Charts showing the impact of the change from IMD2015 to IMD2019 on the slope index of inequality in life expectancy at birth

February 2020

Introduction

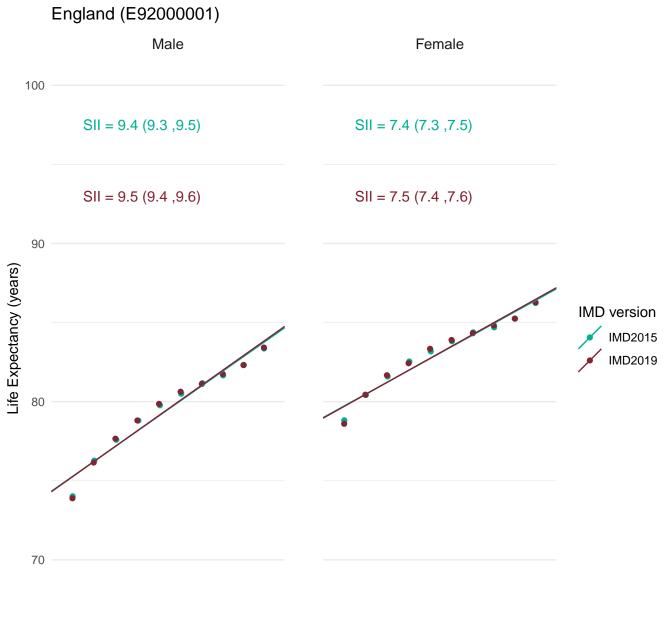
In September 2019, an updated deprivation index was published by the Ministry of Housing, Communities and Local Development: the Index of Multiple Deprivation 2019 (IMD2019). IMD2019 has been produced using the same approach, structure and methodology as the Index of Multiple Deprivation 2015 (IMD2015), but incorporates some small changes to the underlying indicators, and uses more up to date data.

Public Health England's approach for production of the Public Health Outcomes Framework (PHOF) overarching indicators of inequality in life expectancy is to define deprivation deciles using the version of IMD which most closely aligns with the time period of the data. Therefore, IMD2019 has been used to define deprivation deciles for the production of the slope index of inequality (SII) indicators for 2016-18.

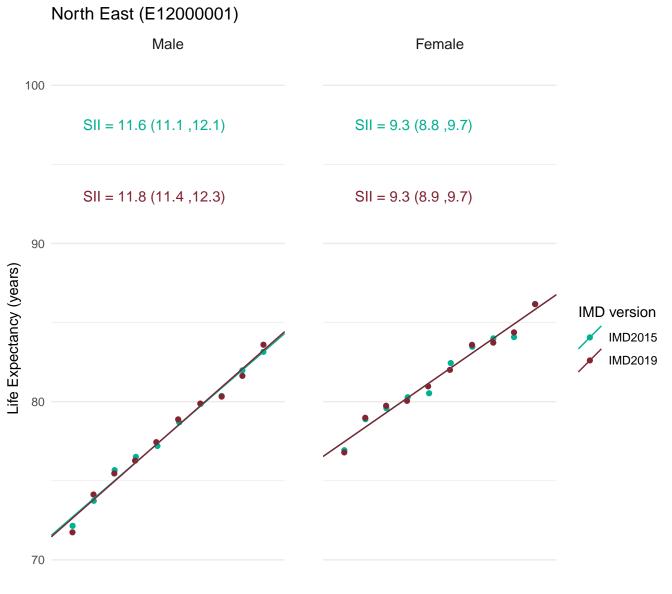
In order to assess the impact of using IMD2019 rather than IMD2015 for the latest data, figures for the SII in life expectancy at birth for 2016-18 were calculated using both IMD2019 and IMD2015.

This document provides a set of charts for England, each English region and each upper and lower tier local authority. These visualise the life expectancy for each deprivation decile and the SII, using both versions of IMD and enable comparison of the results.

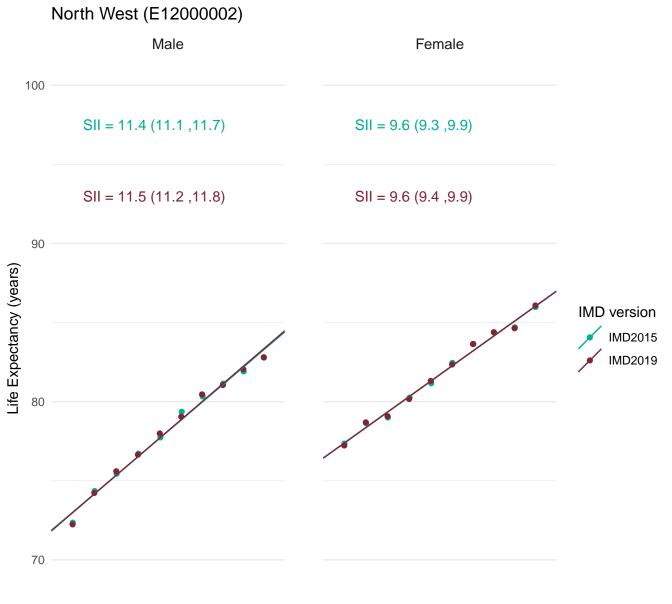
An accompanying document summarises the differences across all areas.



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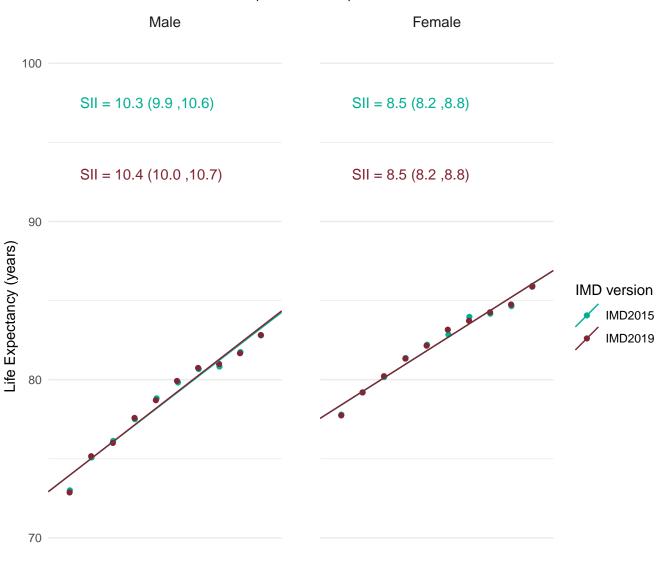


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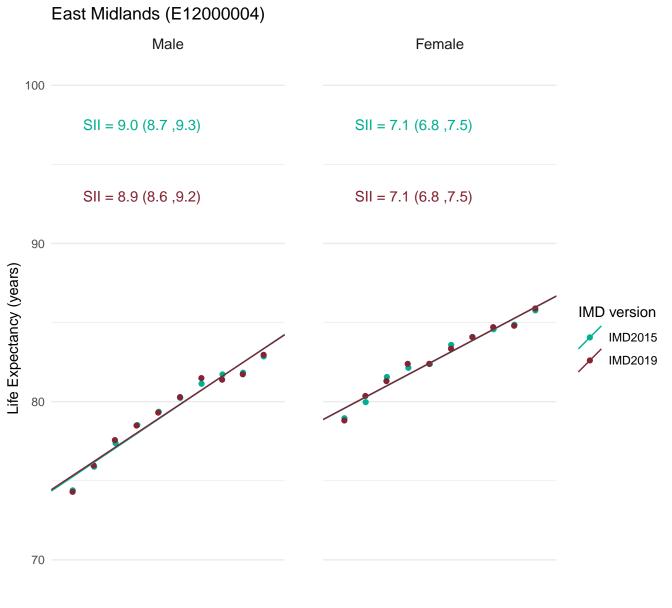
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Yorkshire and the Humber (E12000003)

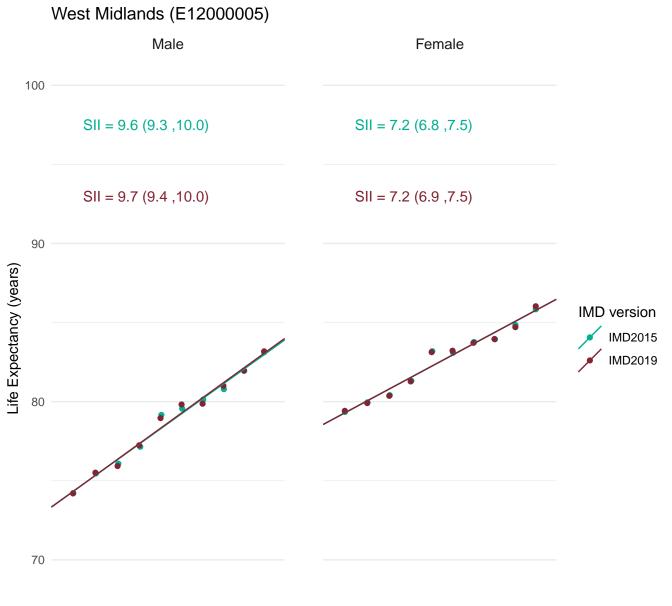


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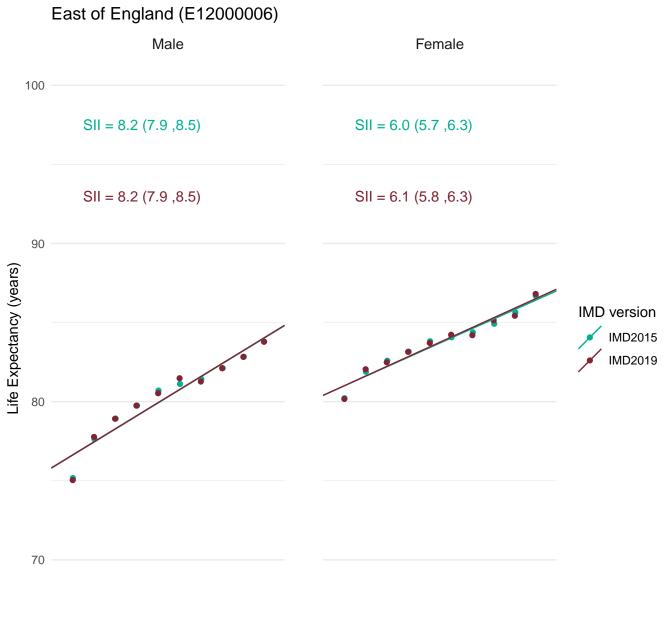
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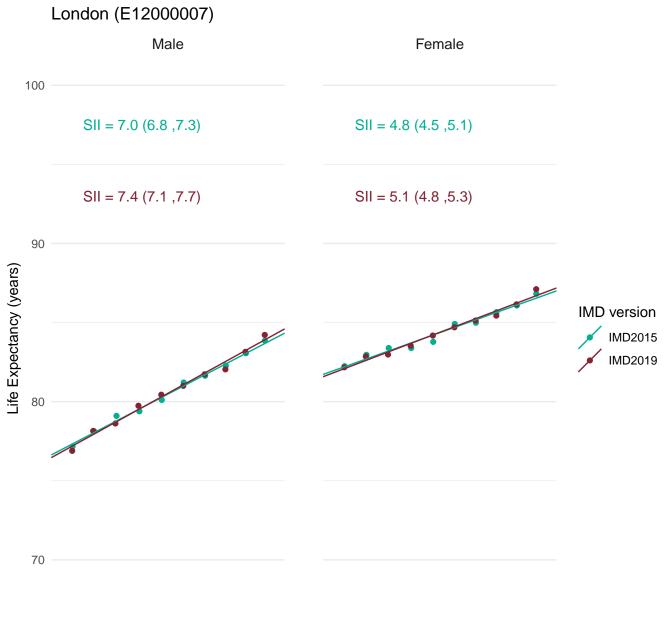
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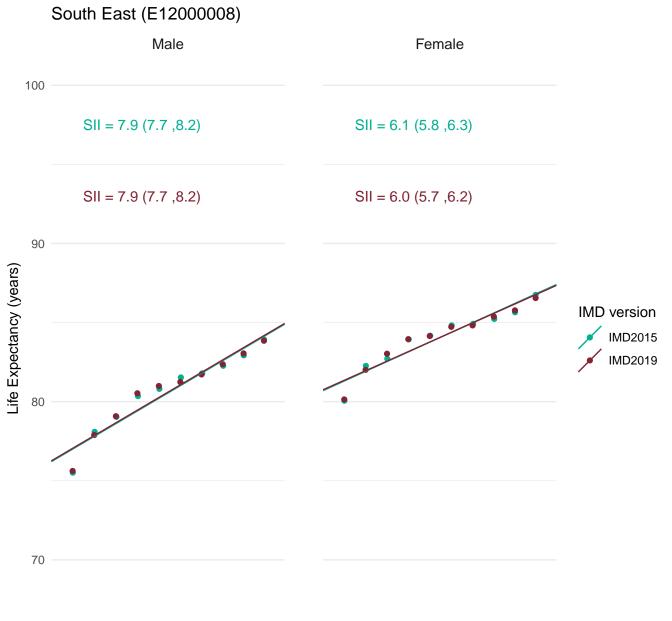
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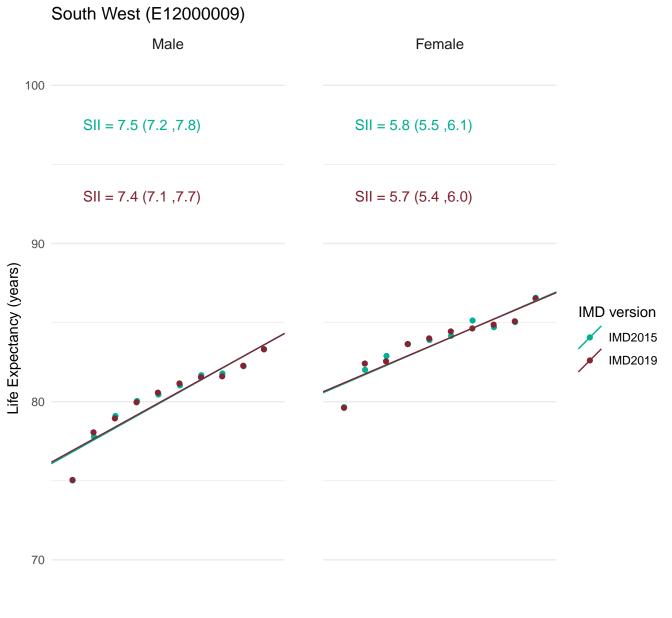
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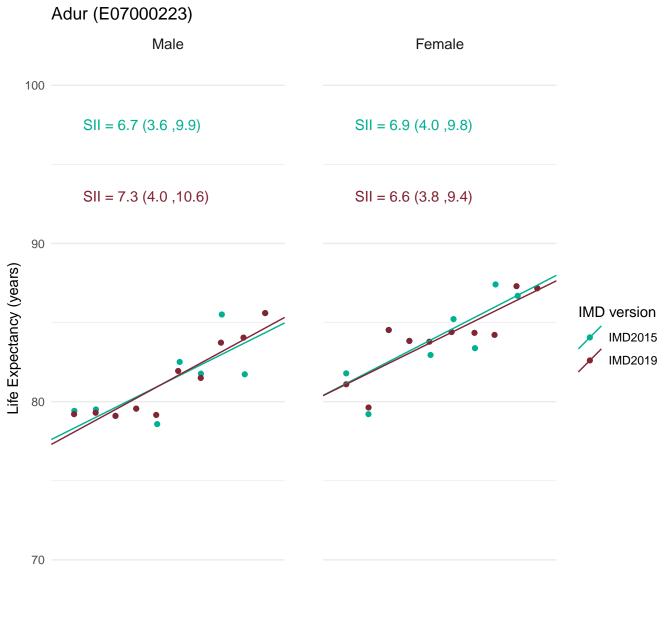
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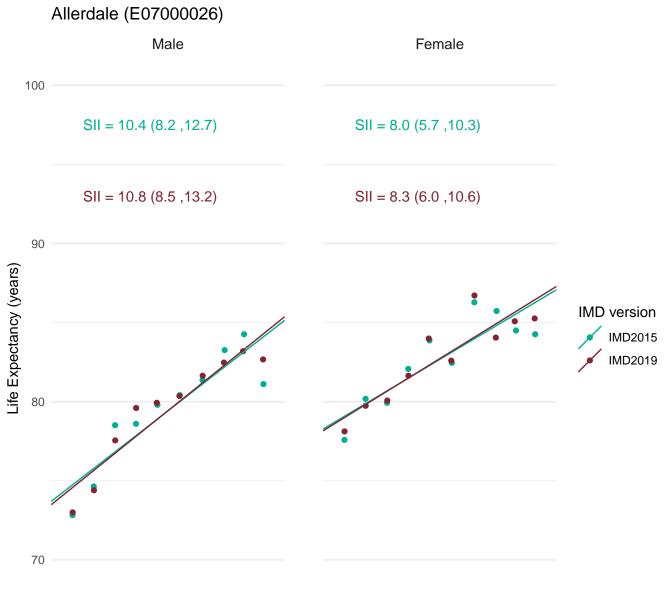
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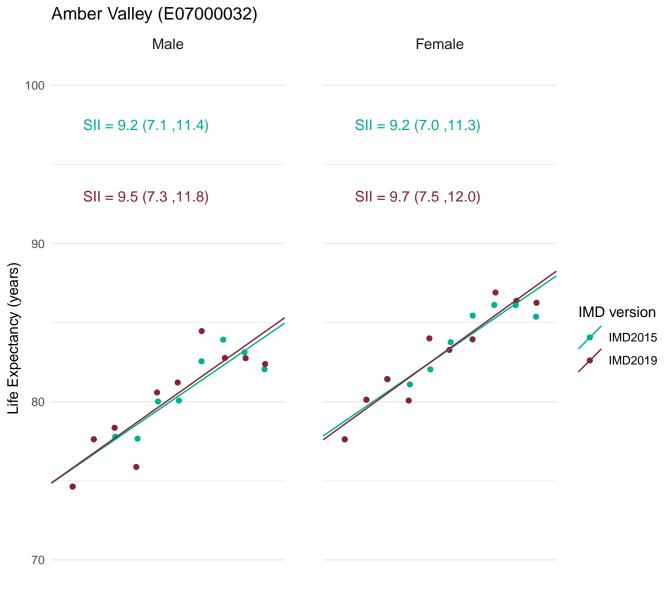
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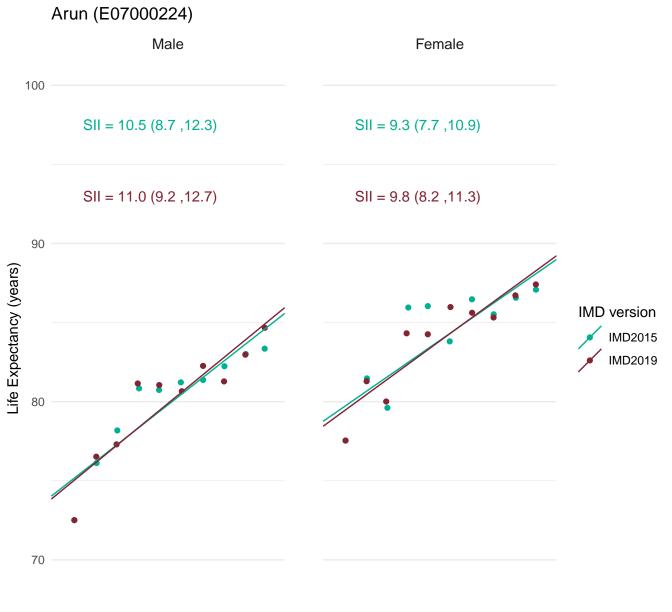
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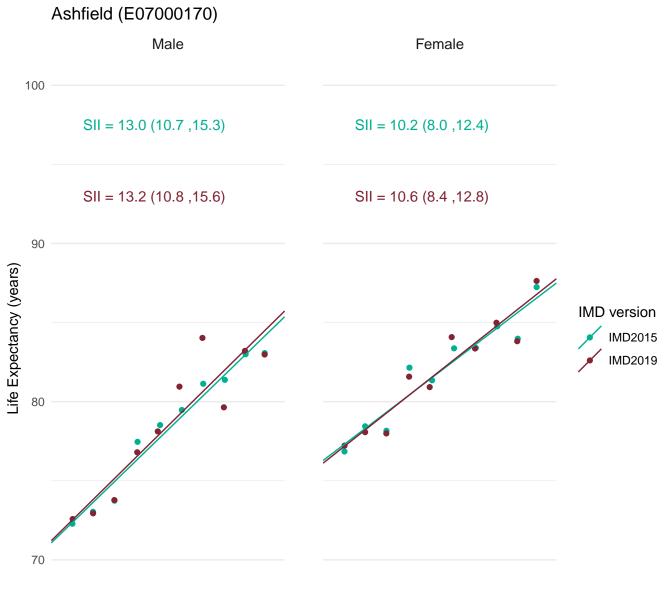
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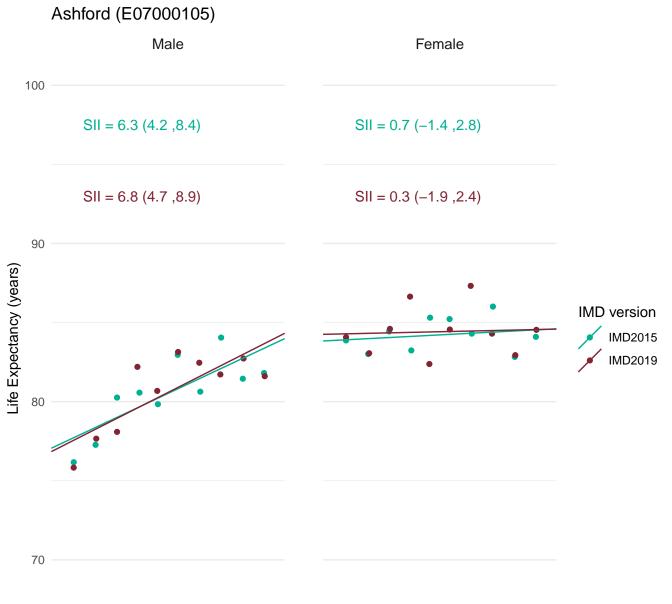
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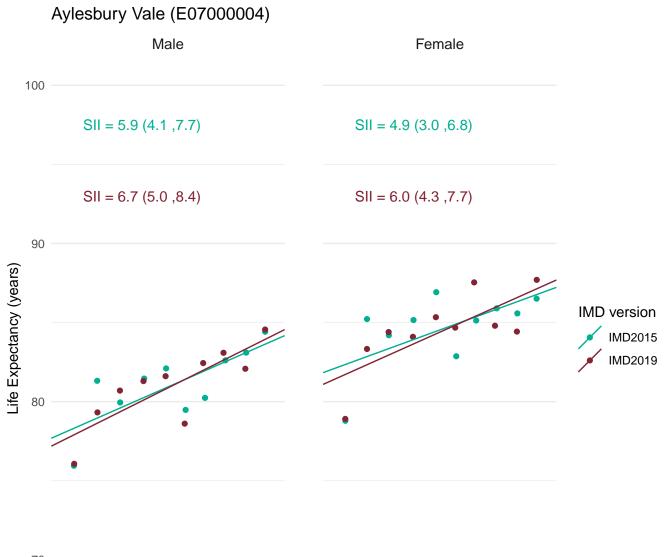
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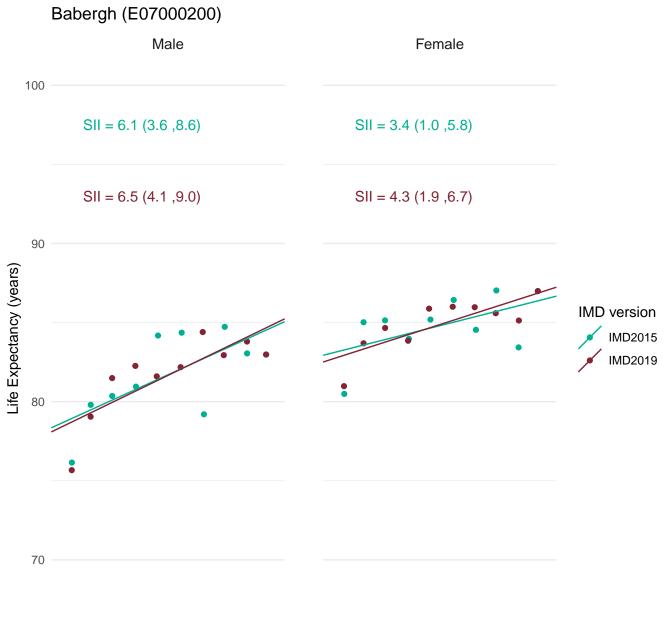


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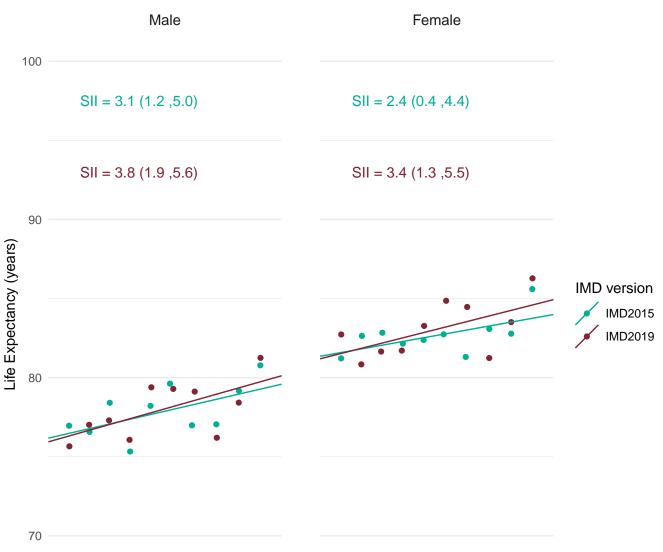
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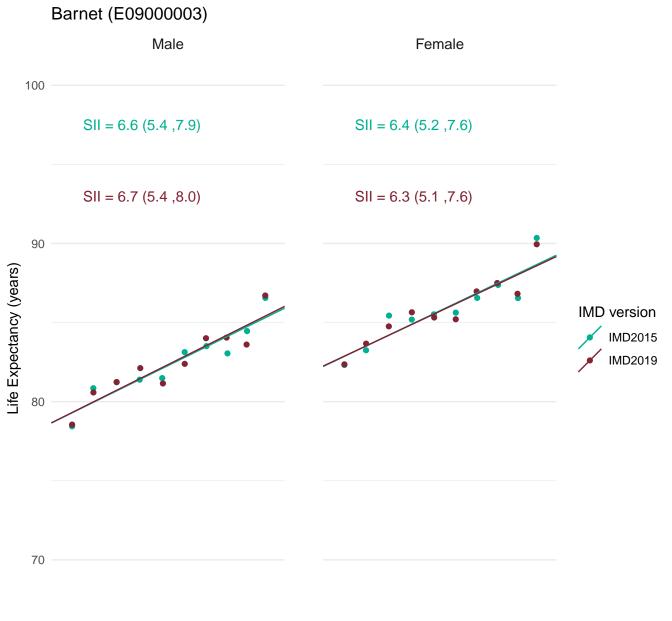


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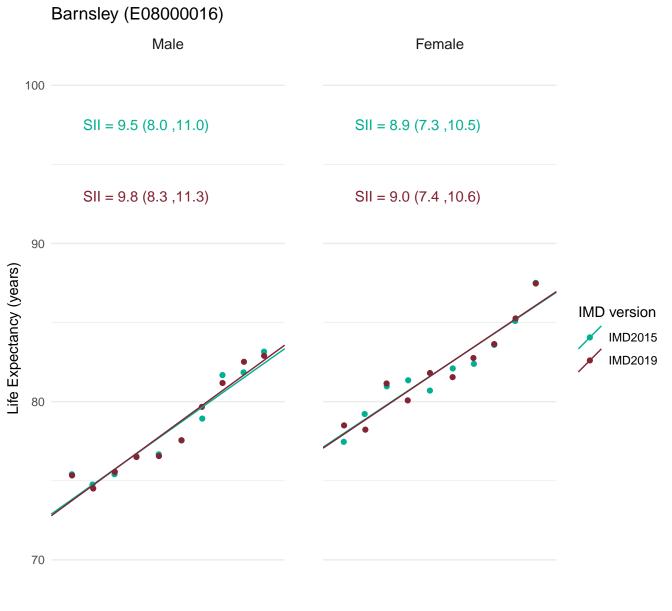
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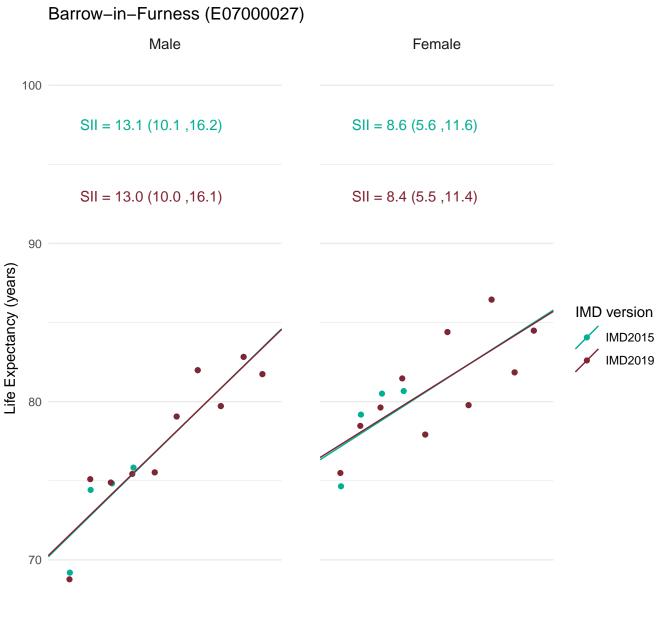
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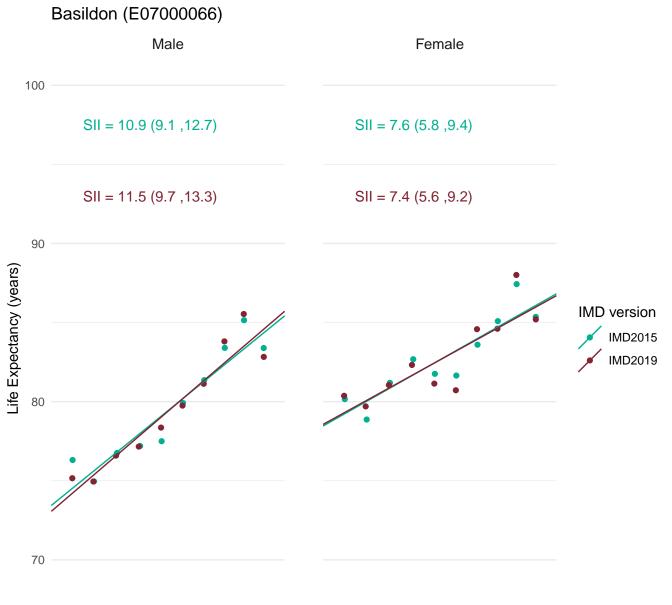
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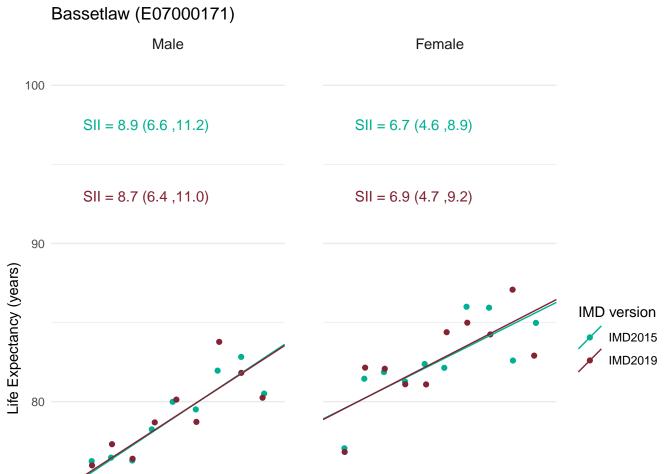
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Basingstoke and Deane (E07000084)



Most deprived

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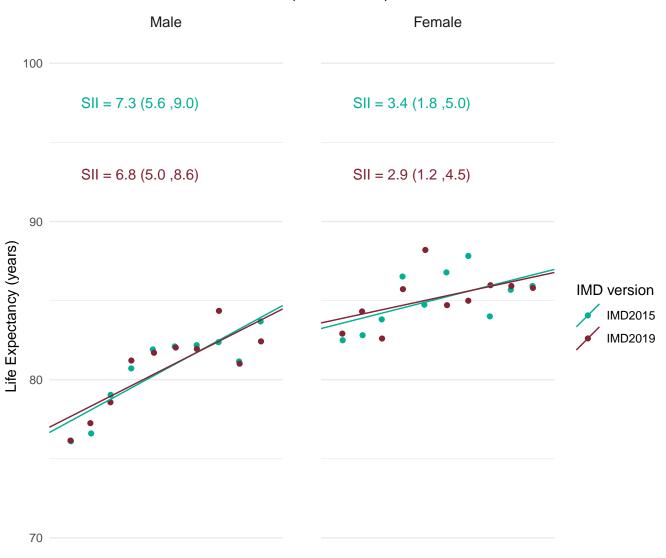


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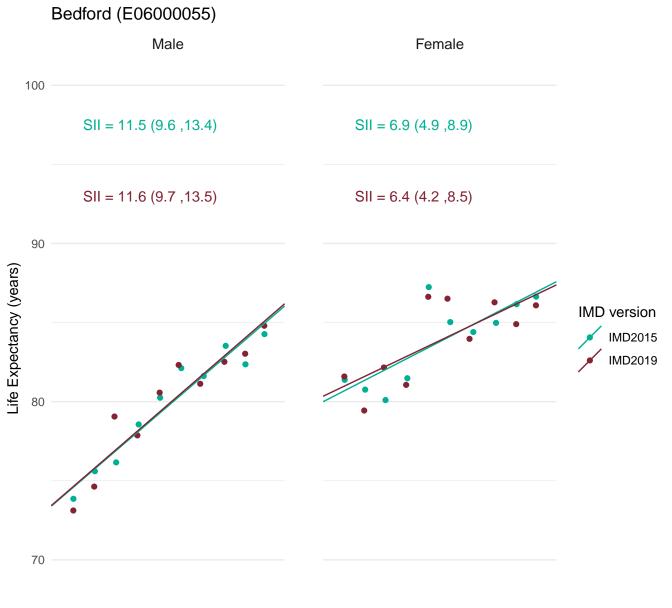
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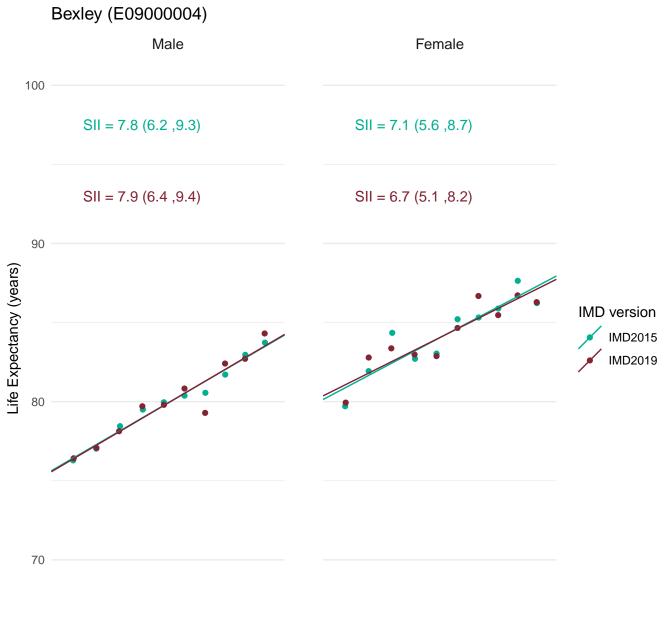


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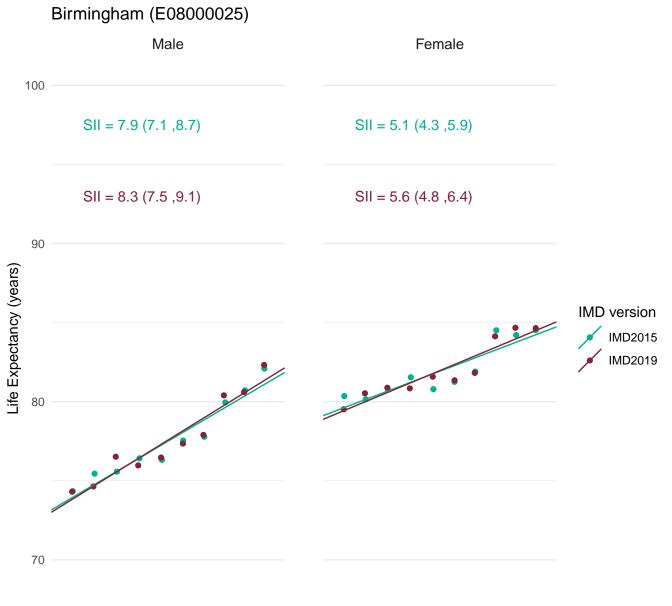
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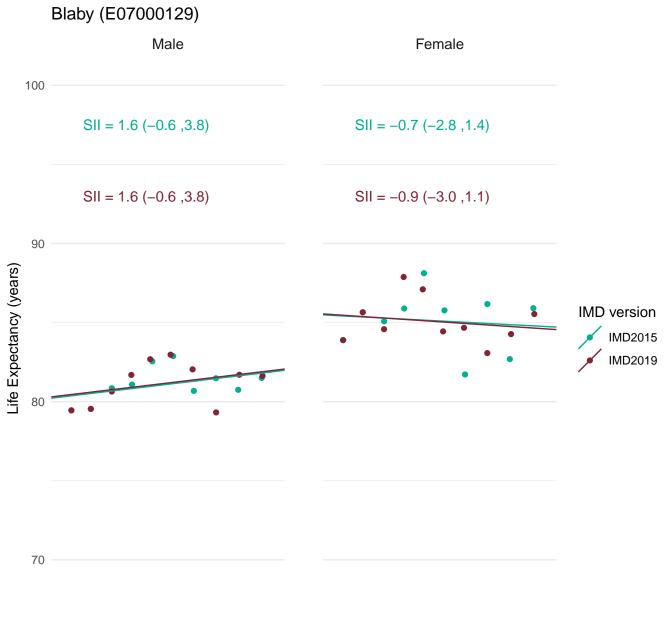
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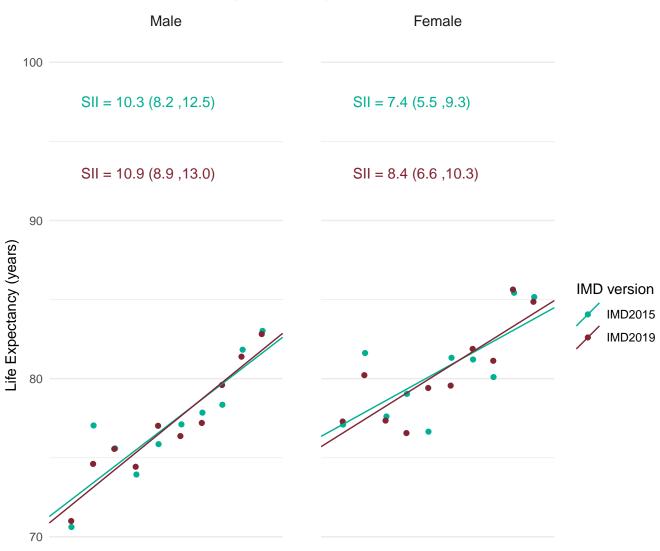


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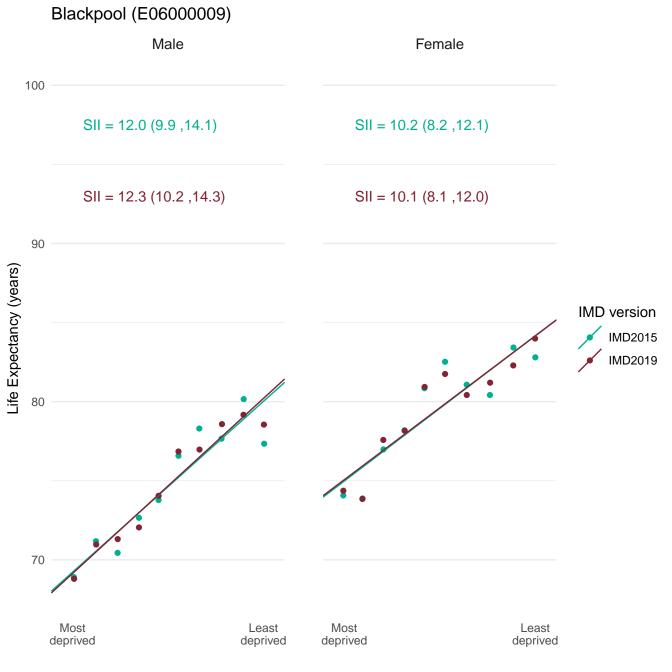
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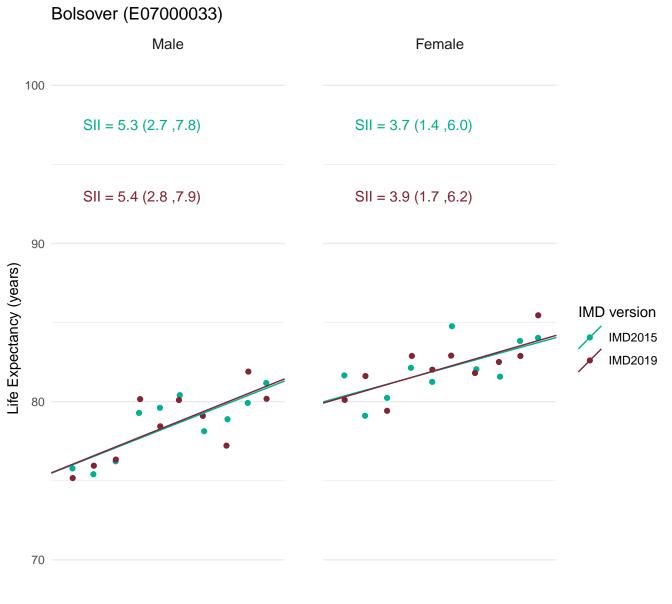
Blackburn with Darwen (E0600008)



