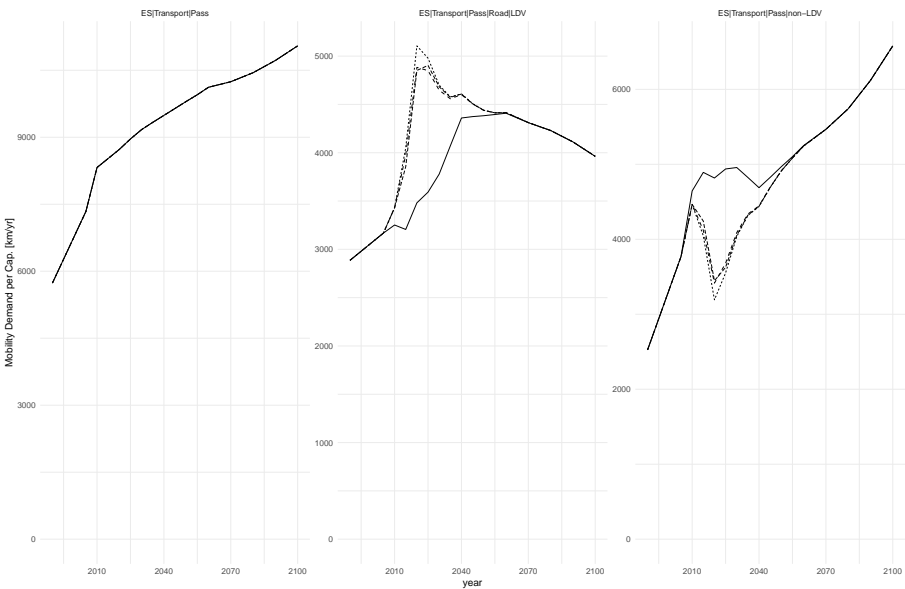


2.7 Trucks by technology

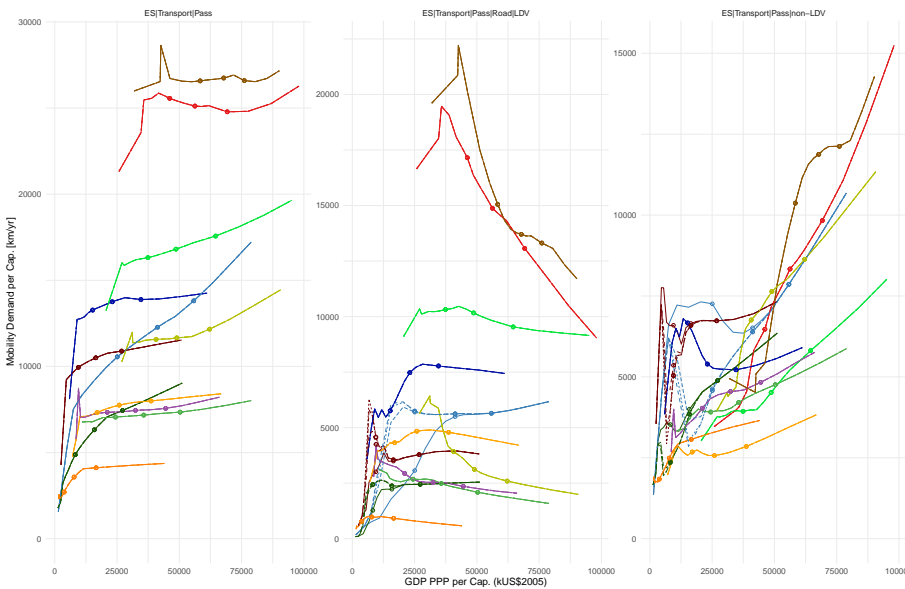
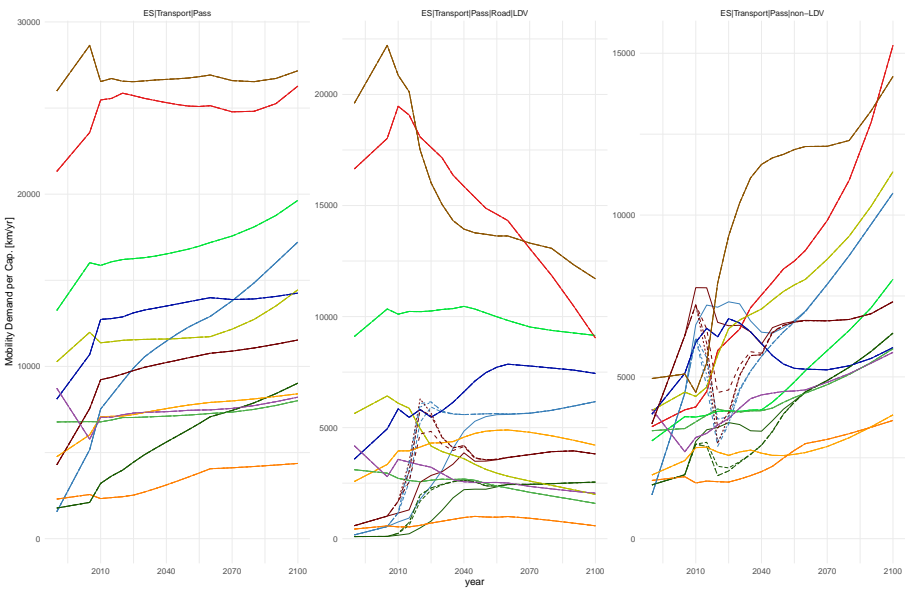
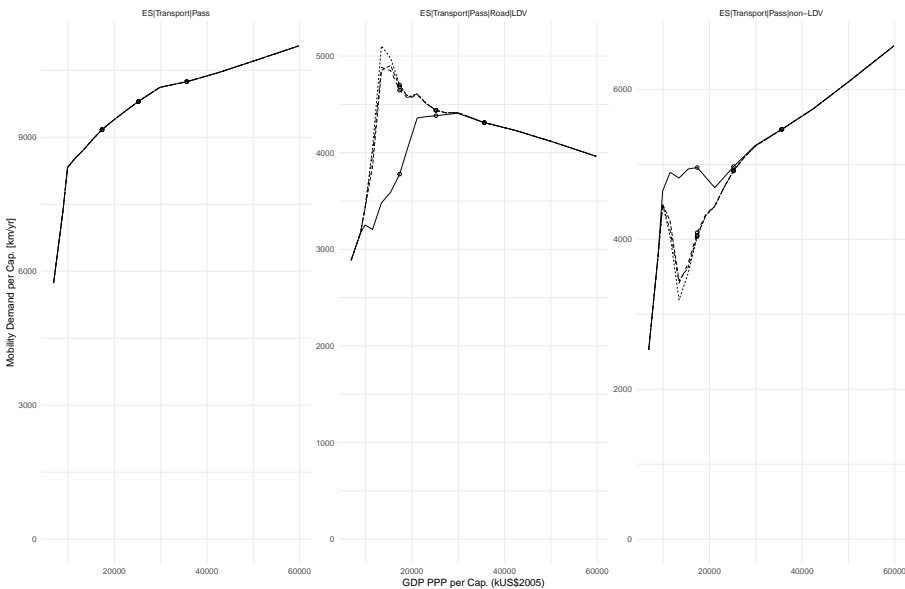




2.7.1 Energy Services for Passenger Transport (per Capita, year)

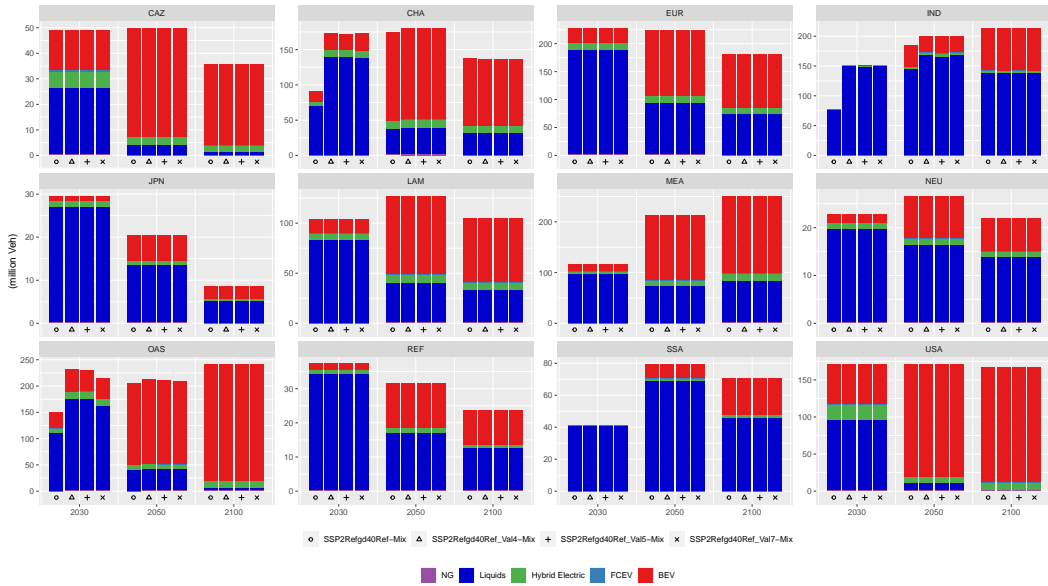
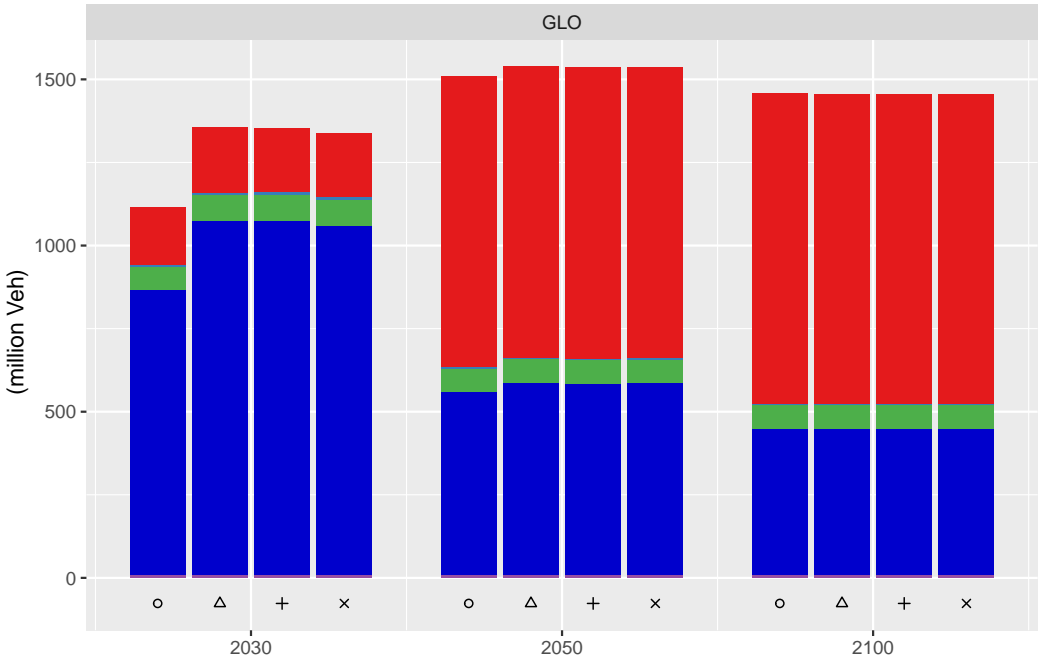
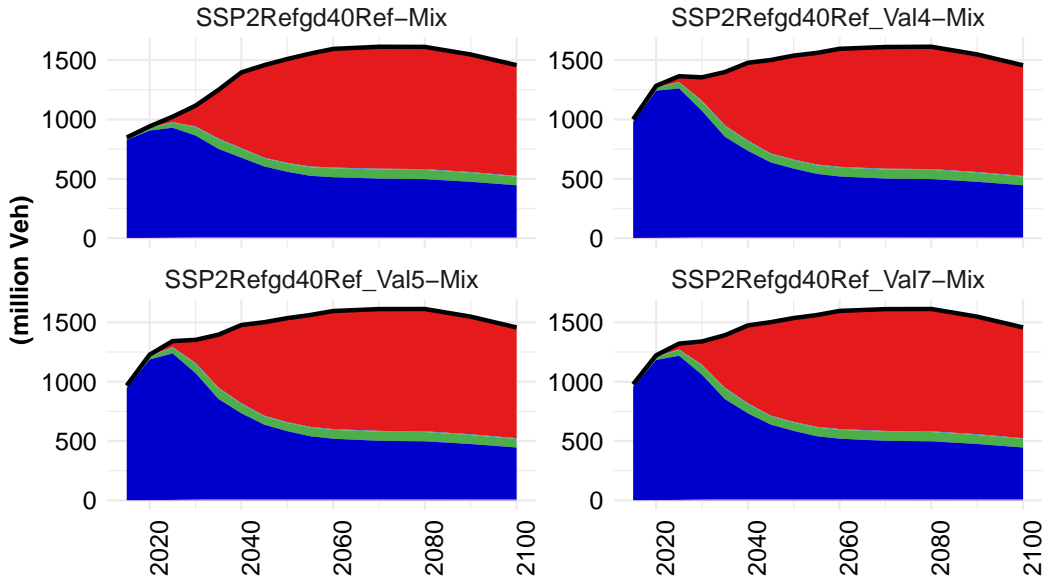


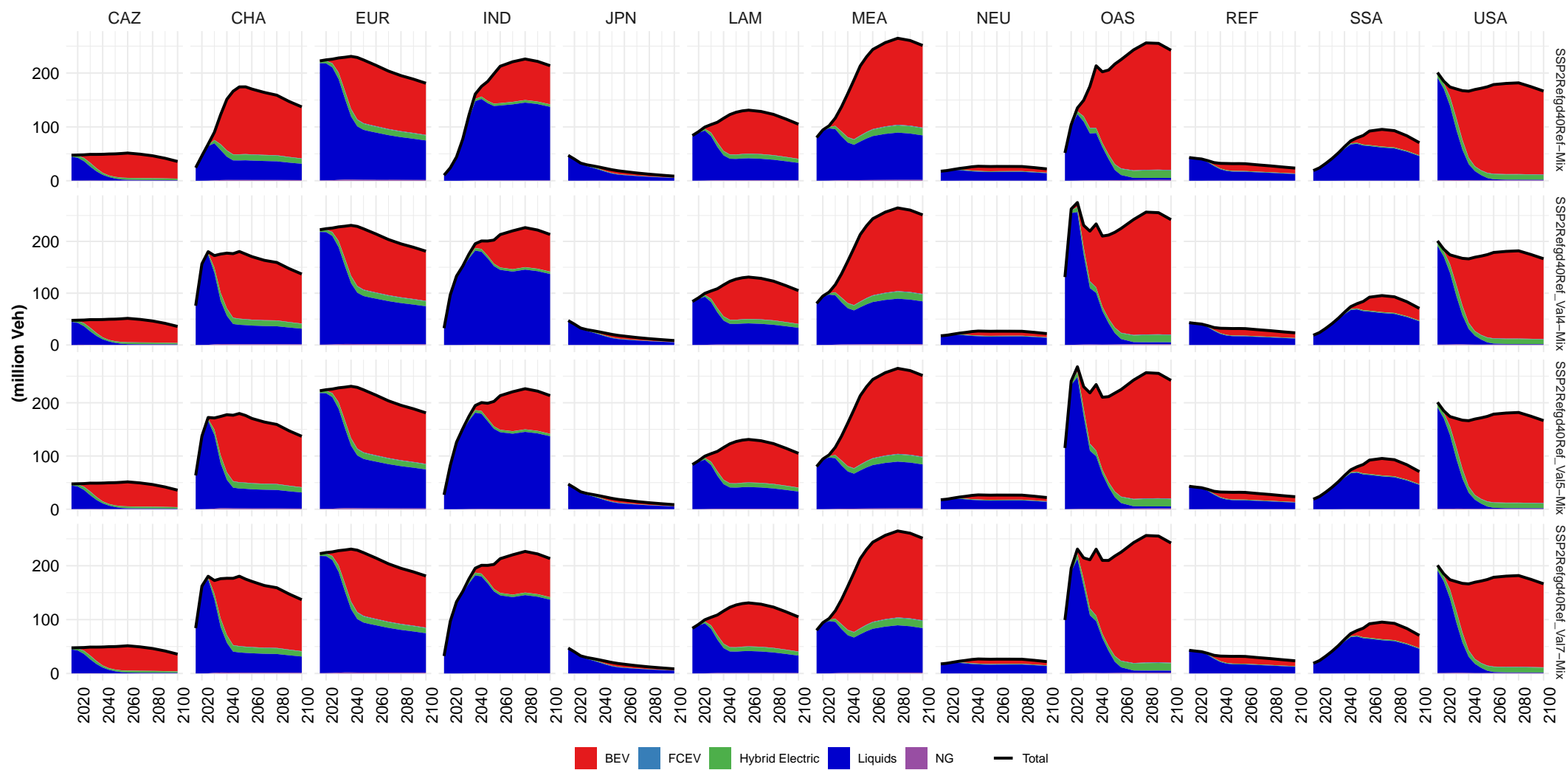
2.7.2 Energy Services for Passanger Transport (per Capita, GDP)



3 LDV stock and sales

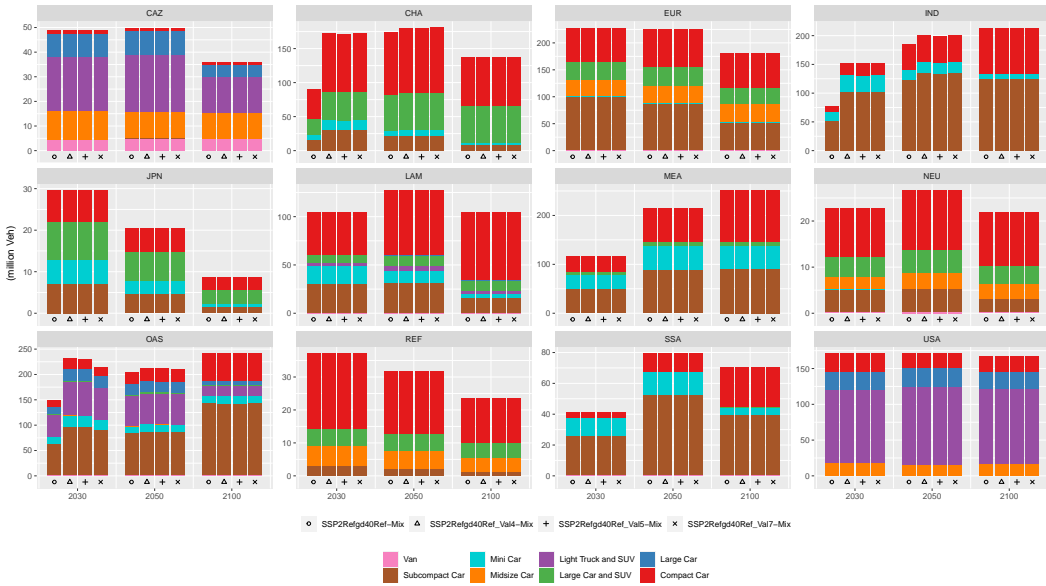
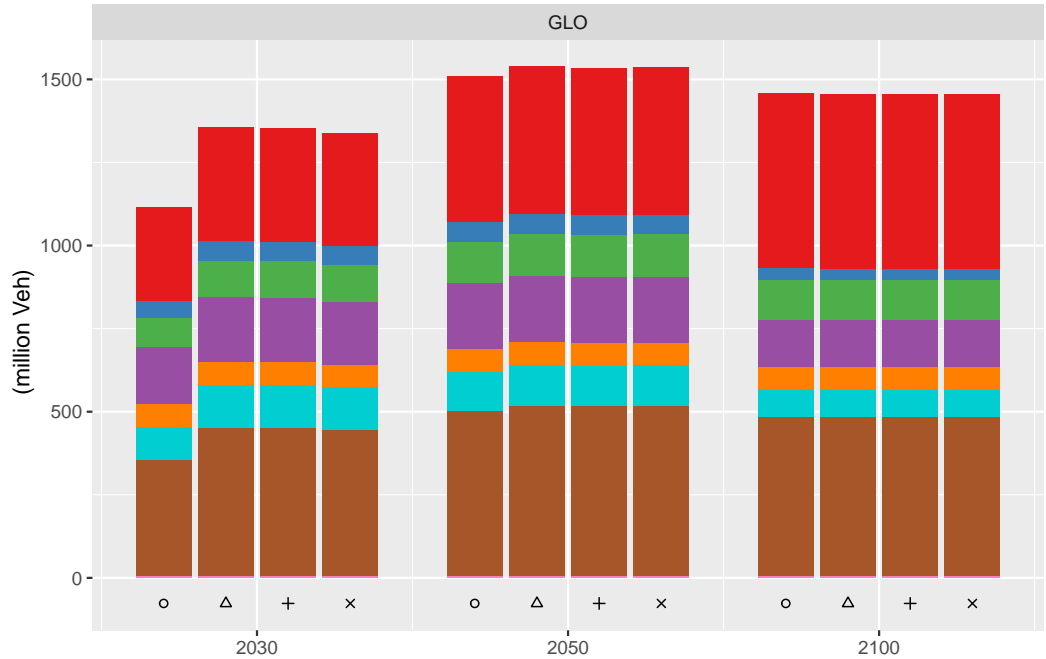
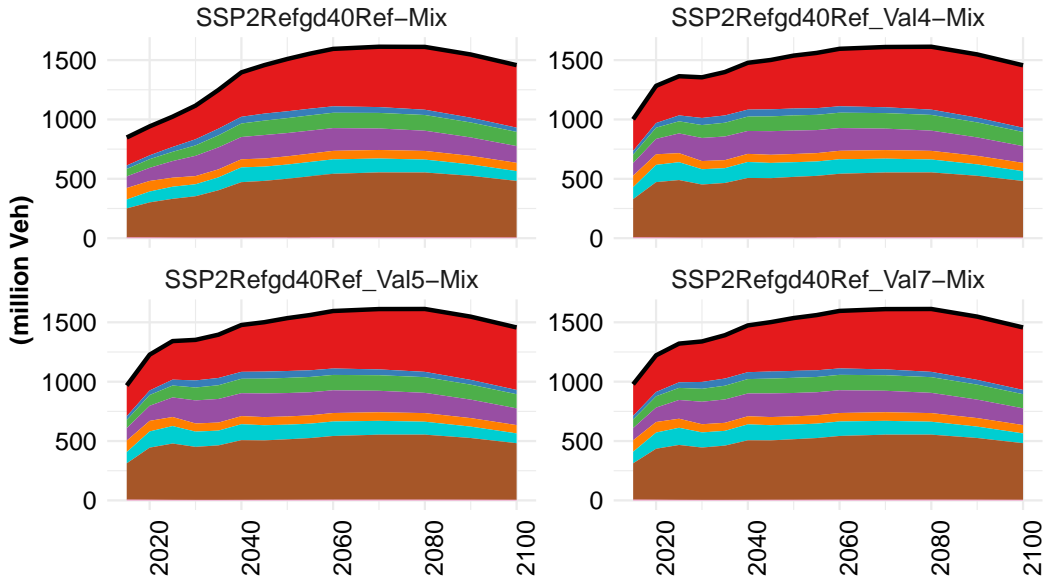
3.1 LDV stock by technology