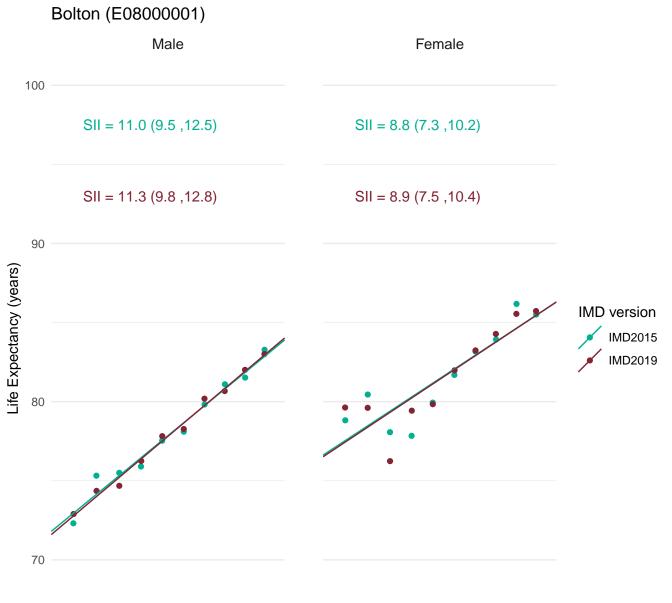
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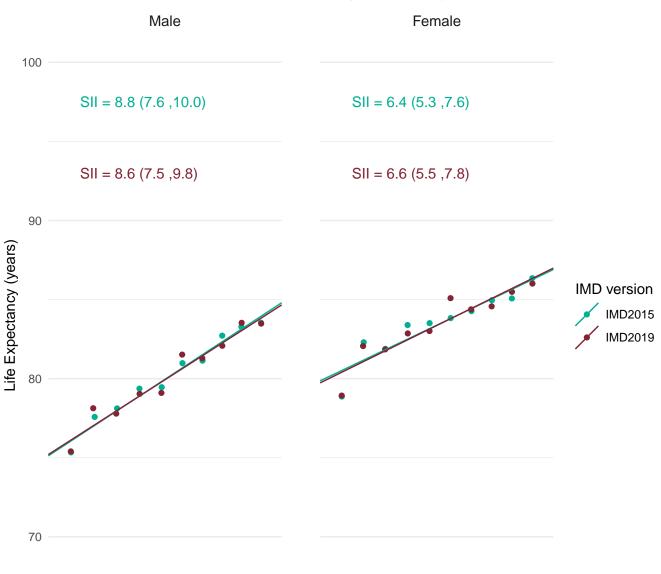


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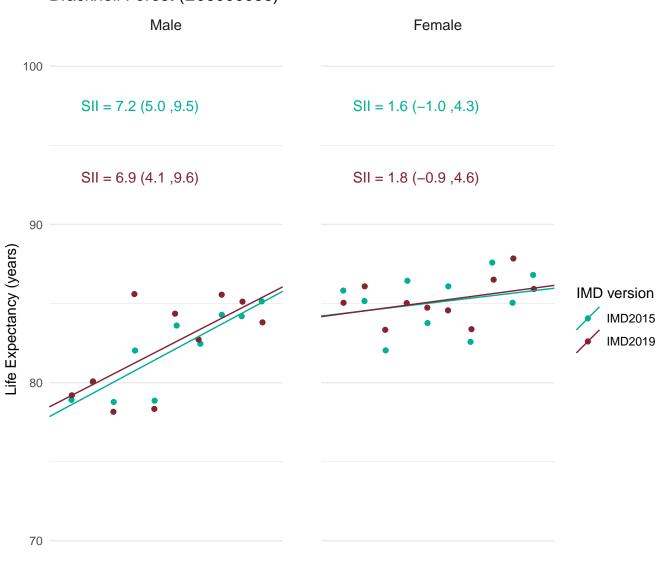
Bournemouth, Christchurch and Poole (E06000058)



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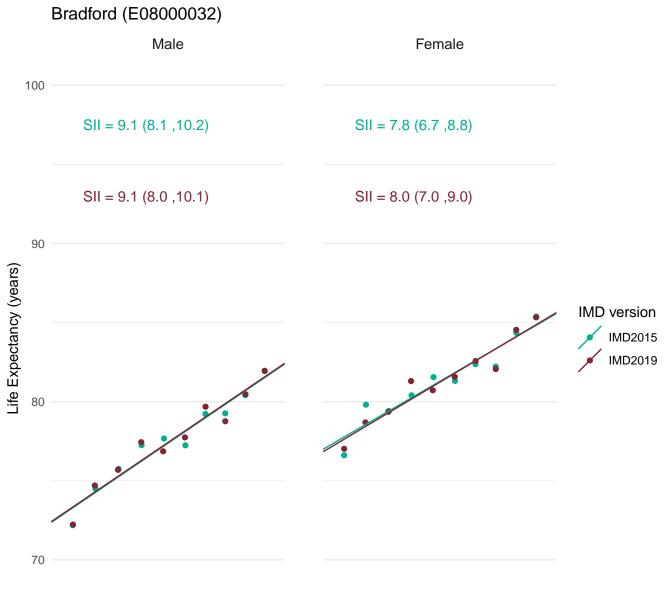
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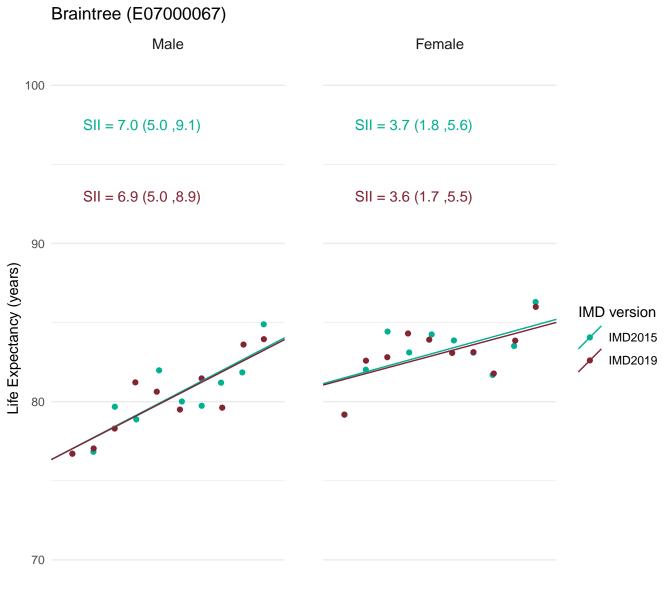


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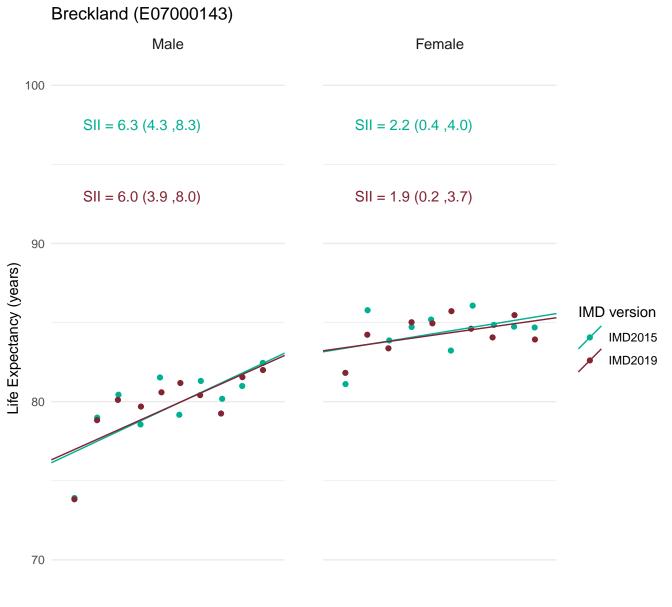
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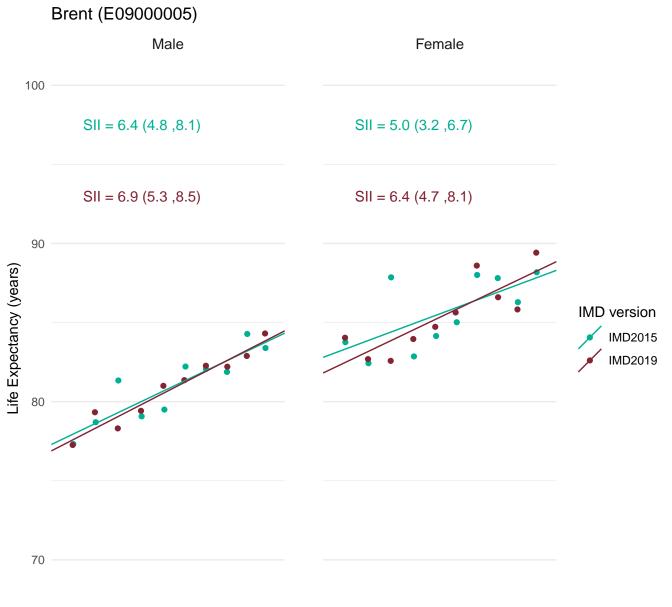
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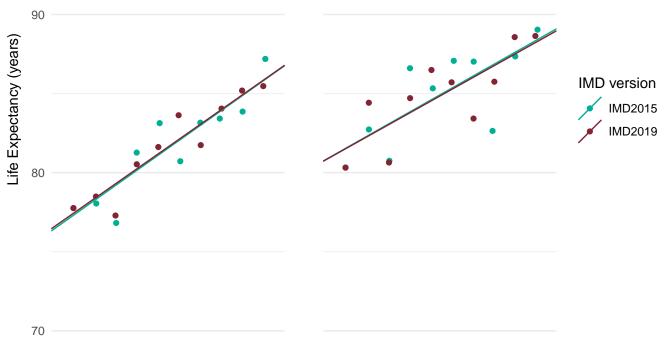


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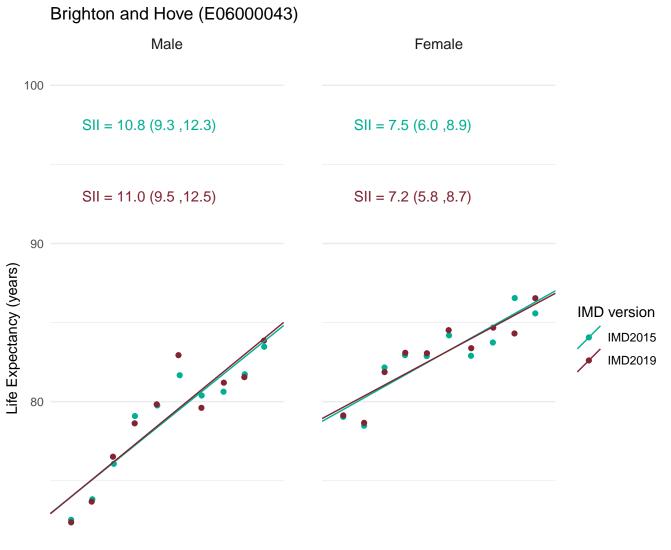
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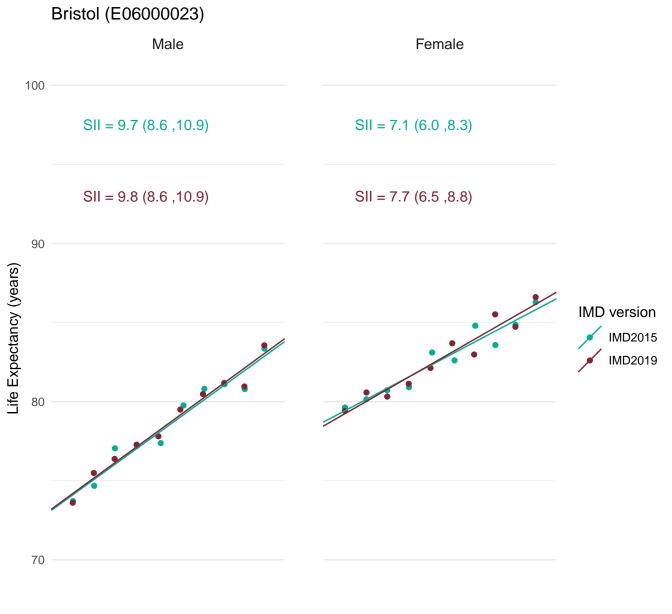
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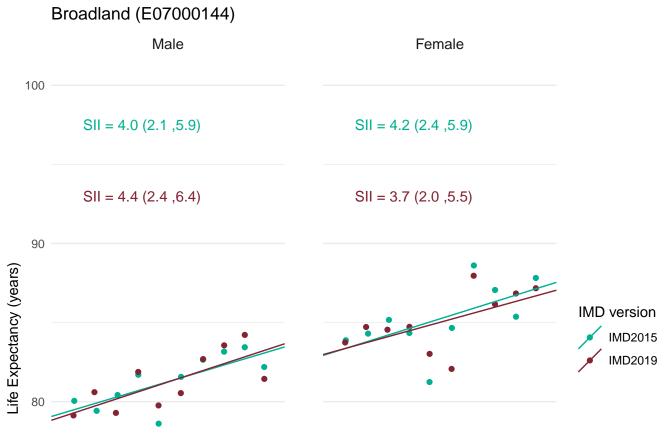




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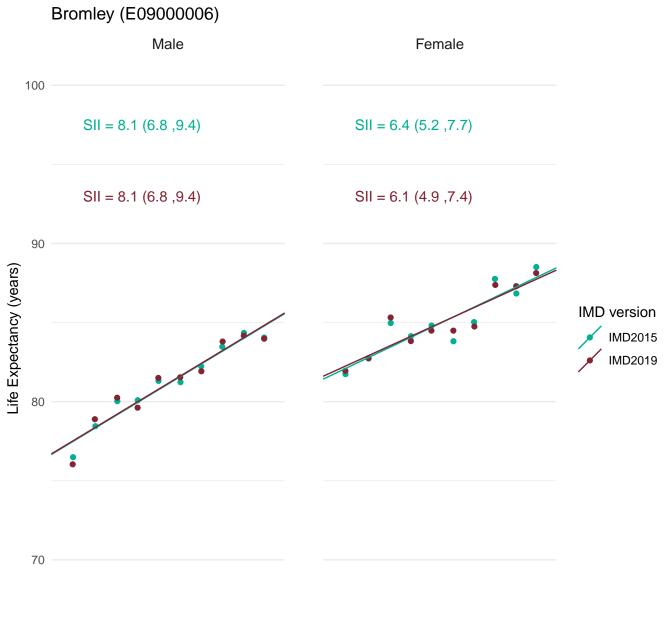
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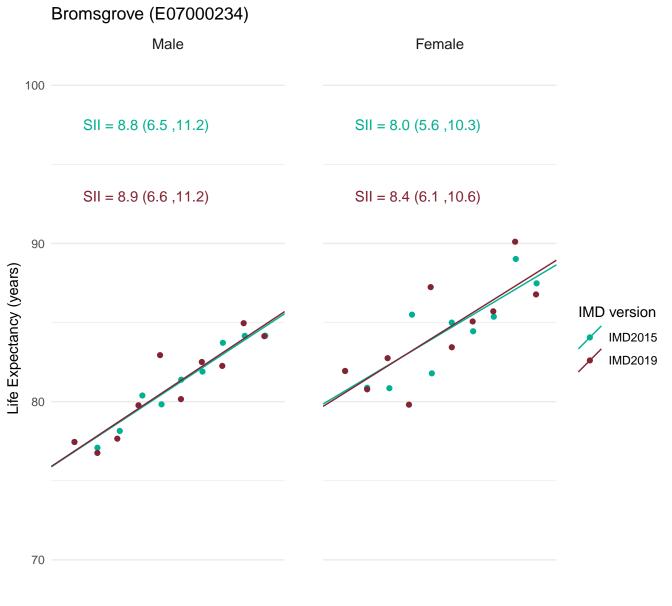
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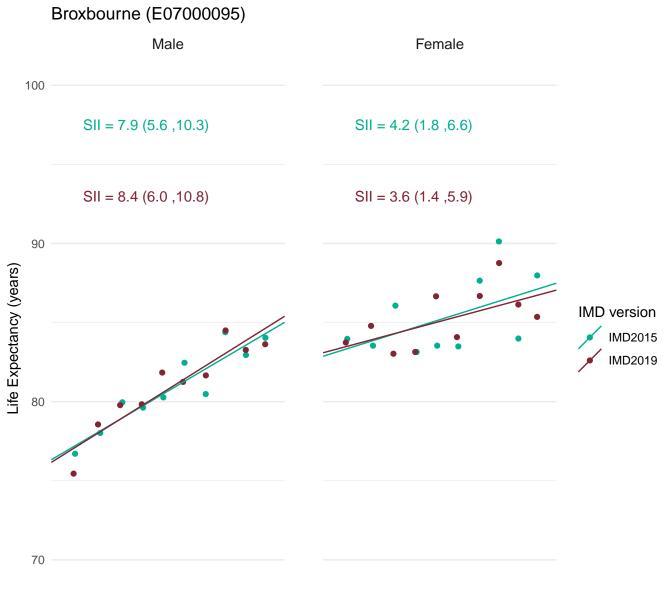
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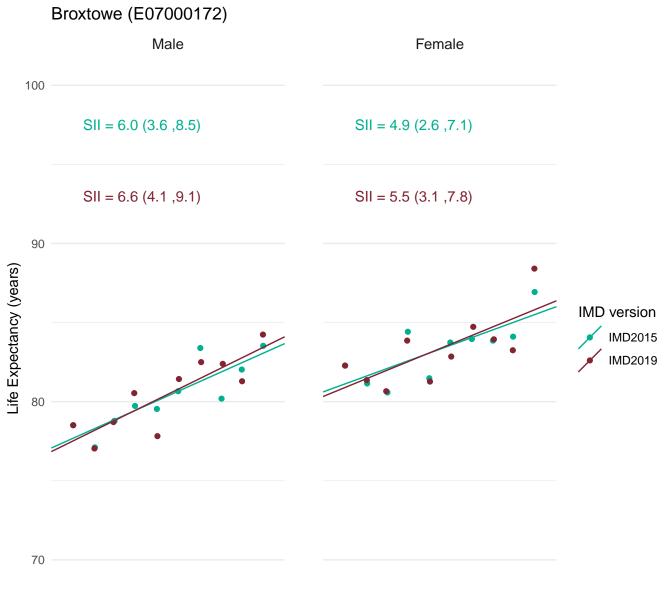
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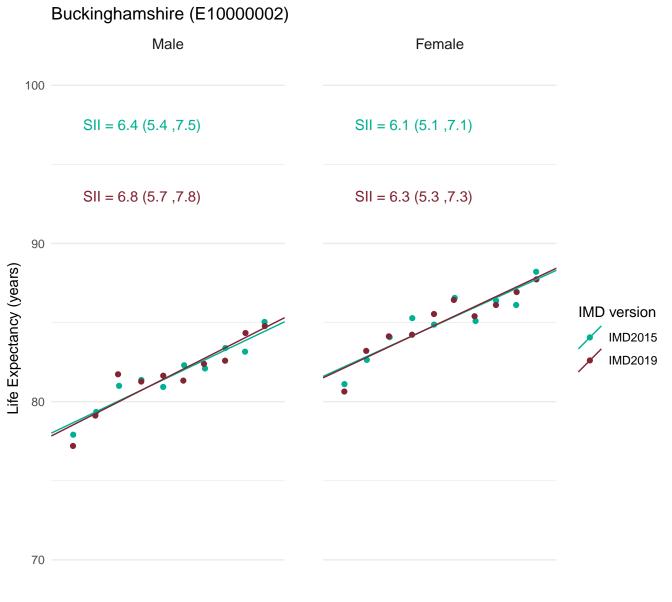
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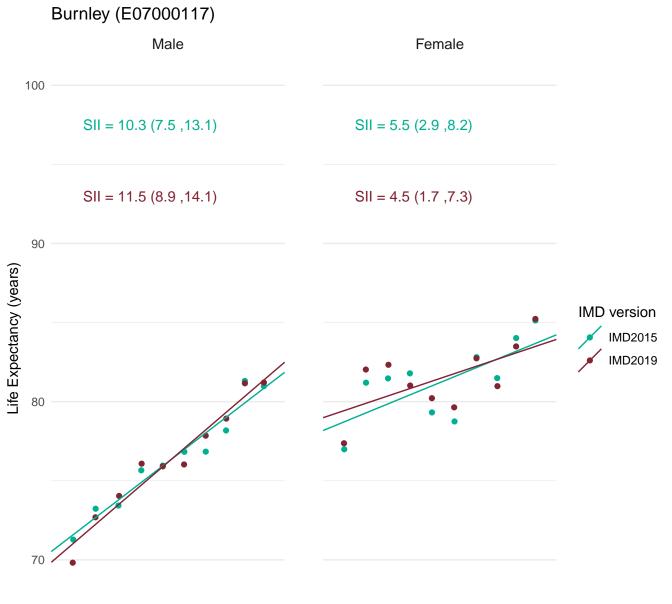
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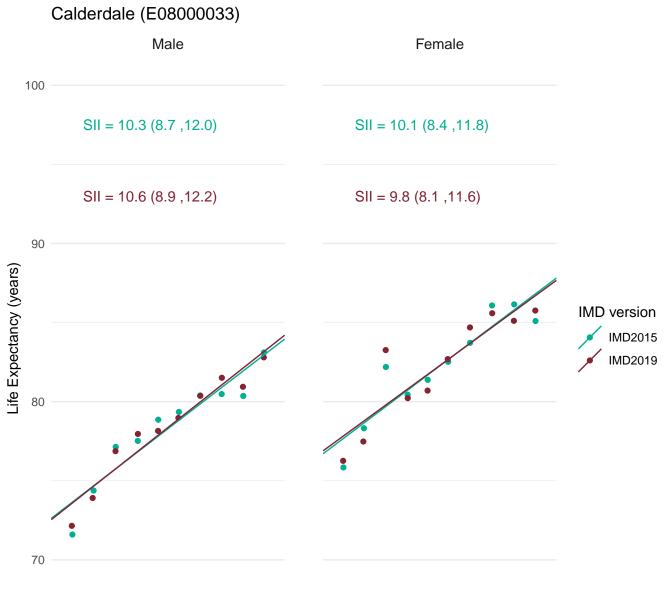
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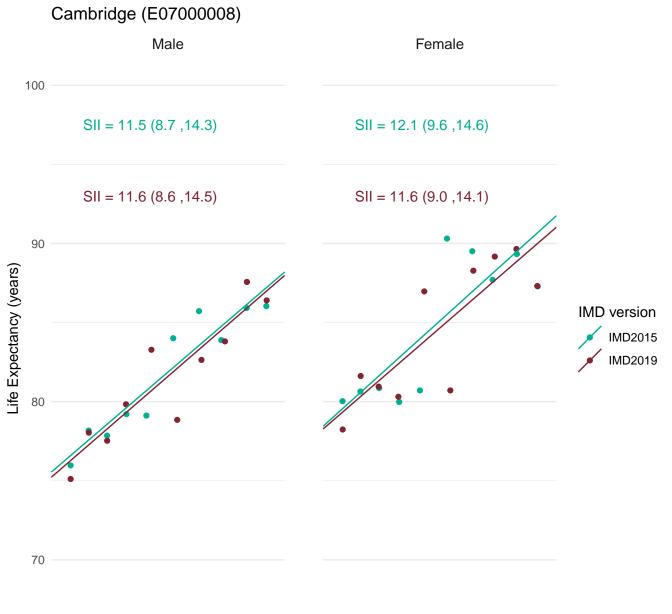
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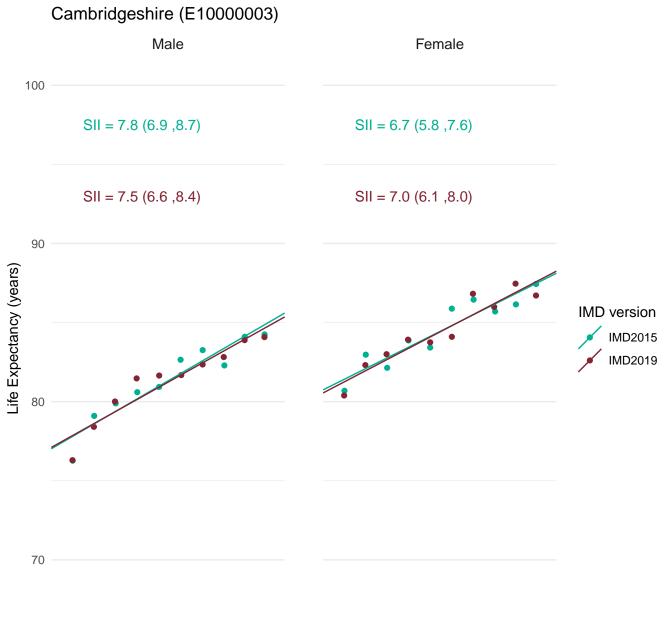
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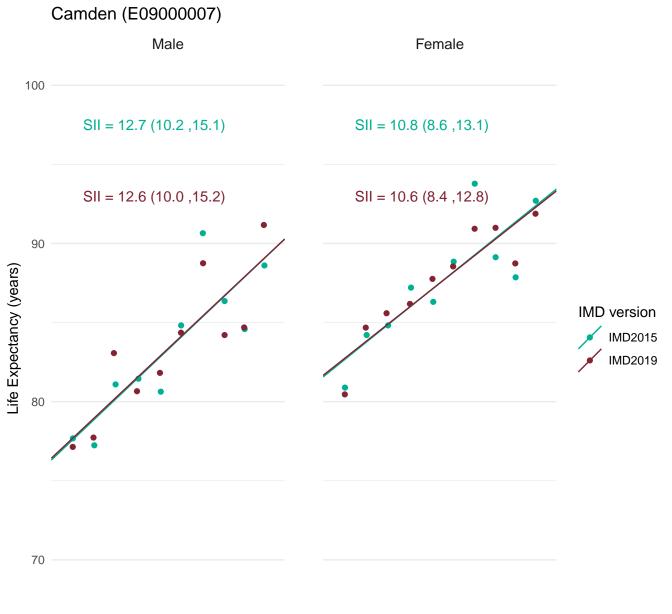
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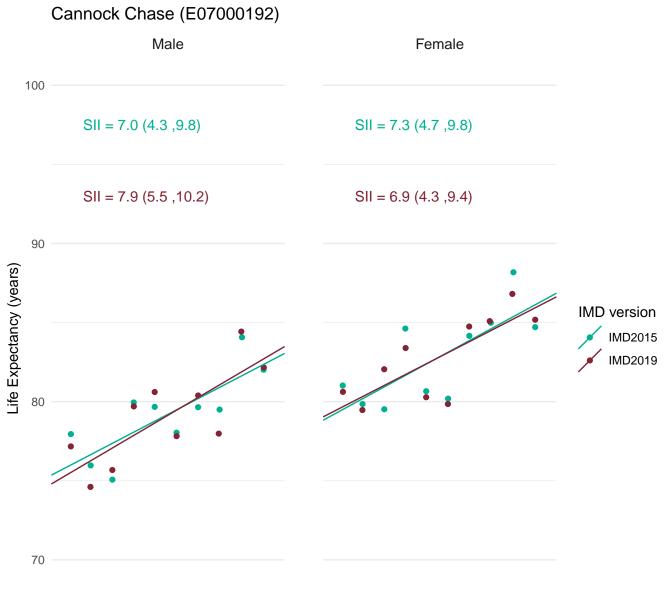
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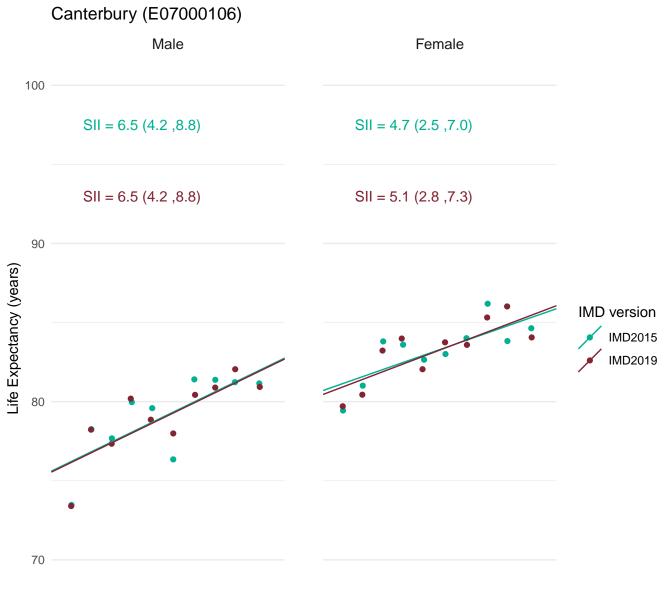
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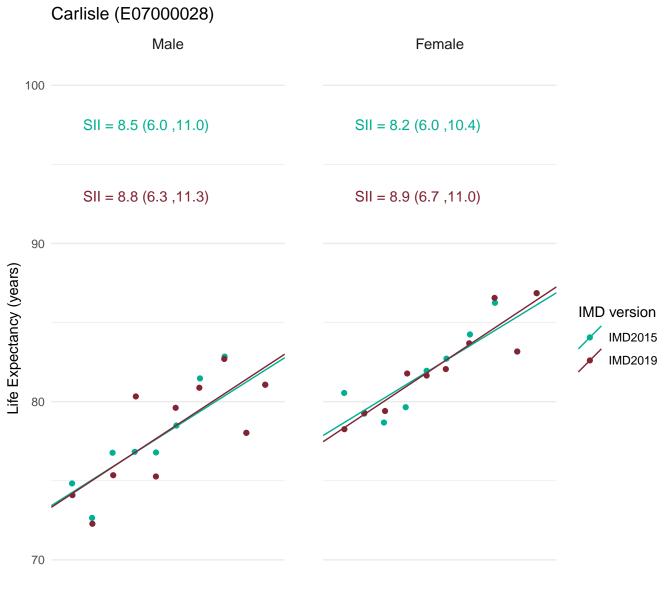
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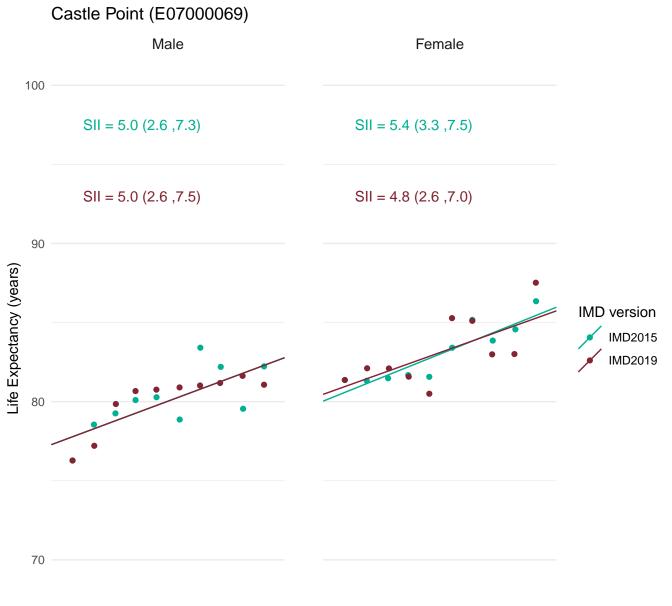
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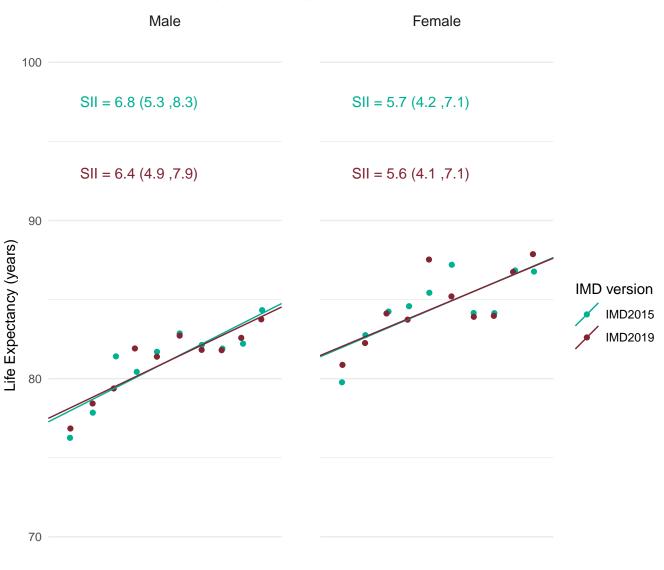


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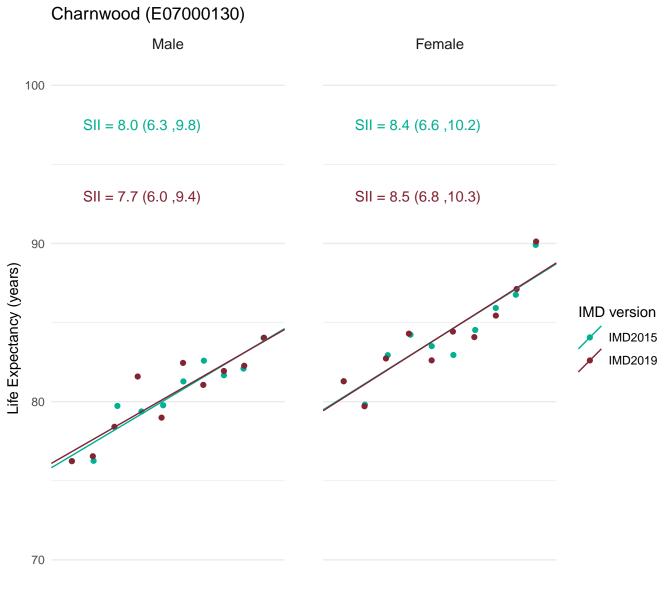


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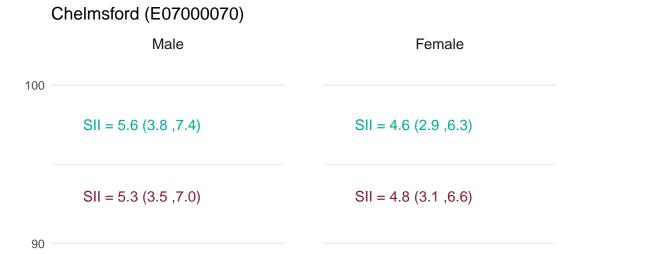
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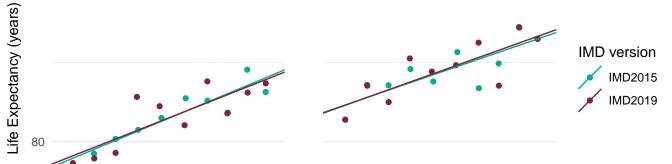


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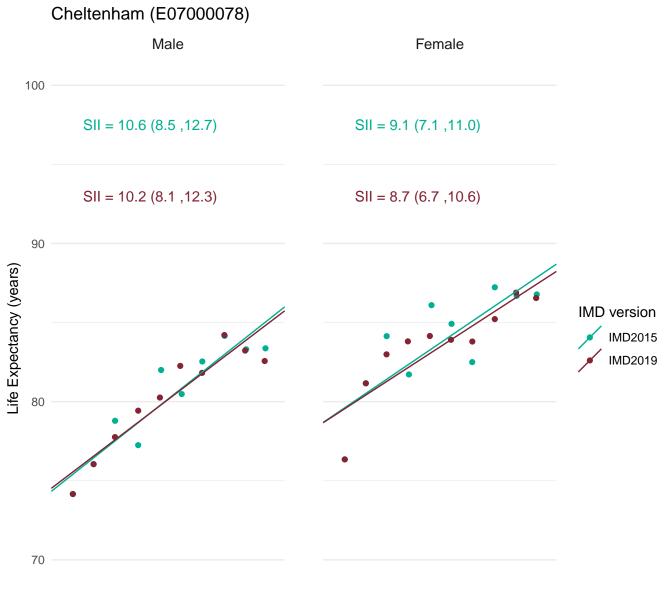




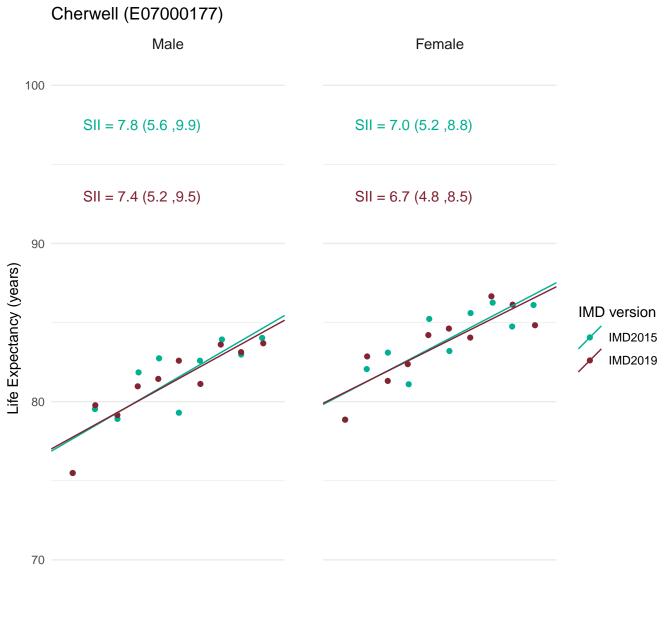
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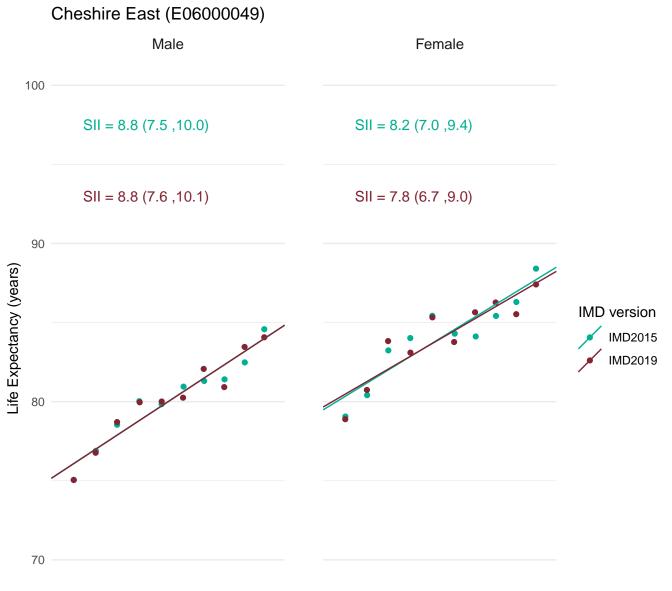
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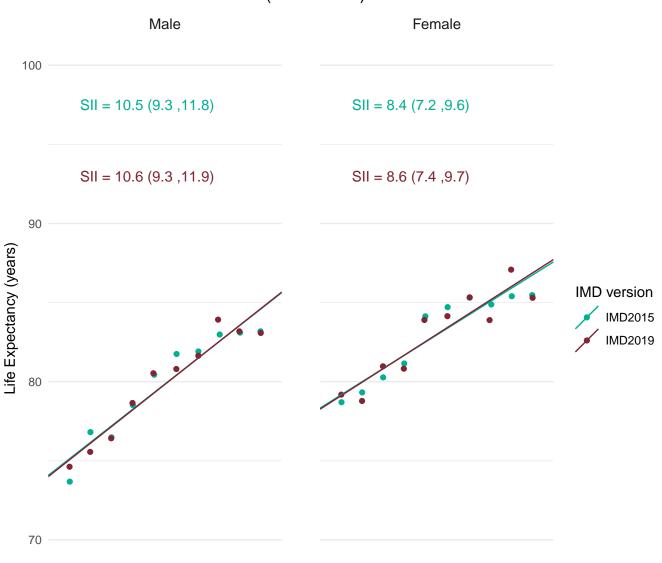
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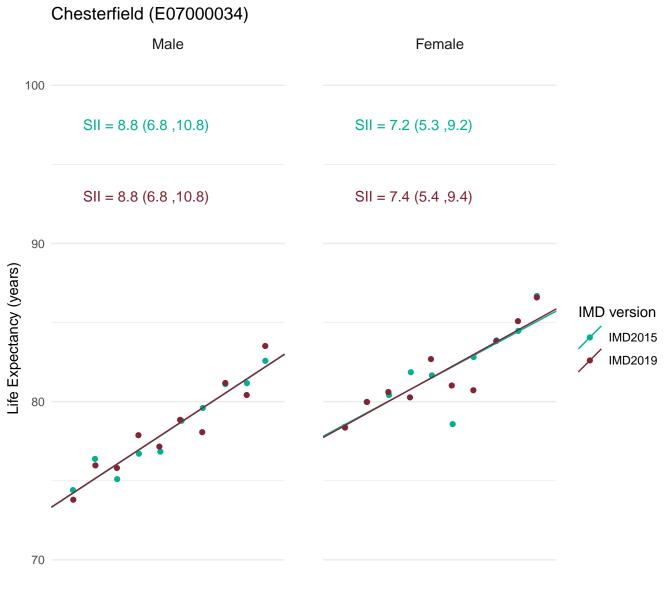
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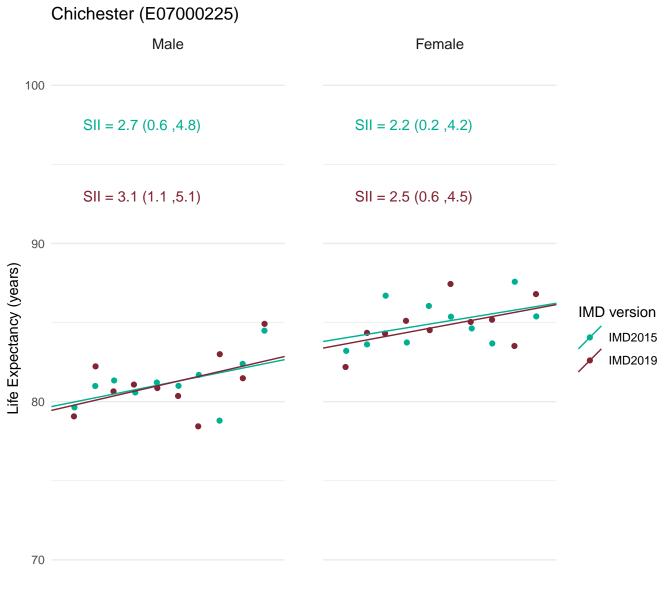


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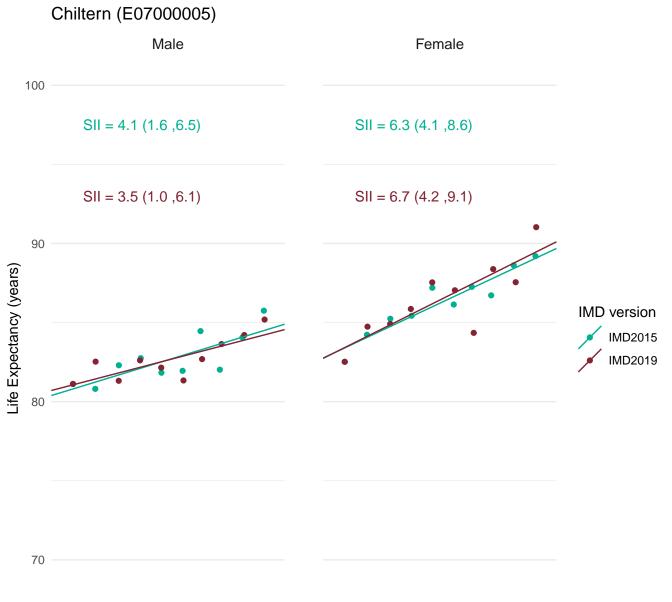
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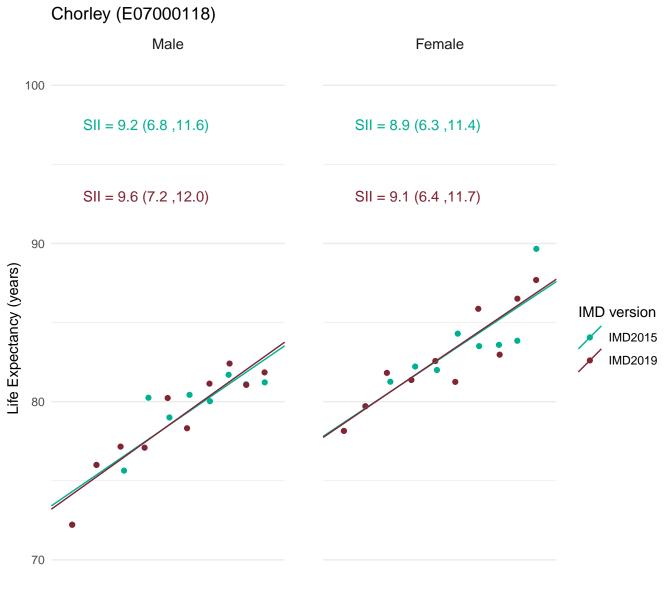
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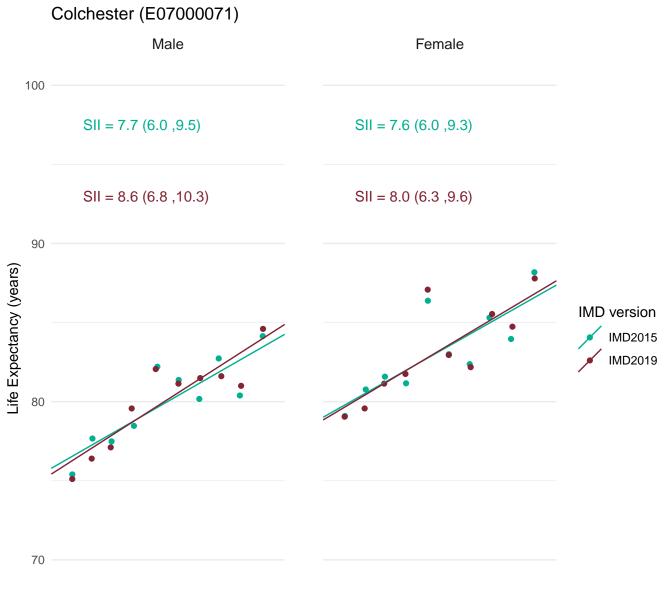
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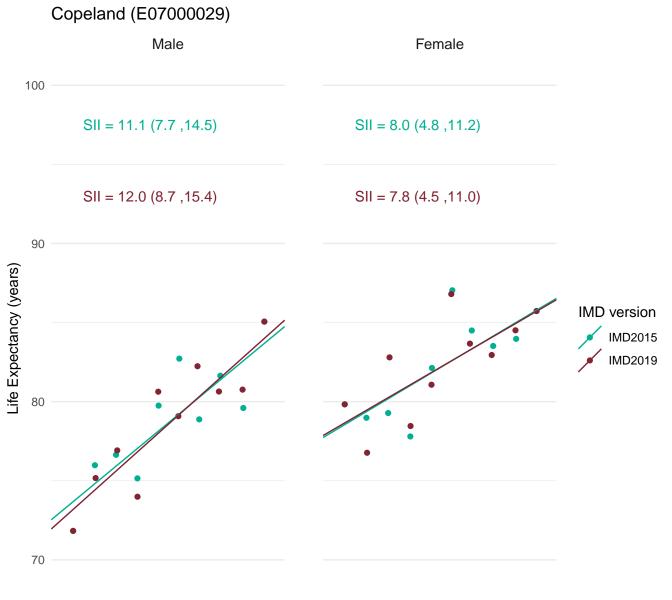
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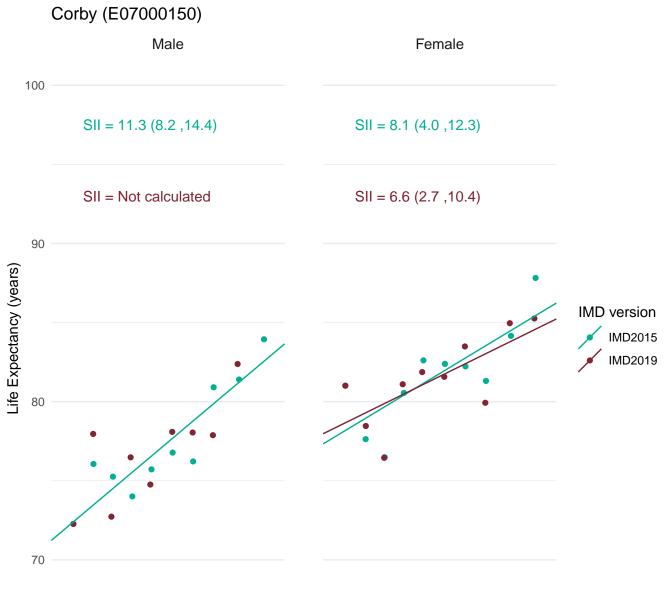
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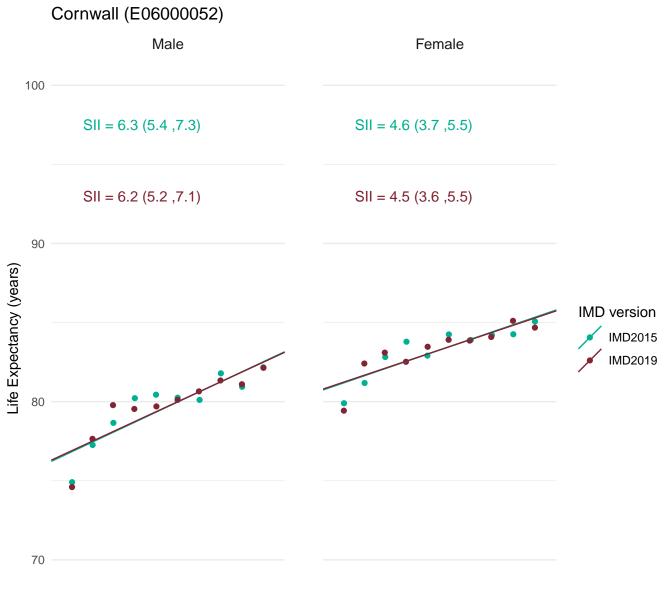
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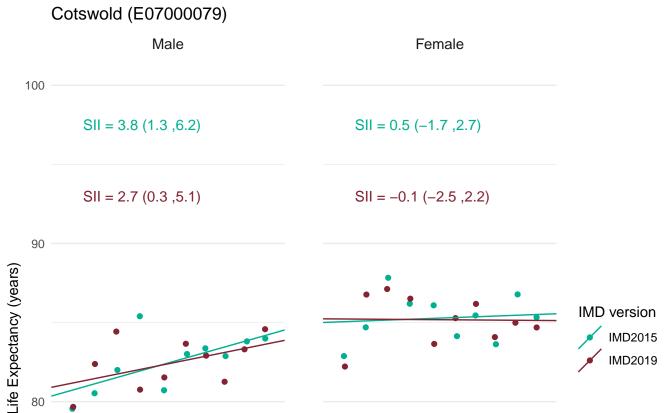
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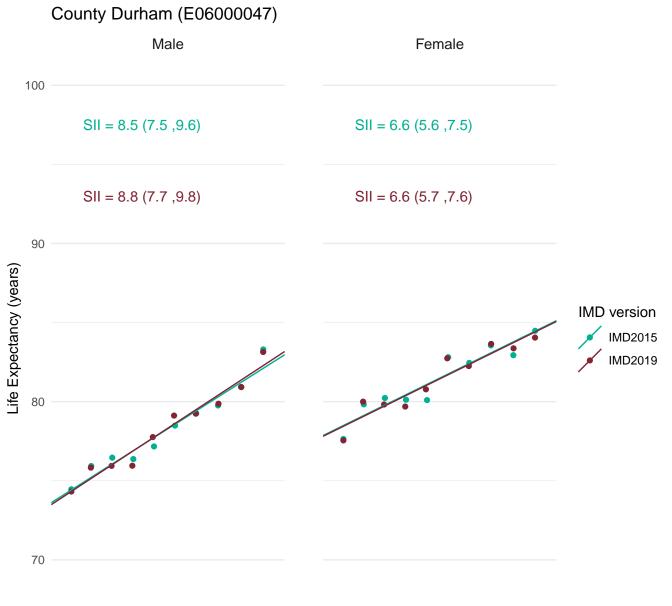


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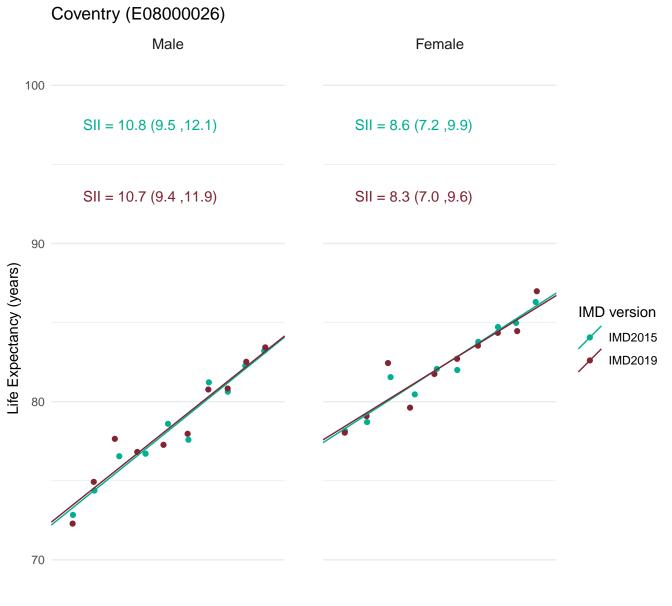
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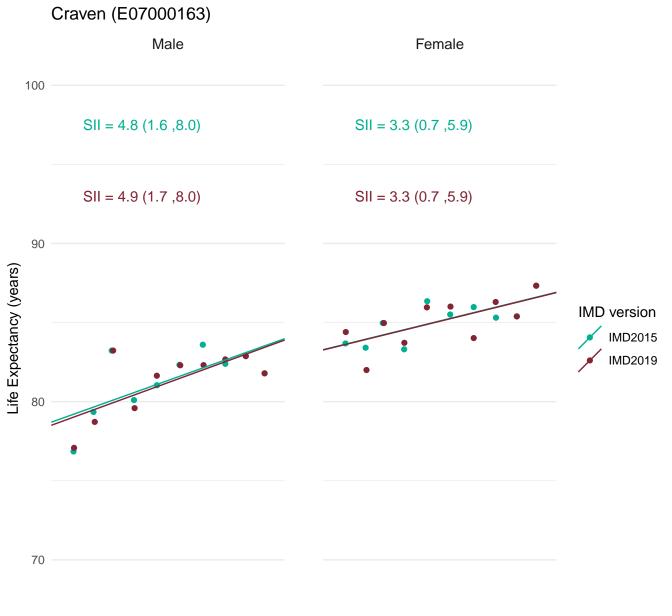
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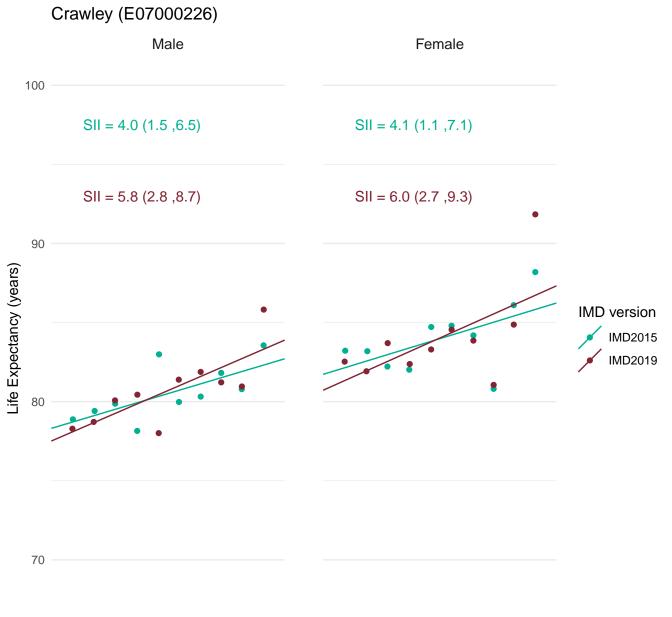
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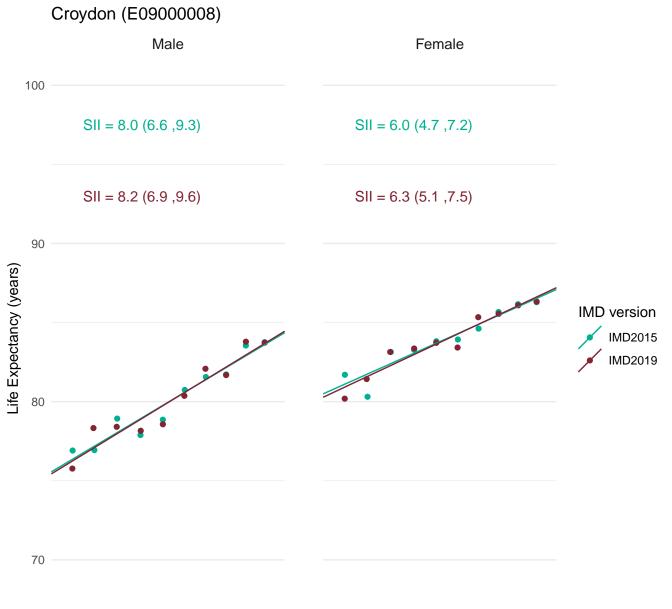
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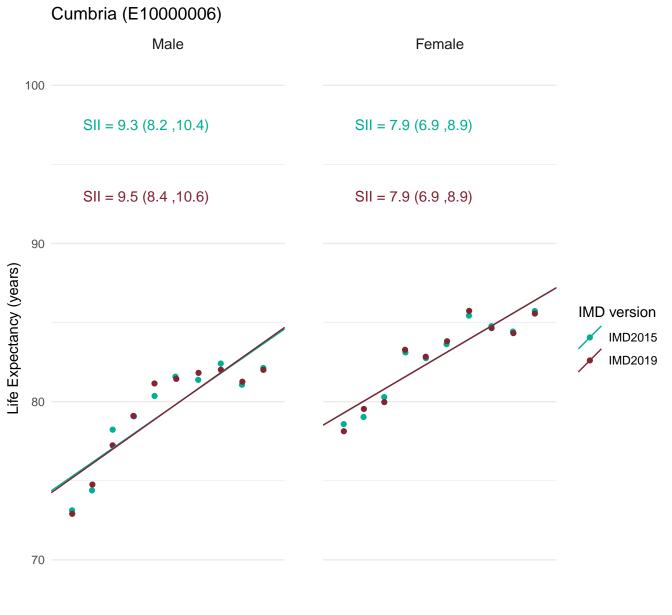
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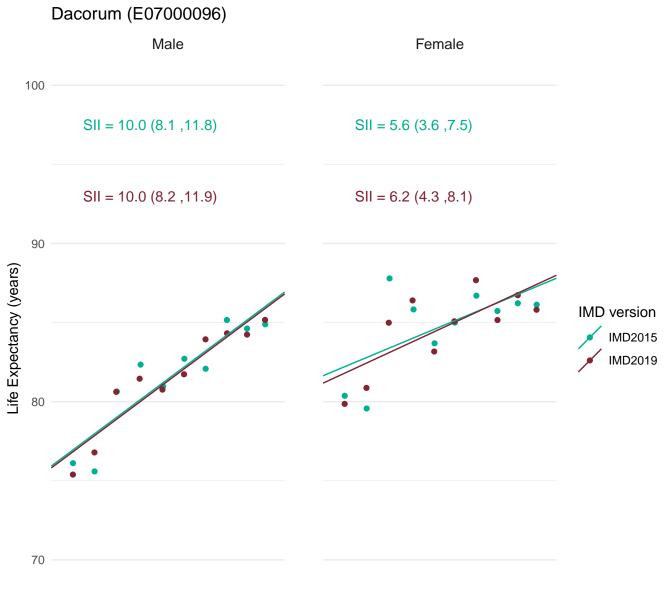
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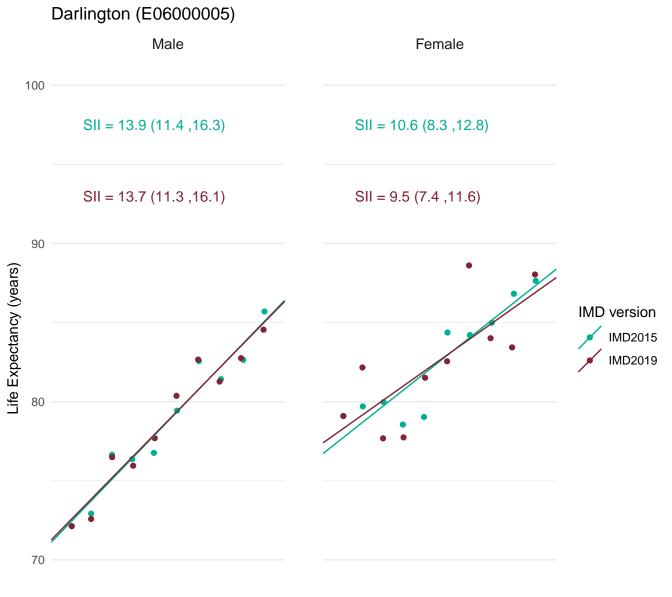
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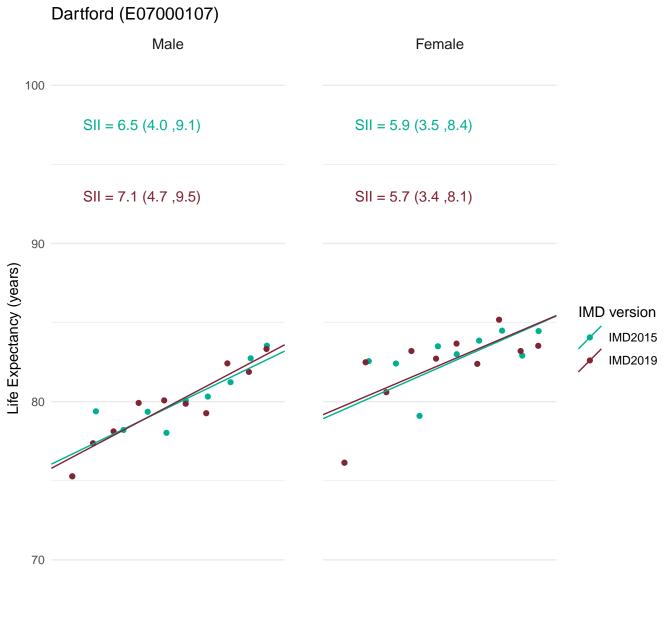
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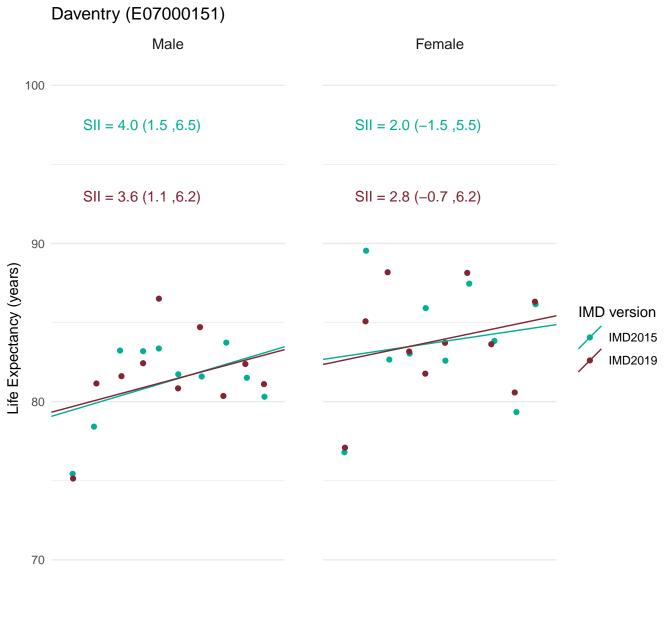
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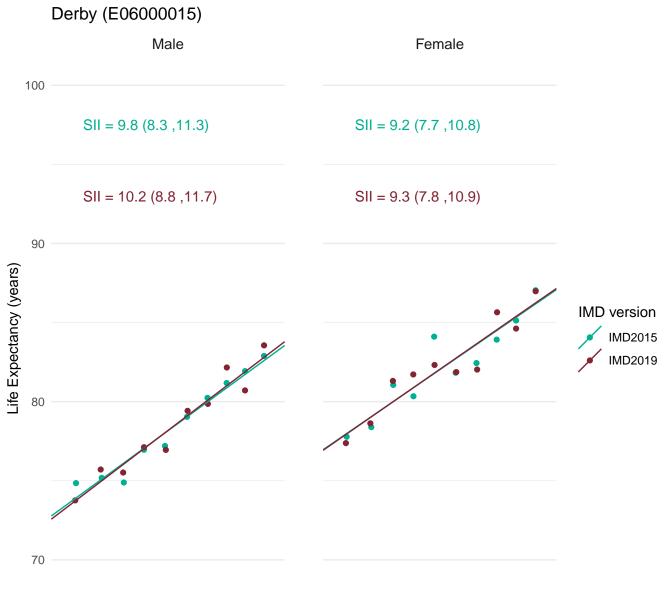
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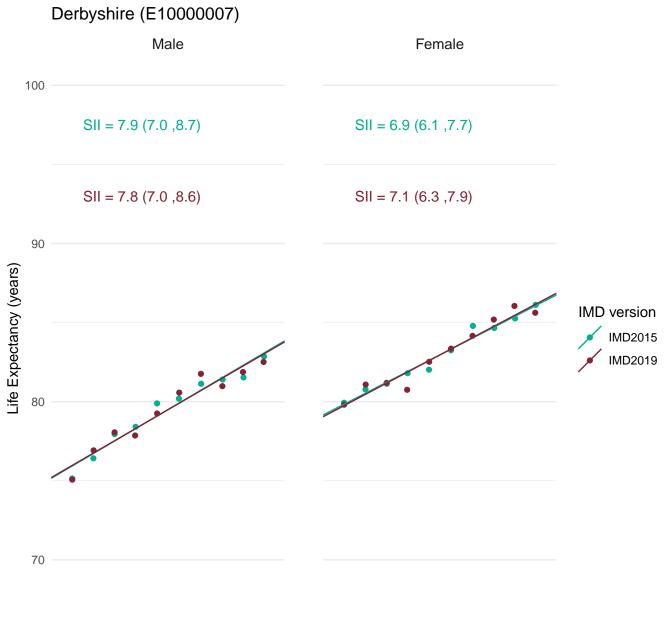
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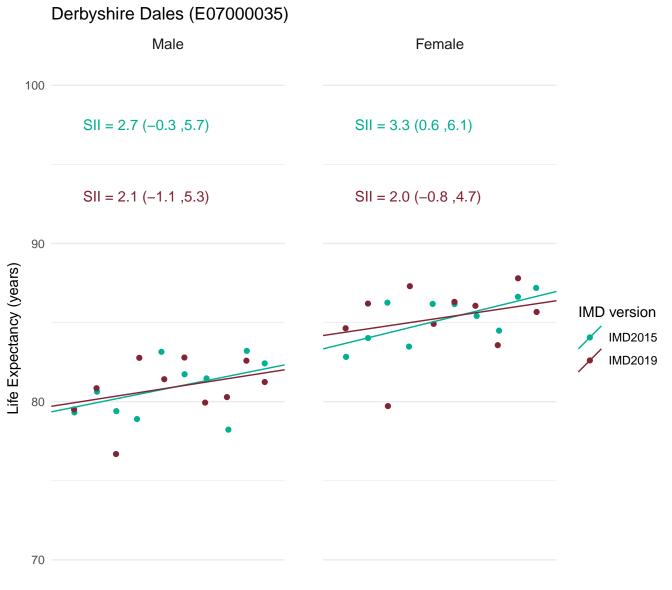
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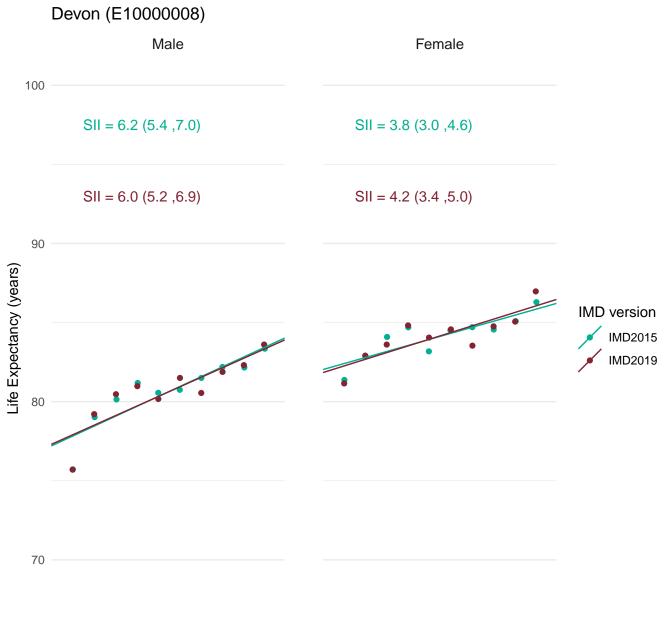


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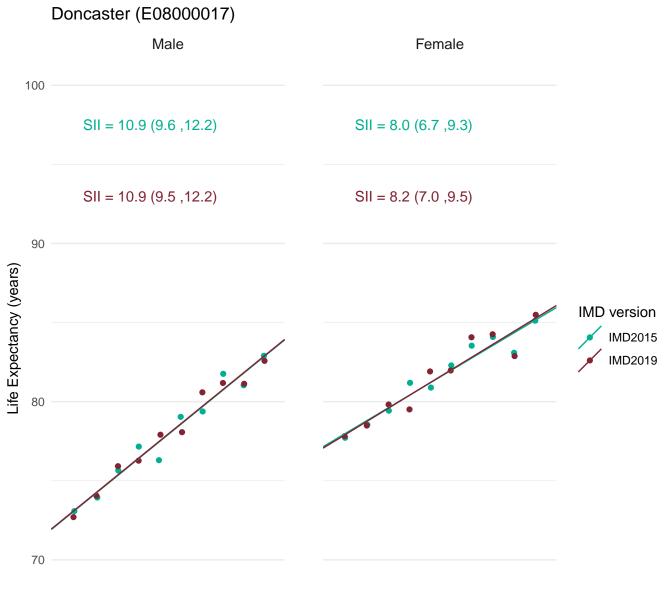


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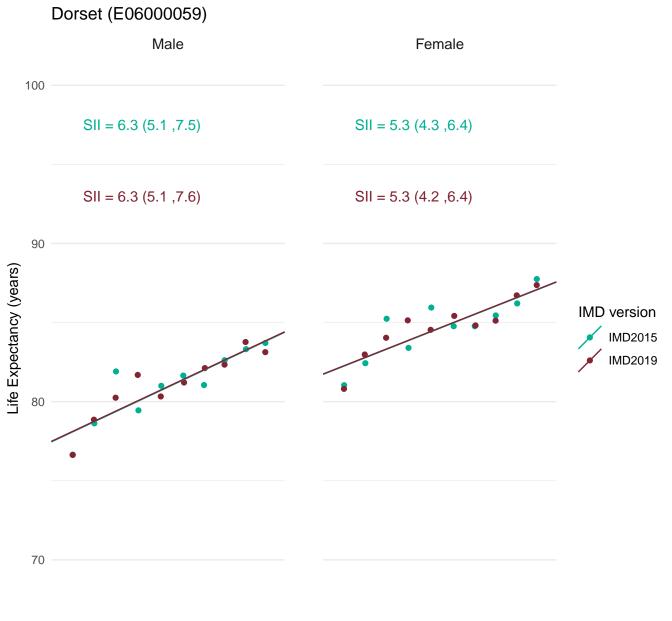
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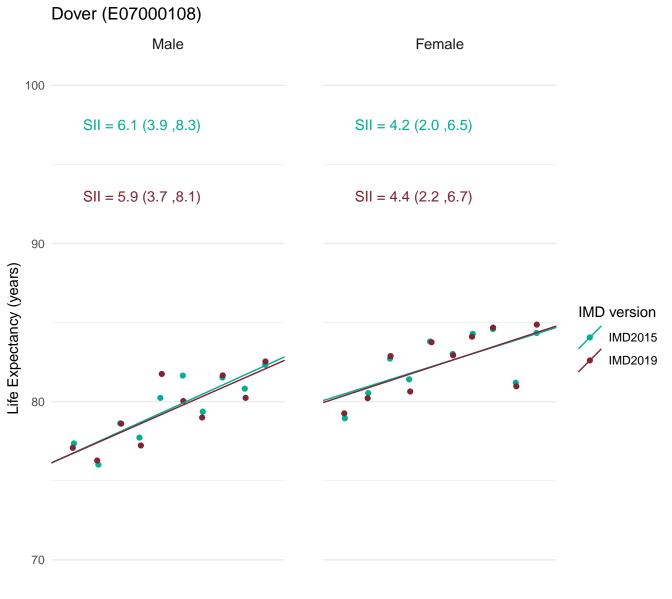
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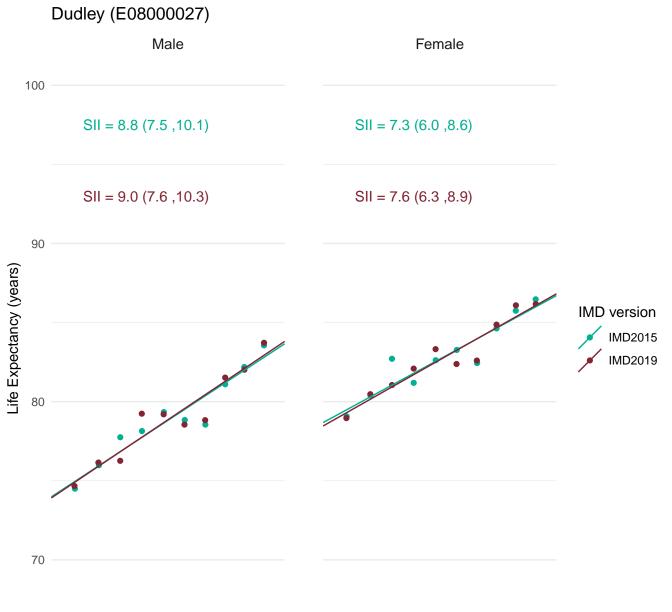
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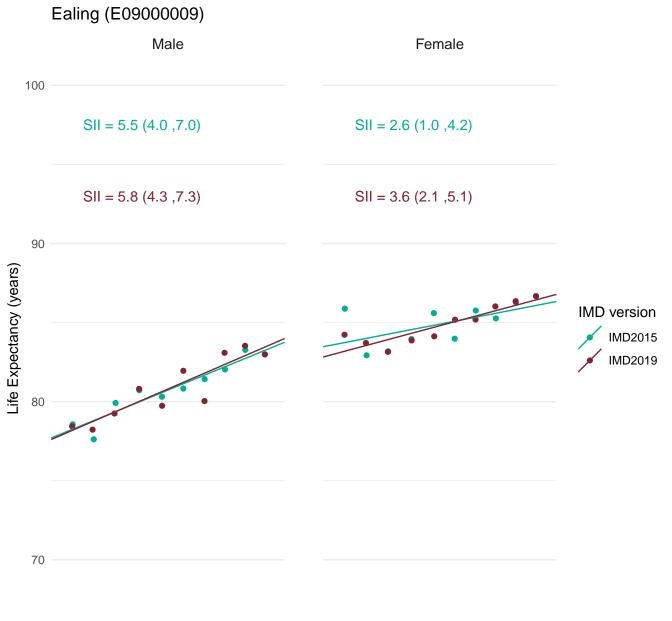
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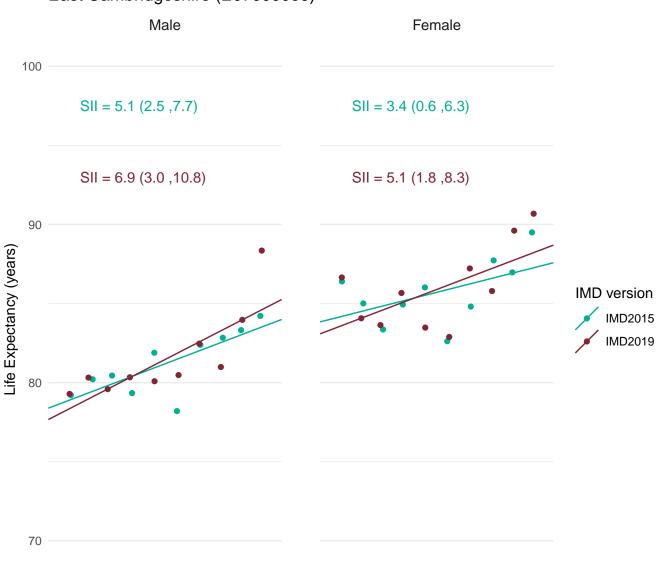


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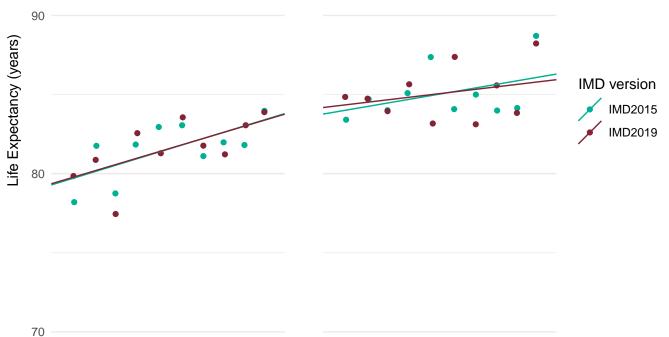
East Cambridgeshire (E07000009)



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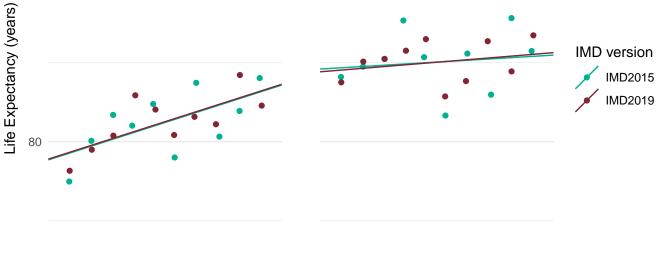
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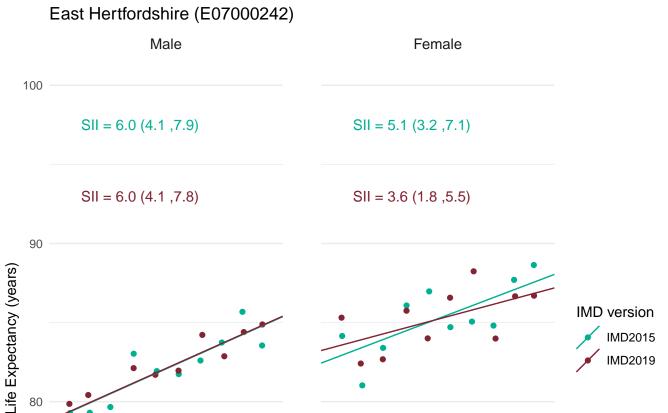




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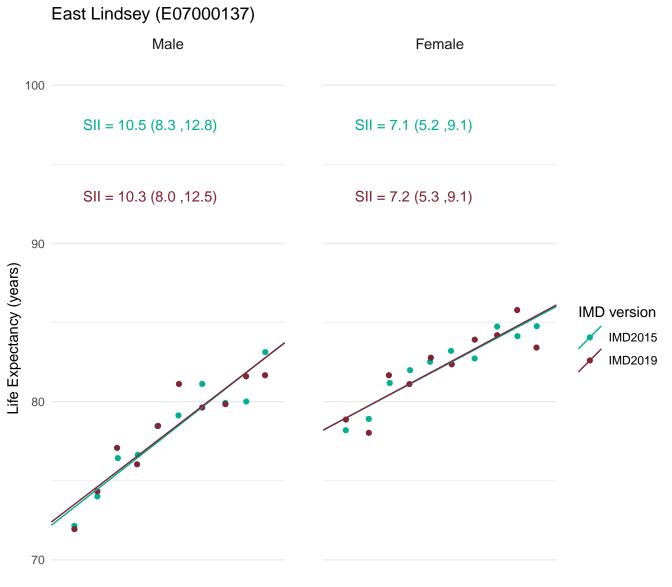


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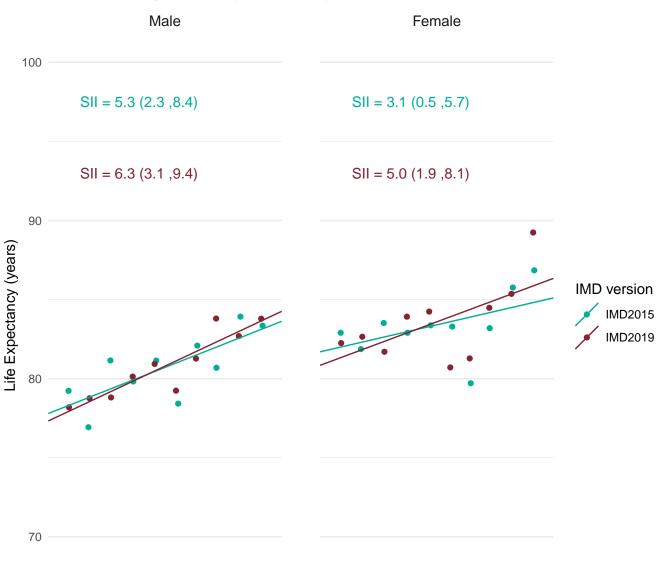
Least deprived

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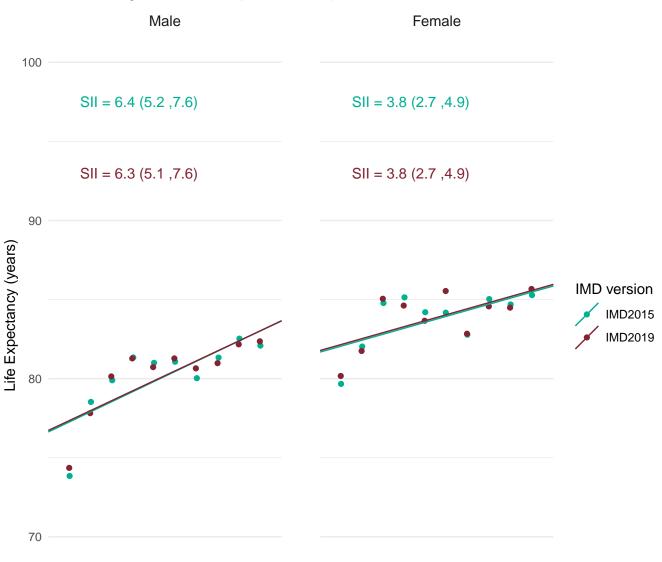
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East Northamptonshire (E07000152)

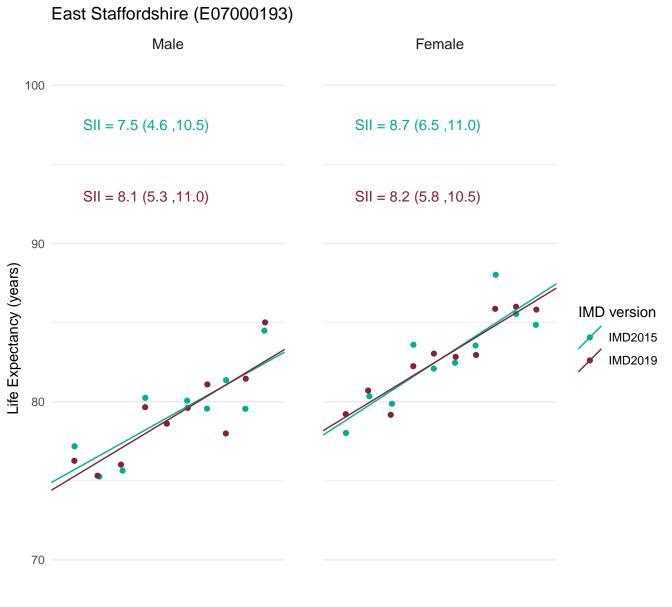


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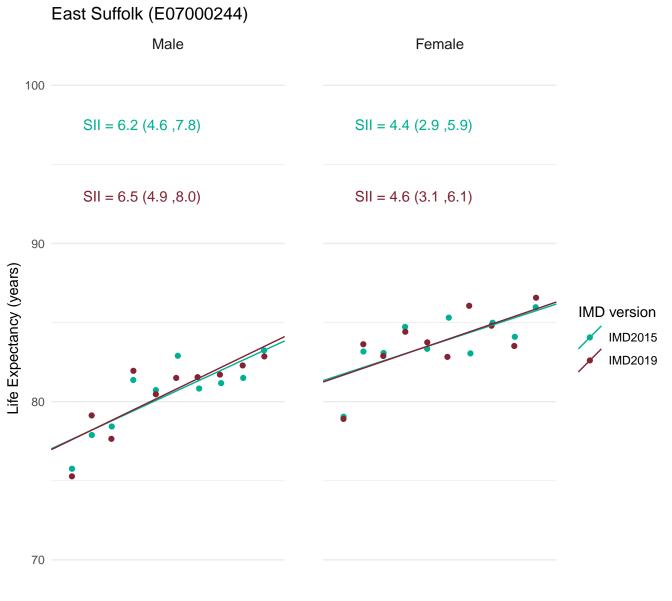