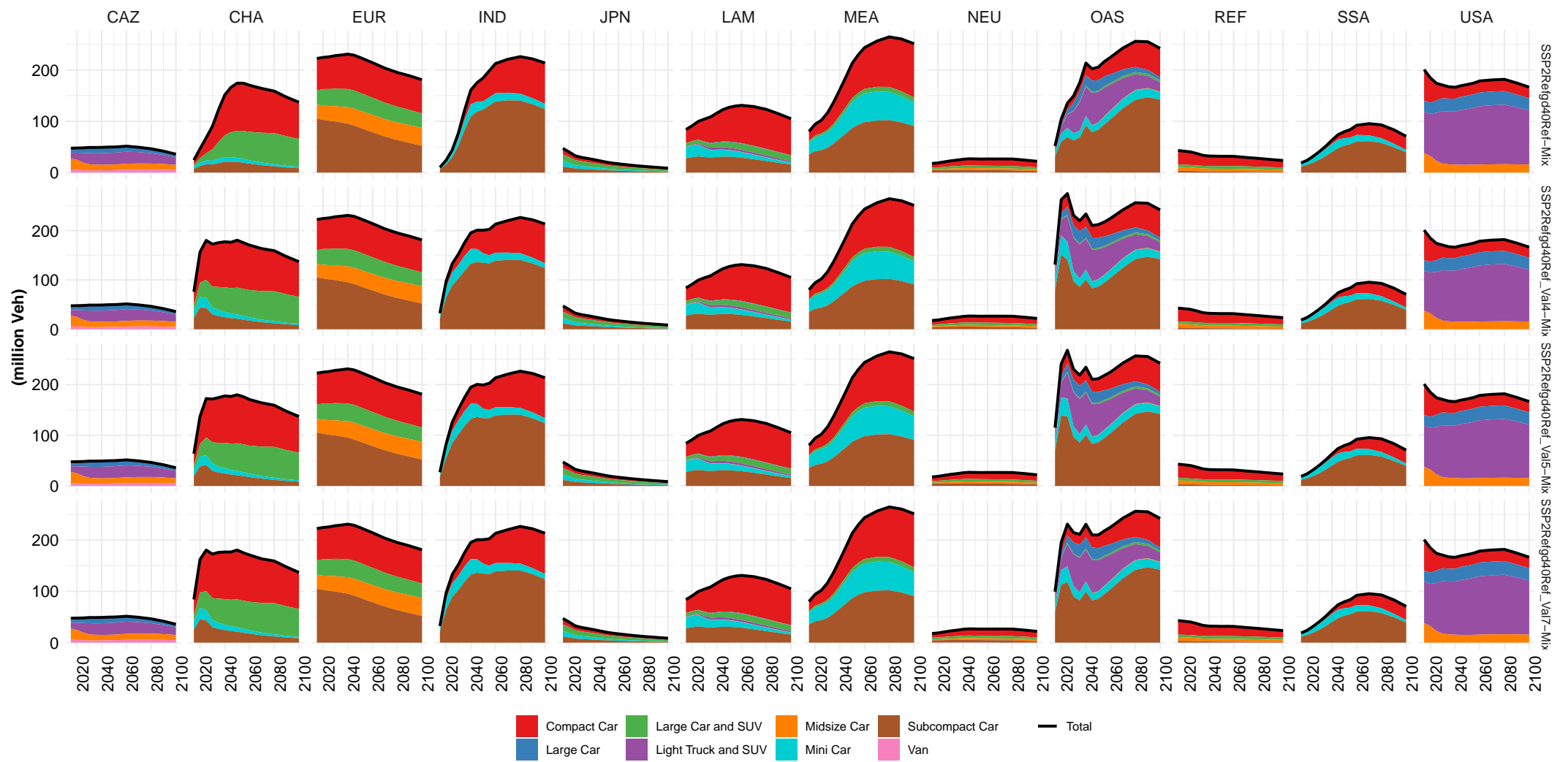




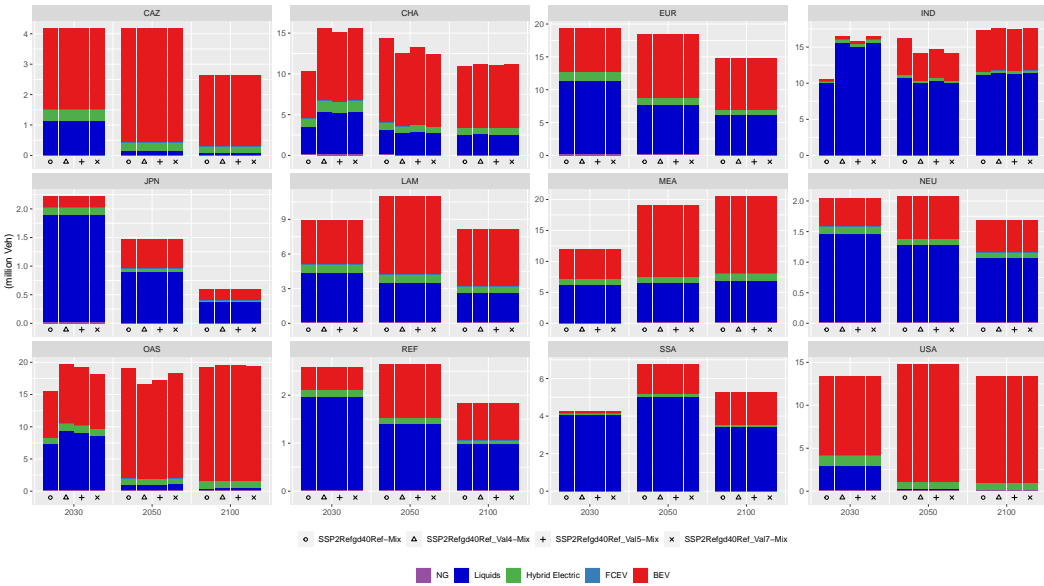
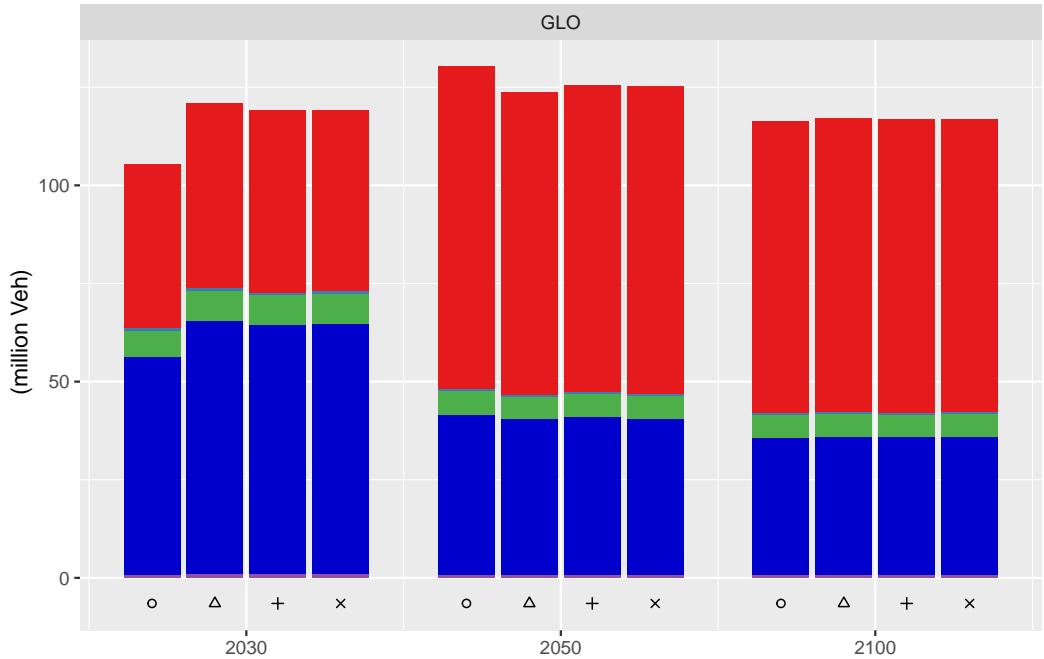
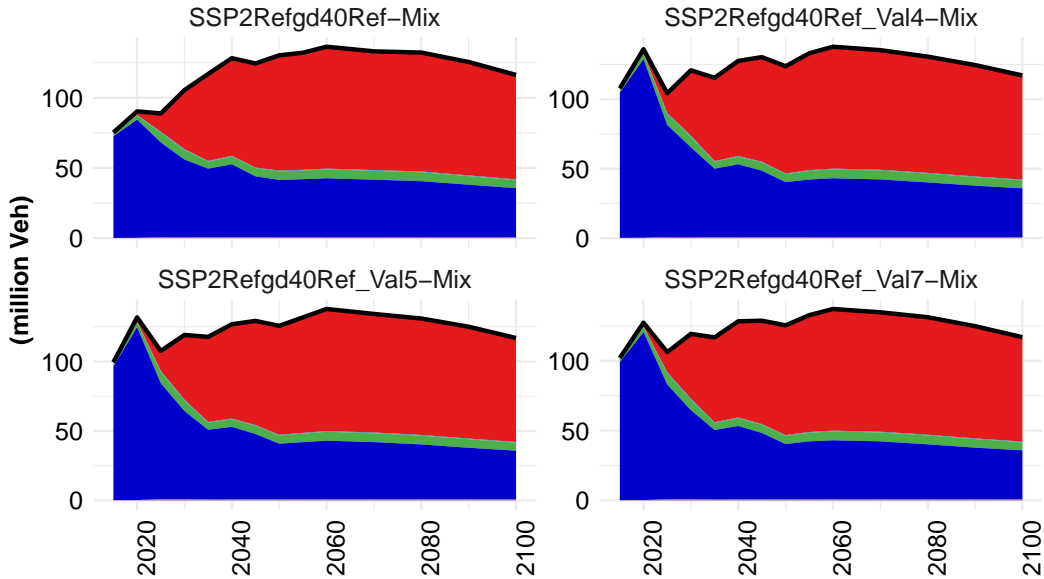


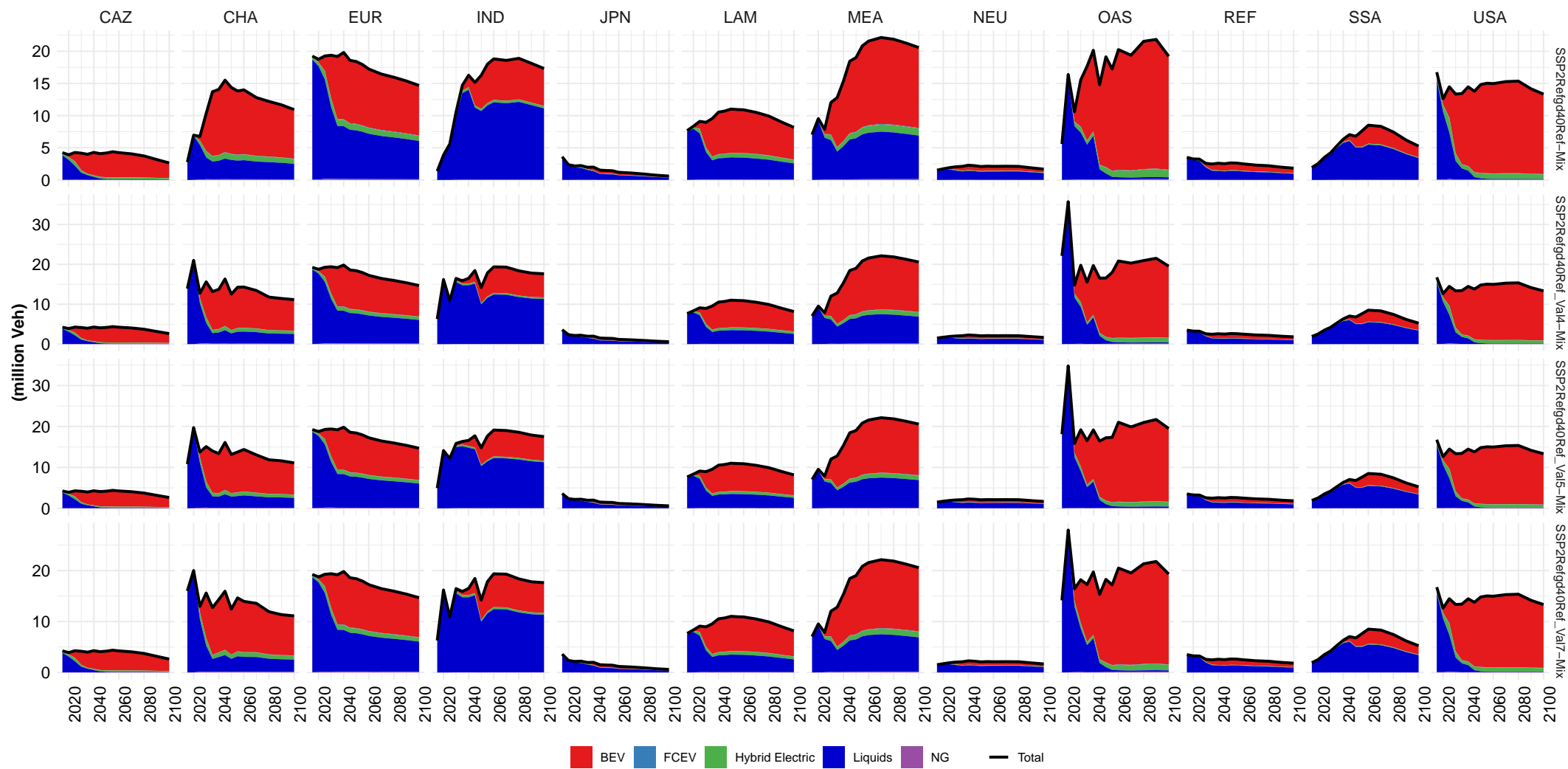
3.1.1 LDV stock by vehicle type



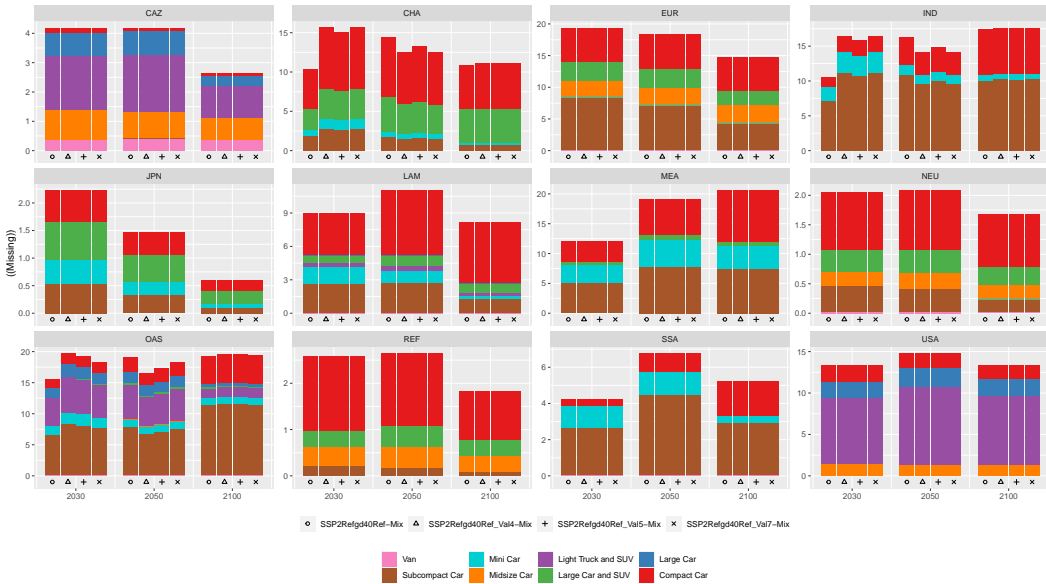
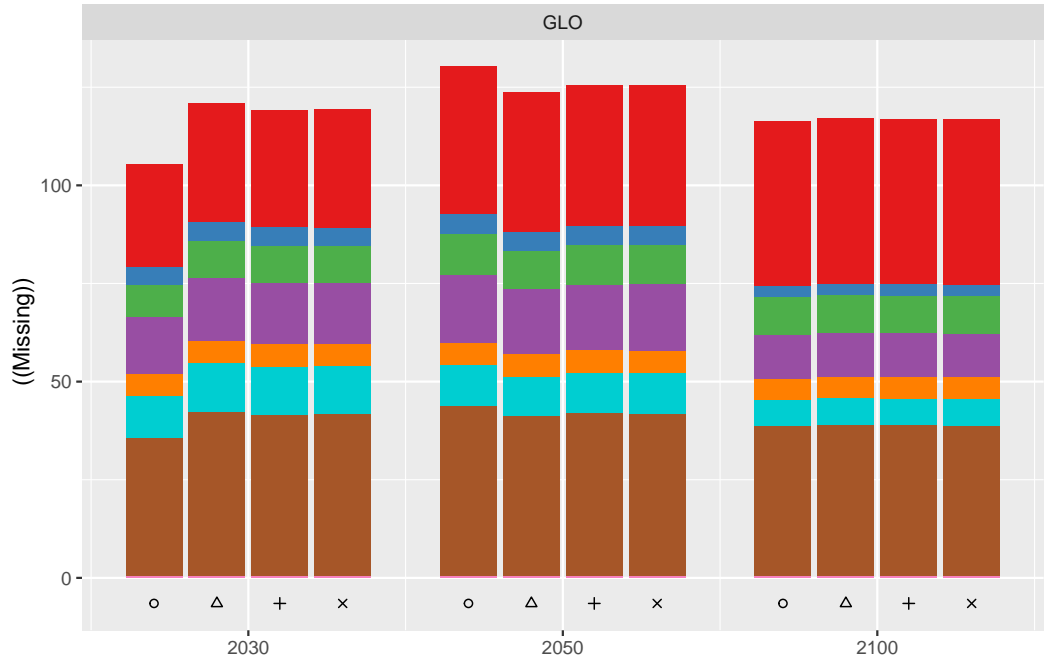
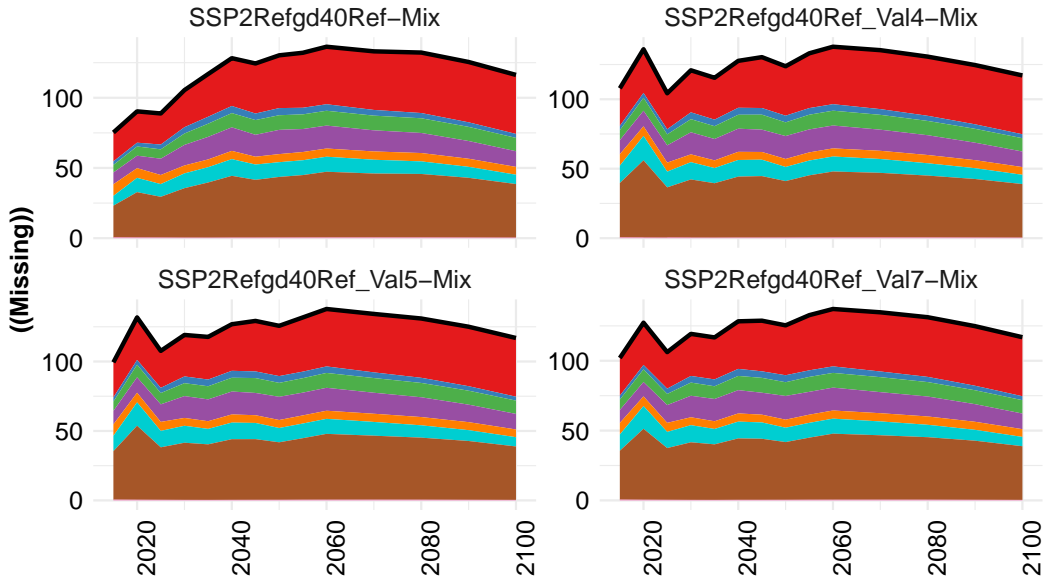