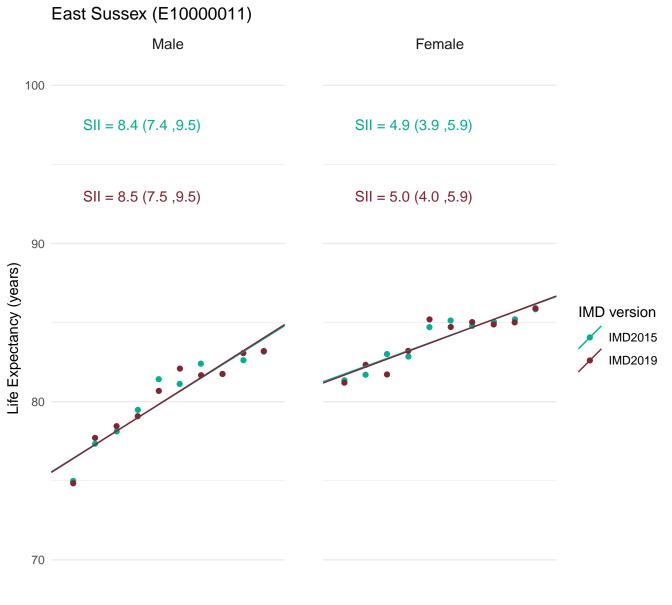
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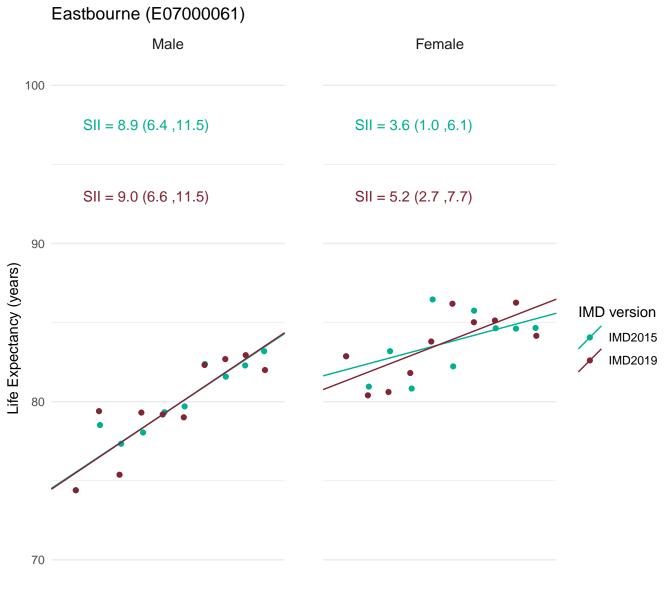
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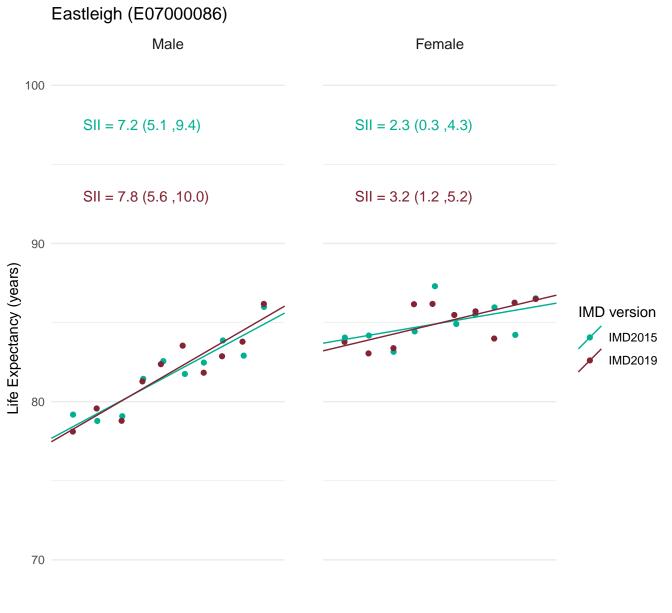
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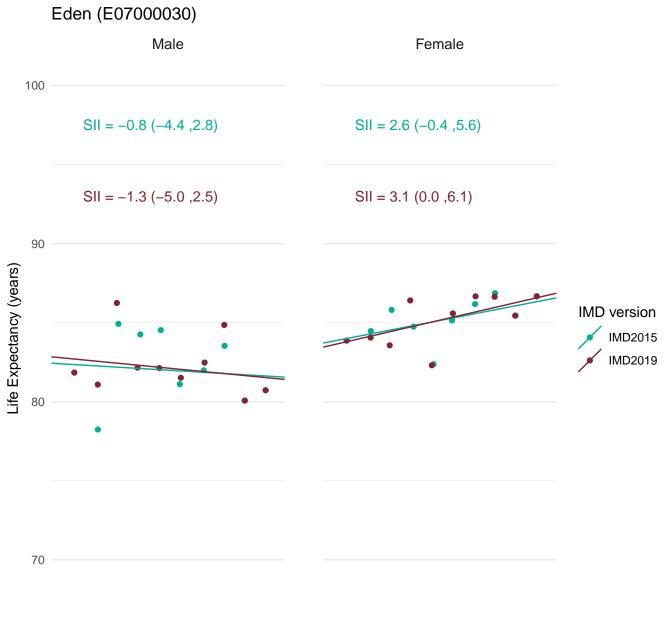
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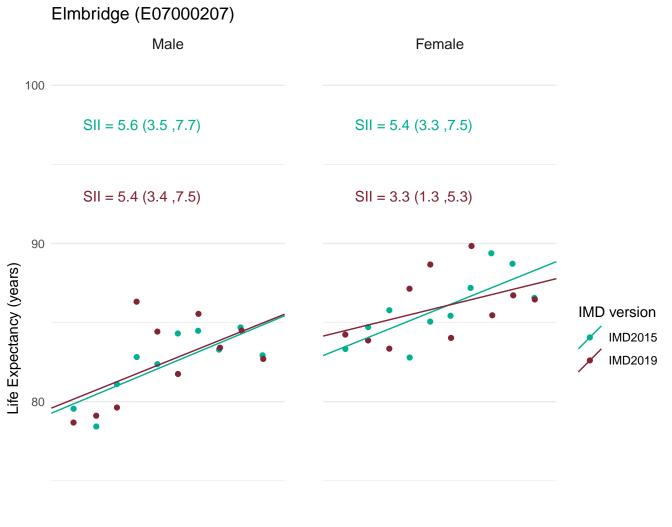
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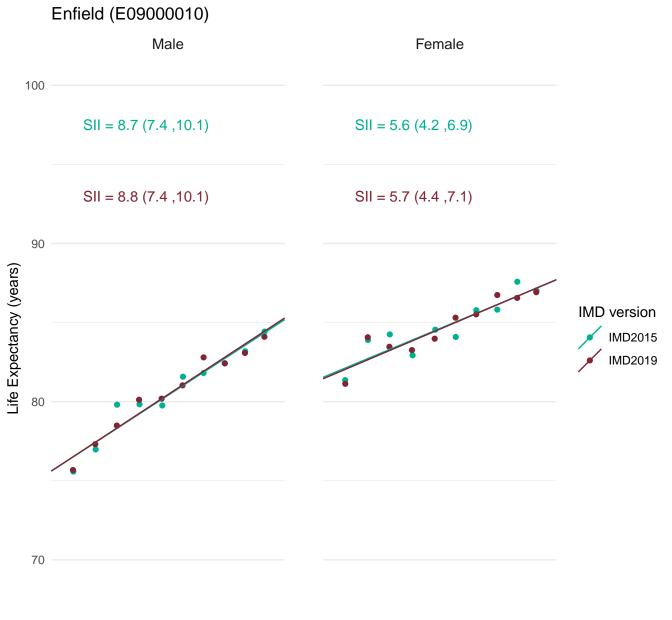
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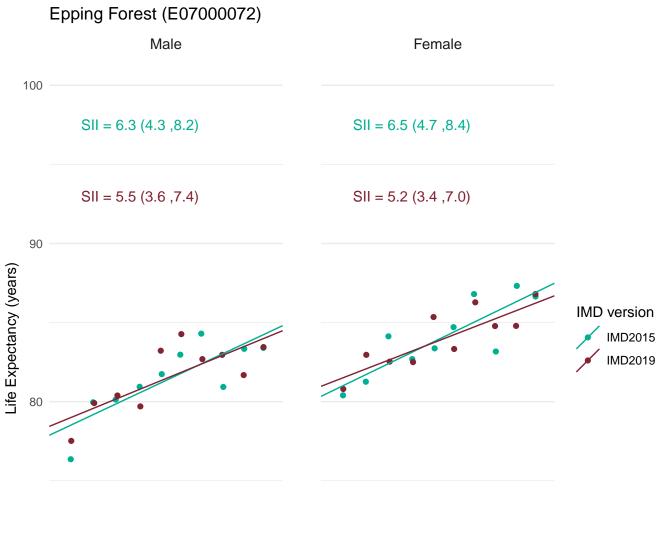
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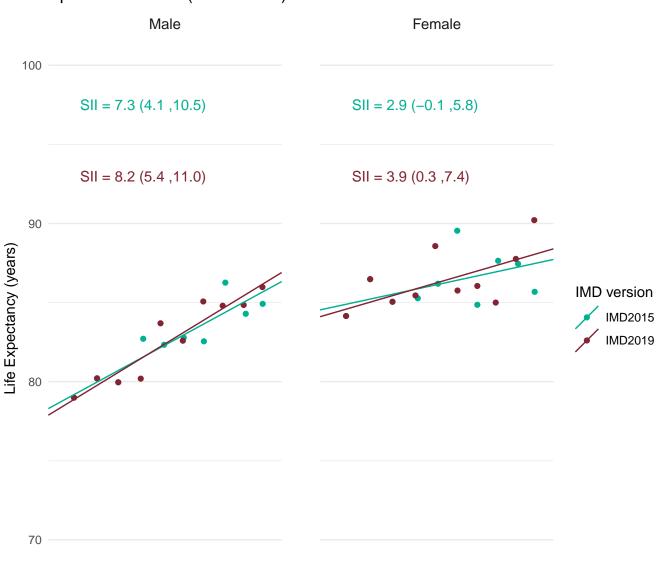


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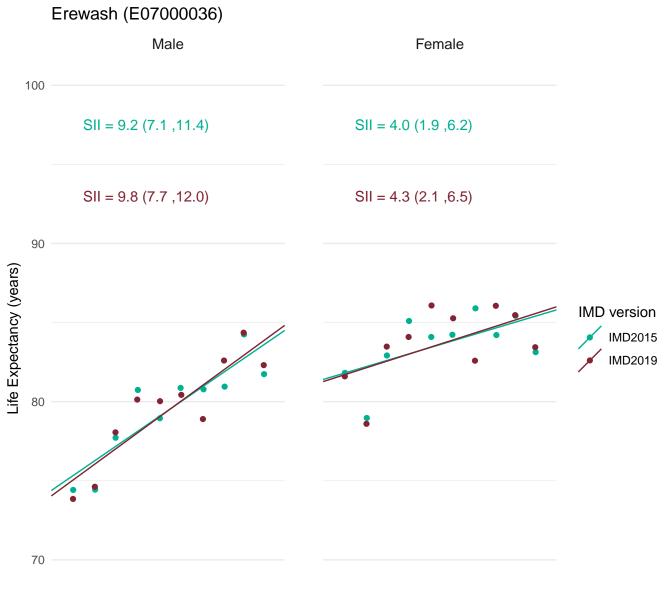
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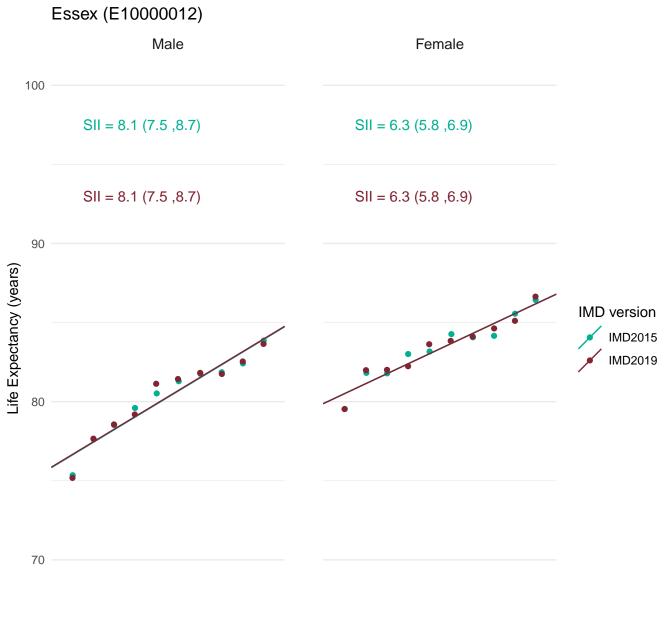




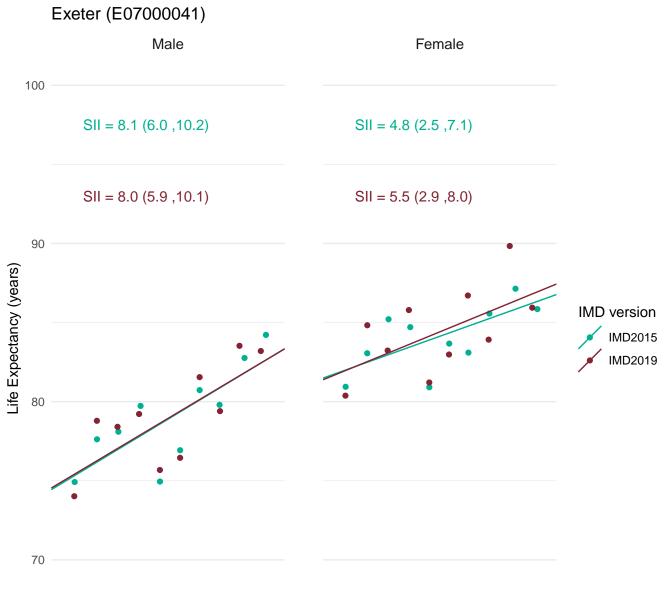
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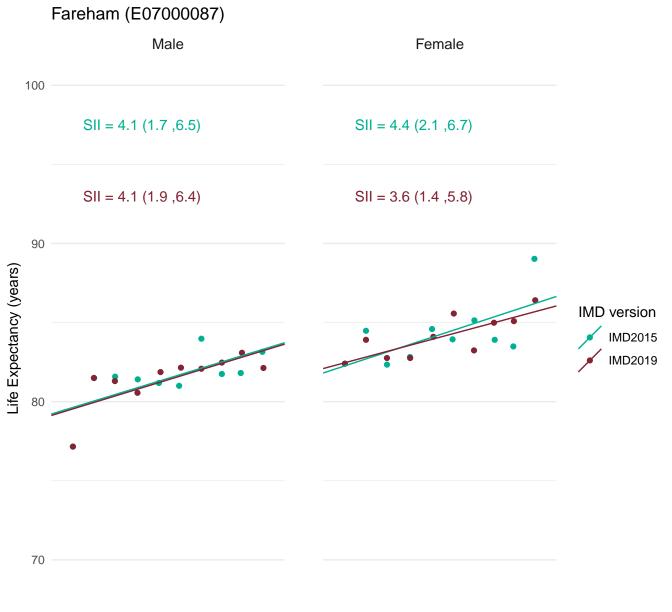
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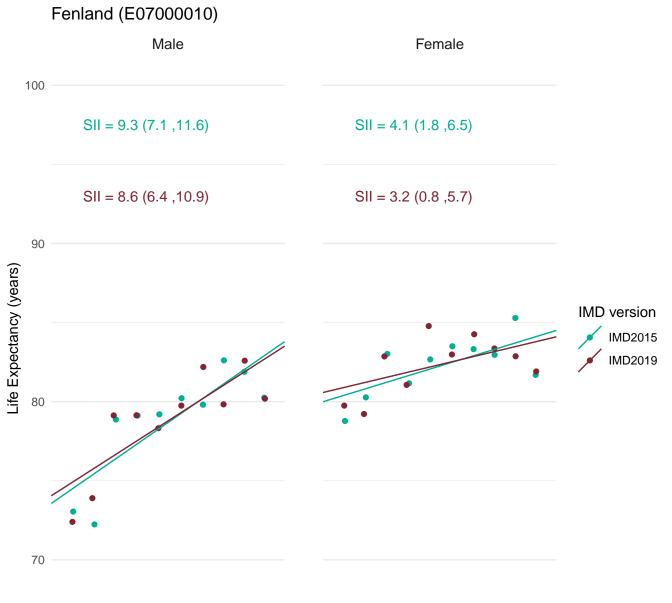
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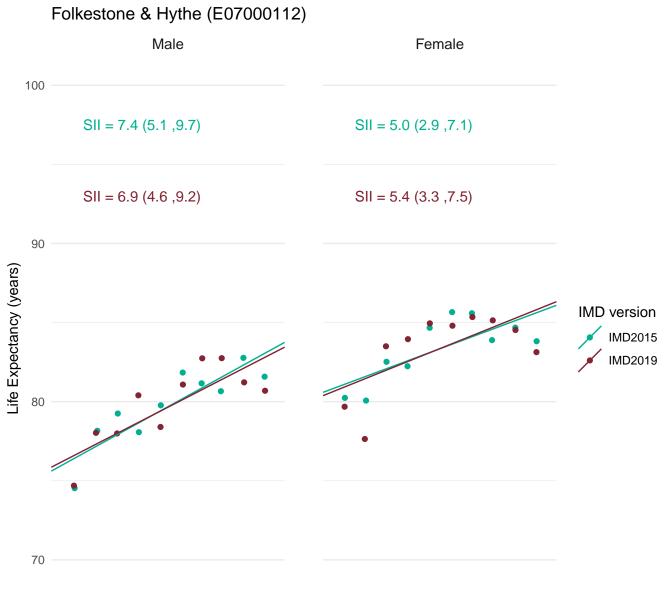
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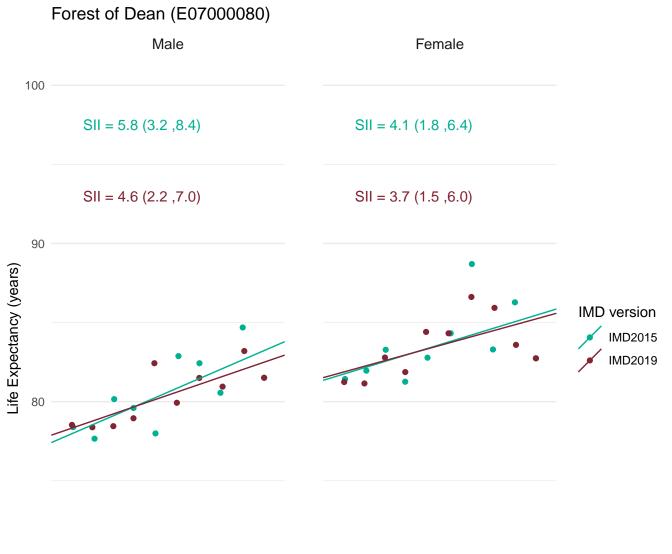
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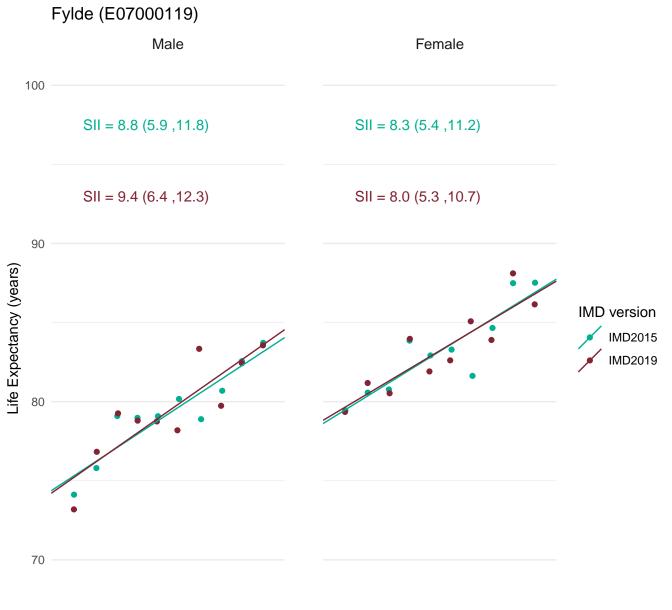
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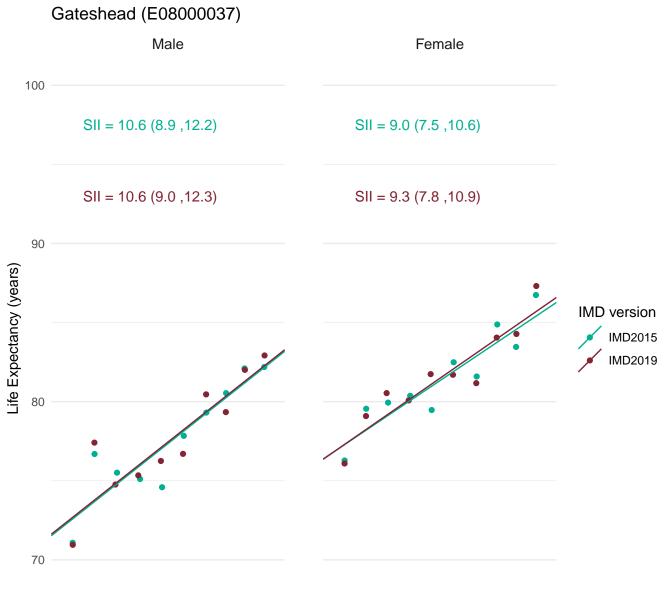
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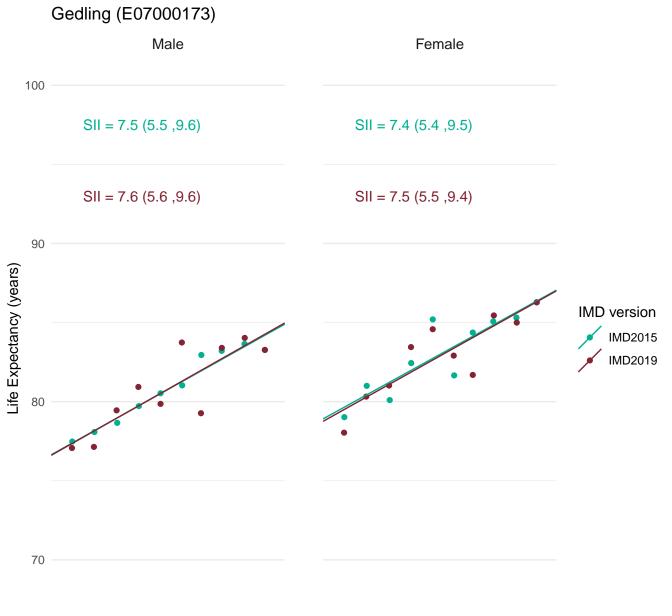
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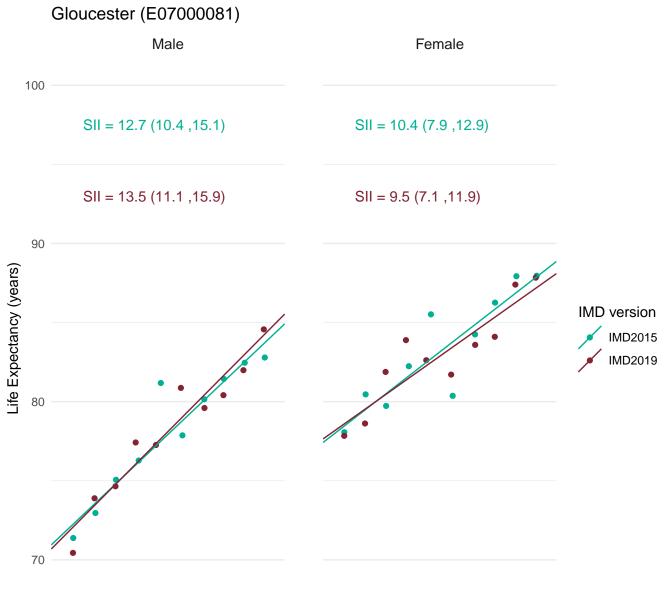
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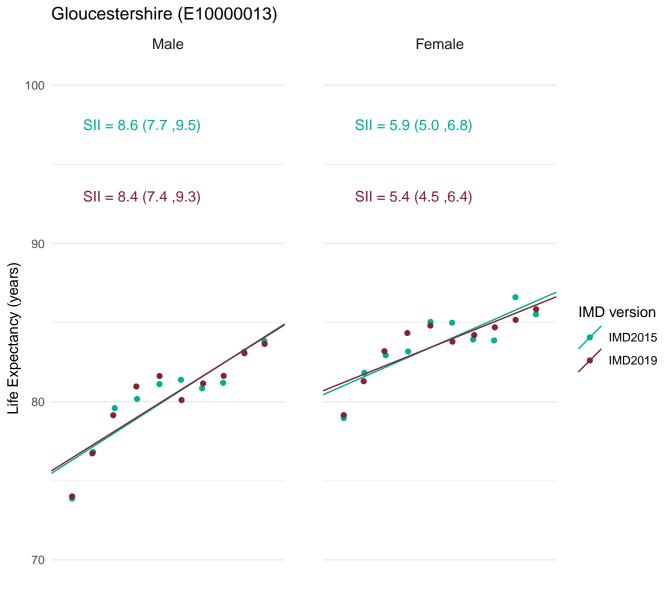
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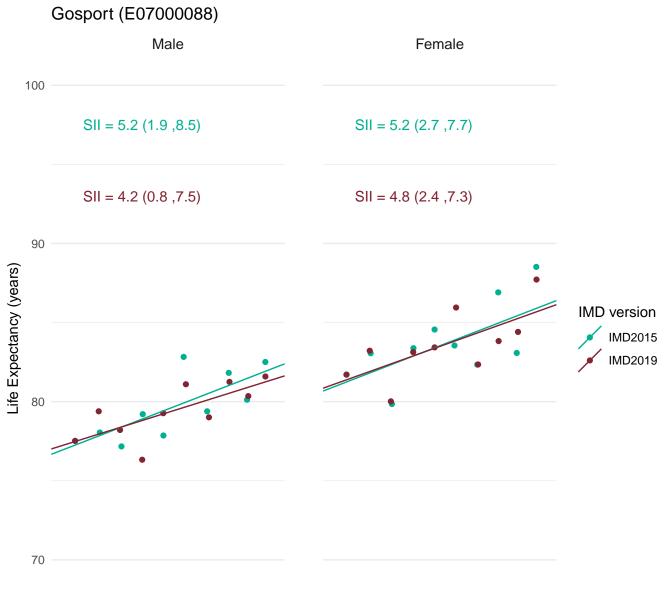
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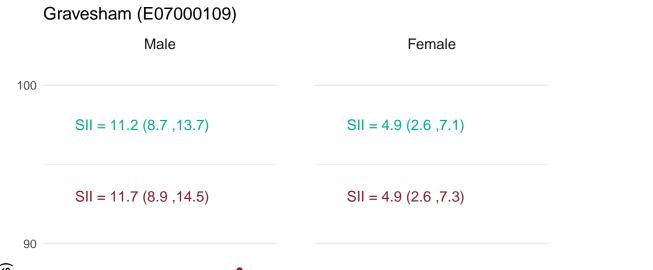
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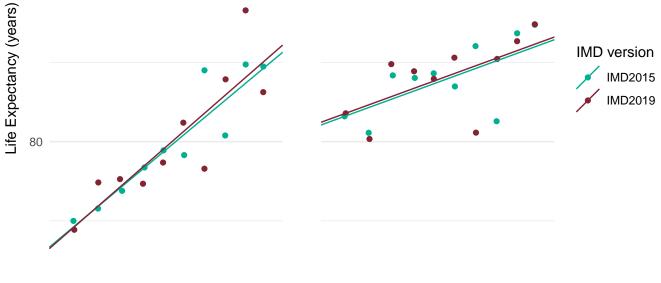


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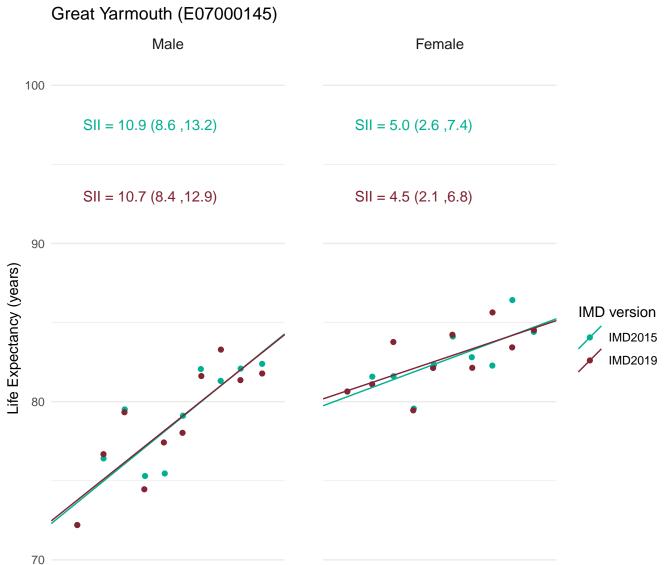




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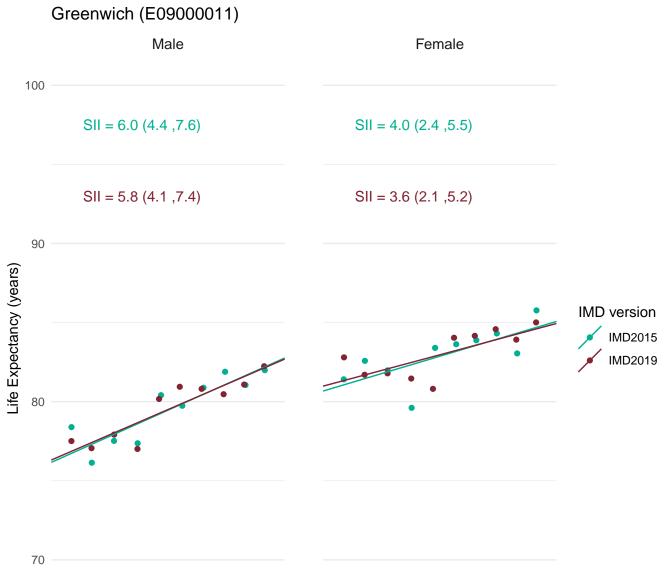
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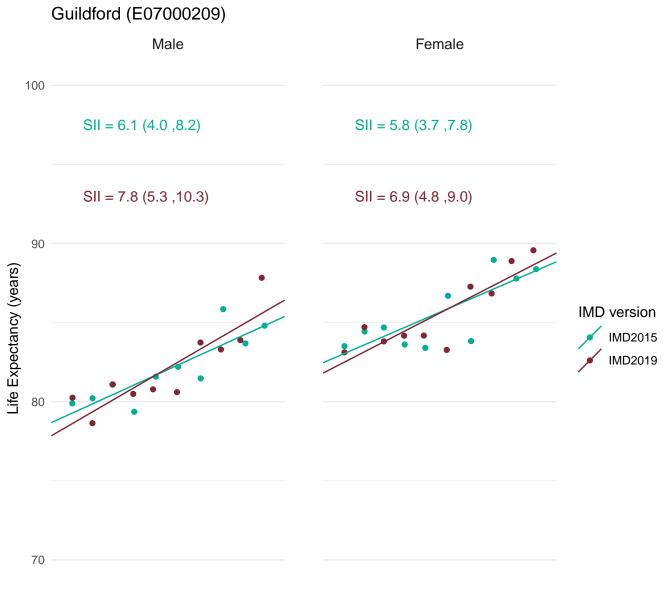
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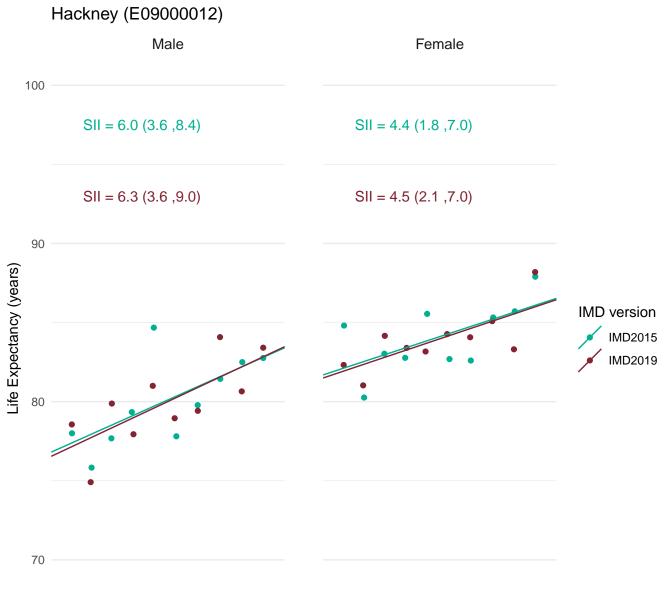
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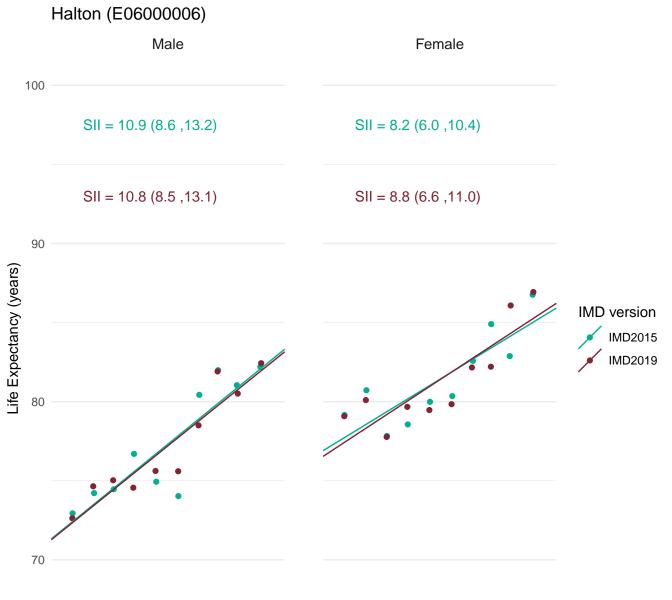
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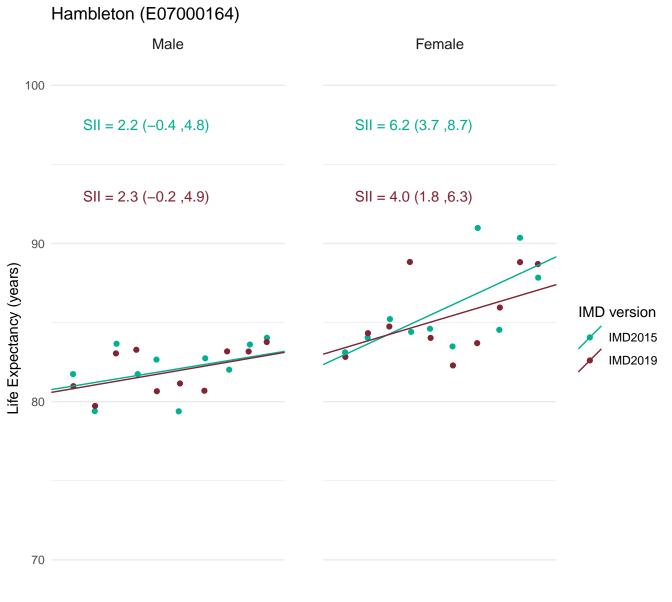
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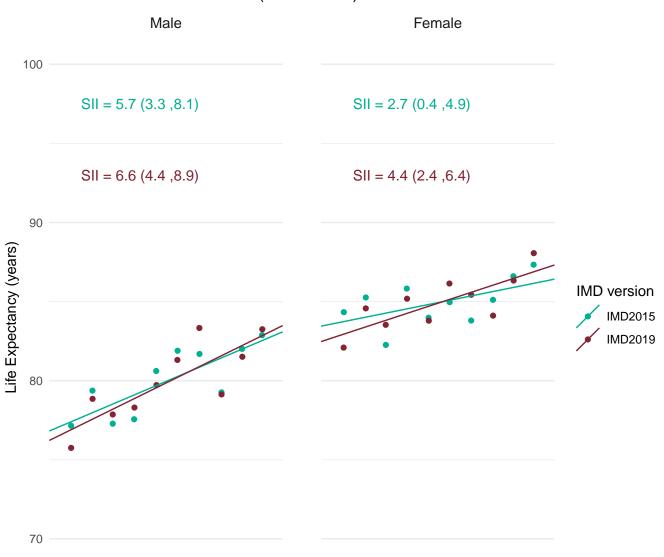


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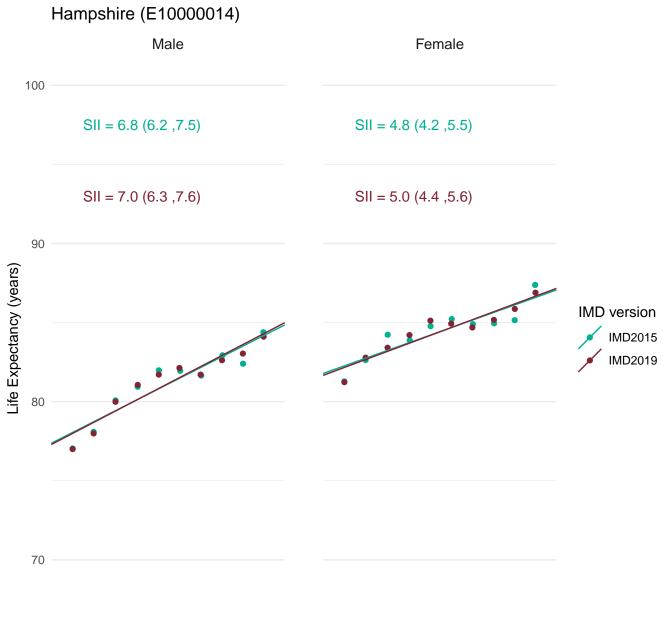
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Hammersmith and Fulham (E09000013)