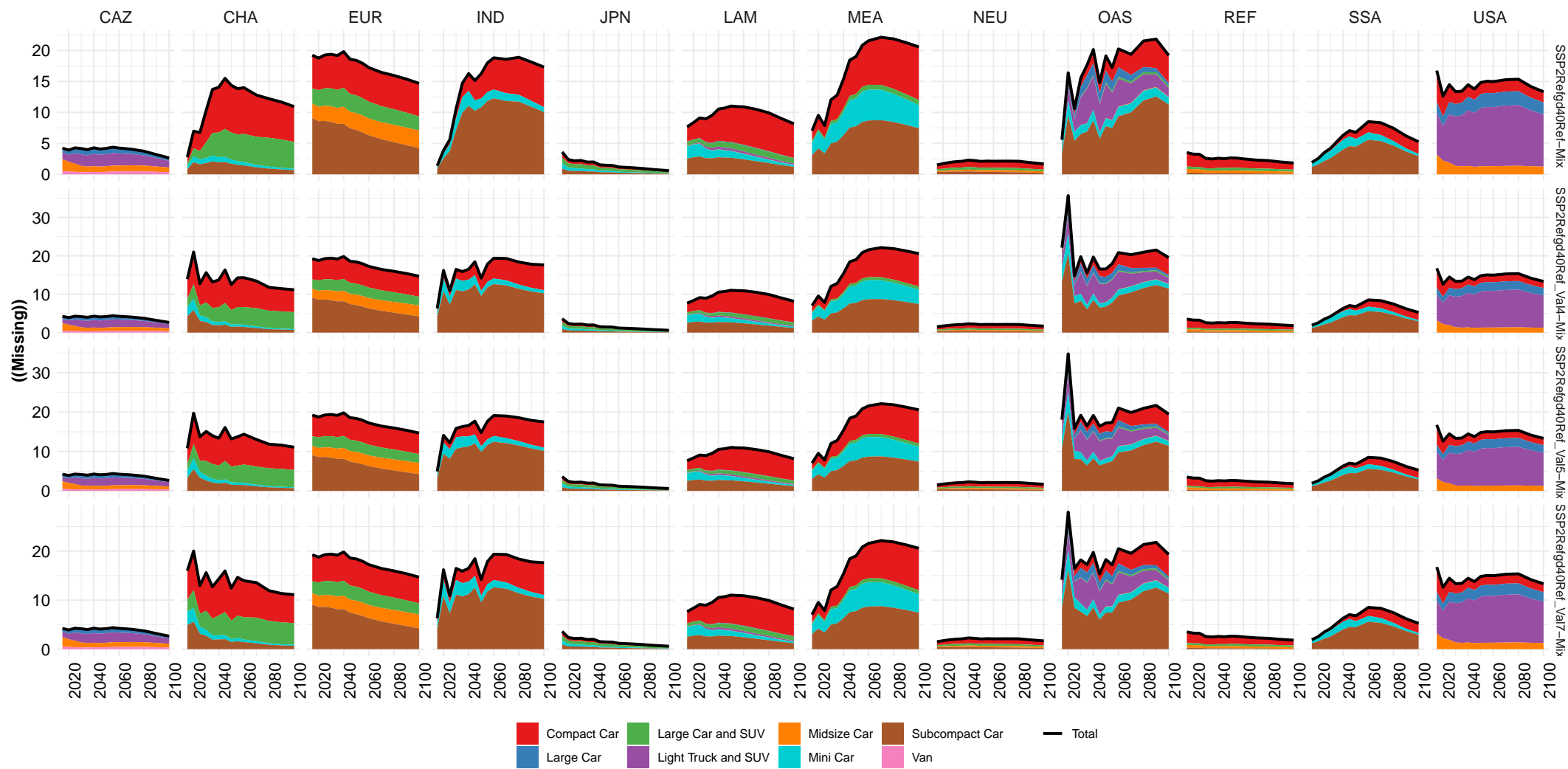
3.1.2 LDV sales by technology





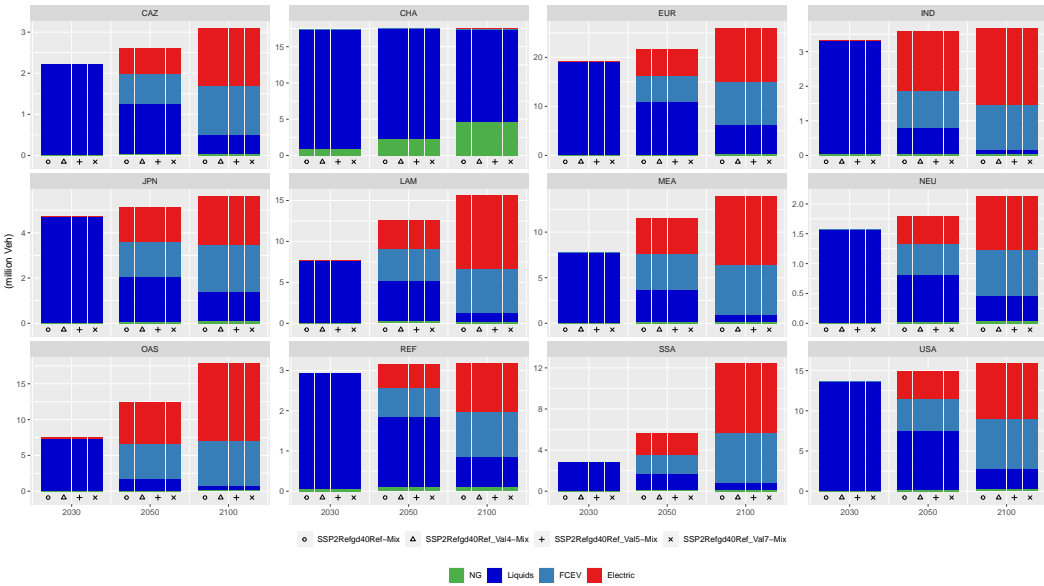
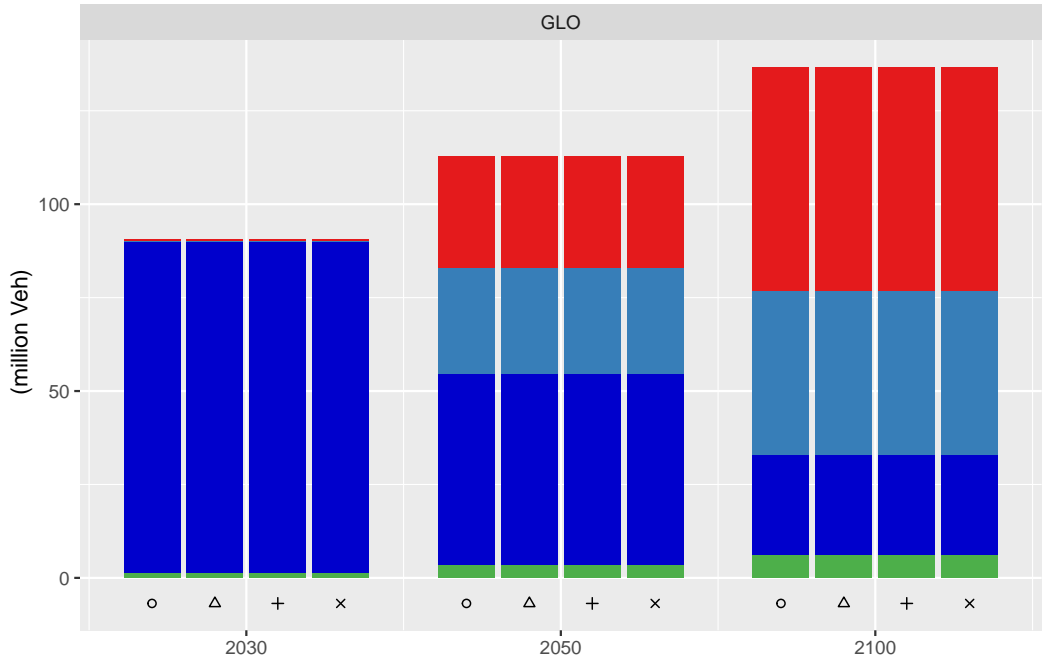
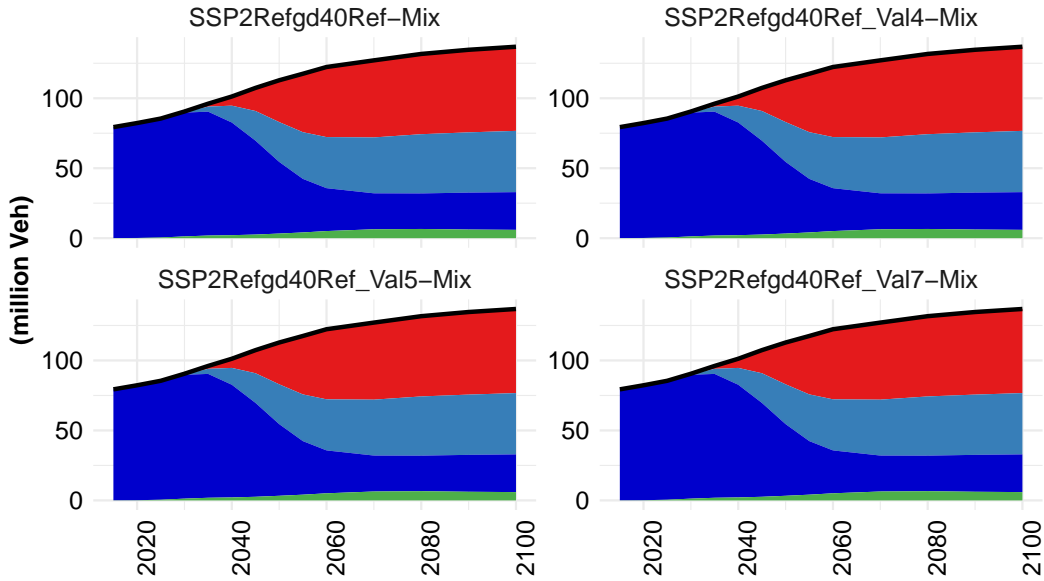
3.2 LDV sales by vehicle type

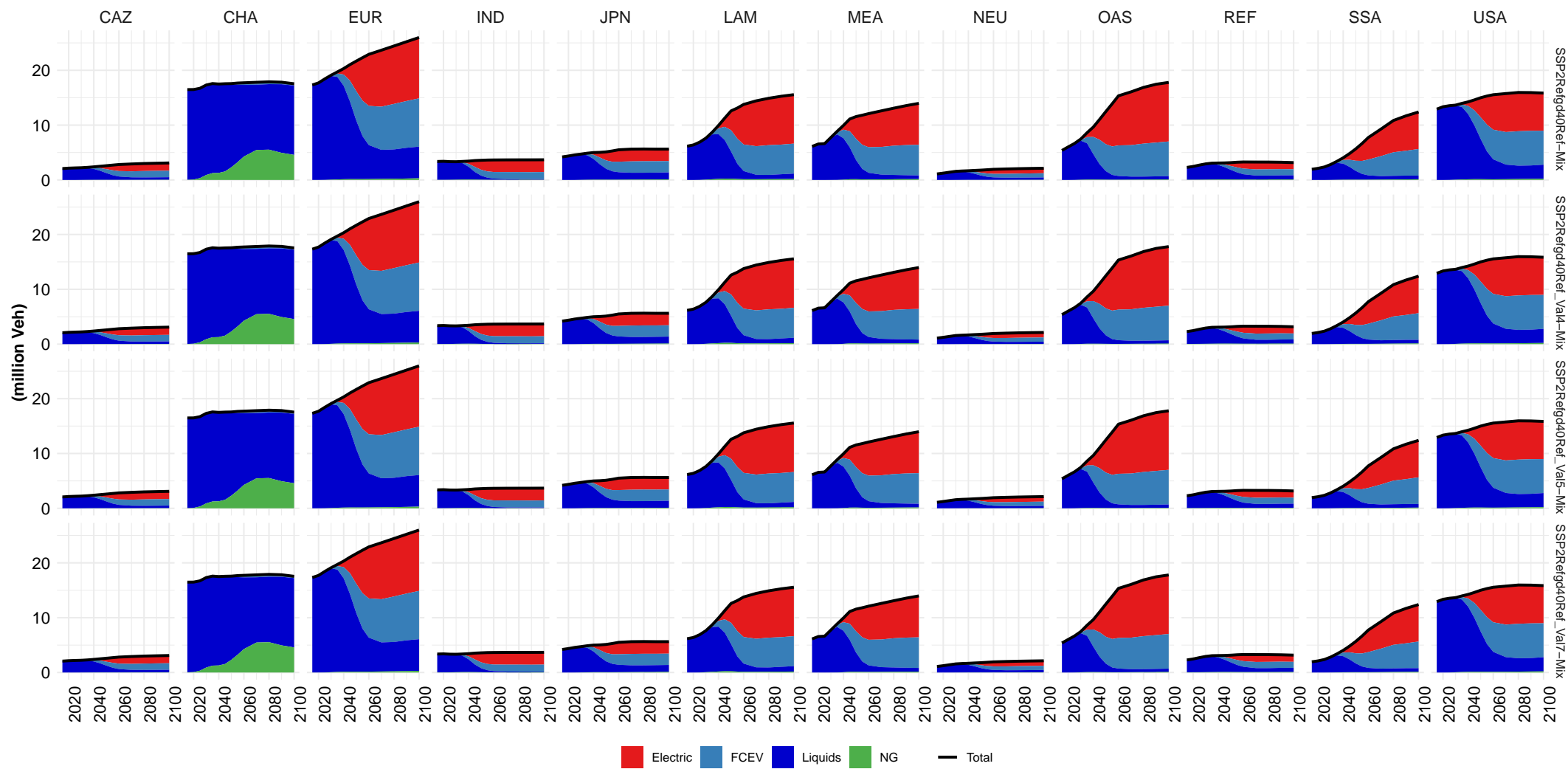




4 Truck stock and sales

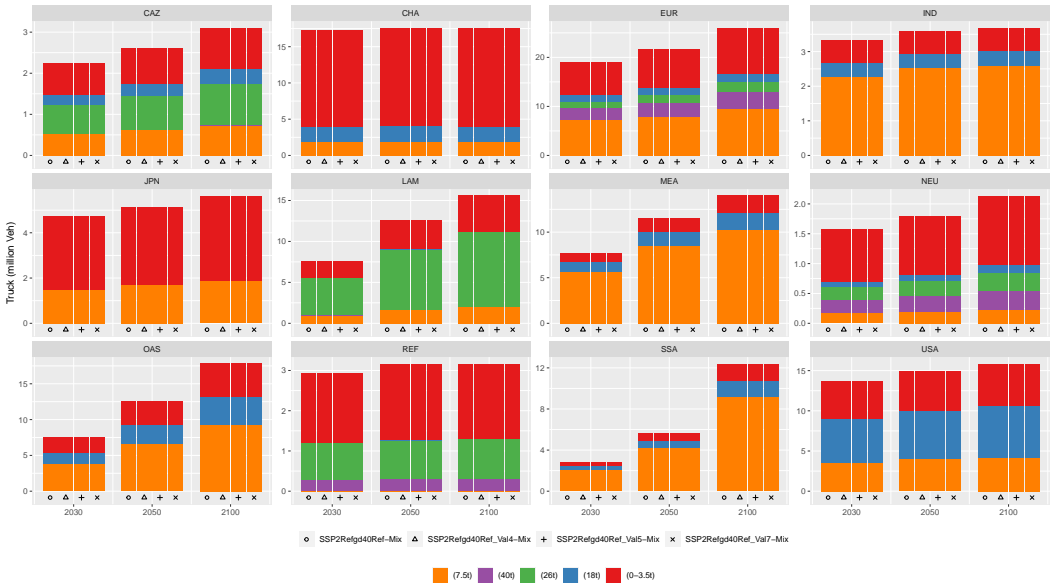
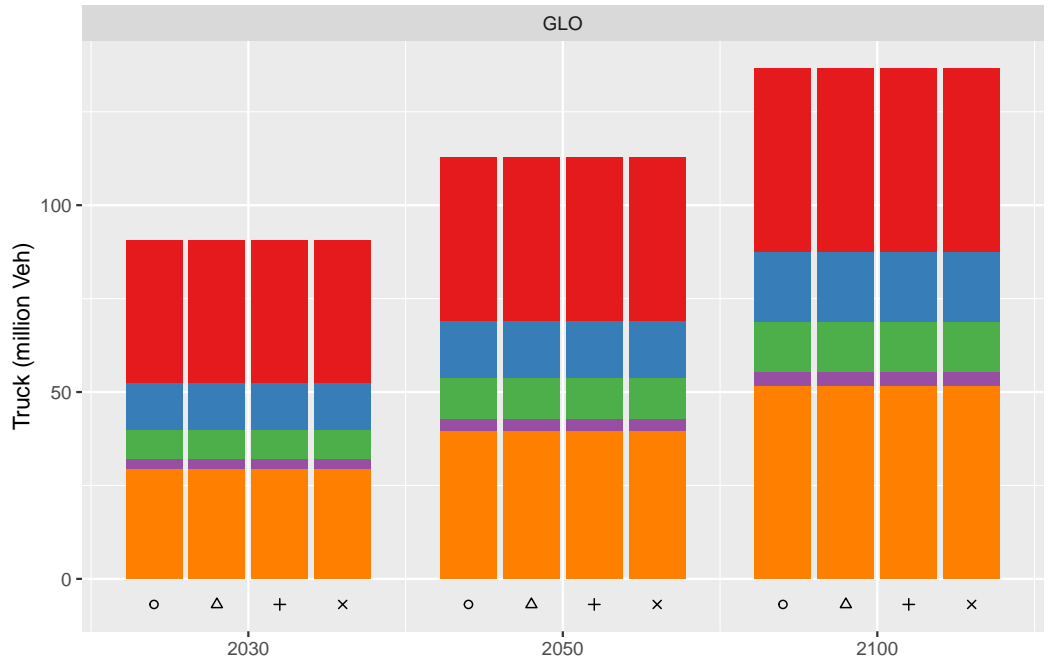
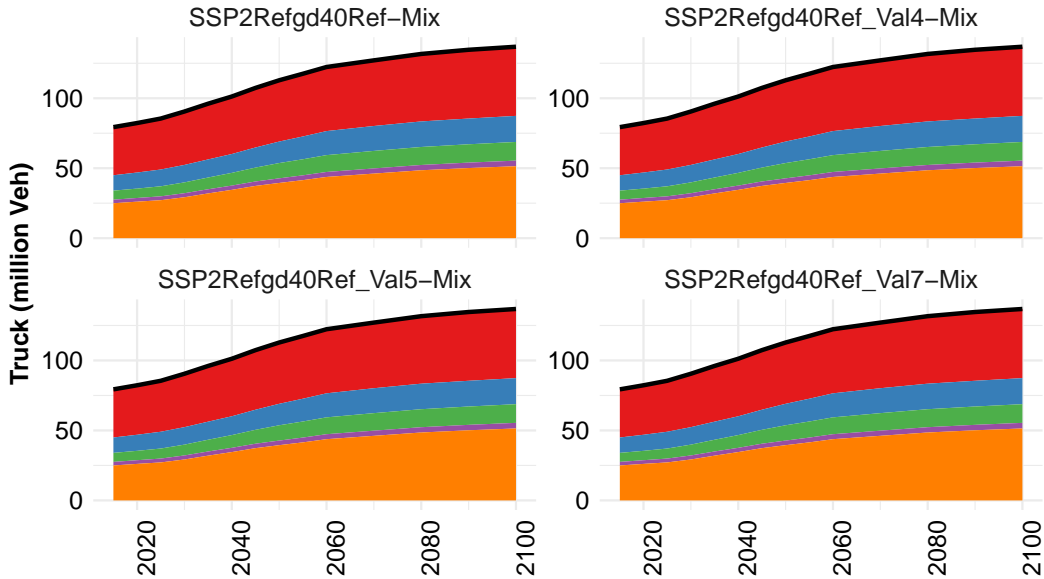
4.1 Truck stock by technology