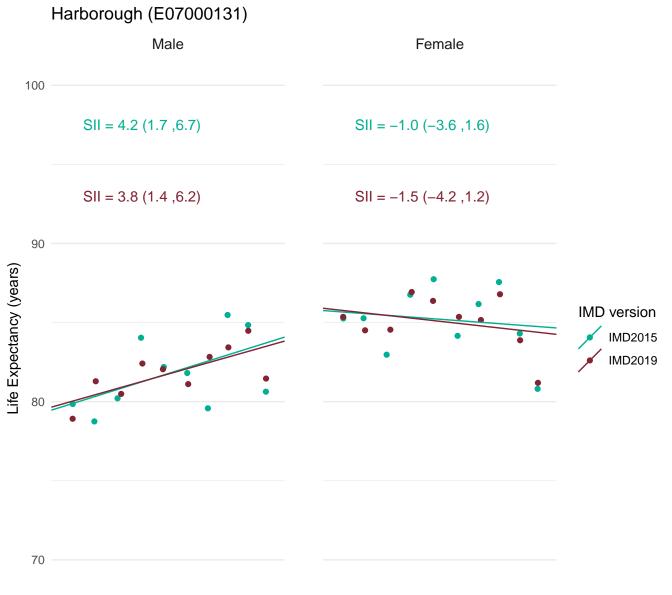


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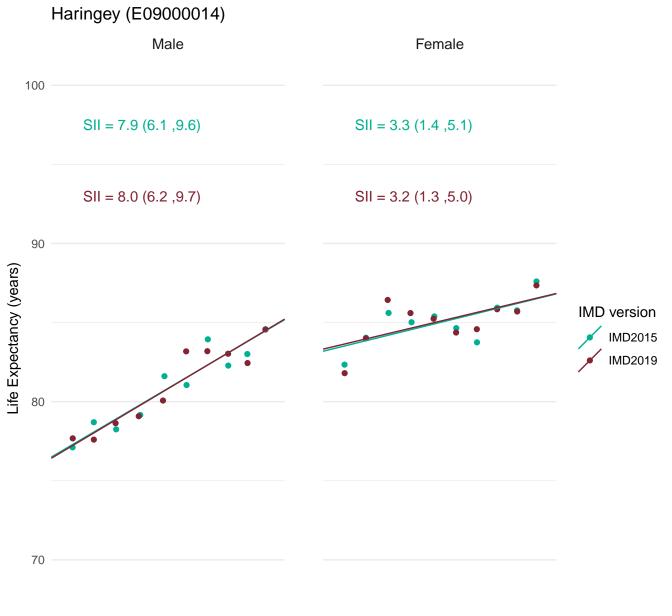
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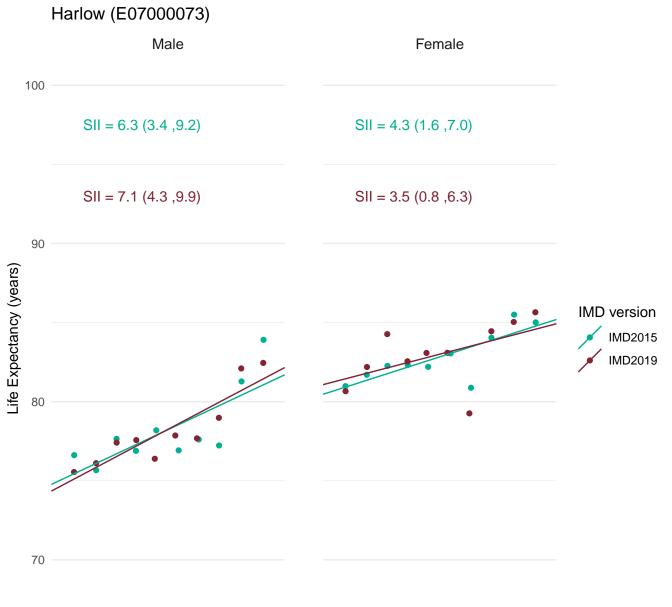
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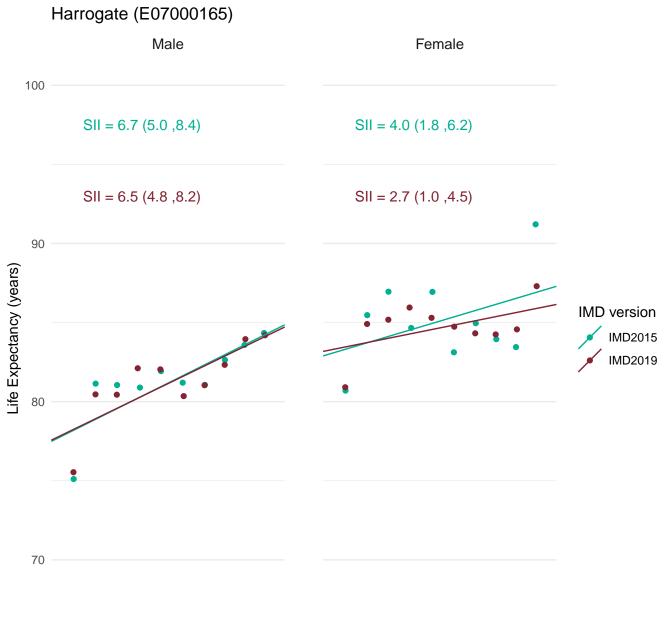
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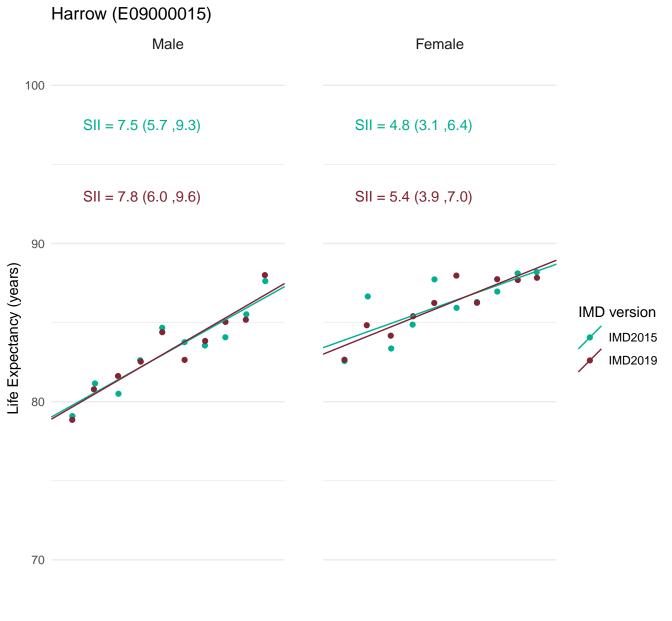
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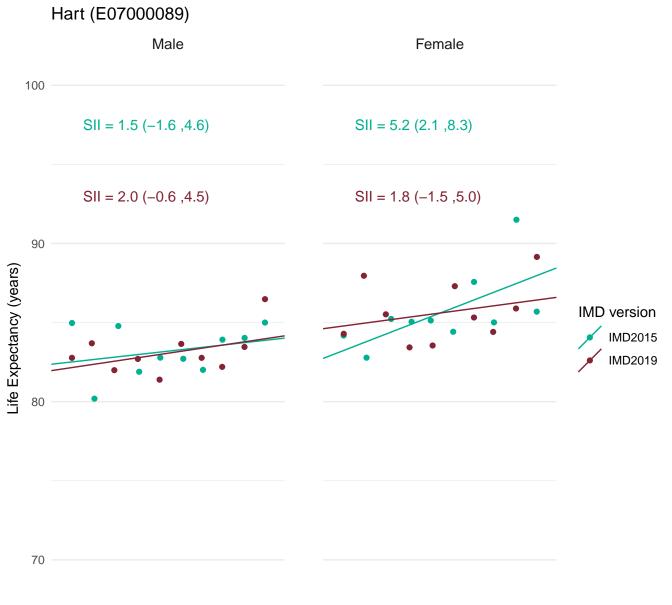
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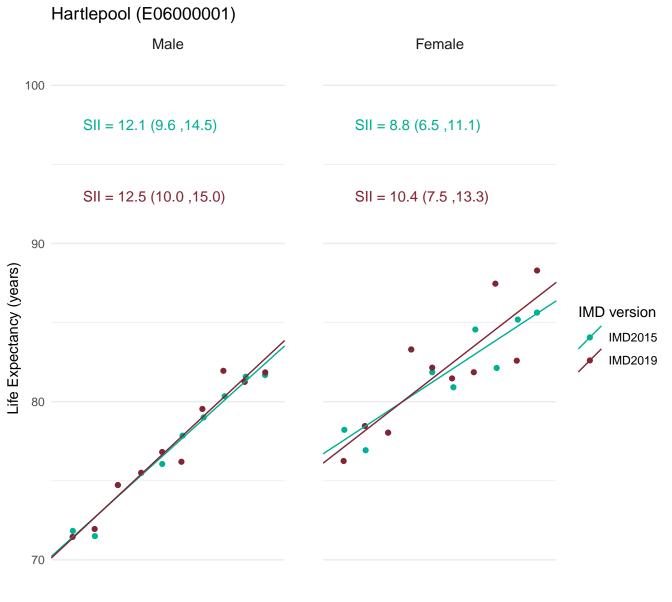
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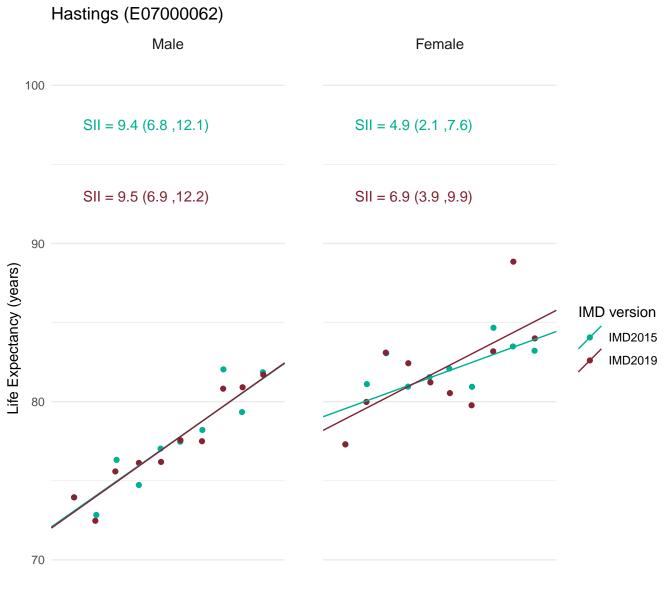
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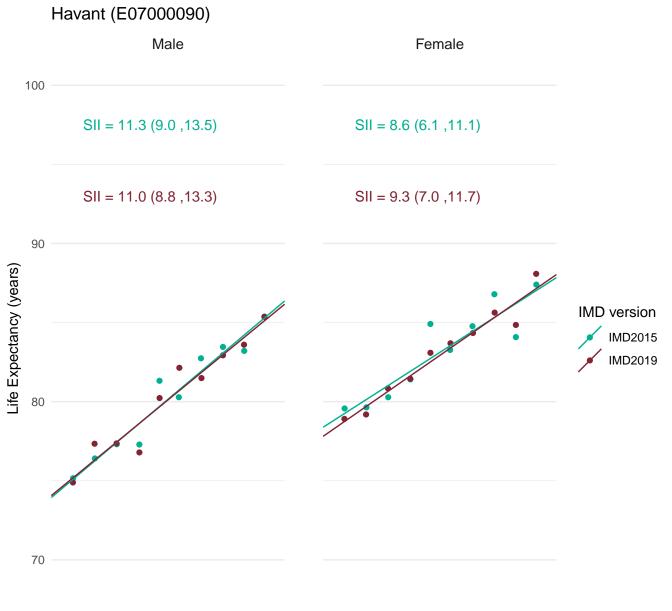
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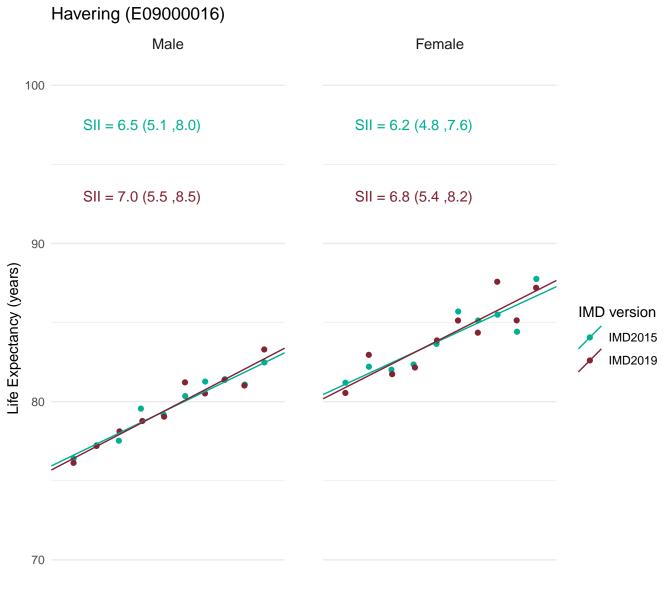
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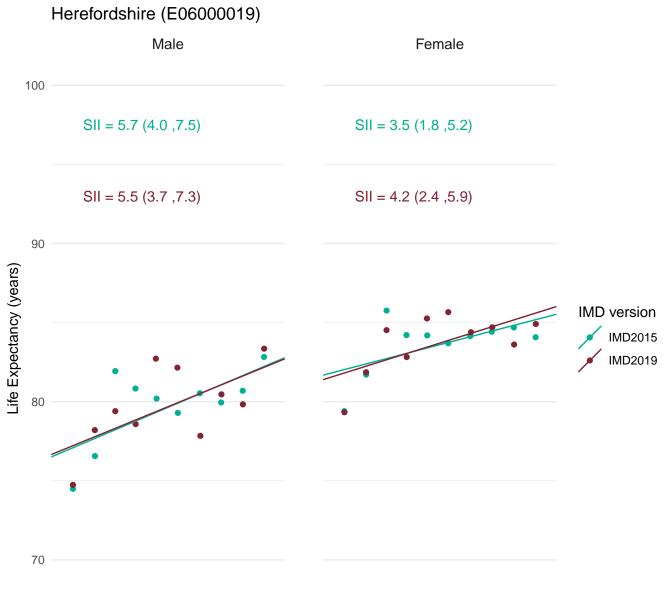
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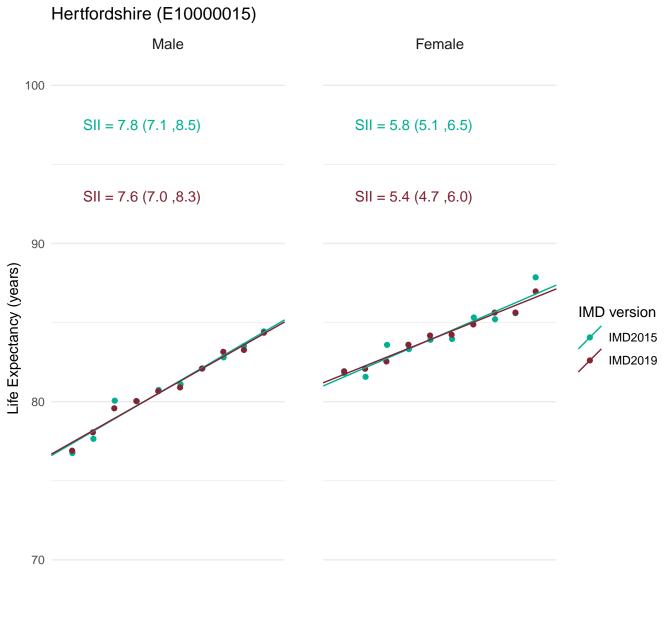
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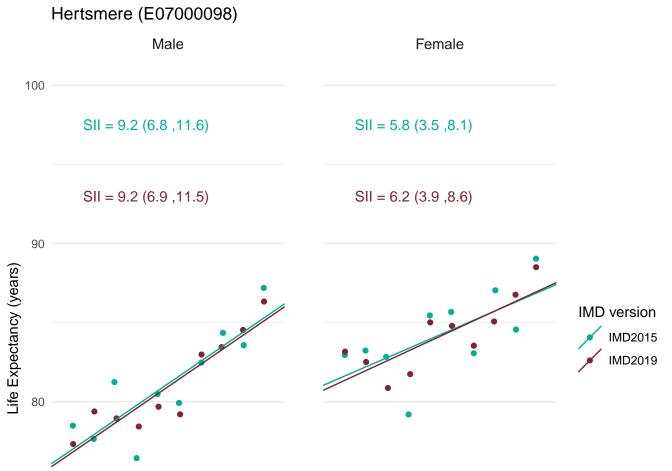
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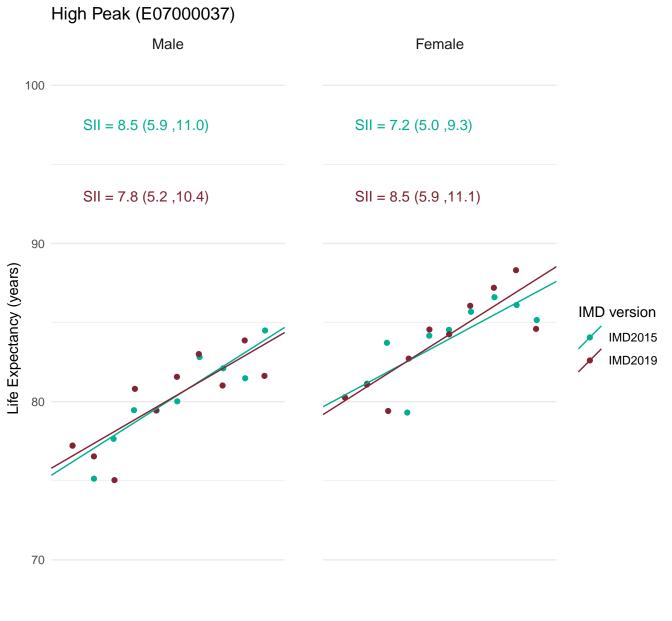


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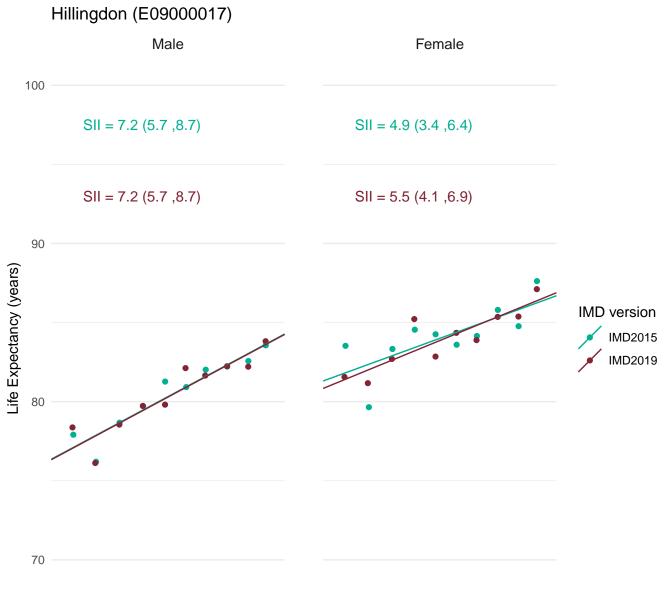


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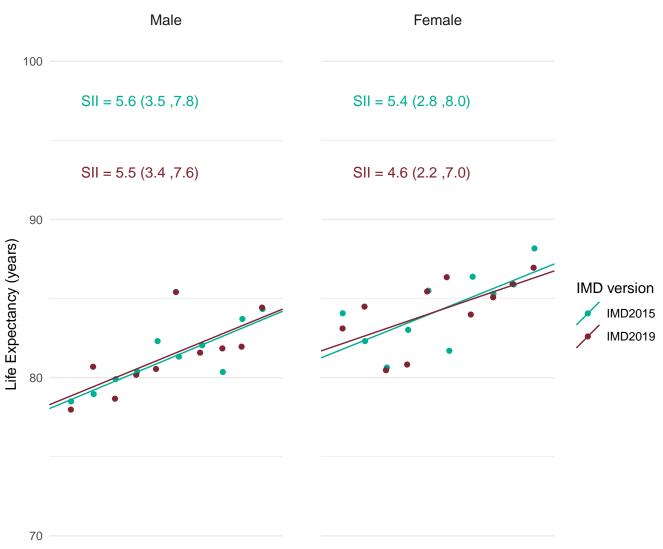


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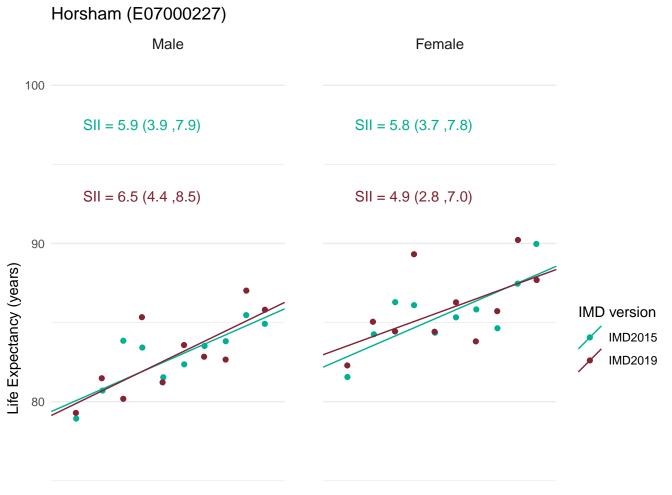
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Hinckley and Bosworth (E07000132)



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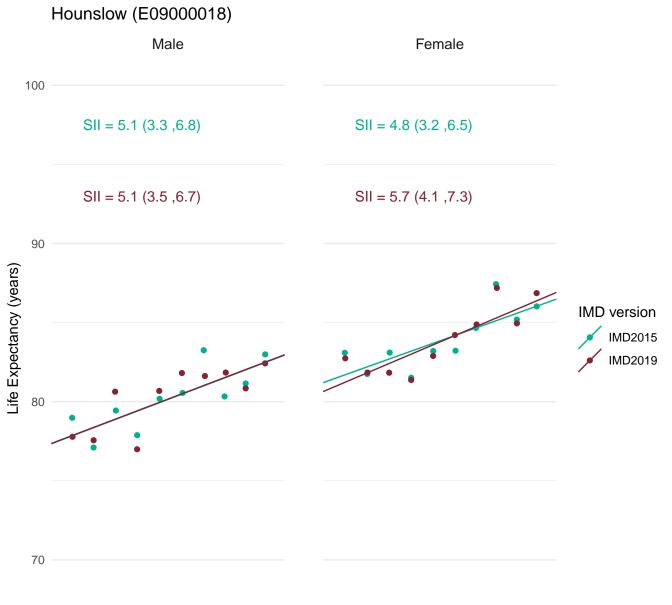
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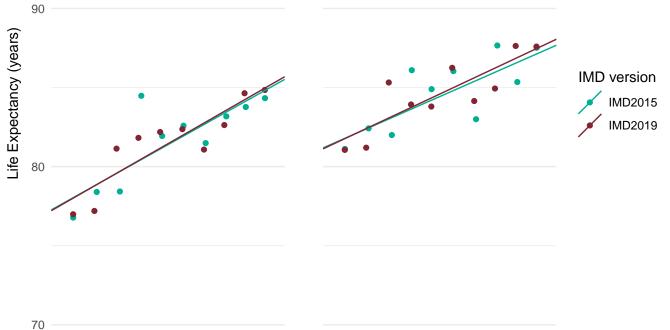
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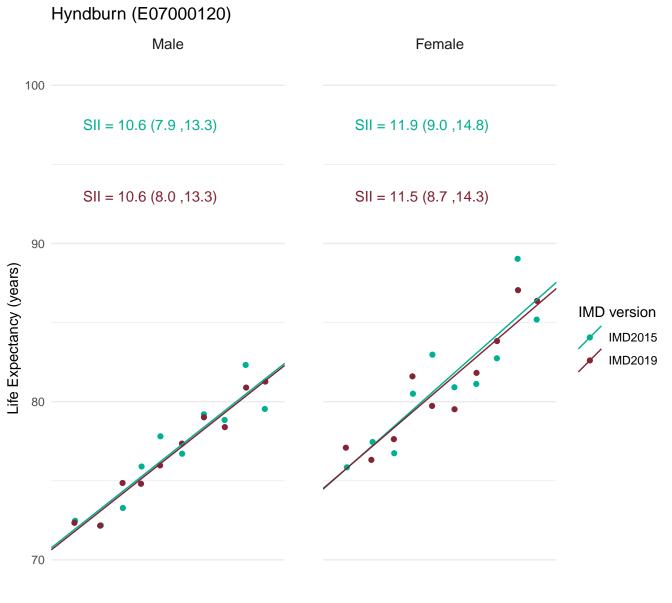


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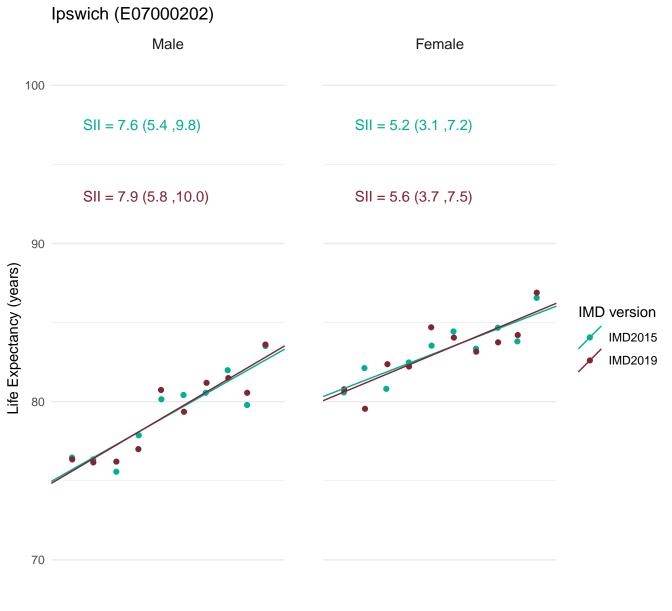




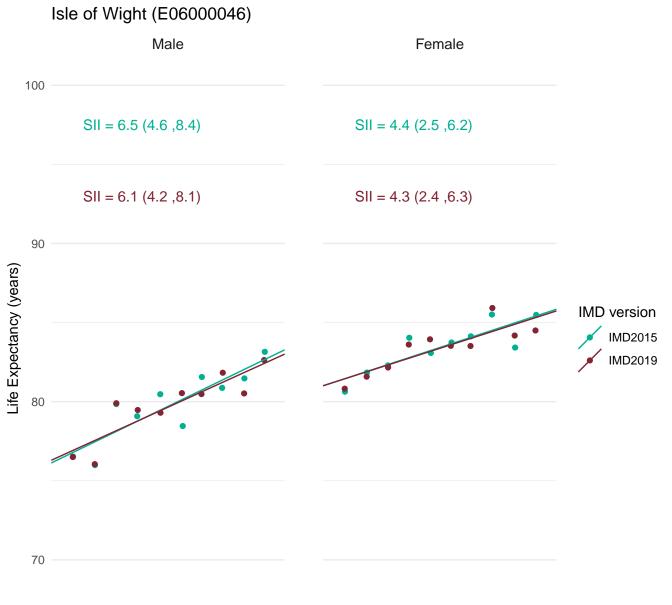
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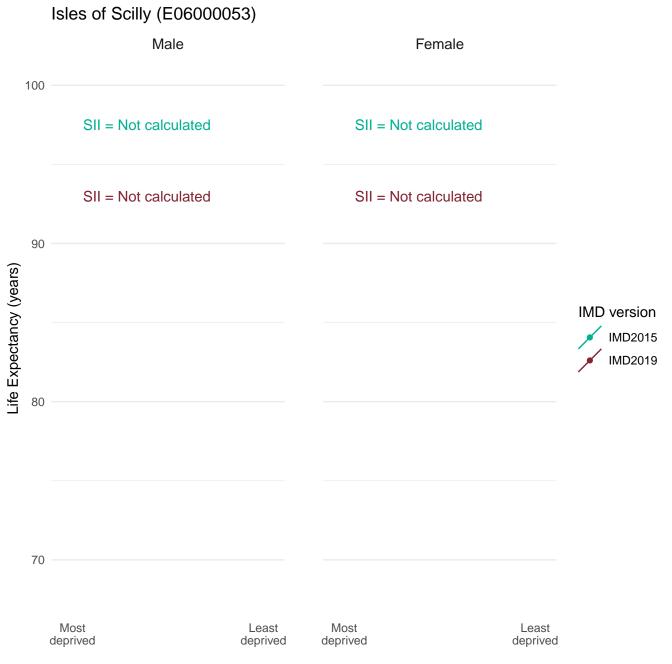
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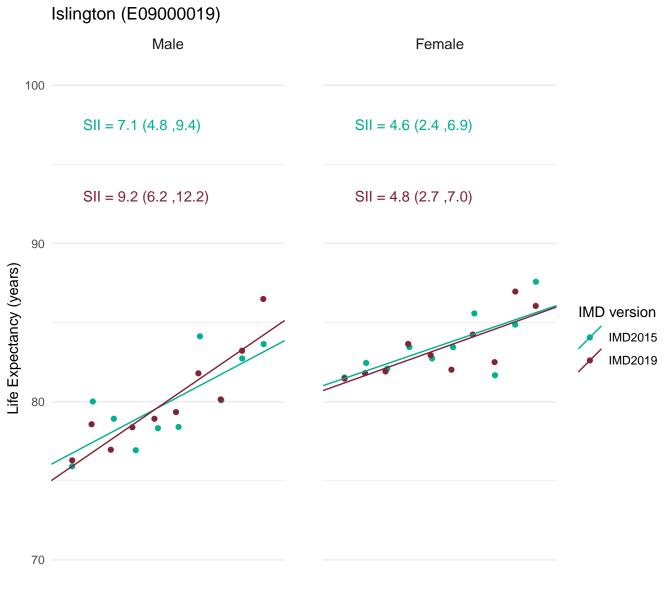


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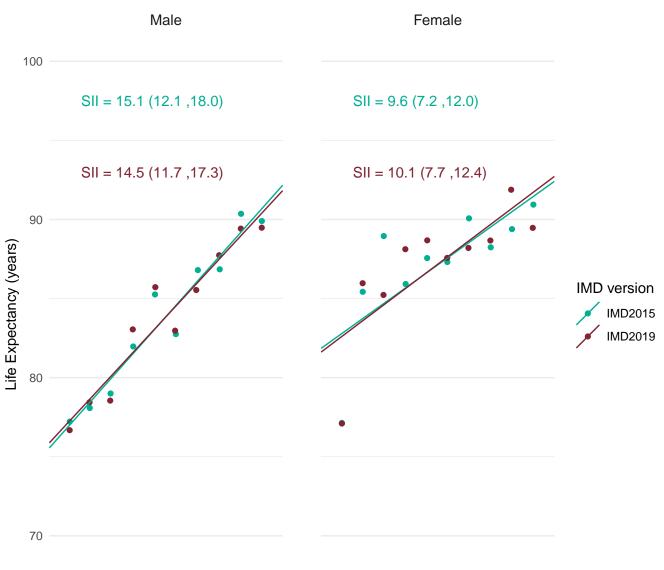
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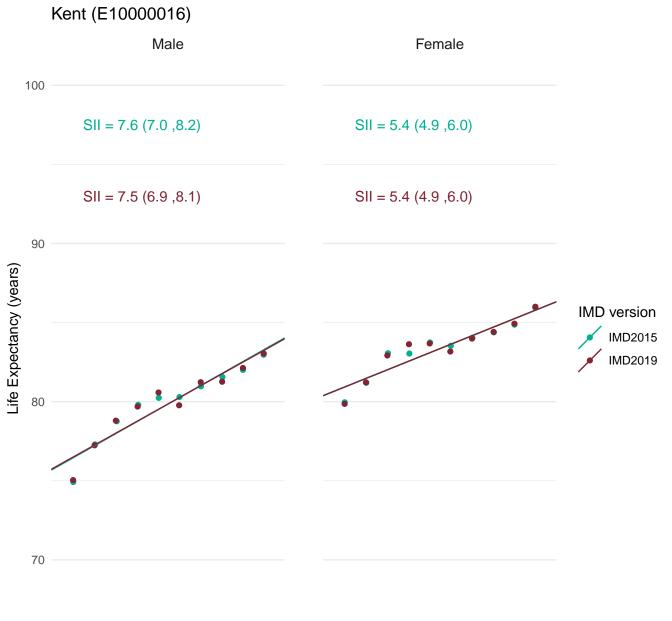


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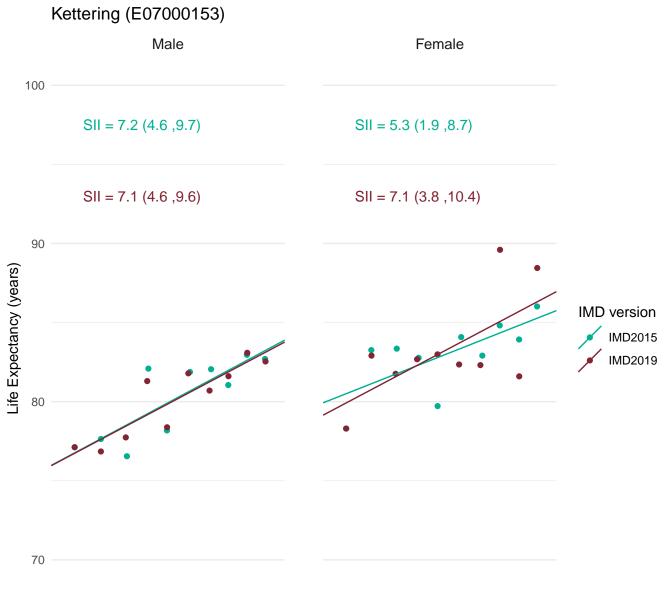
Kensington and Chelsea (E09000020)



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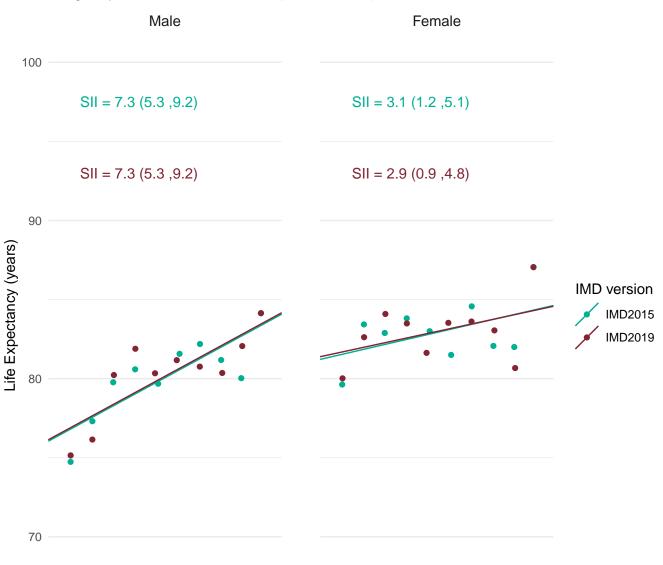


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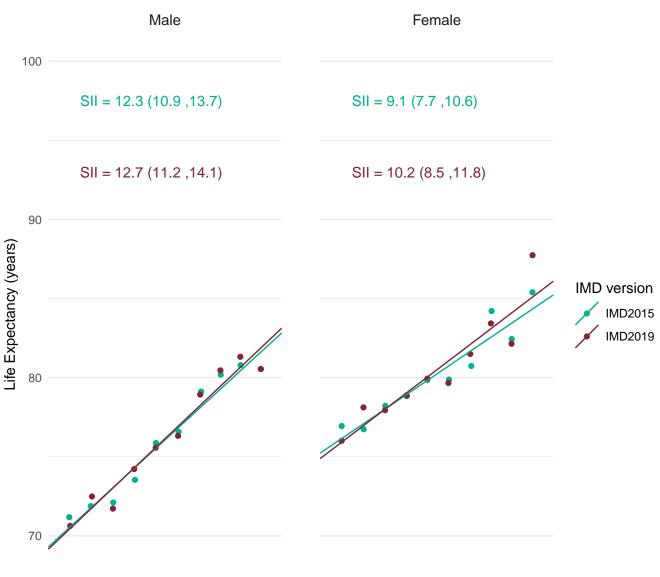
King's Lynn and West Norfolk (E07000146)



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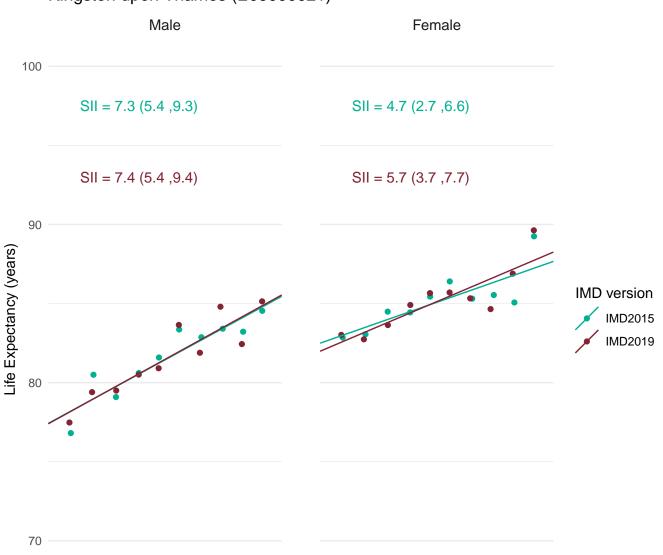
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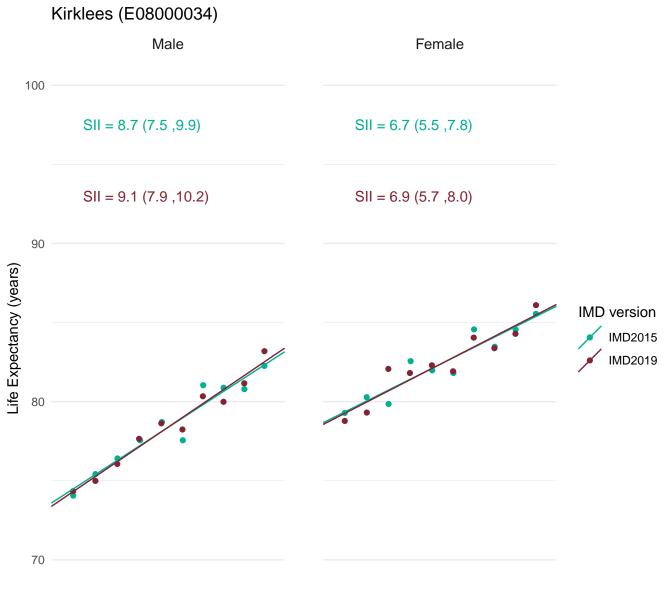
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Kingston upon Thames (E09000021)



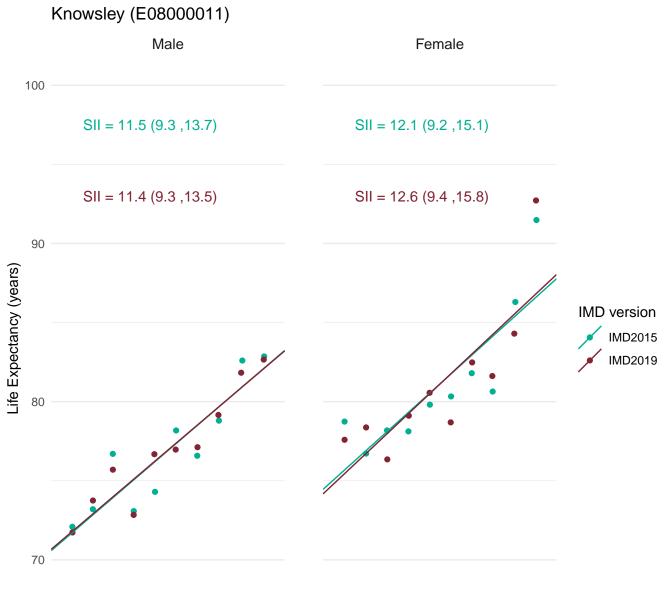
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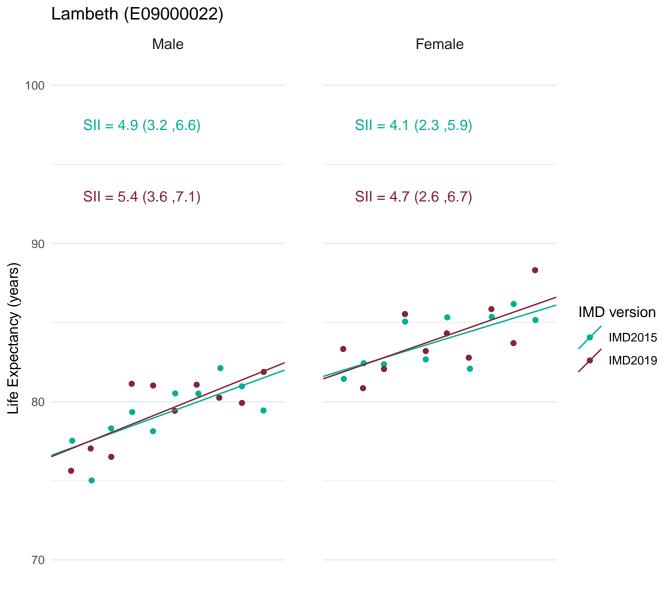


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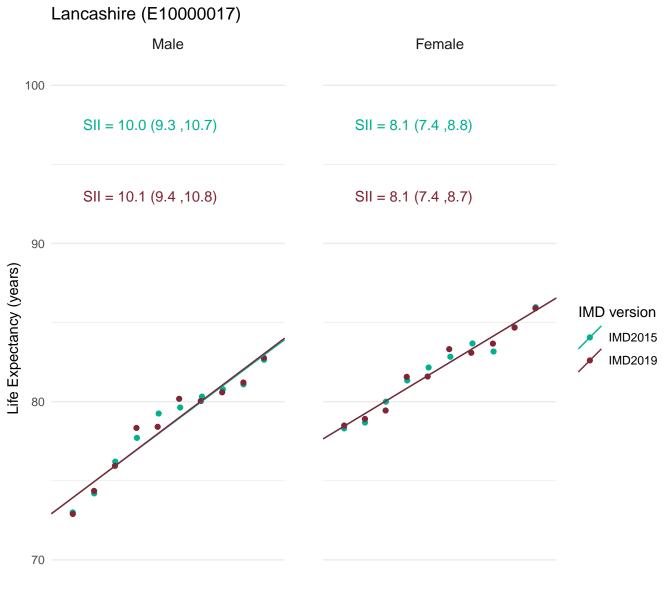
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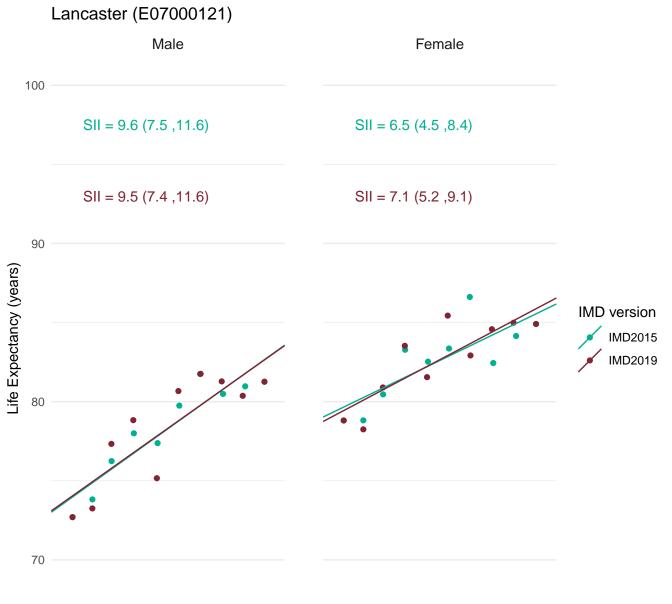
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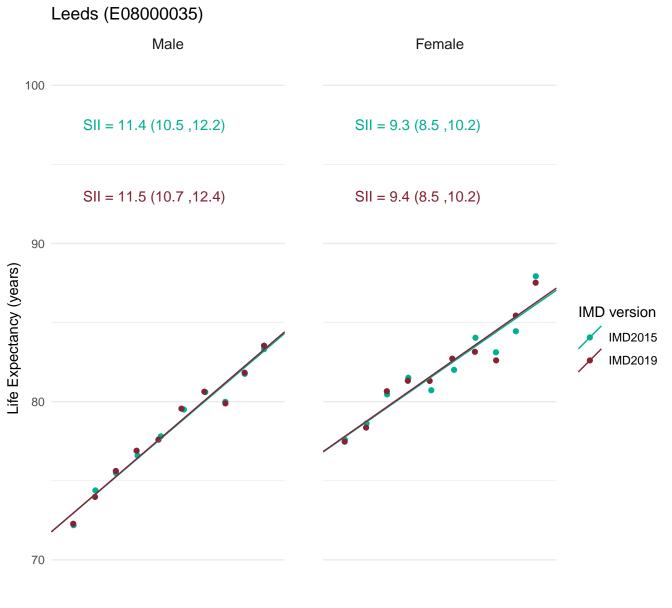
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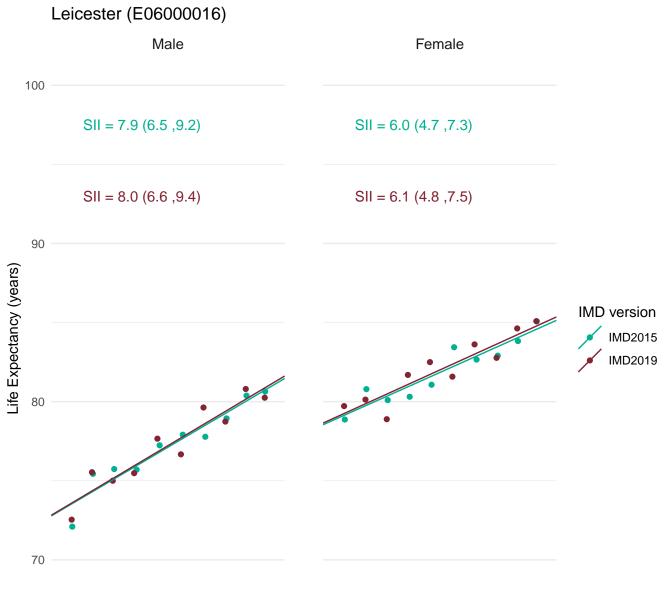
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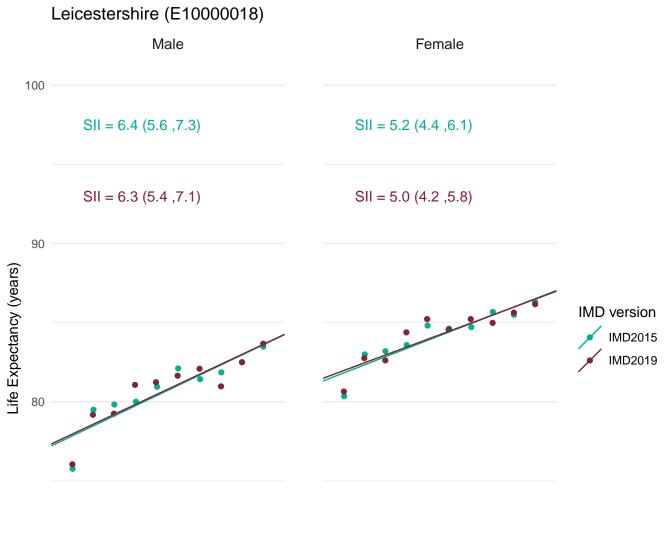
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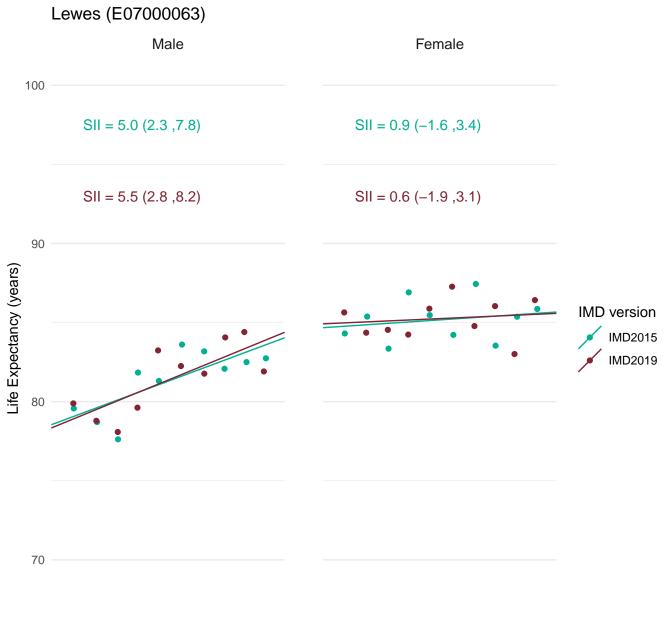