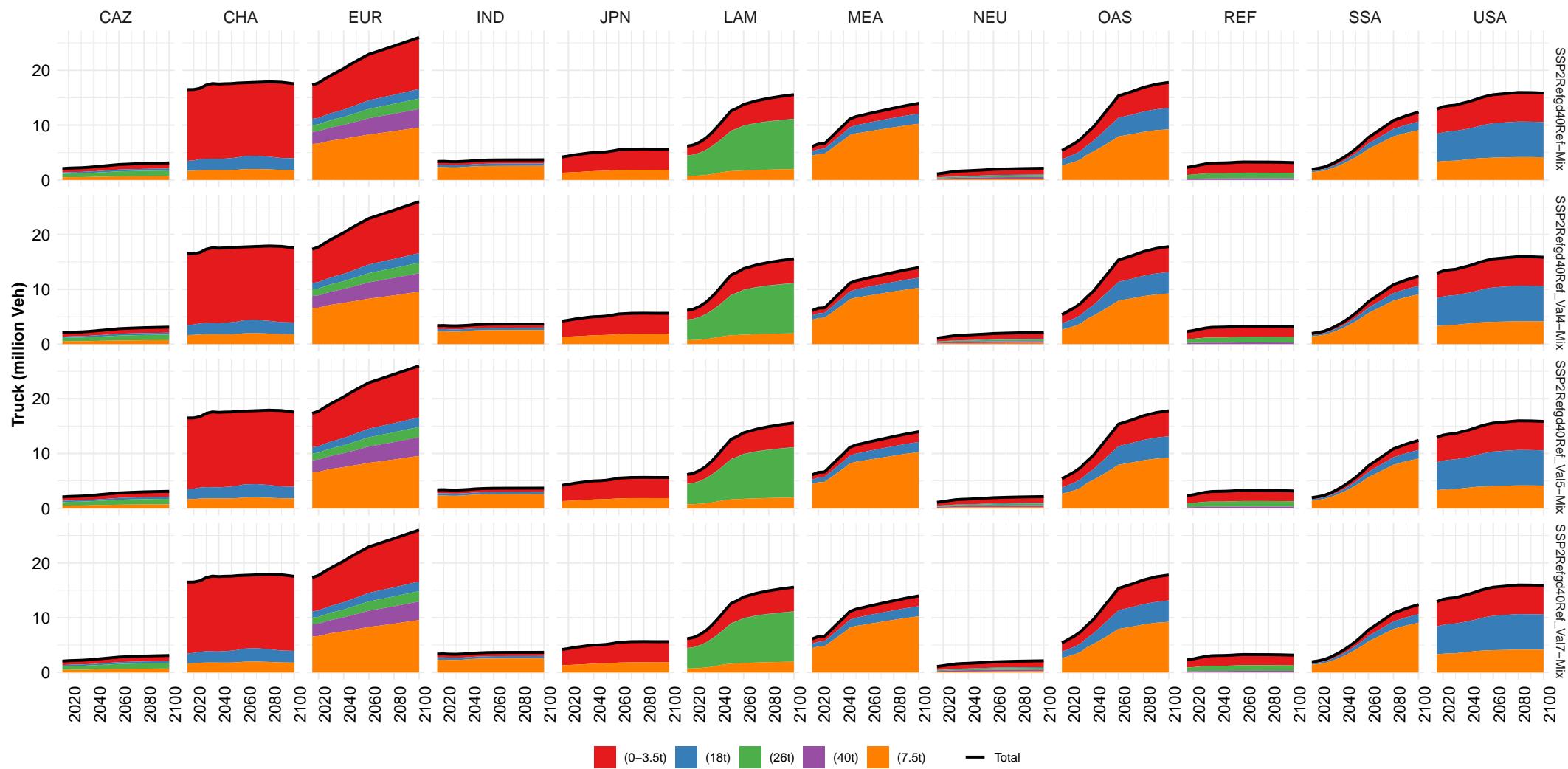




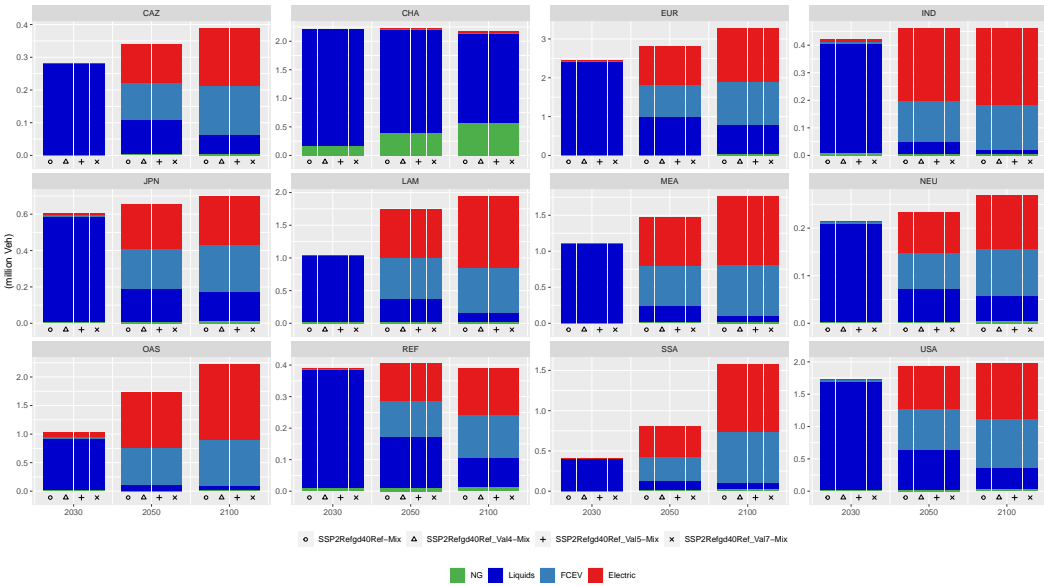
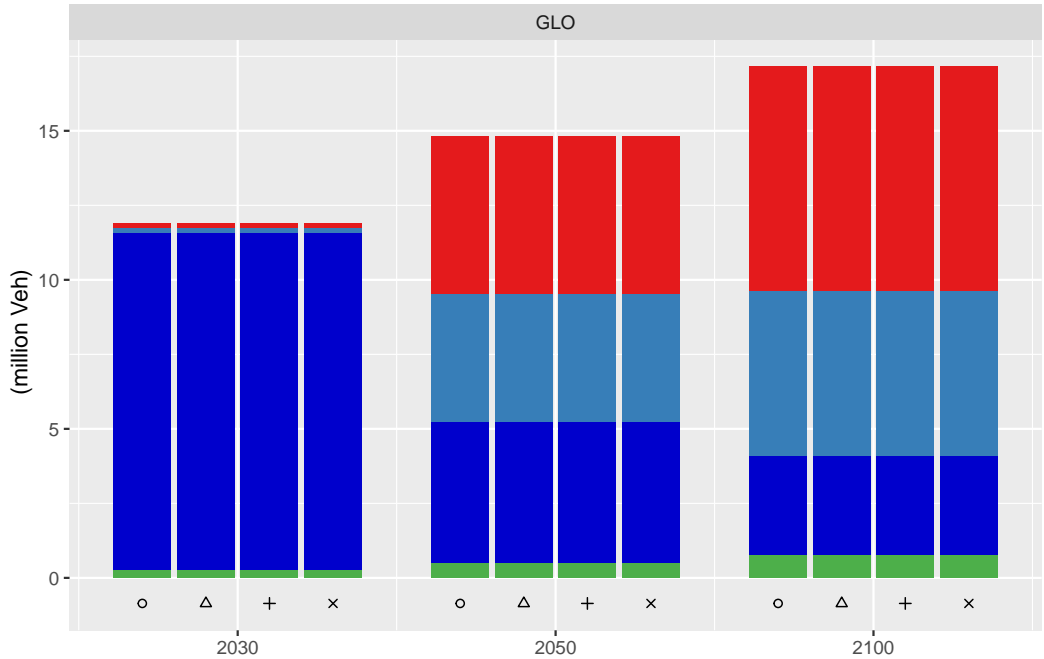
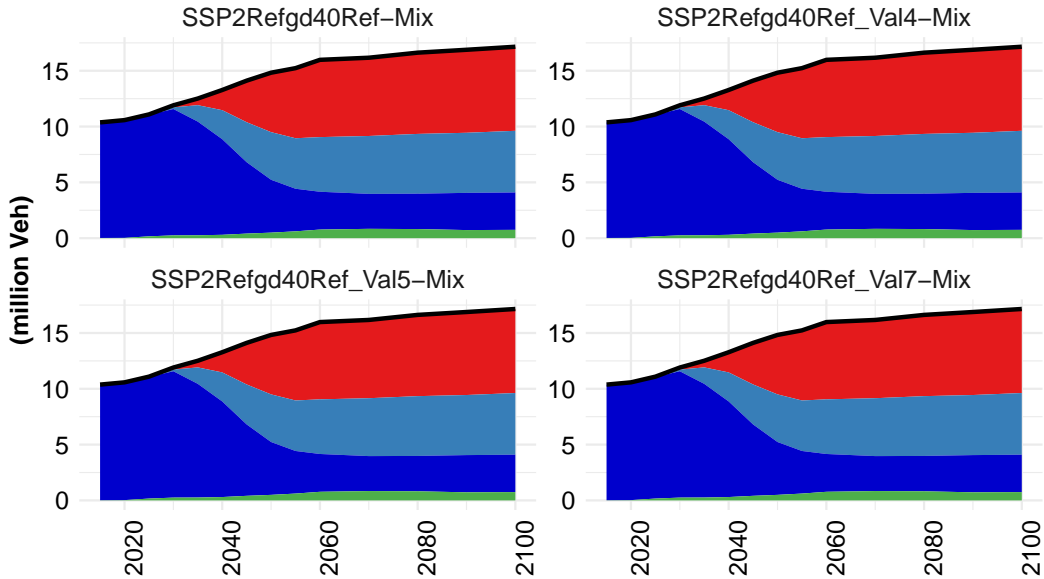