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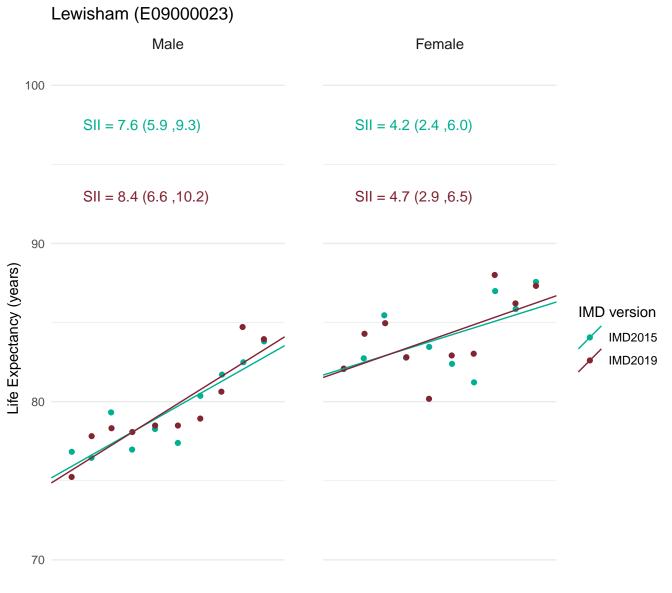




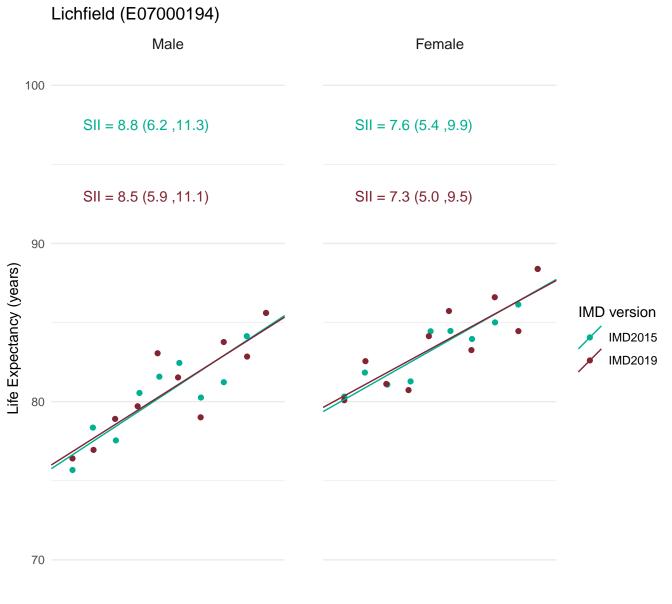
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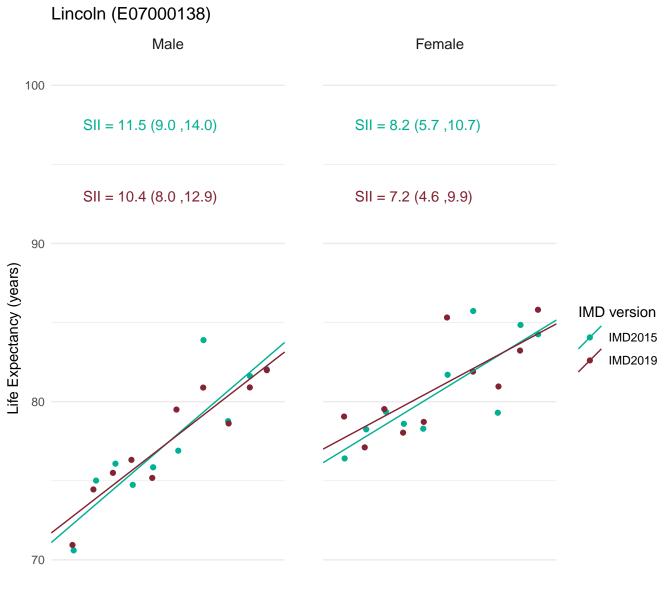
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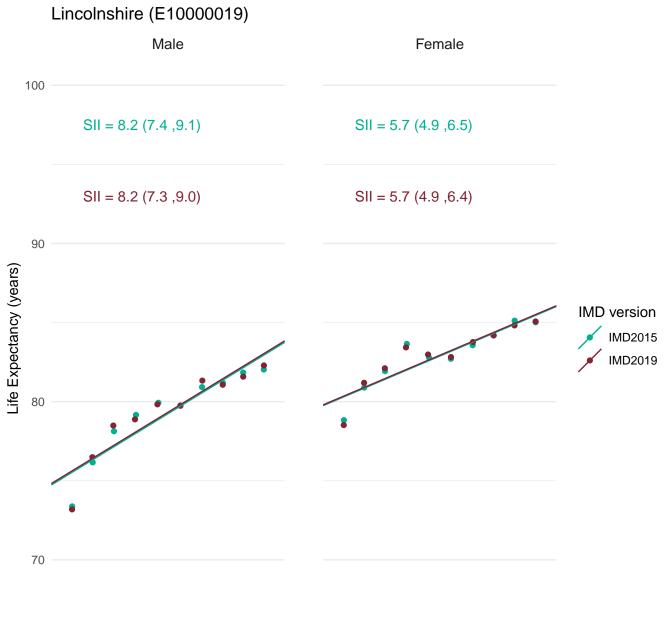


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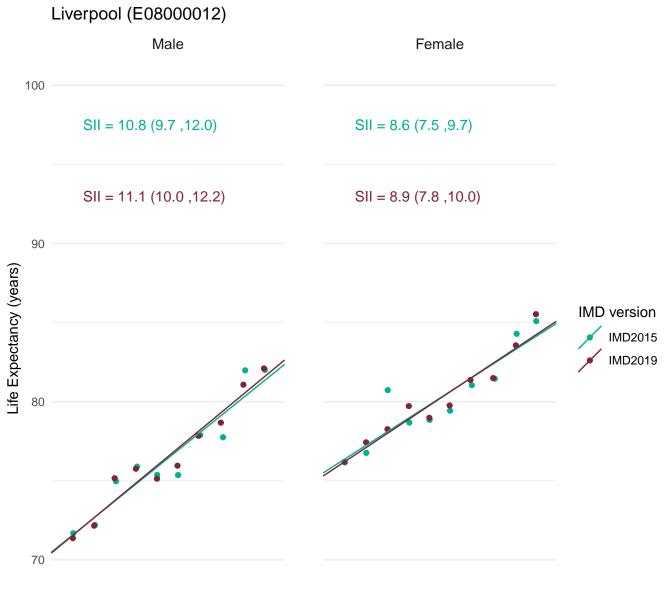


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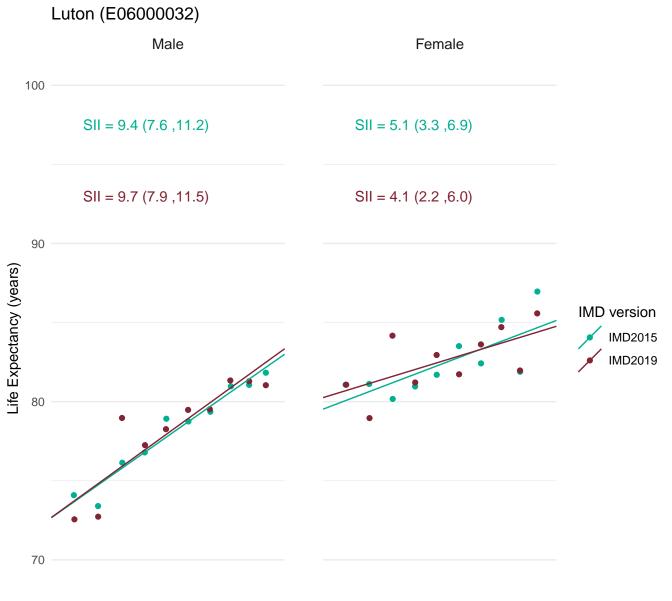
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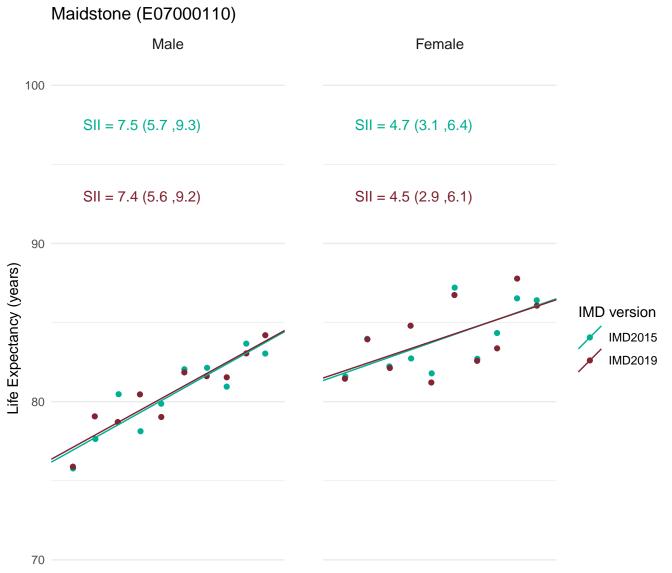
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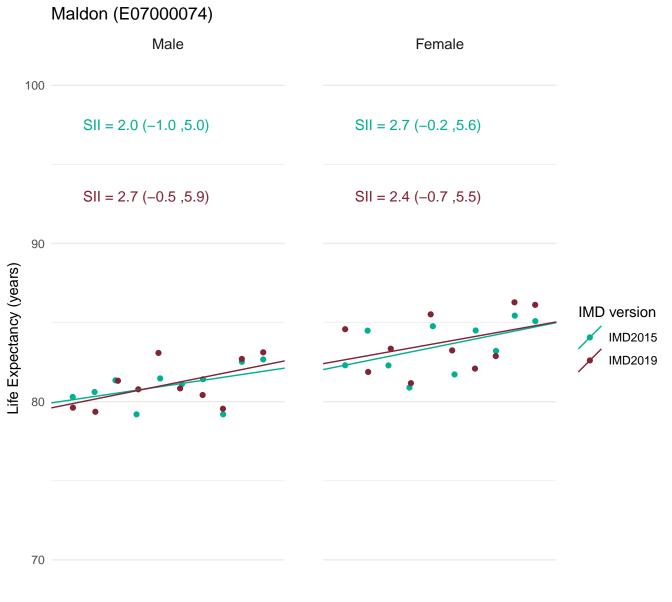
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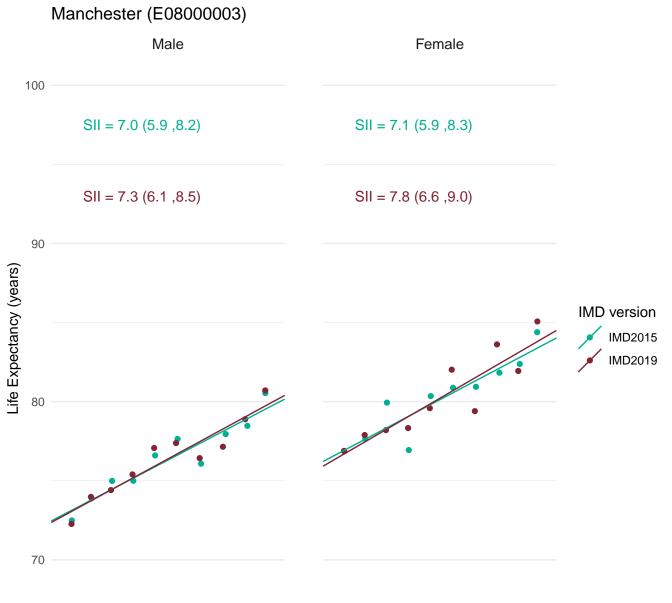


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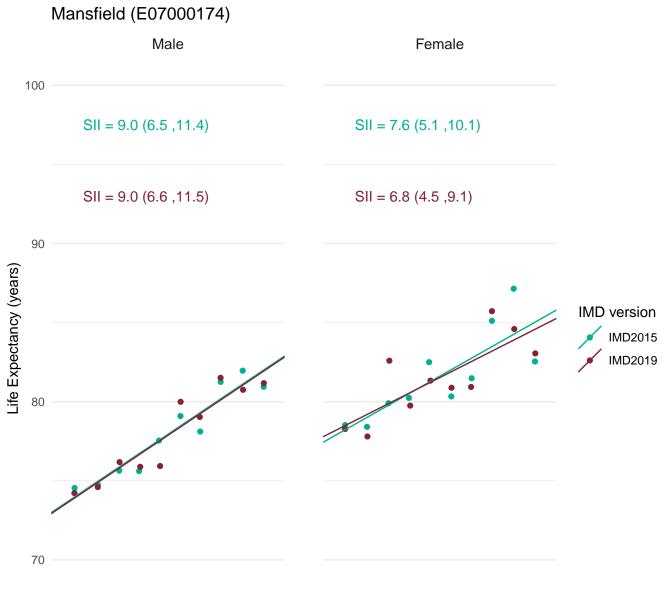
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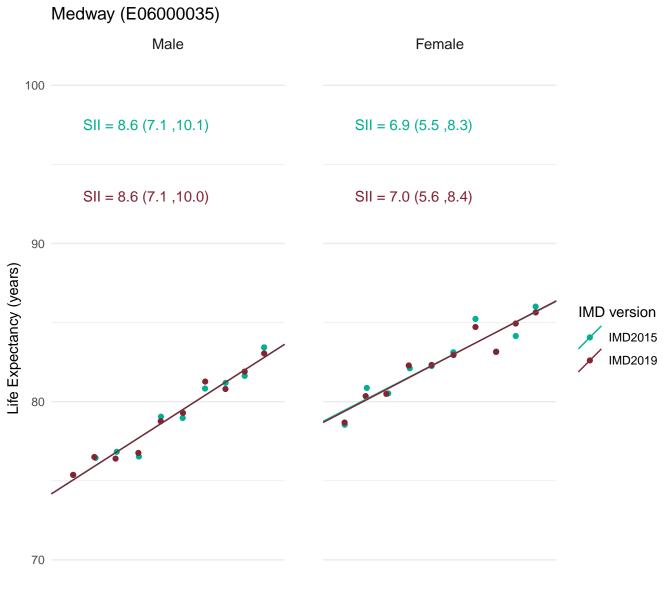


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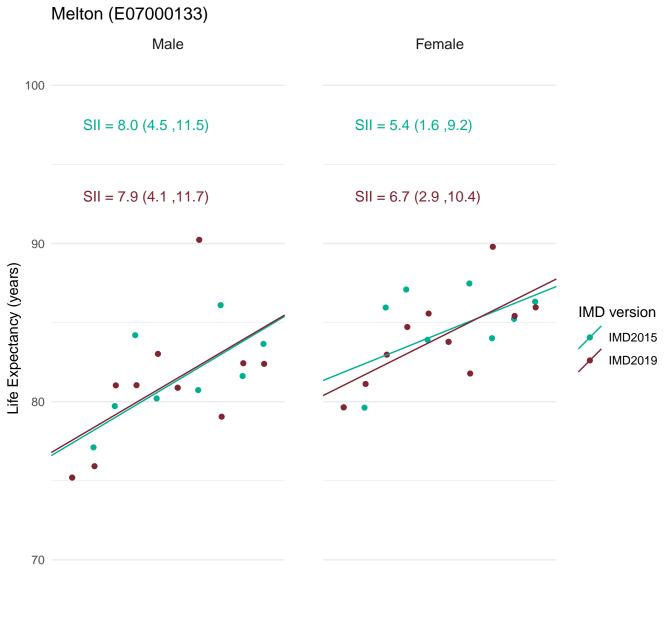


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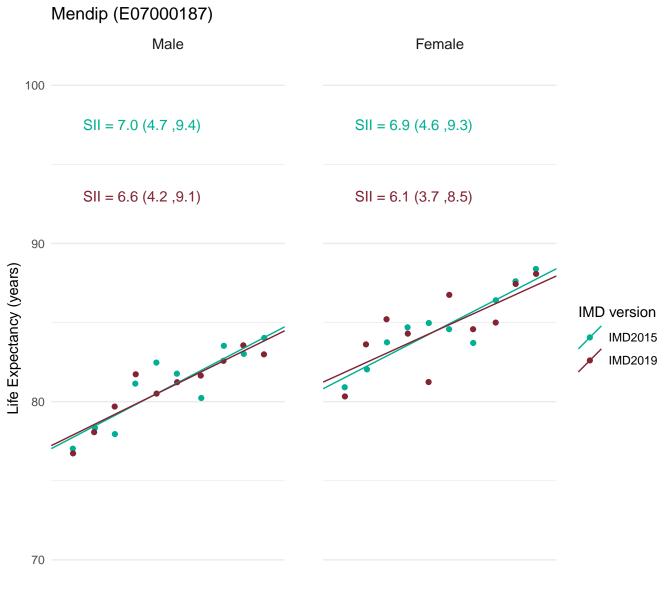
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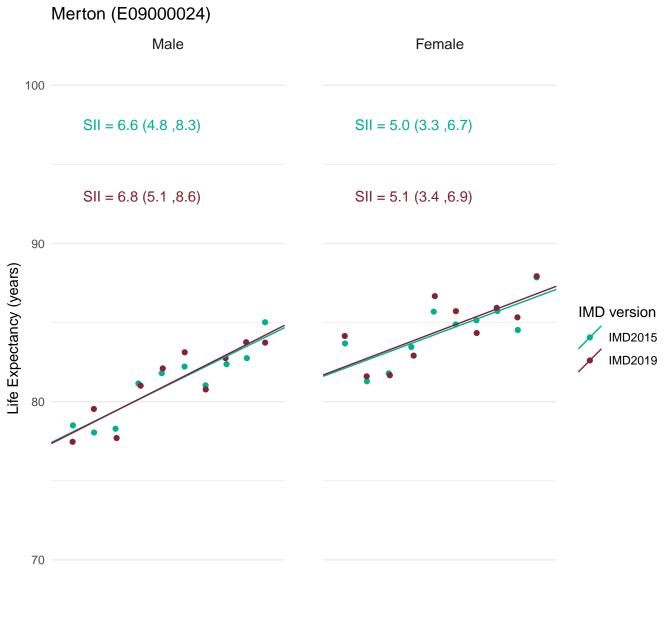
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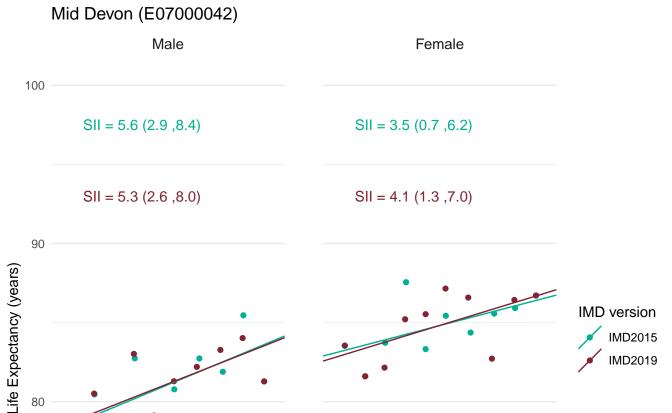
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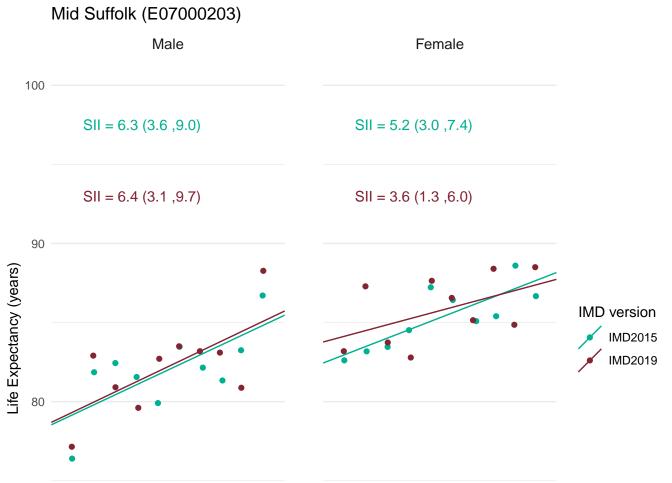


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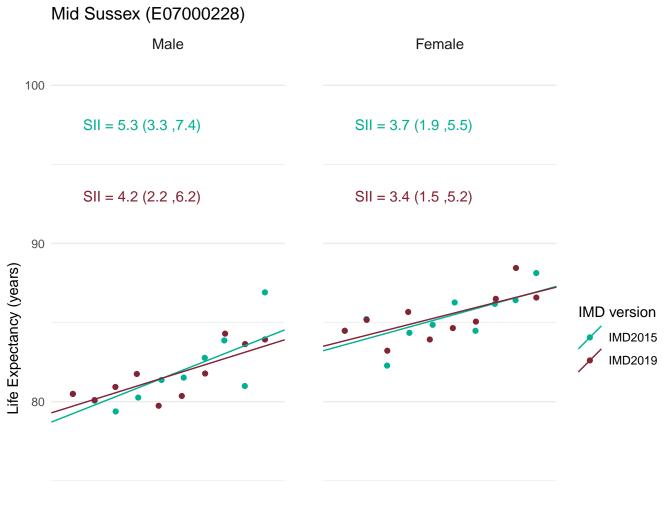
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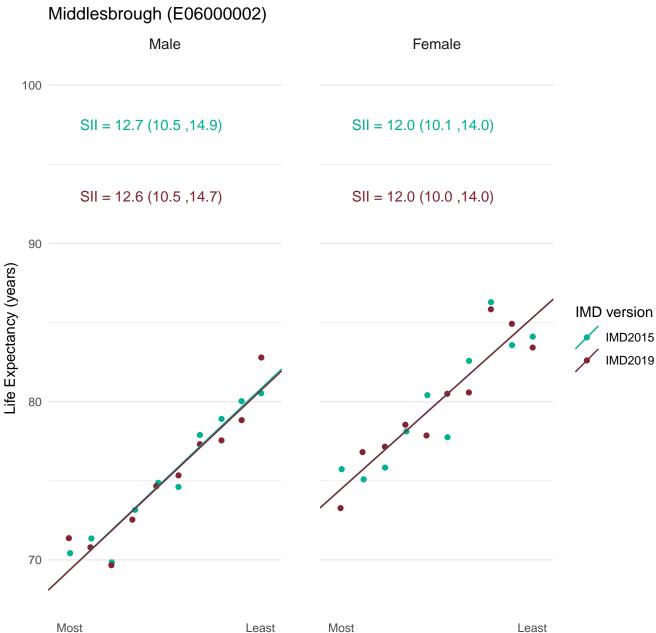
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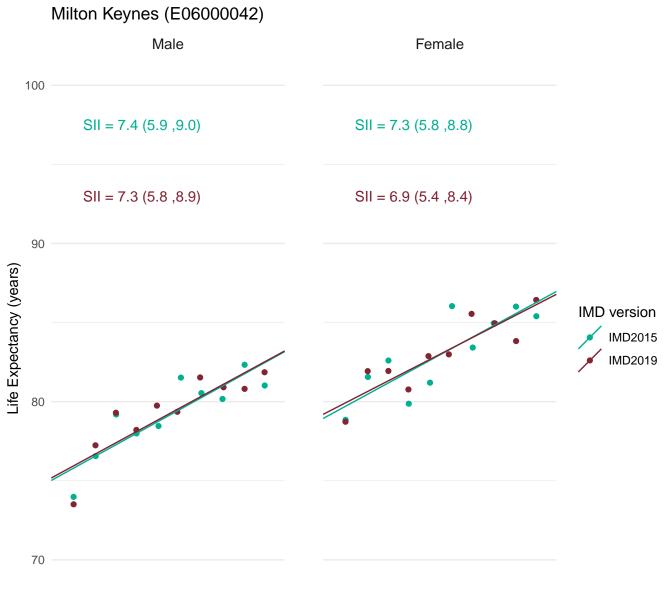
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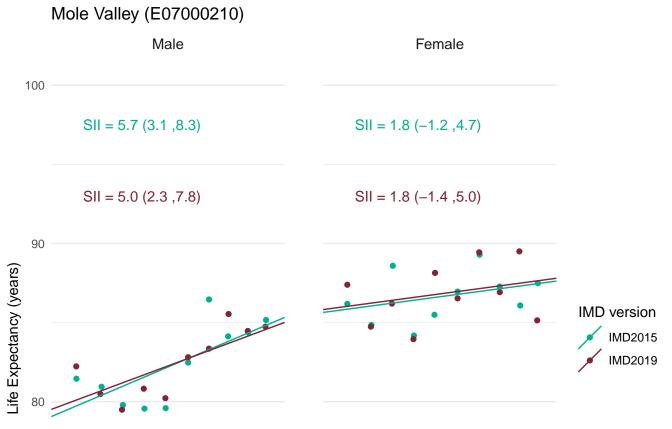


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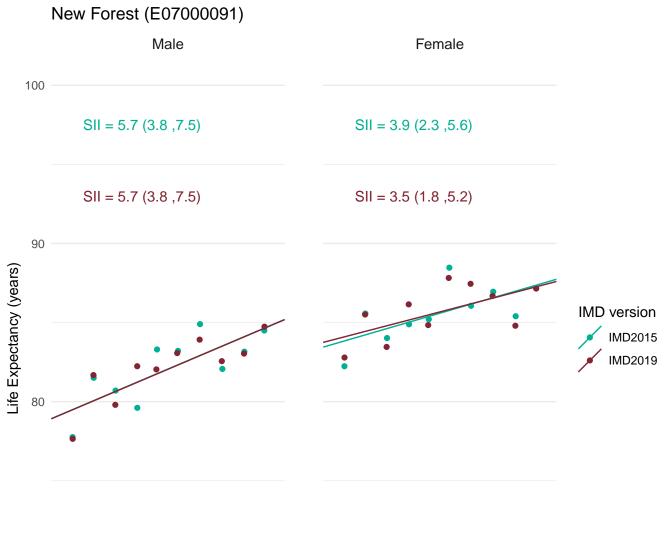
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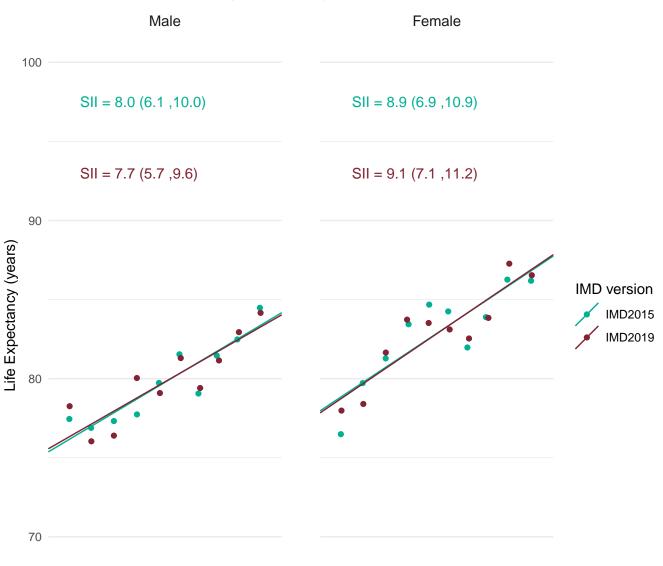
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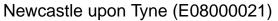
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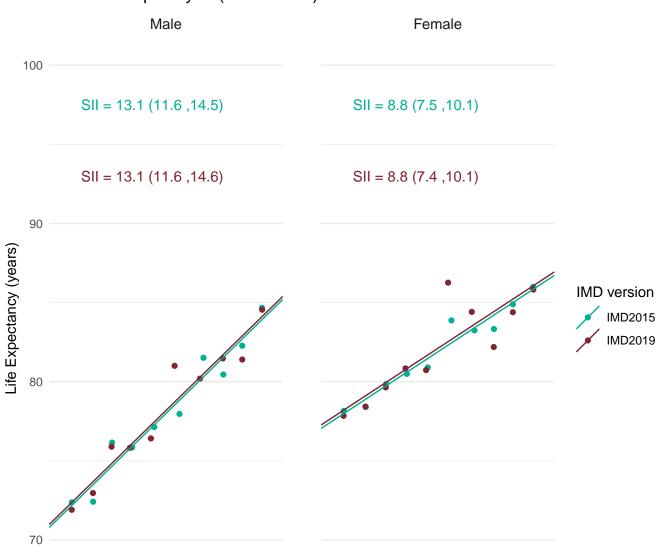
Newark and Sherwood (E07000175)



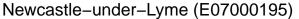
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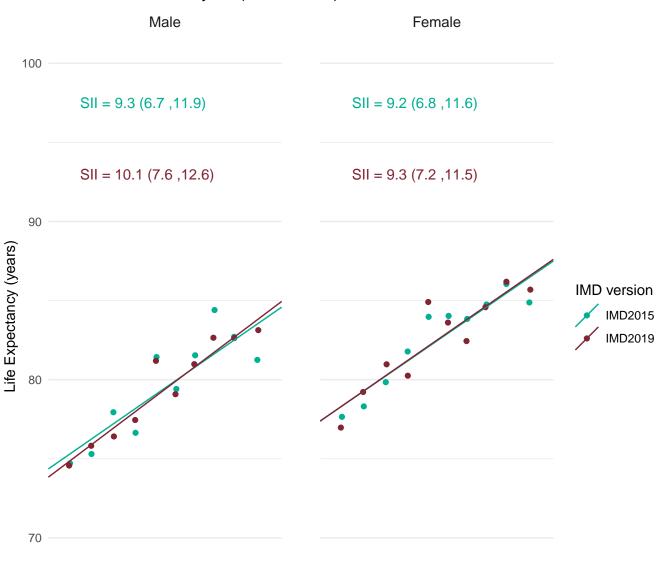
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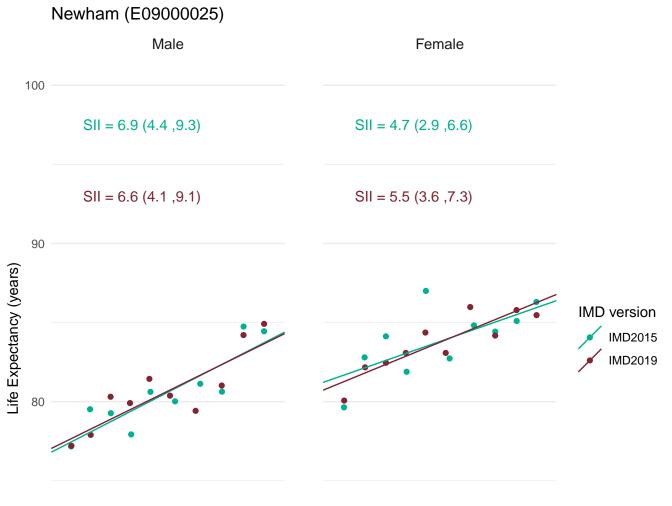


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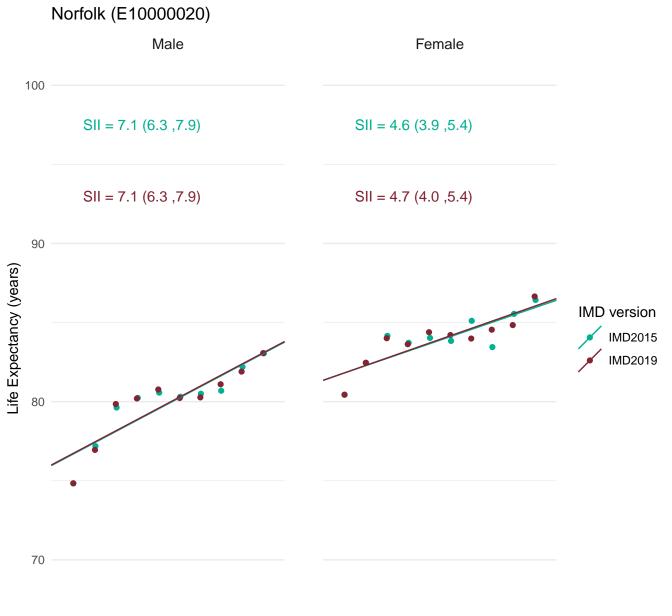
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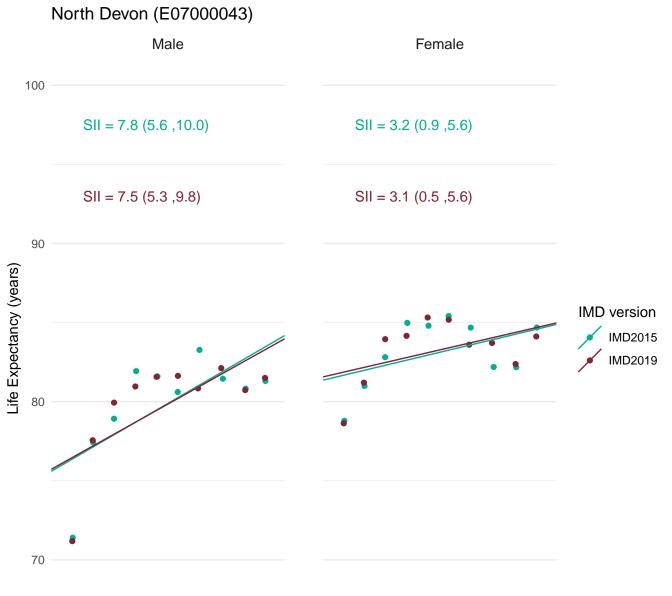
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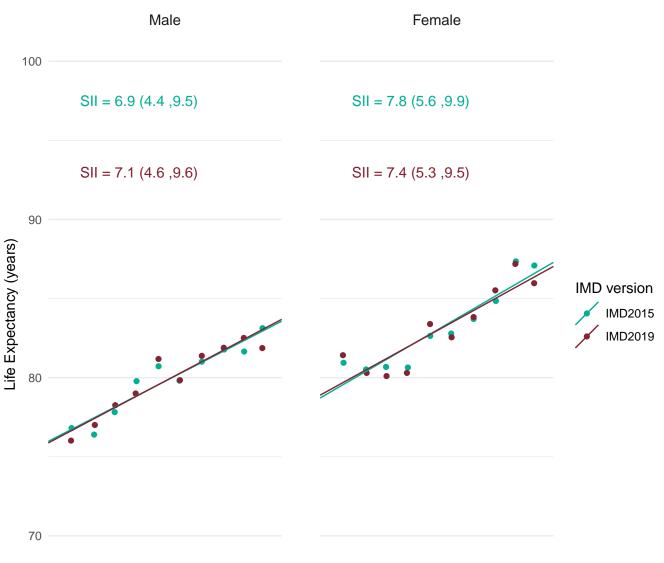


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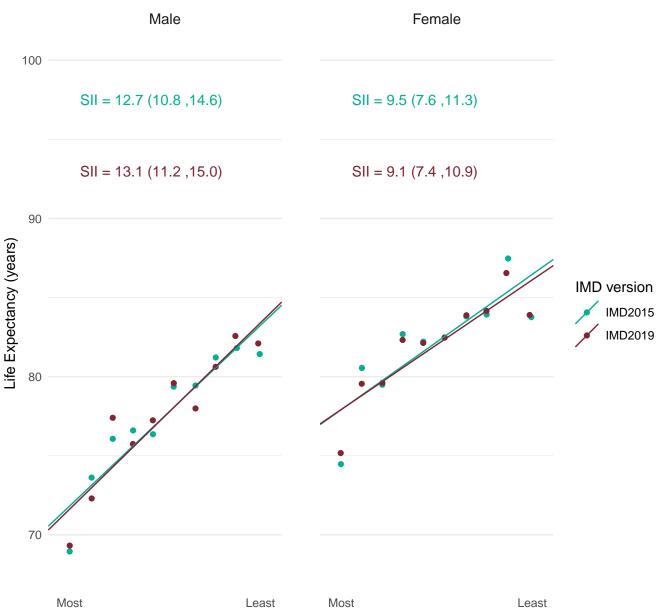
North East Derbyshire (E07000038)



Most deprived

Most deprived

North East Lincolnshire (E06000012)



deprived

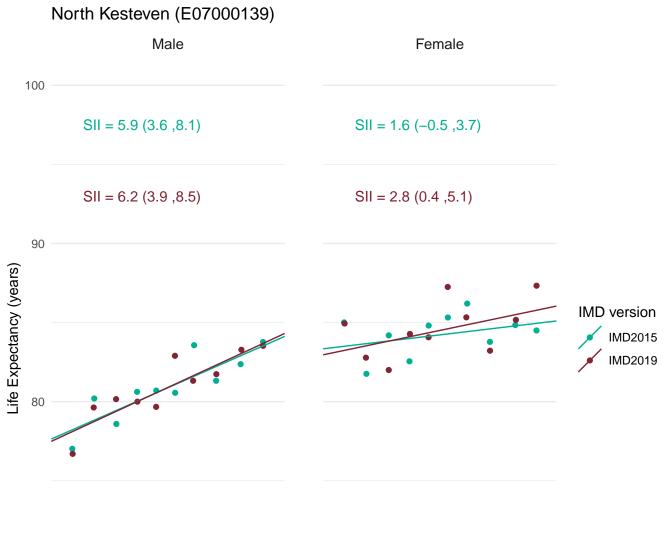
Most deprived

North Hertfordshire (E07000099)



Most deprived

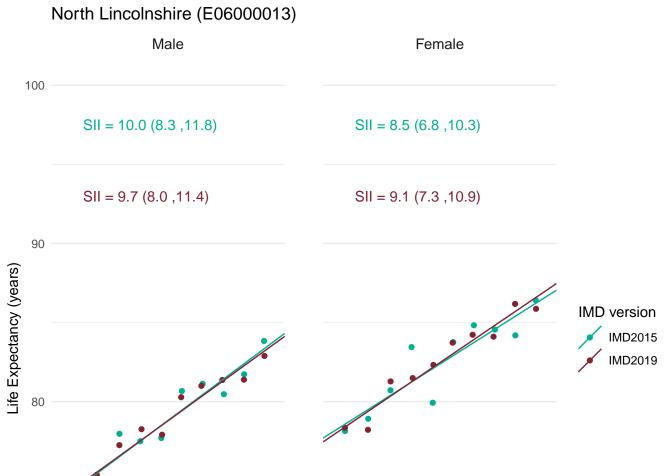
Most deprived



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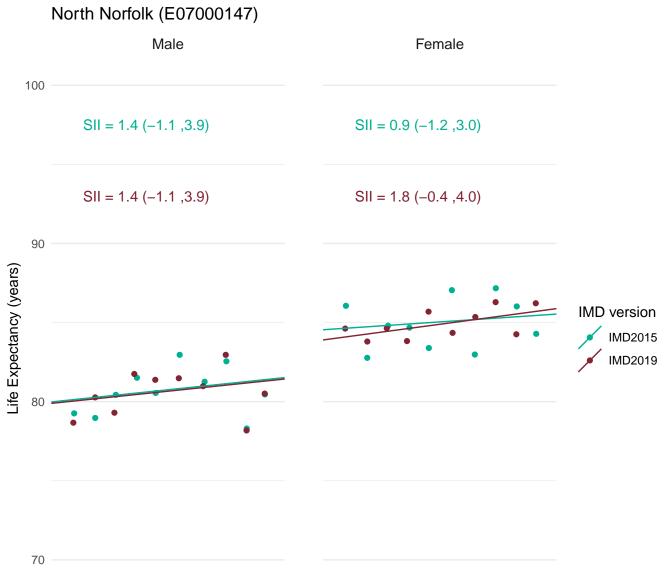
Most deprived

Most deprived

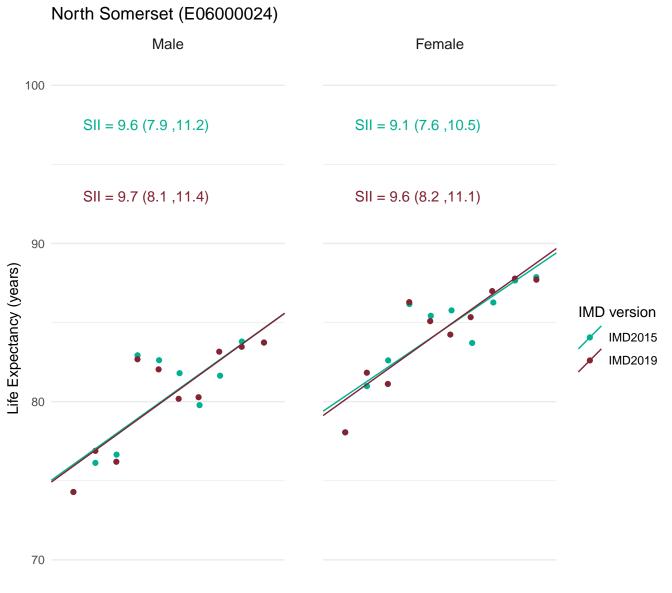


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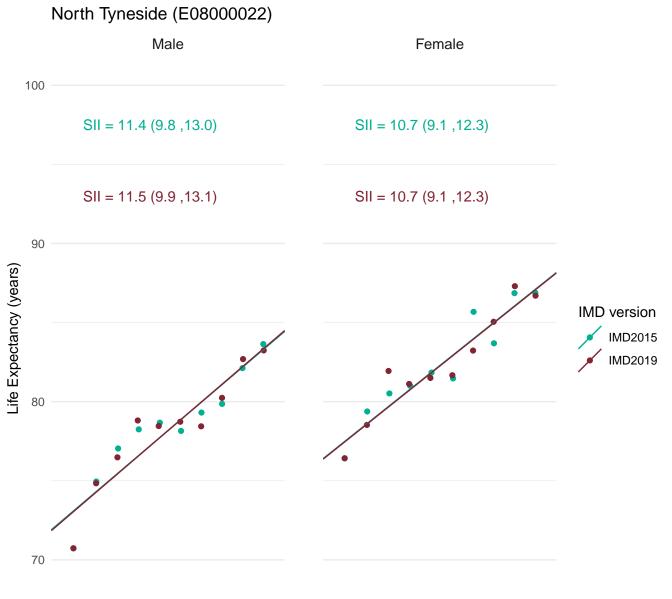
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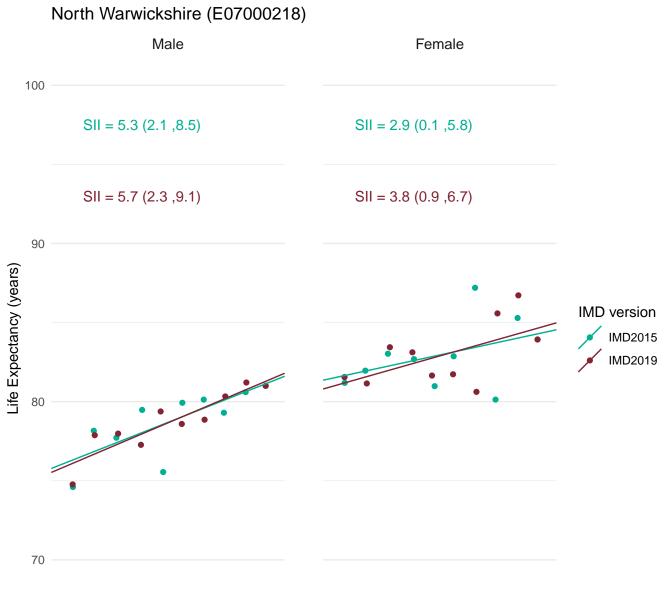
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Most deprived