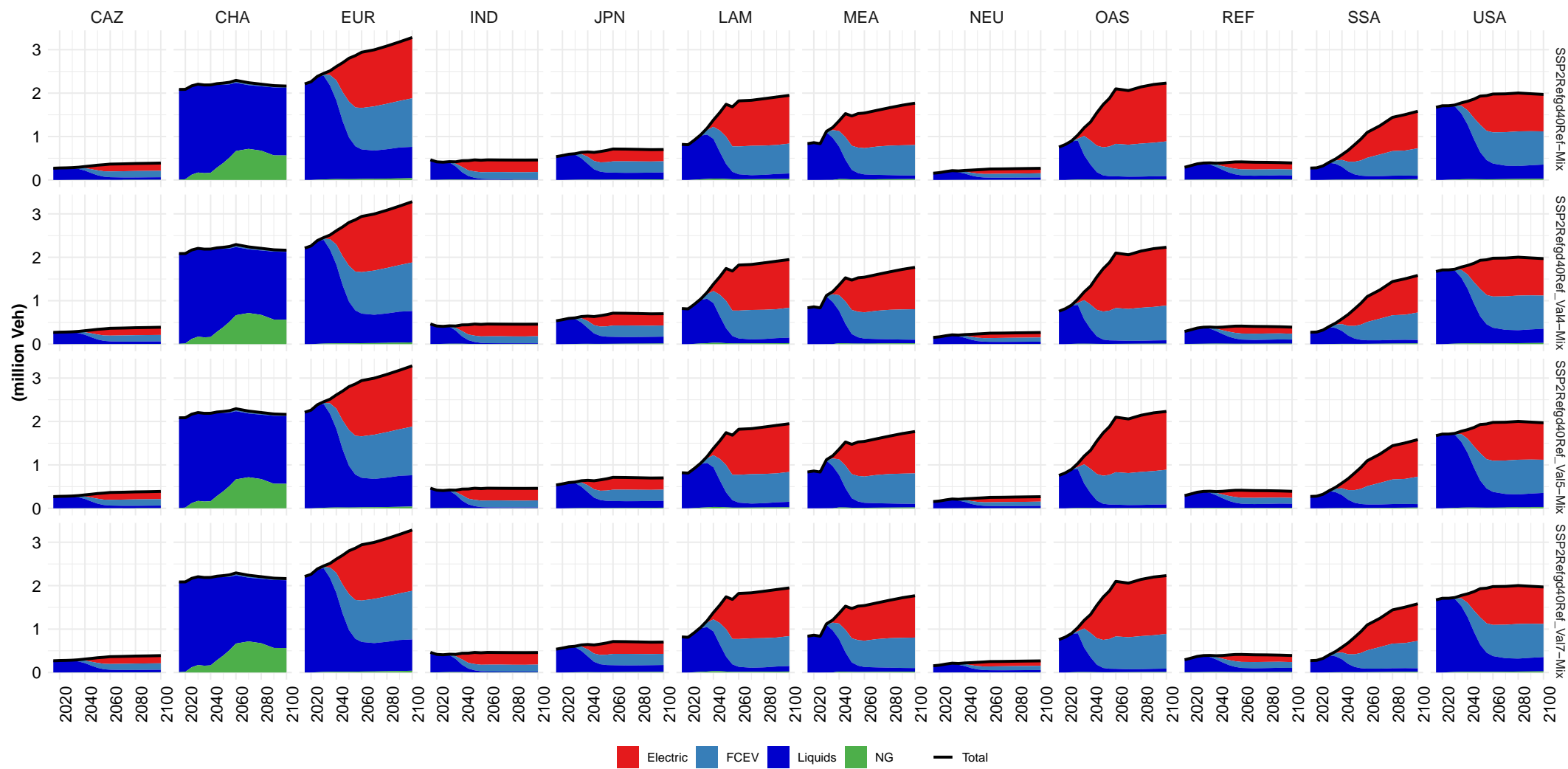
4.2 Truck stock by vehicle type



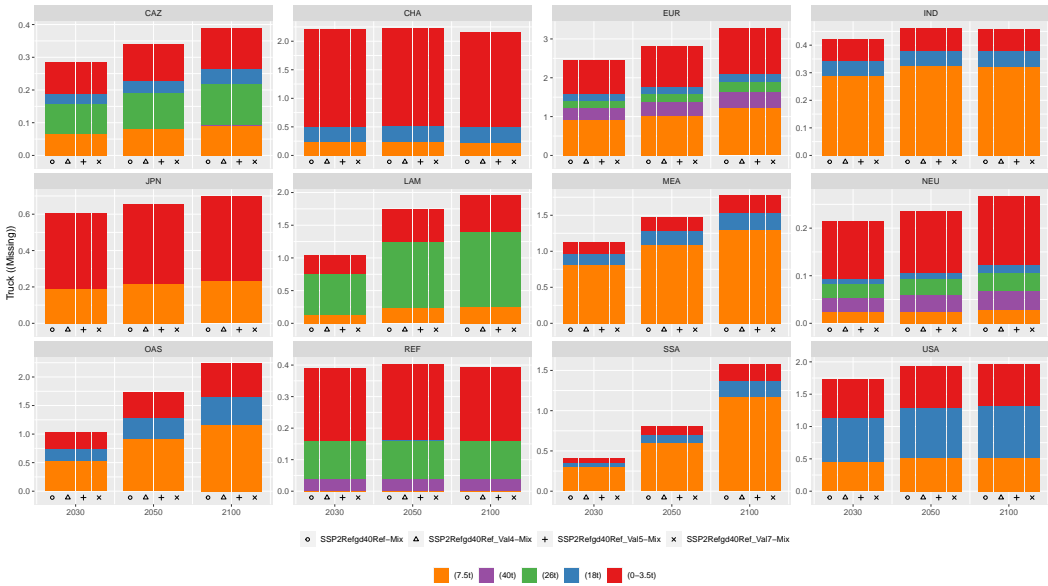
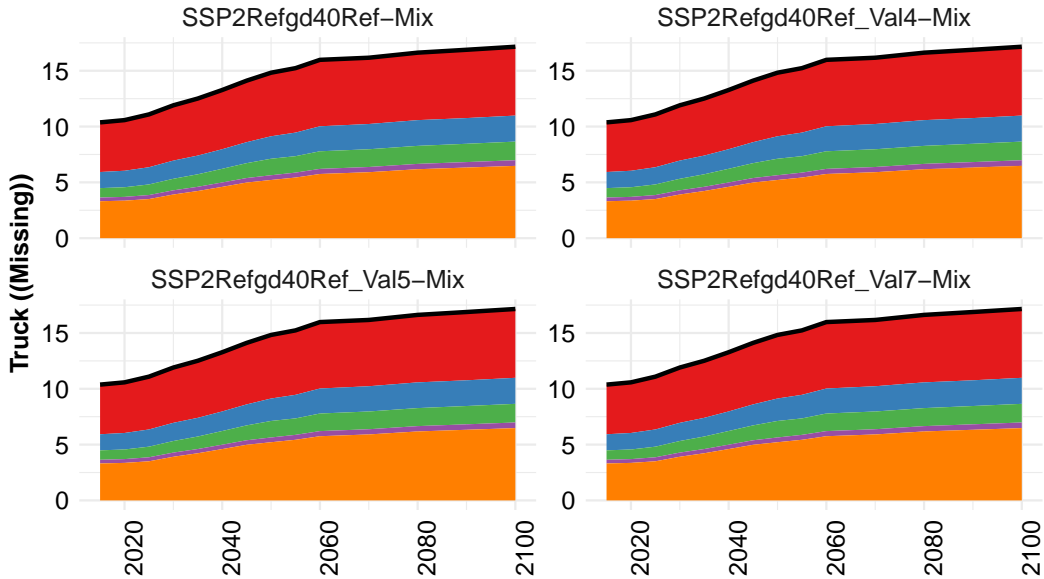


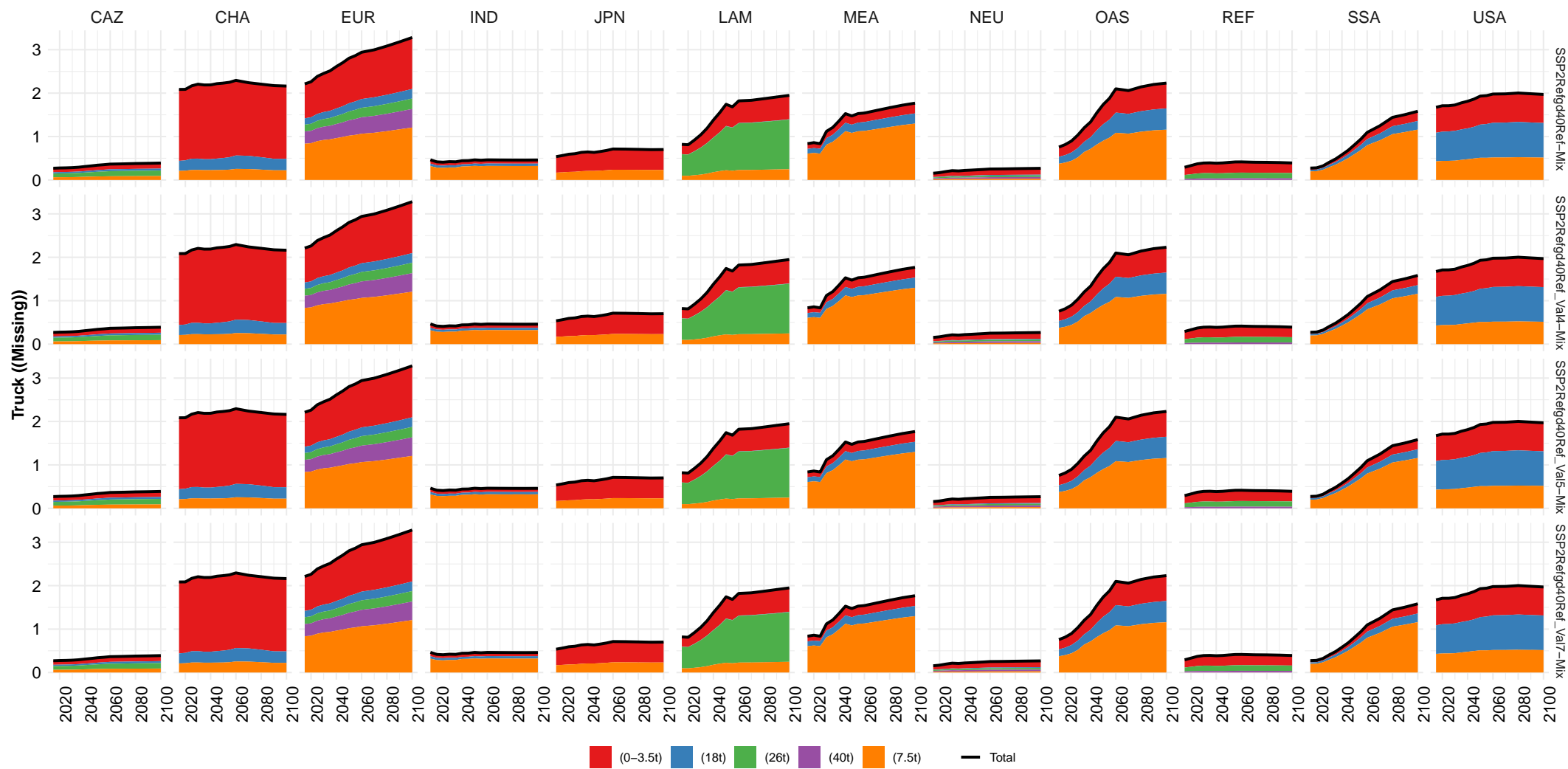
4.3 Truck sales by technology





4.4 Truck sales by vehicle type

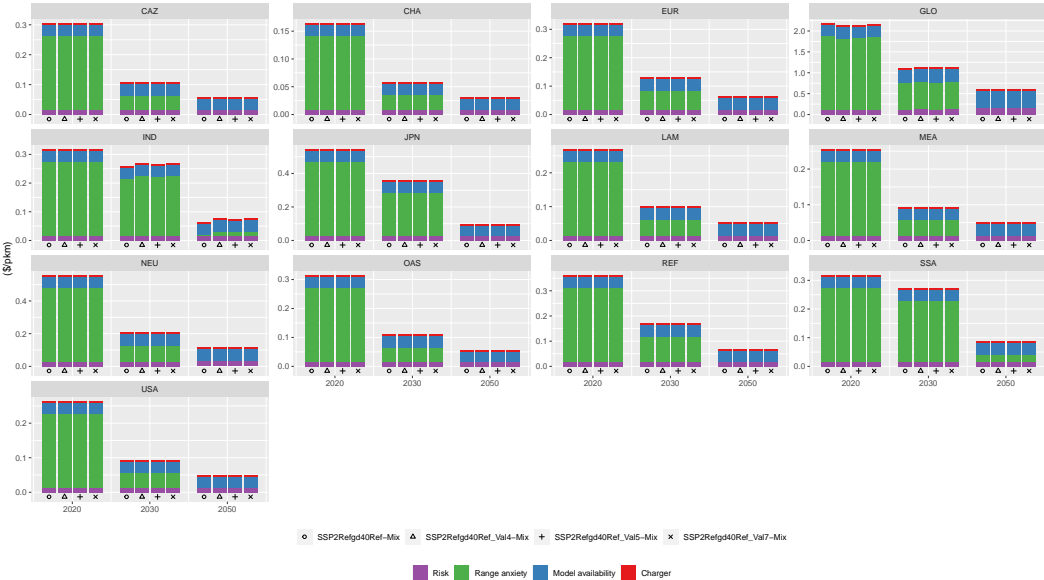




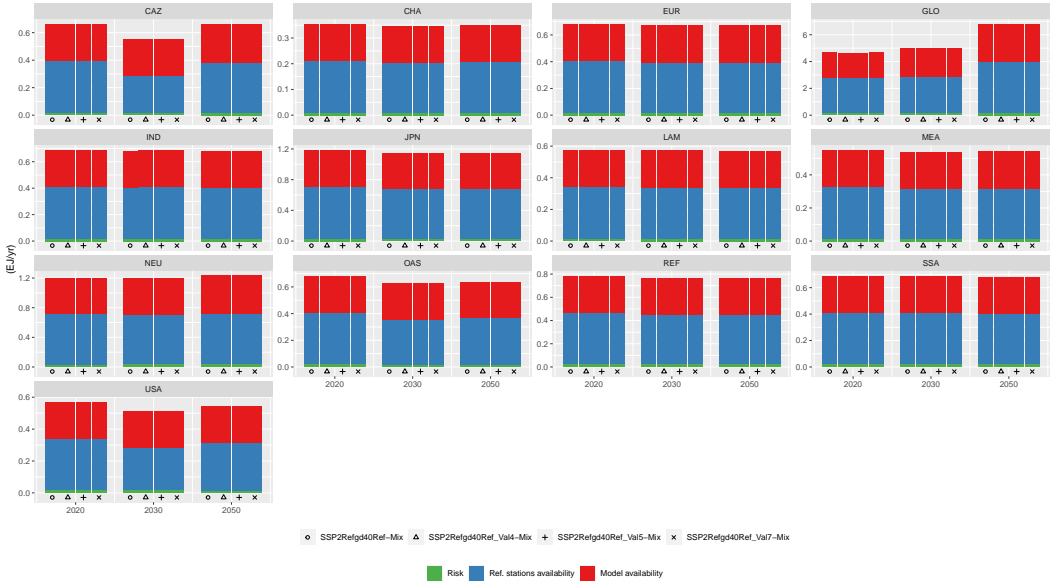
5 Costs

5.1 Inconvenience cost average vehicle

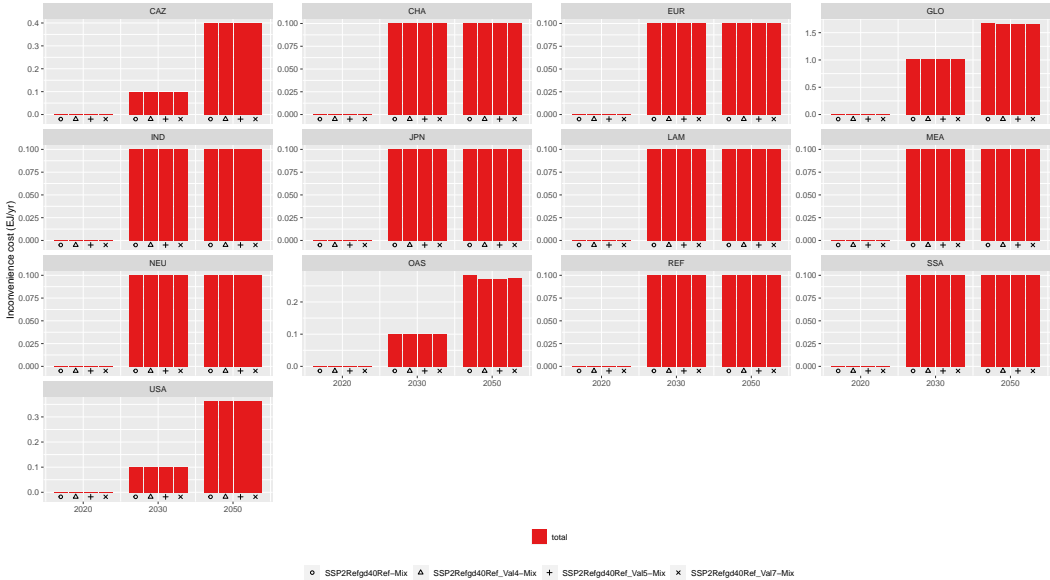
5.1.1 BEV



5.1.2 FCEV



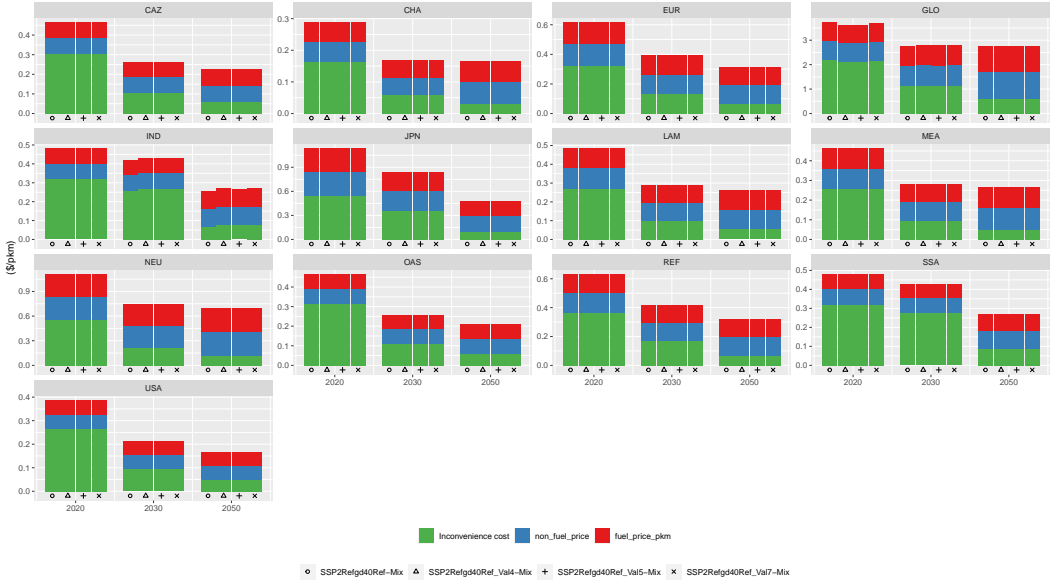
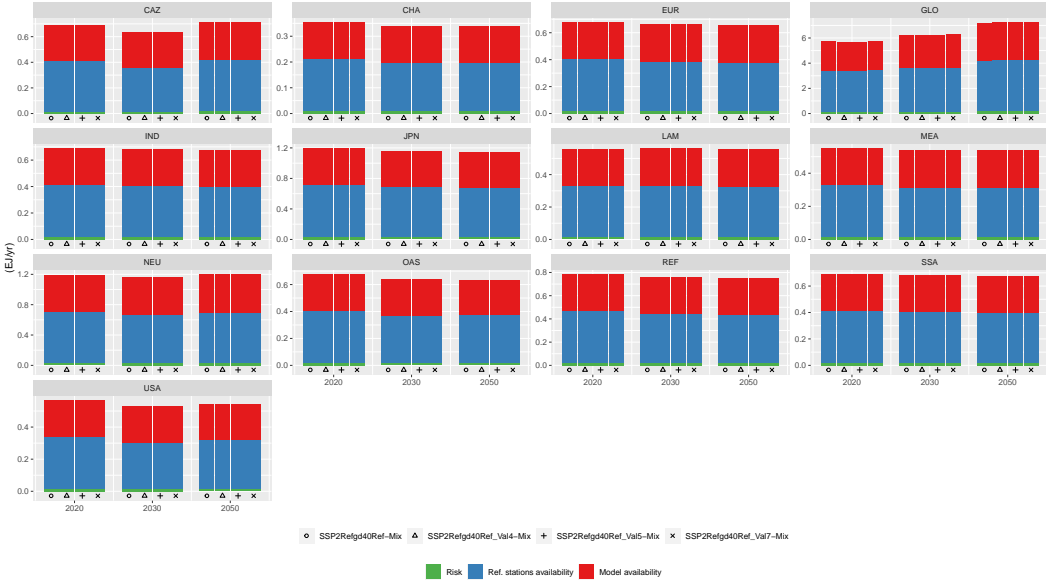
5.1.3 Liquids



5.1.4 NG

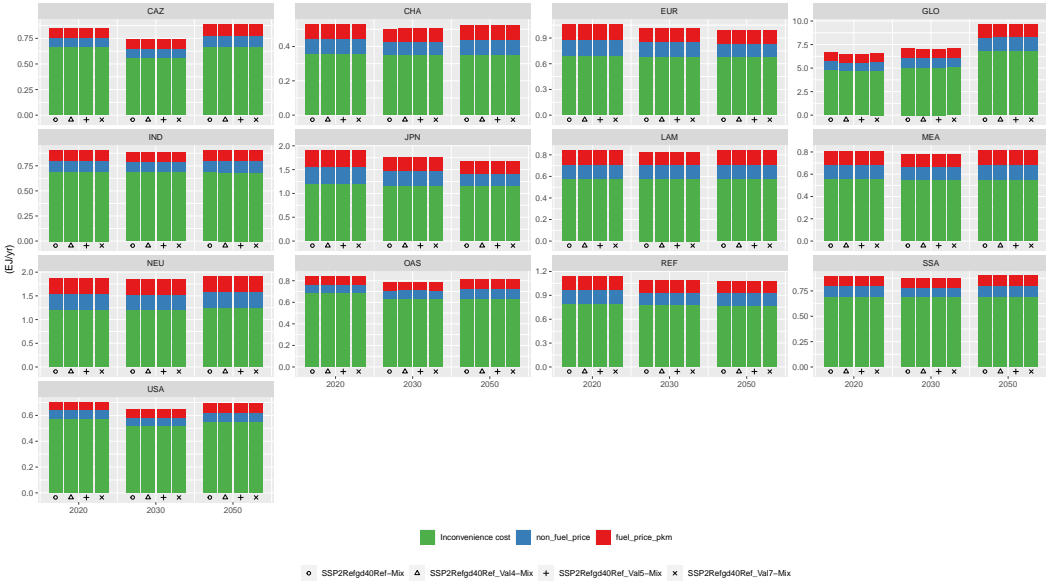
5.2 Total cost average vehicle

5.2.1 BEV

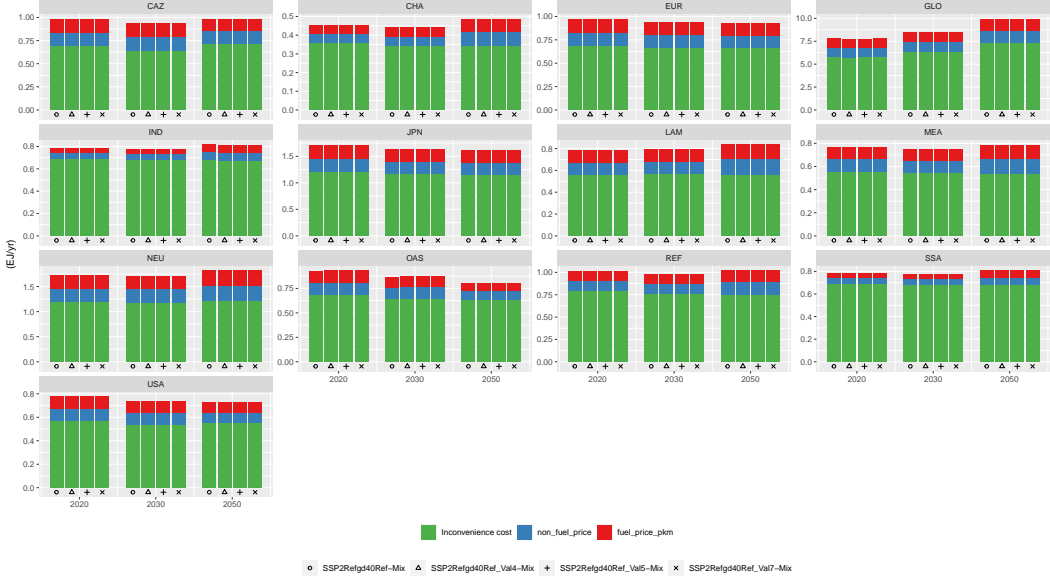




5.2.2 FCEV



5.2.4 NG



5.2.3 Liquids