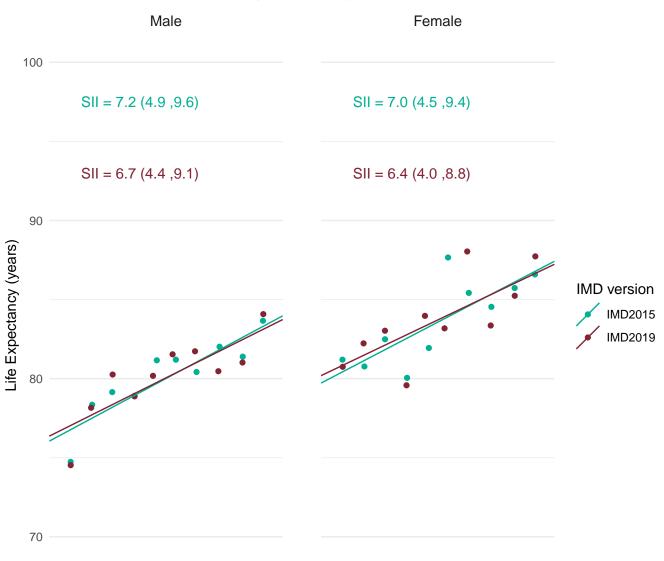


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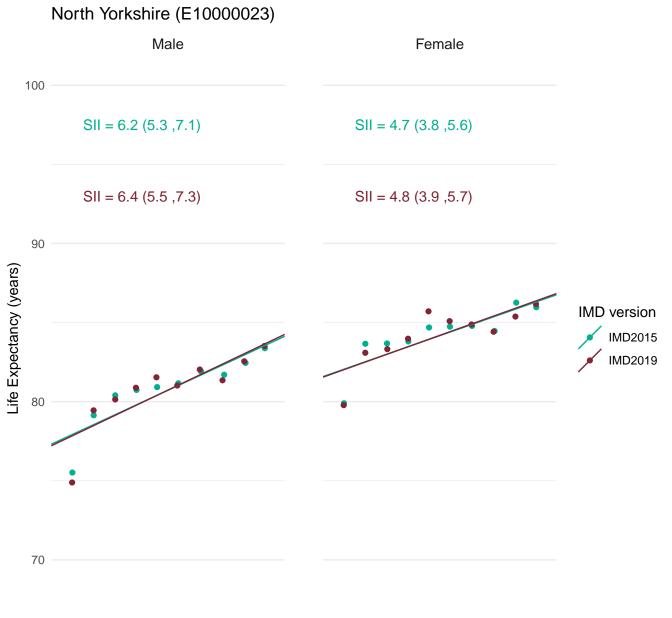


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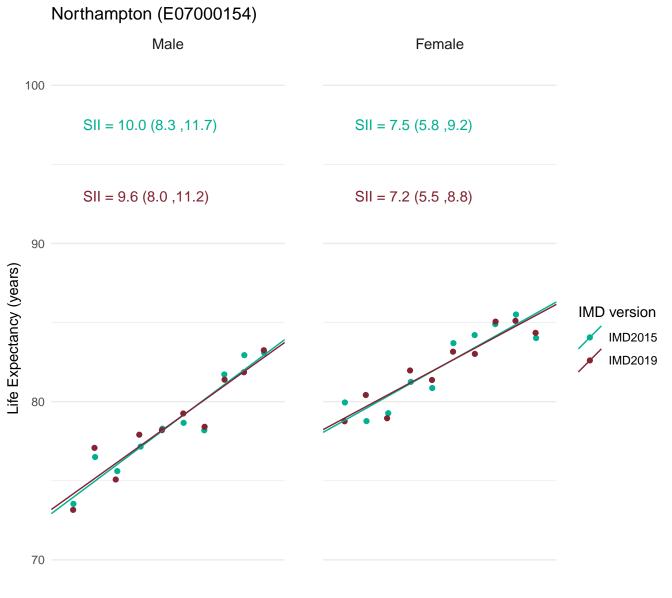
North West Leicestershire (E07000134)



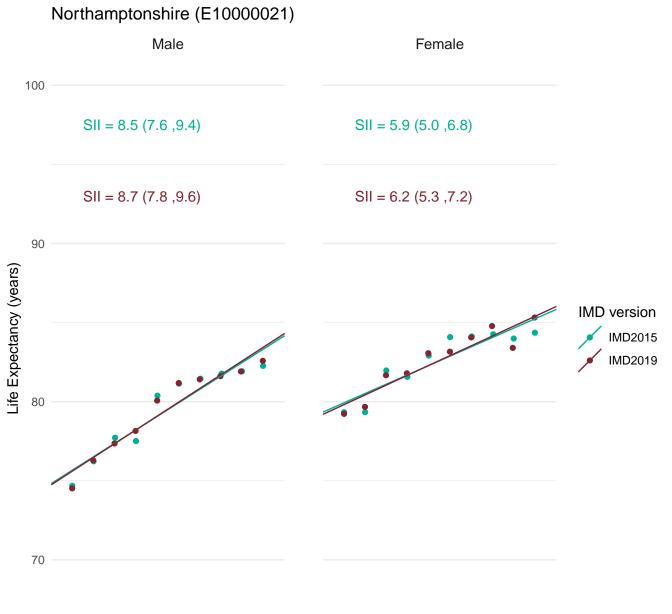
Most deprived Most deprived



Most deprived

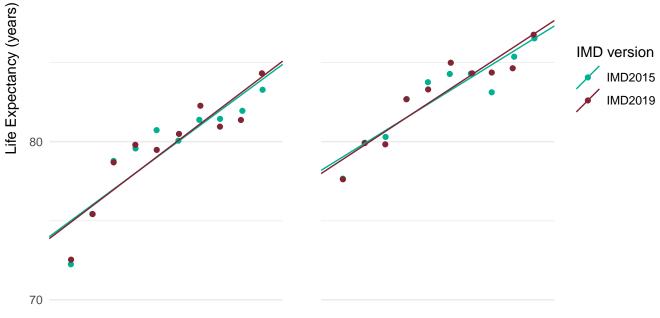


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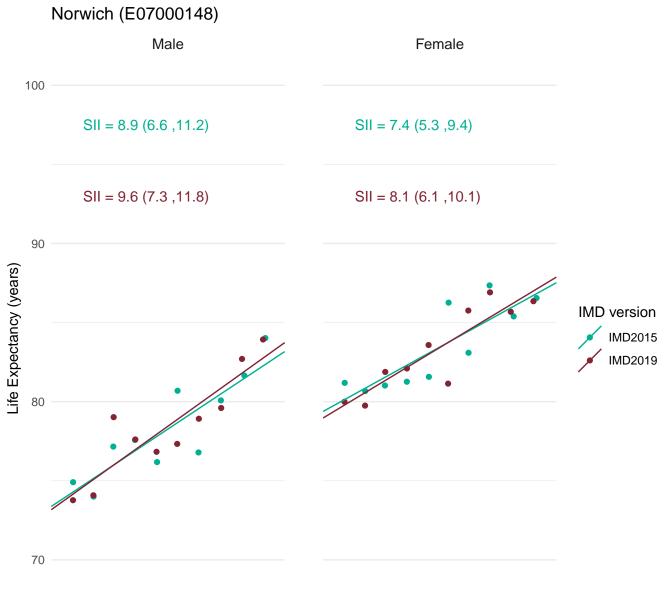


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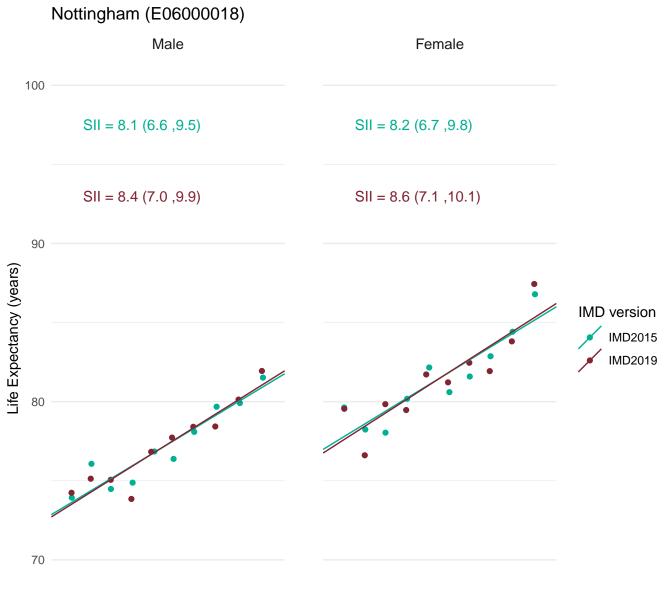




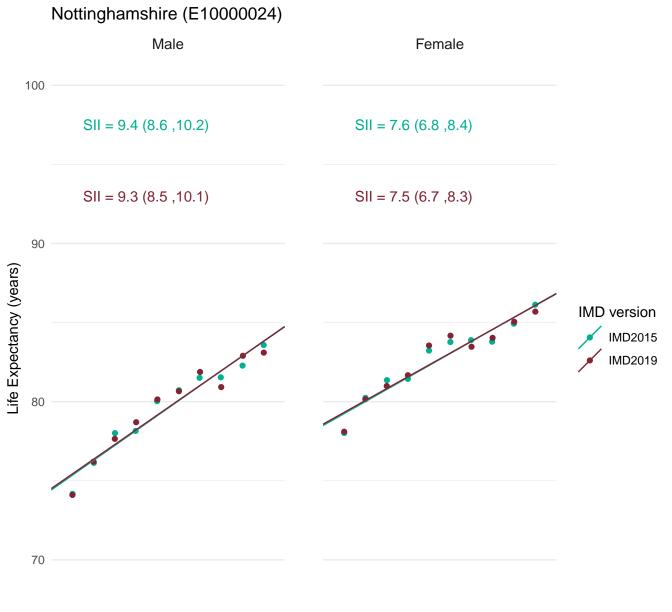
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Most deprived

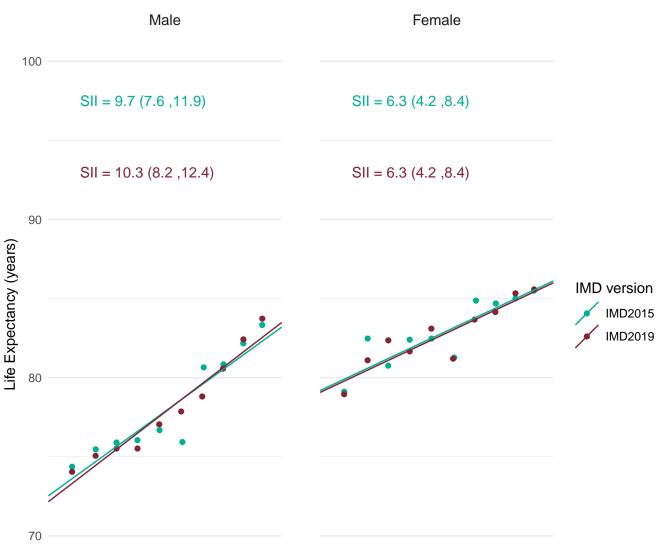


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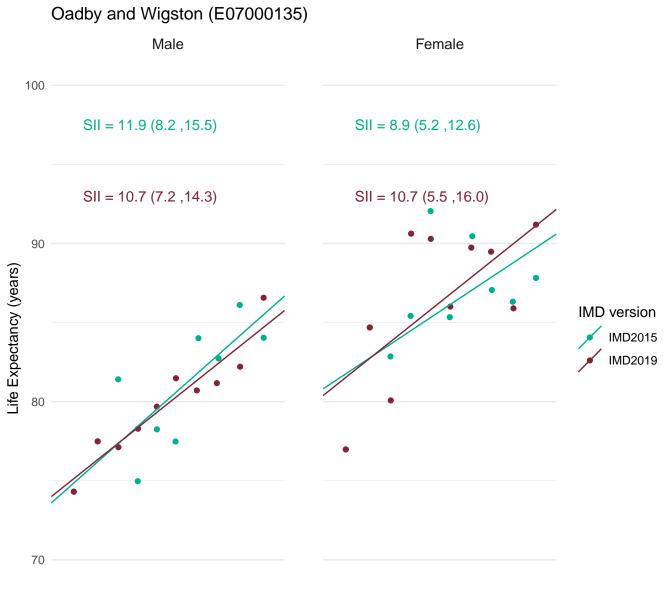
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Nuneaton and Bedworth (E07000219)

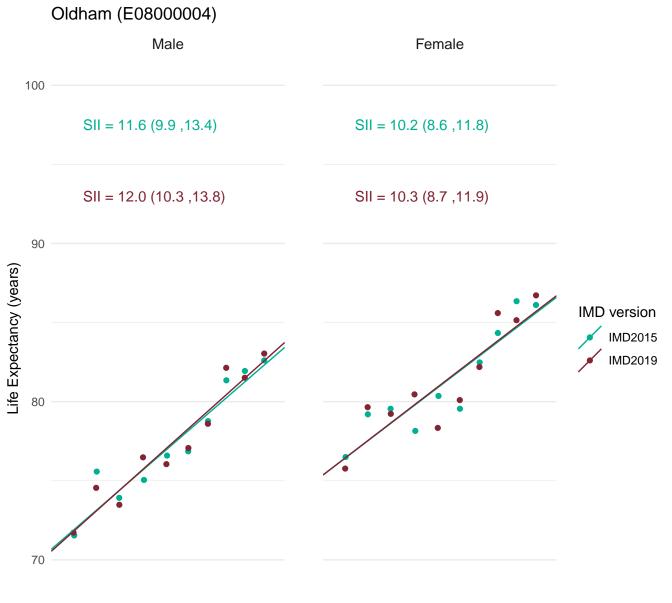


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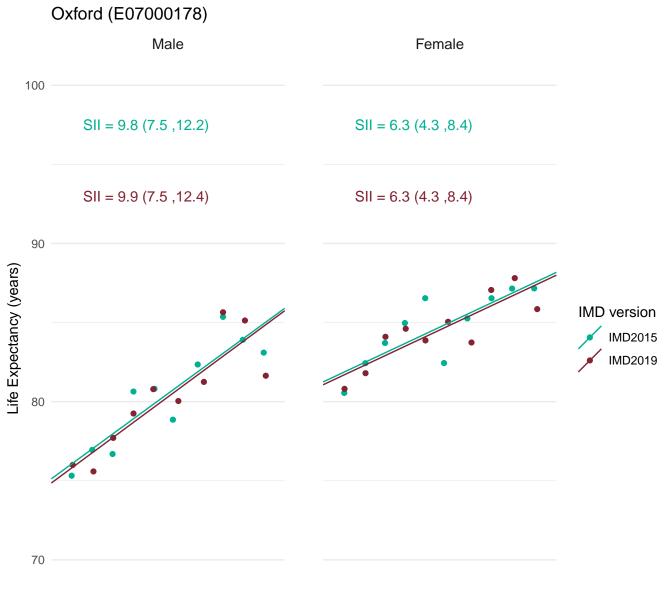
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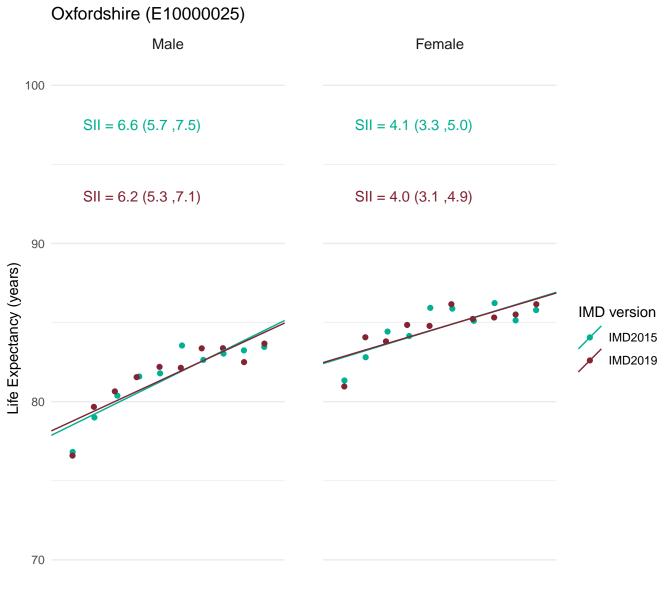
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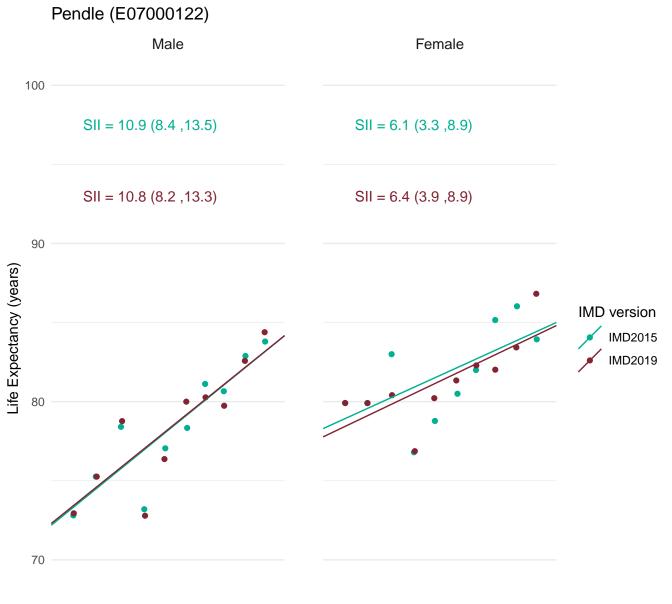
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Most deprived

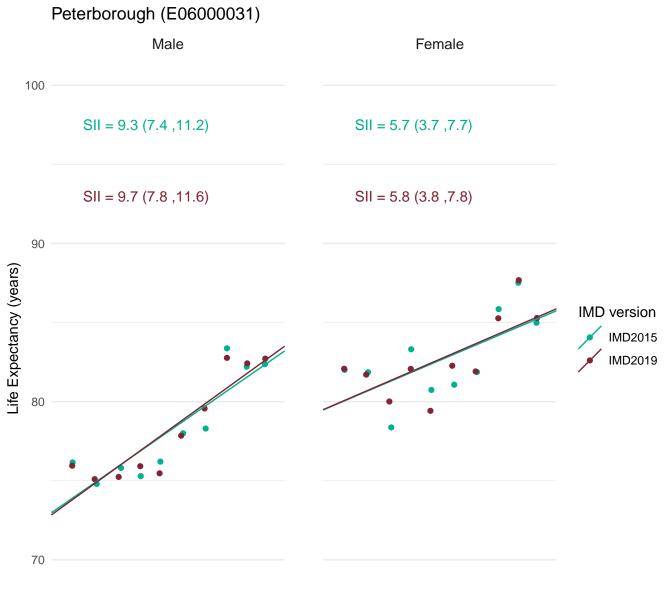


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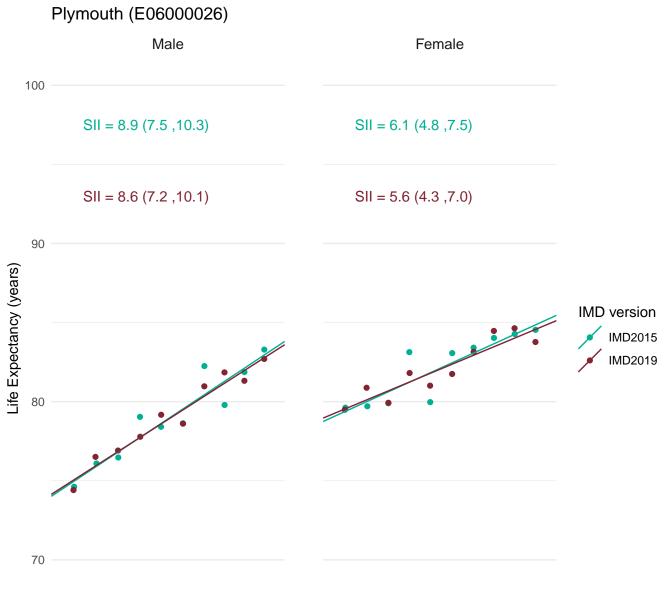


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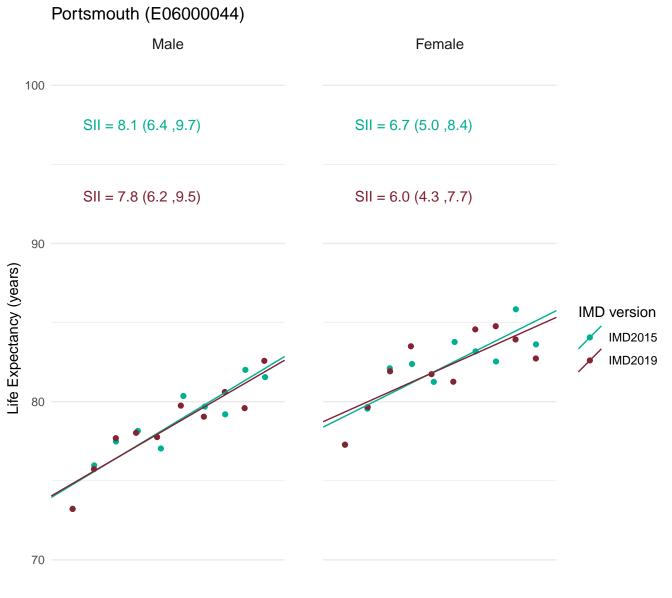
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Most deprived

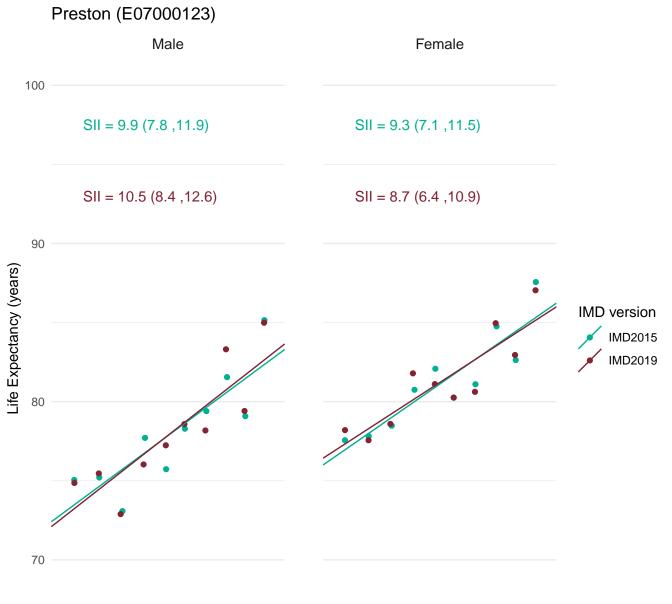


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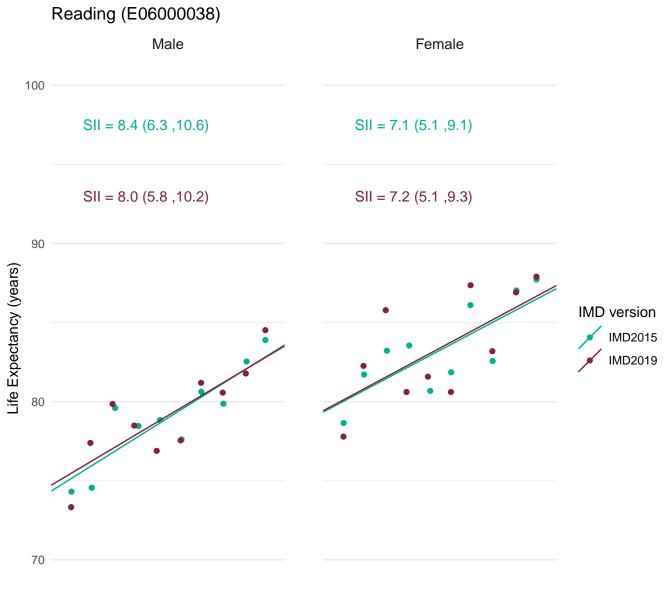


Least deprived

Most deprived

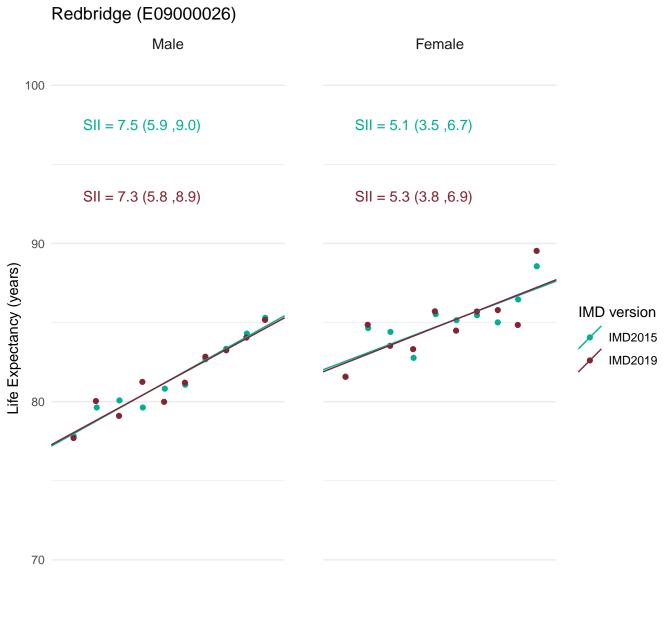


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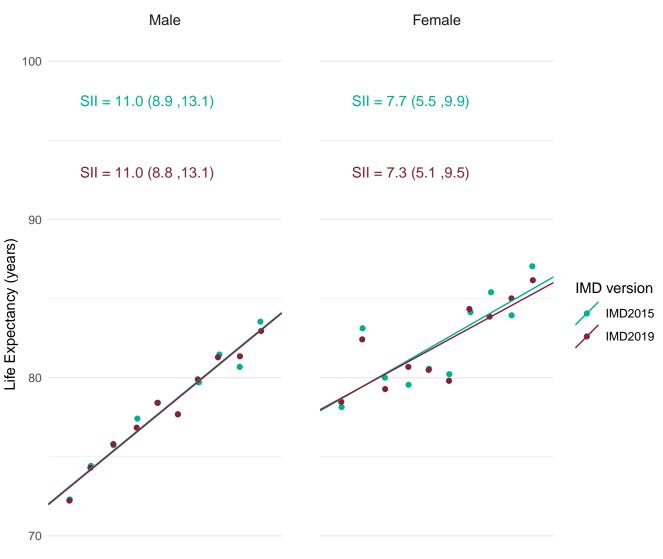
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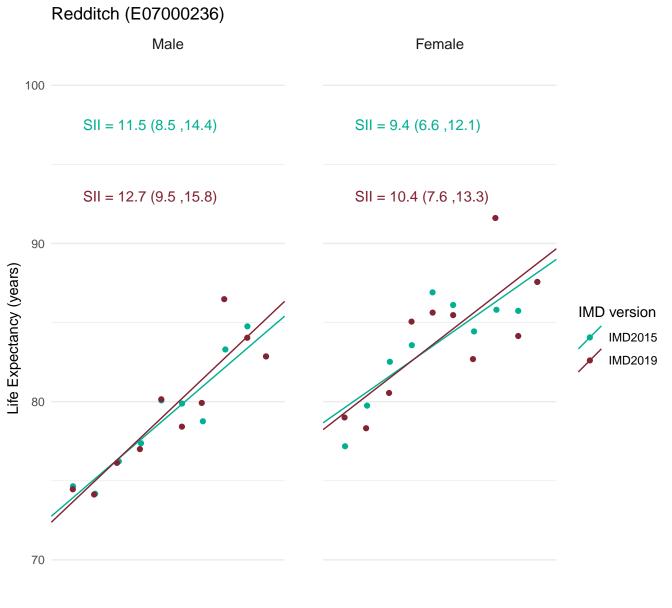
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Redcar and Cleveland (E0600003)



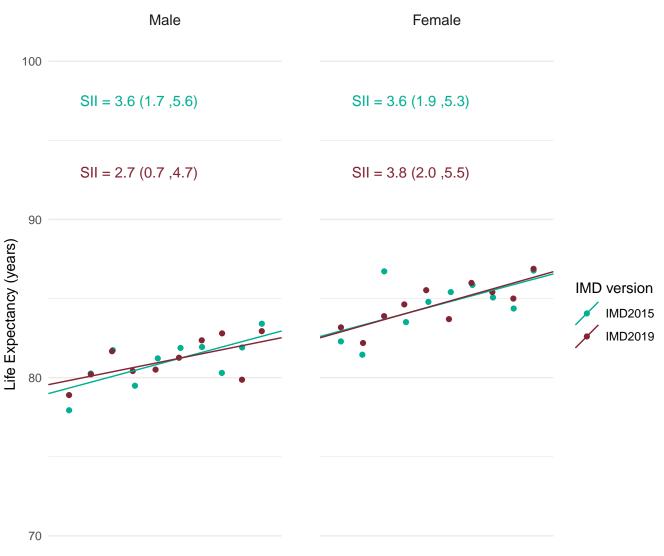
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Most deprived



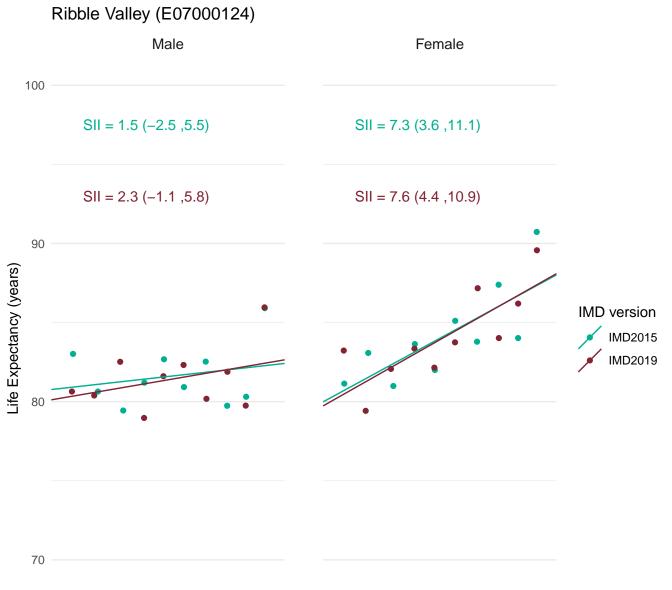
Most deprived

Reigate and Banstead (E07000211)



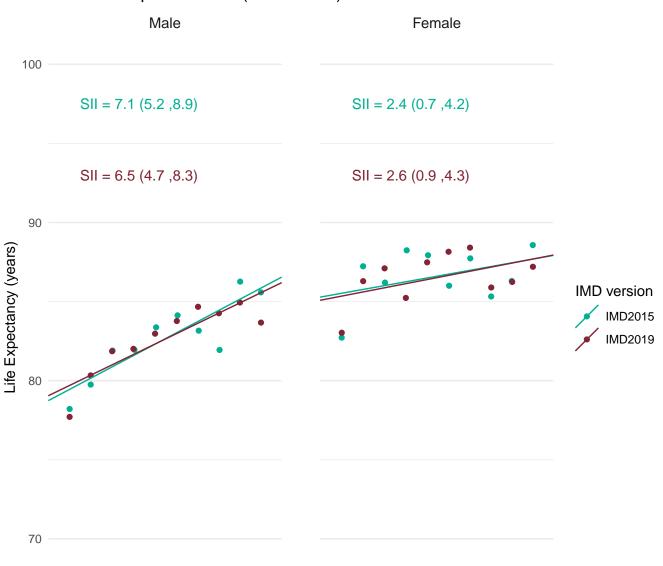
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Most deprived



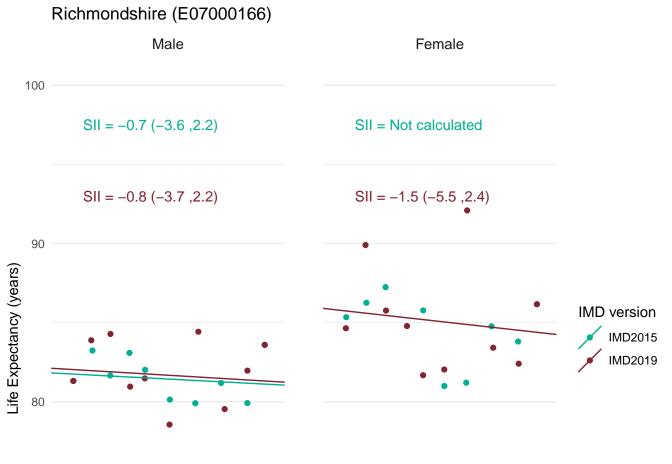
Most deprived

Richmond upon Thames (E09000027)



Most deprived

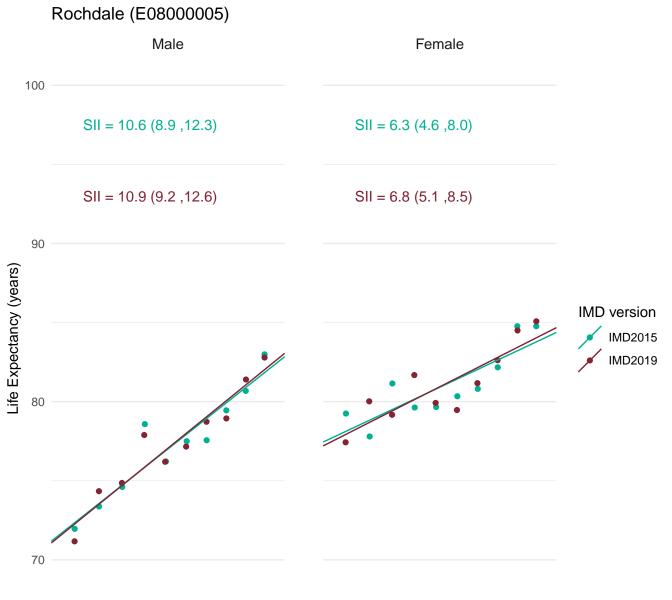
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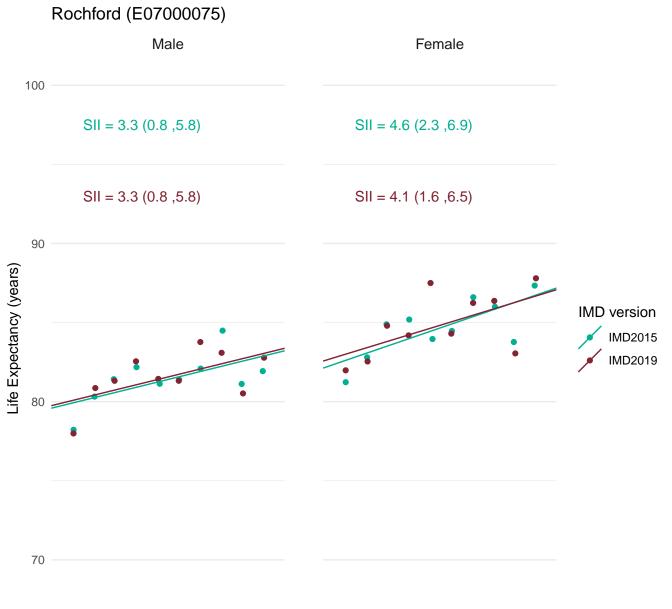
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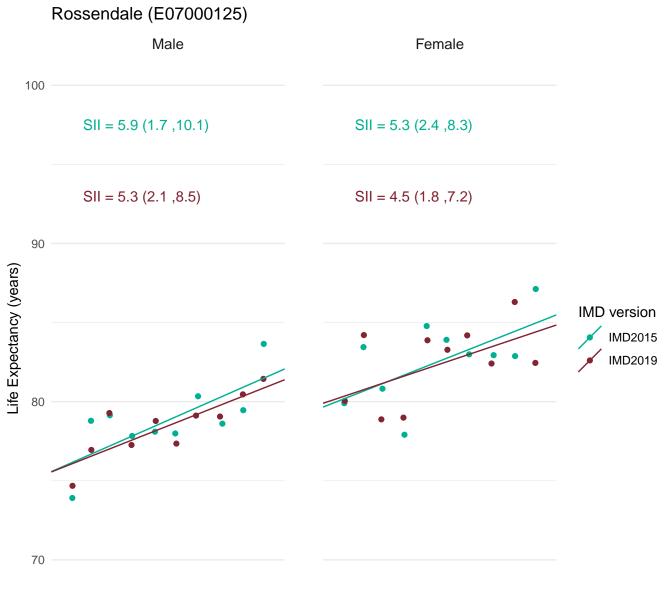
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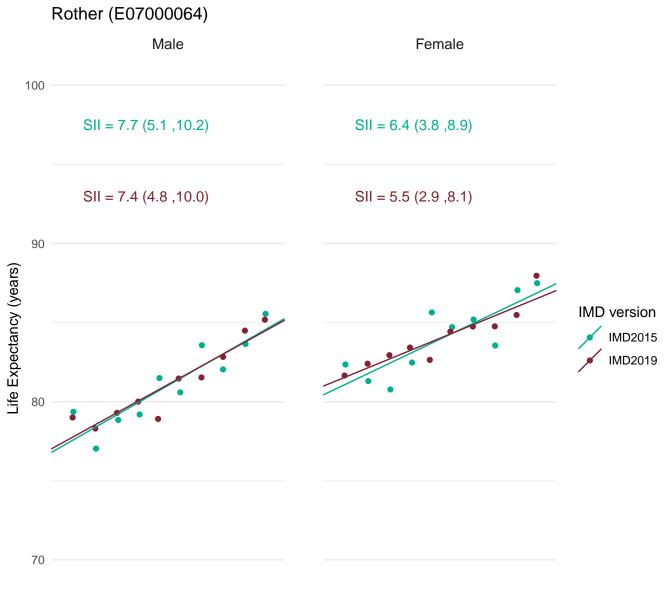
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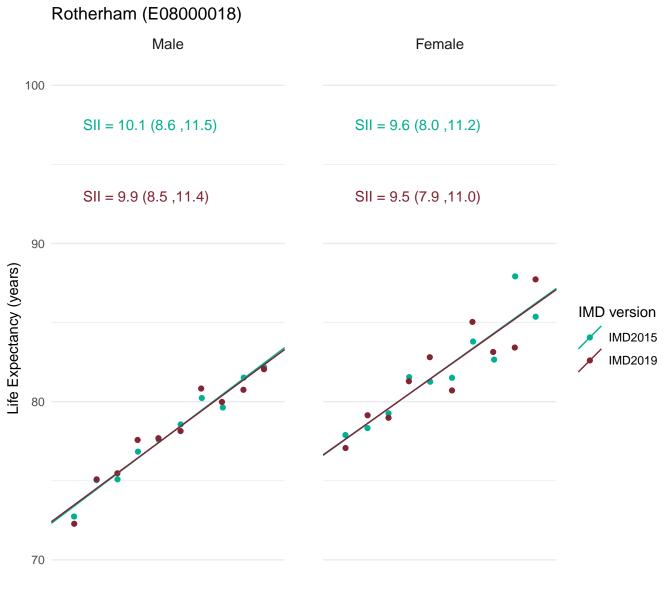
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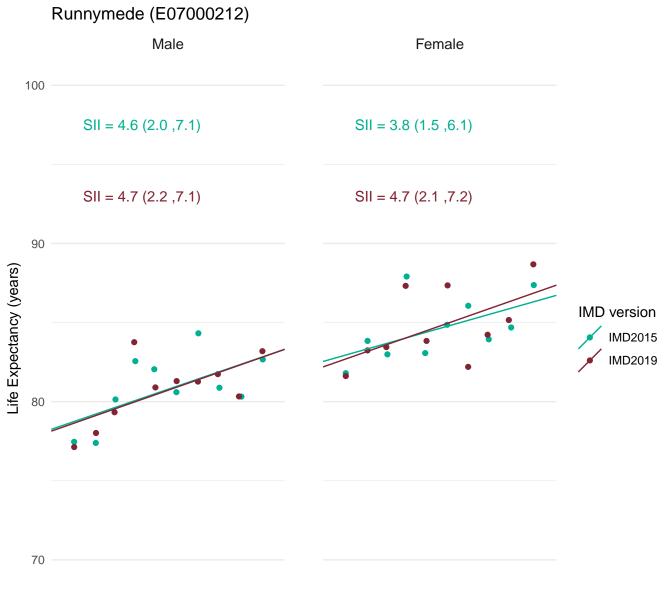
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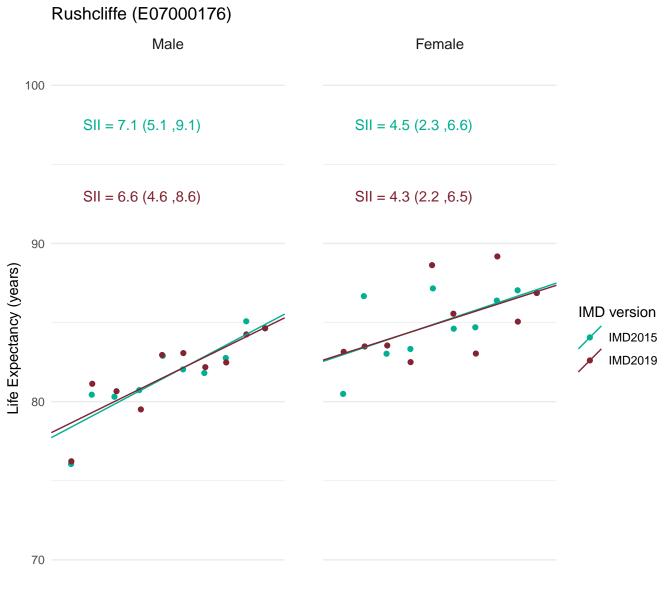
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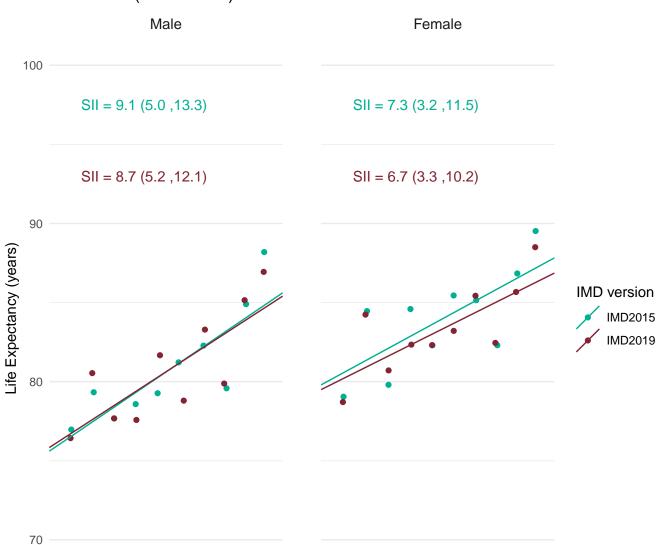


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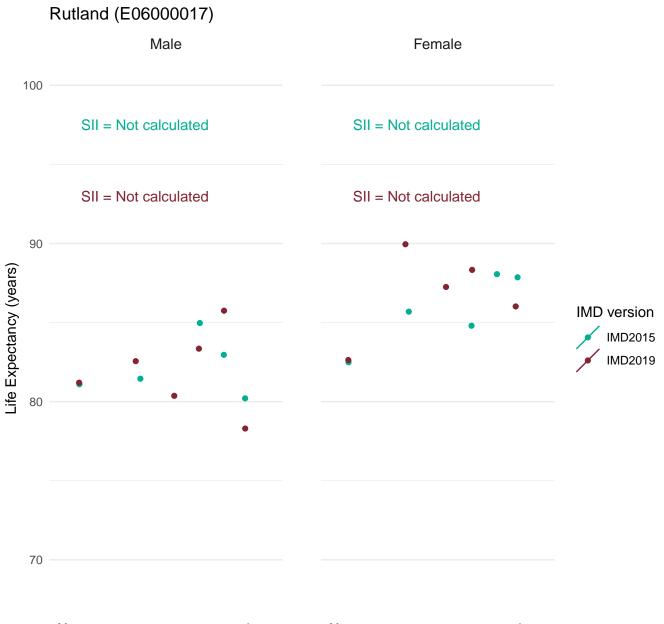
Most deprived

Rushmoor (E0700092)

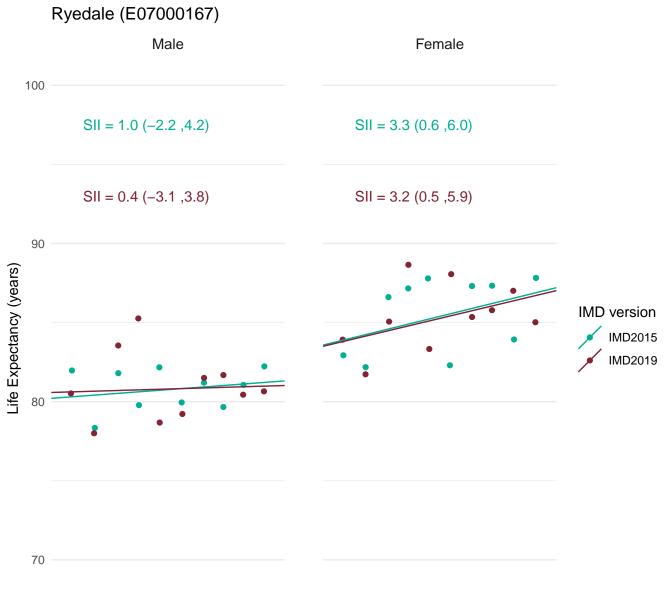


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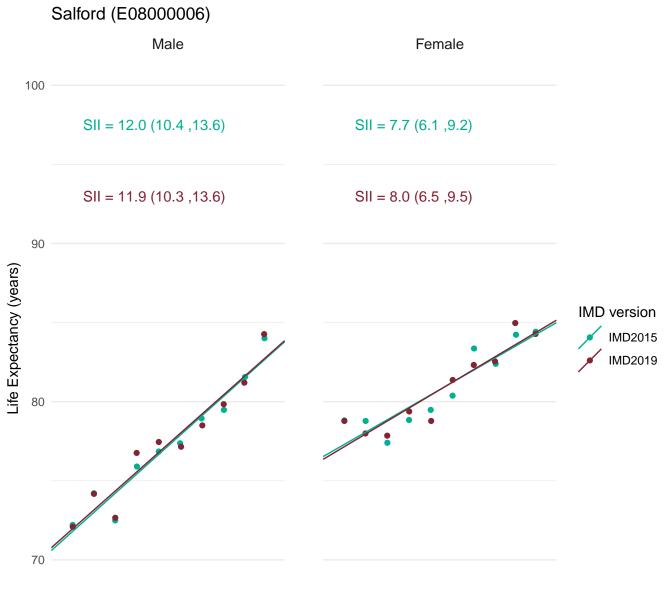
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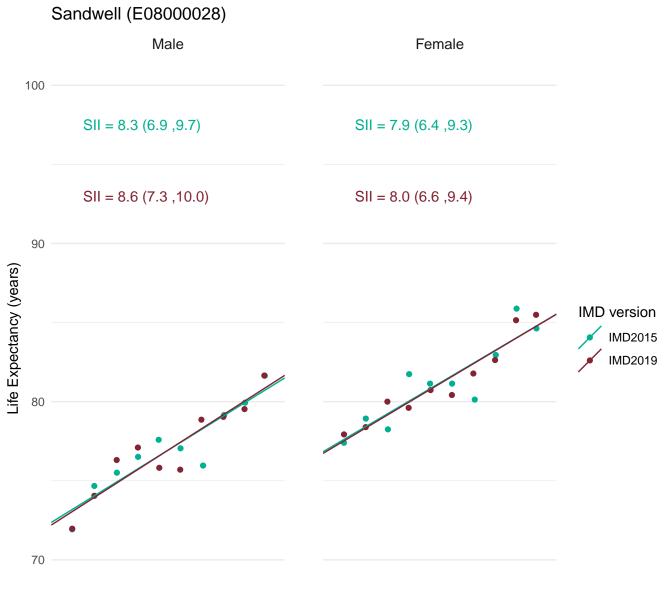
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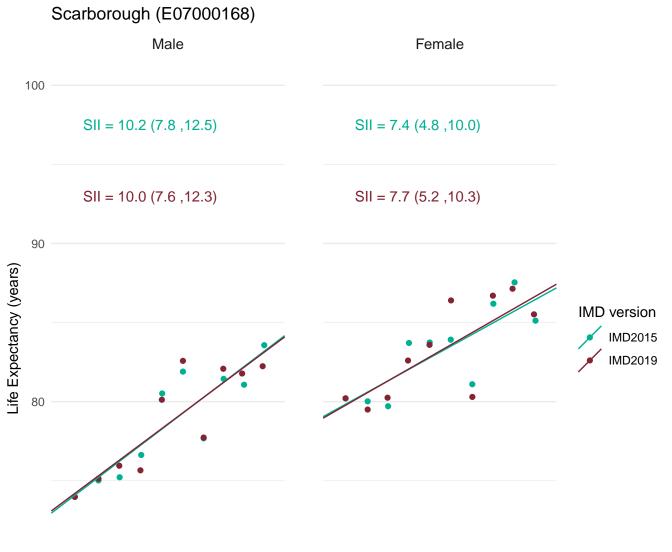
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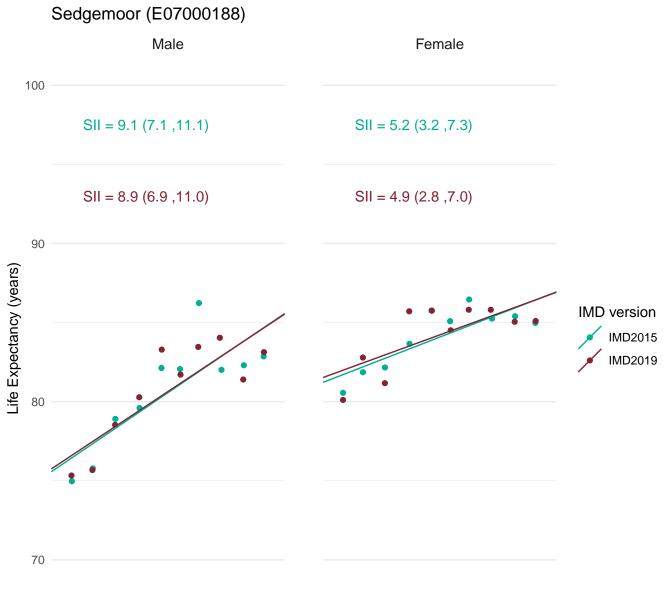


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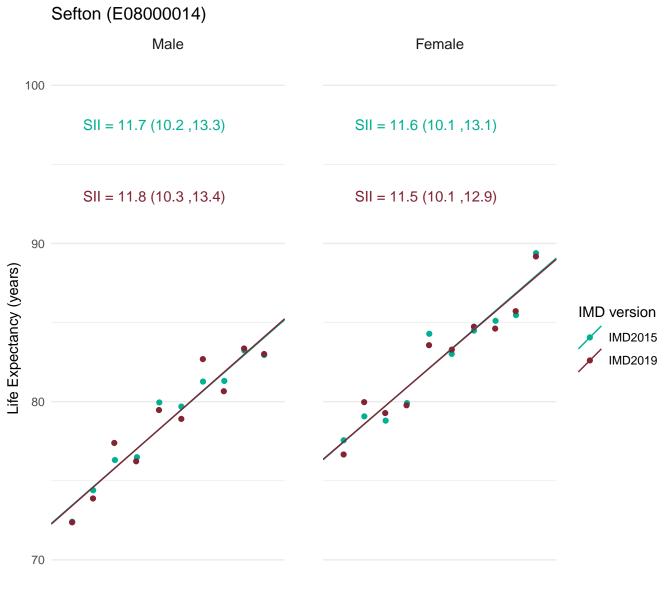




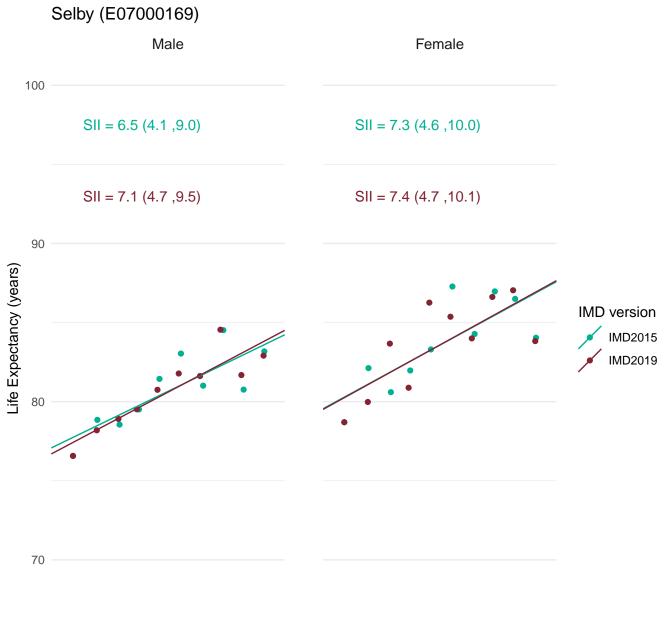
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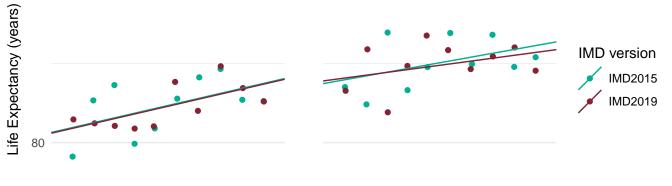


Most deprived



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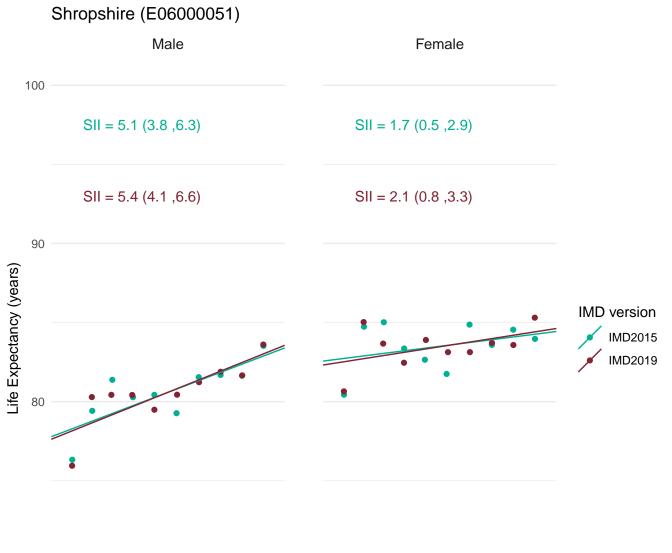
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Most deprived



Least deprived

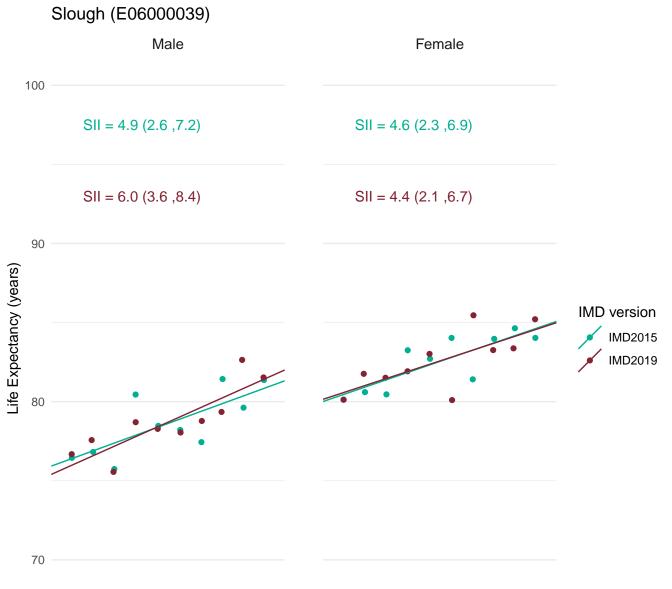
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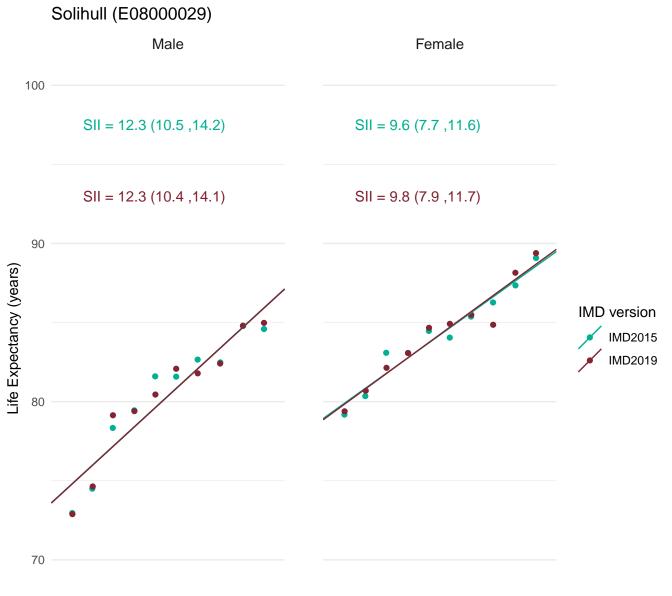
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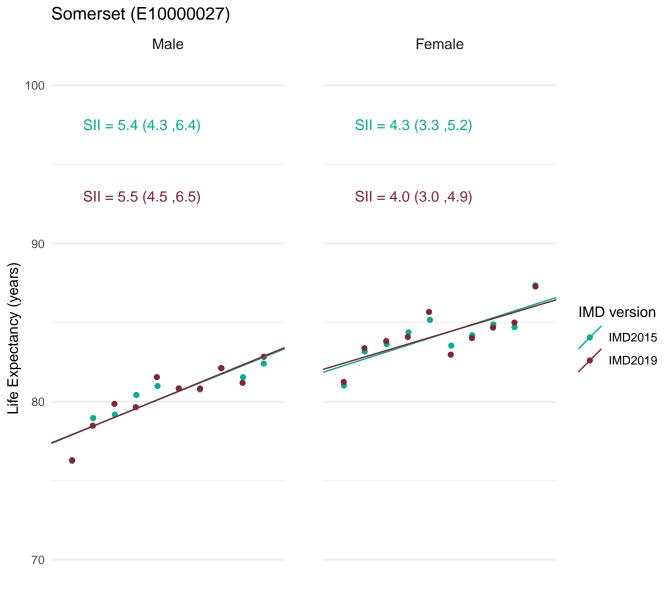
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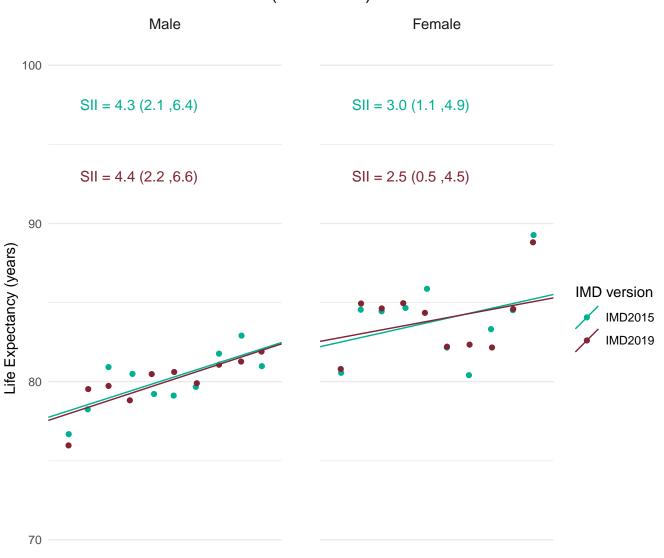


Most deprived



Most deprived

Somerset West and Taunton (E07000246)



Most deprived

Most deprived

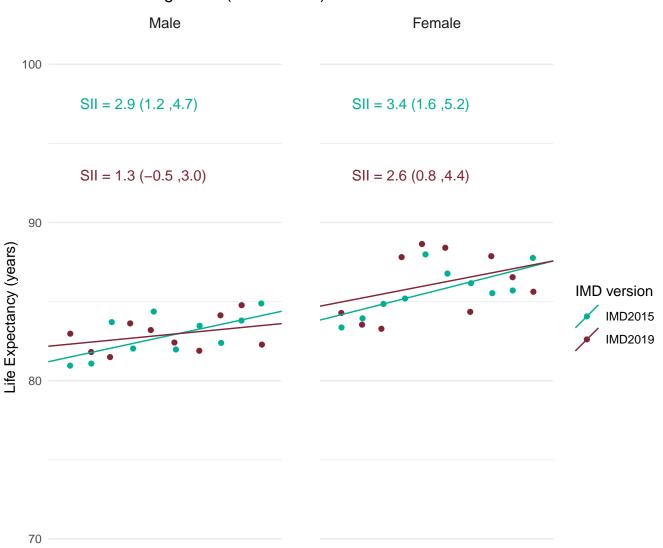


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Most deprived

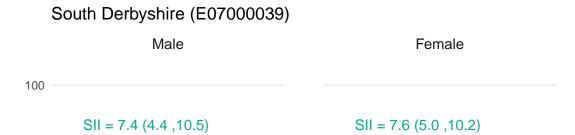
Most deprived

South Cambridgeshire (E07000012)

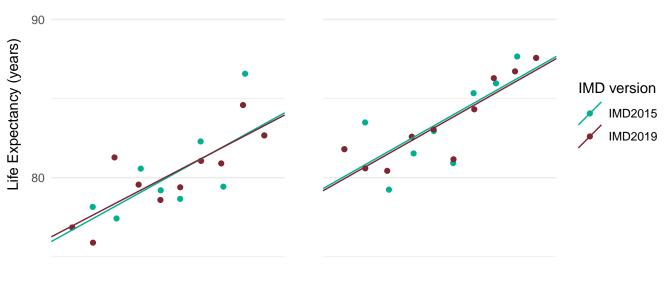


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Most deprived



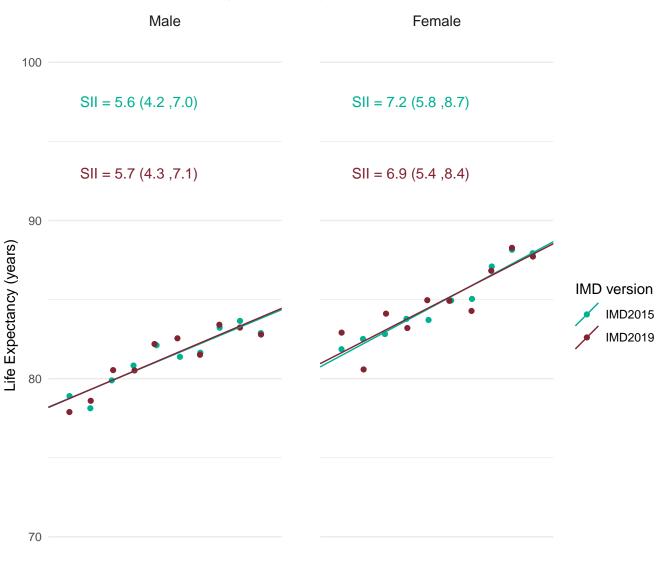
SII = 7.0 (4.0 ,10.0) SII = 7.6 (5.0 ,10.2)



Most deprived

Most deprived

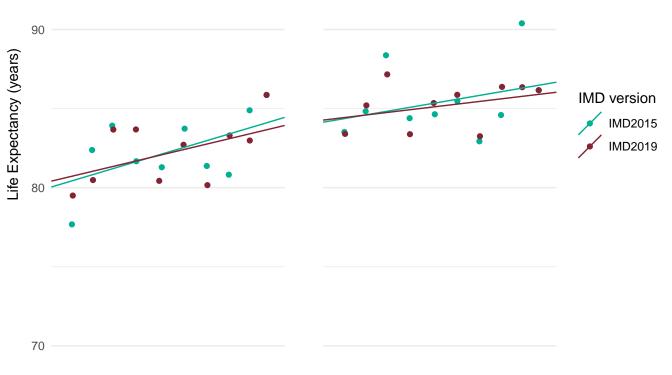
South Gloucestershire (E06000025)



Most deprived

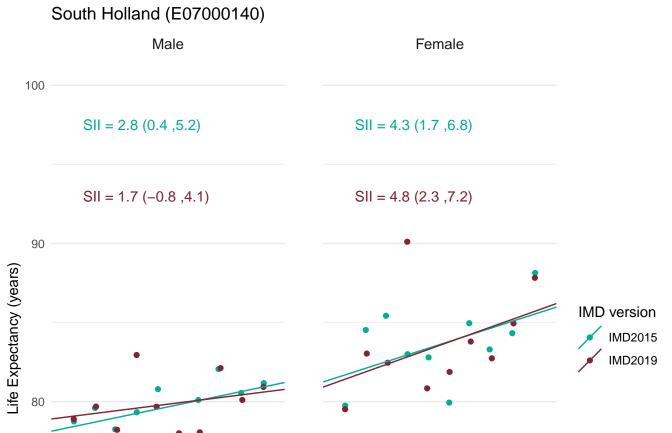
Most deprived

South Hams (E07000044) Male Female 100 SII = 4.0 (1.0, 6.9) SII = 2.3 (-0.3, 4.9) SII = 3.2 (0.4, 6.1)SII = 1.6 (-0.8, 4.1)



Most deprived

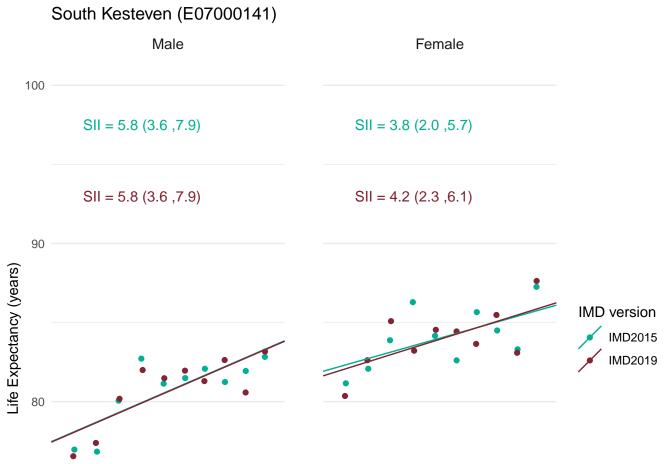
Most deprived



70 -

Most deprived

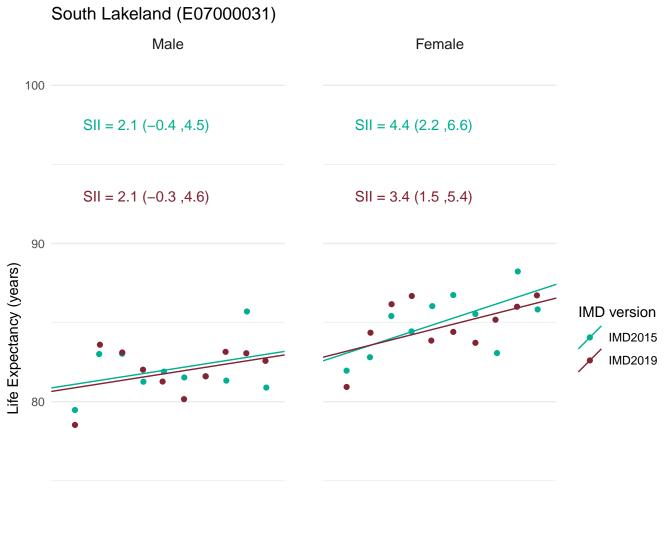
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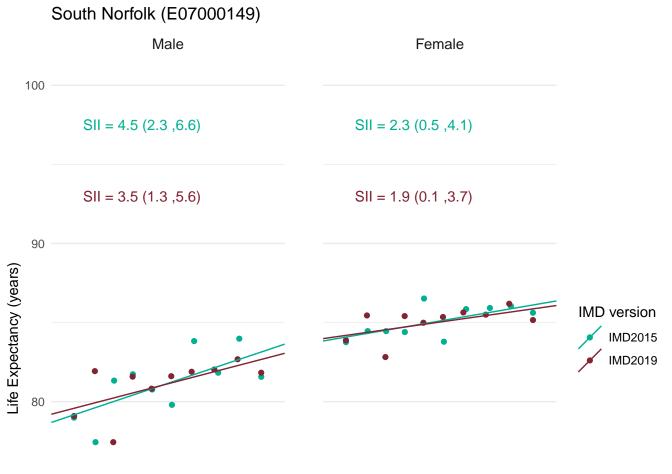
Most deprived

Most deprived





Most deprived

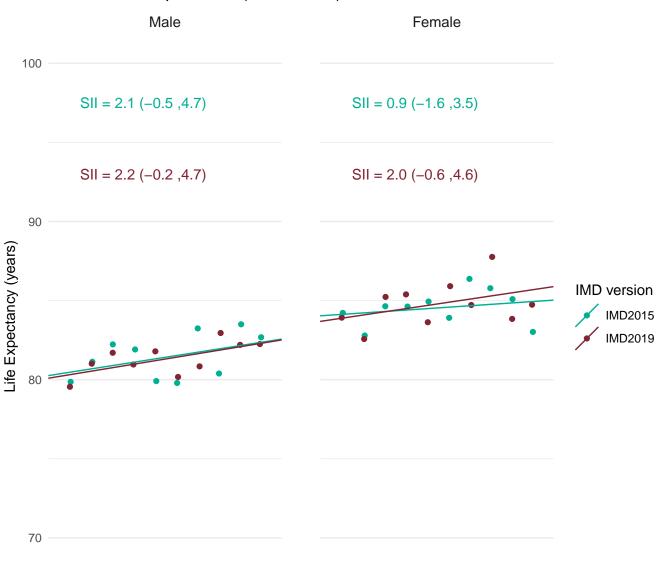


70 -

Most deprived

Most deprived

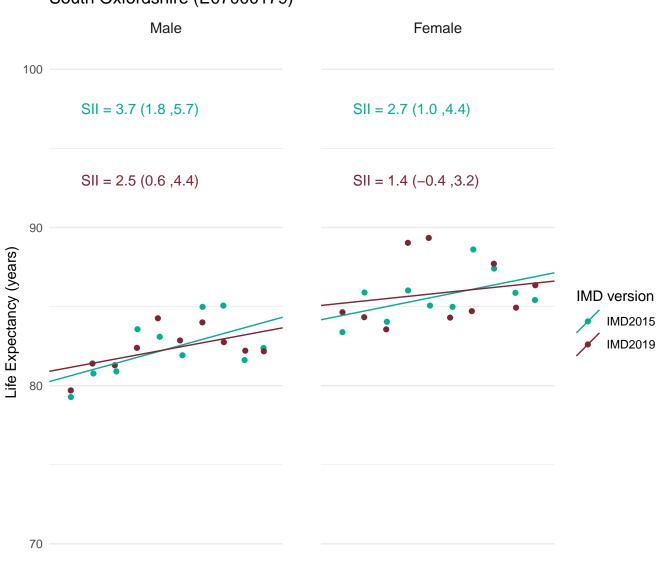
South Northamptonshire (E07000155)



Most deprived

Most deprived

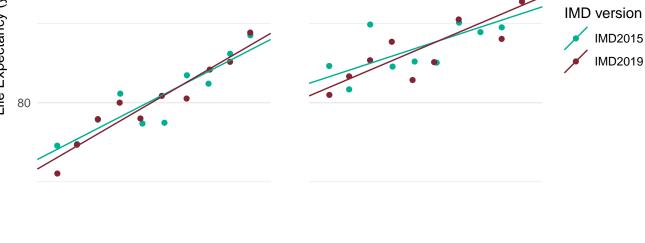
South Oxfordshire (E07000179)



Most deprived



Life Expectancy (years)

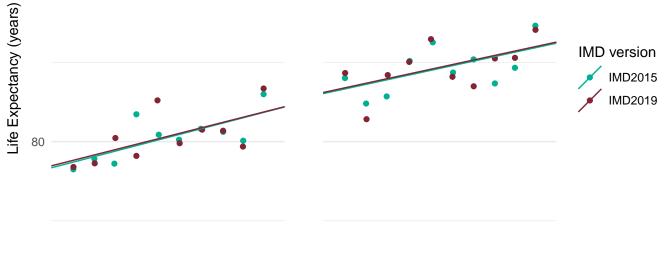


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Most deprived

Most deprived



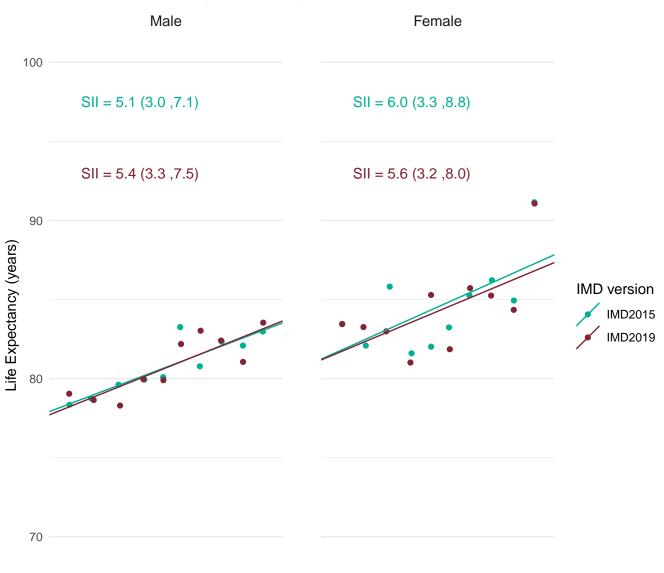


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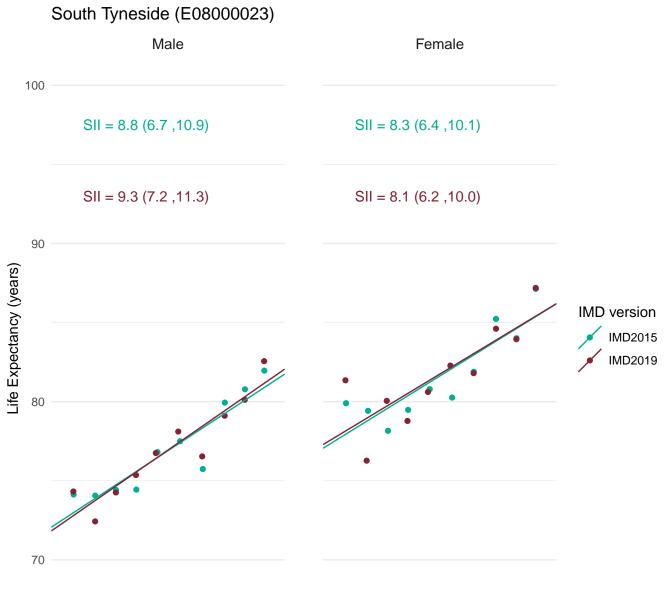
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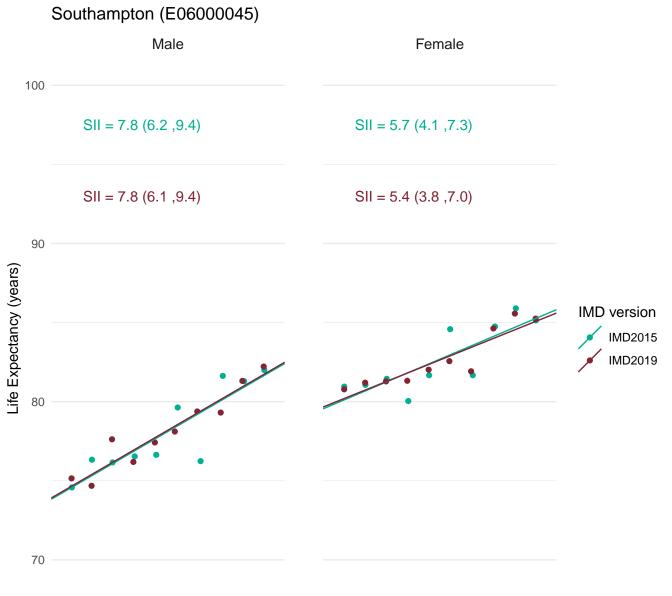




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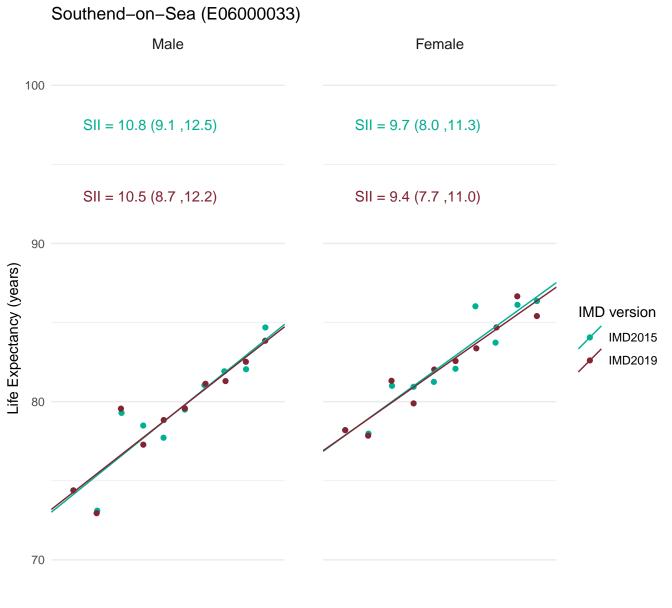


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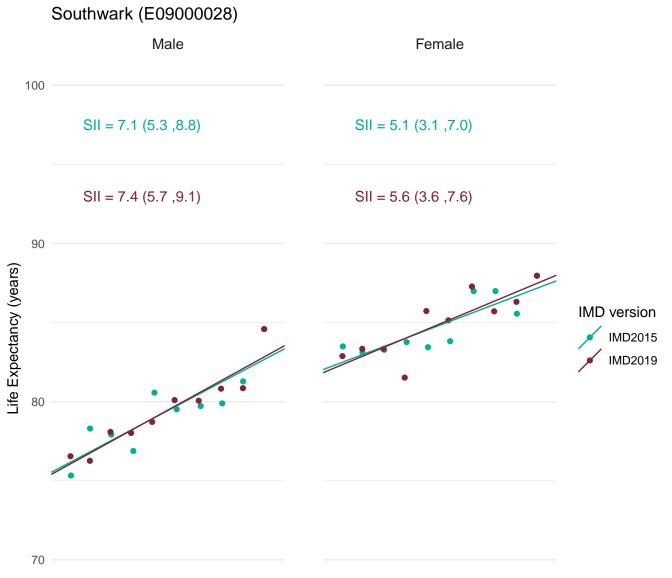


Least deprived

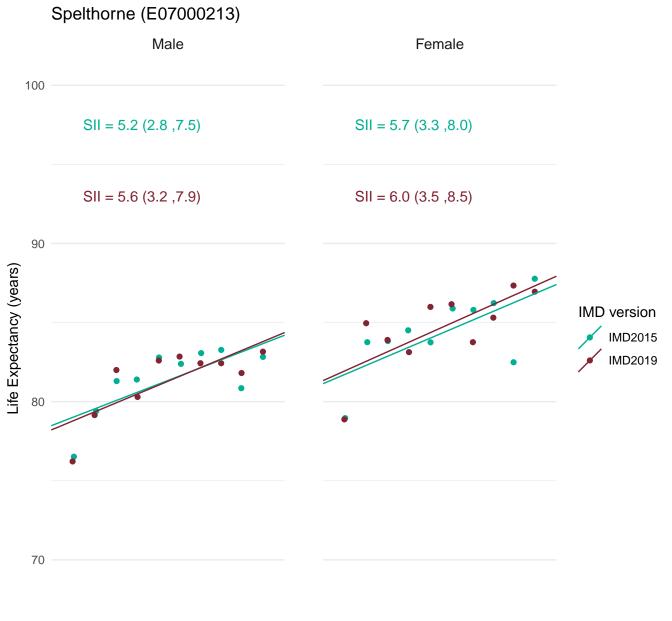
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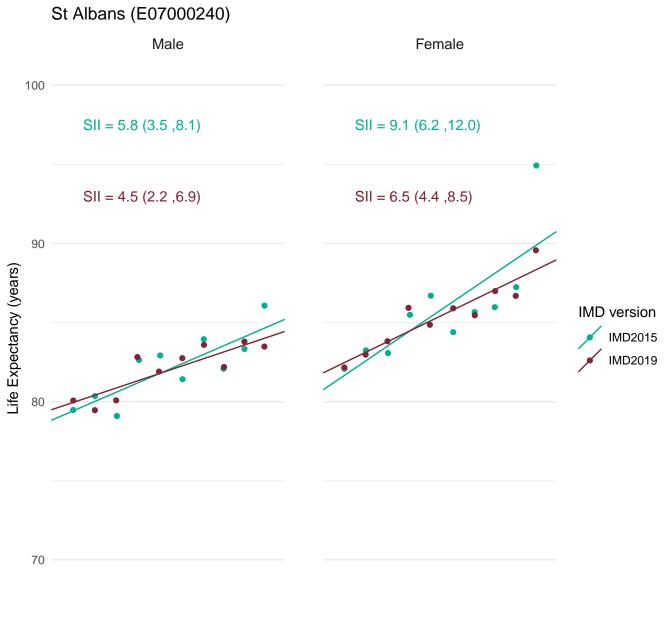
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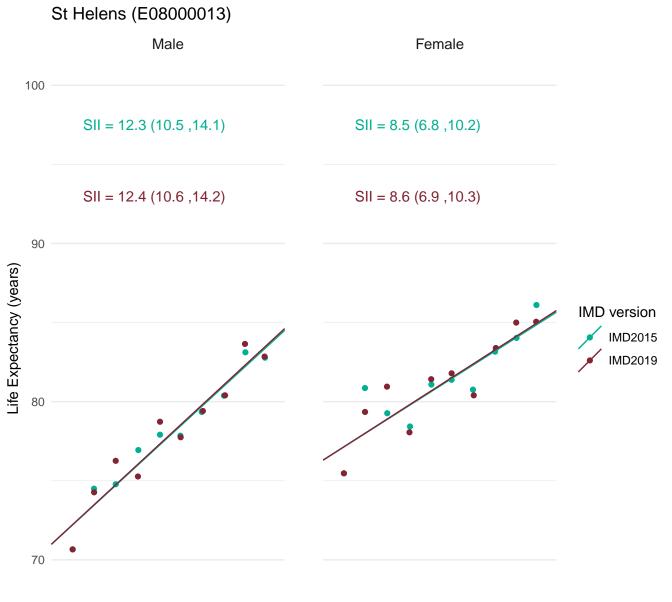
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Most deprived

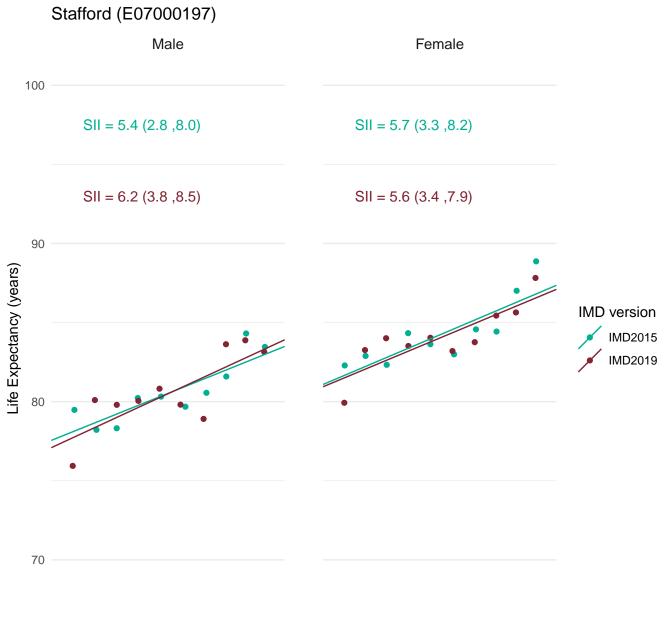


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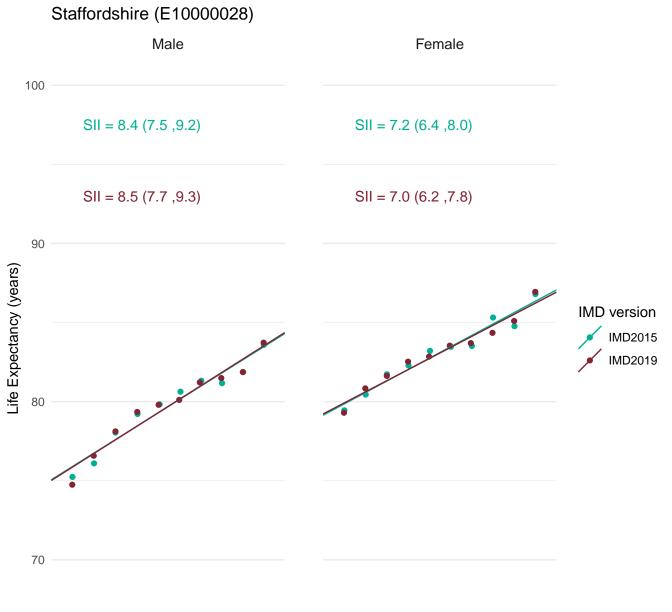


Least deprived

Most deprived

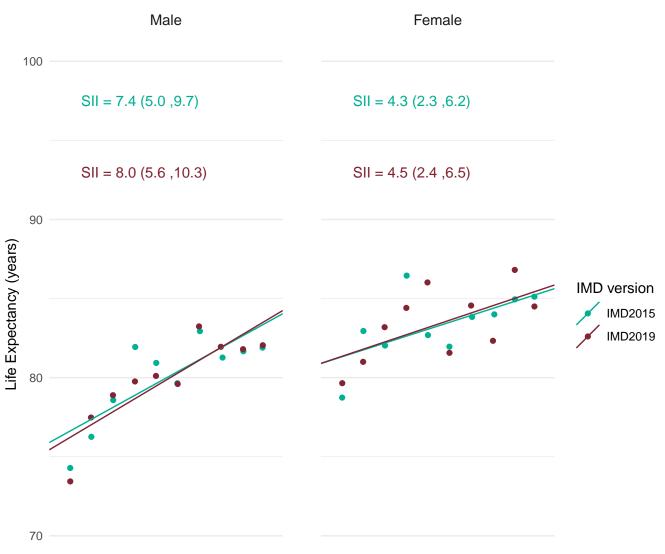


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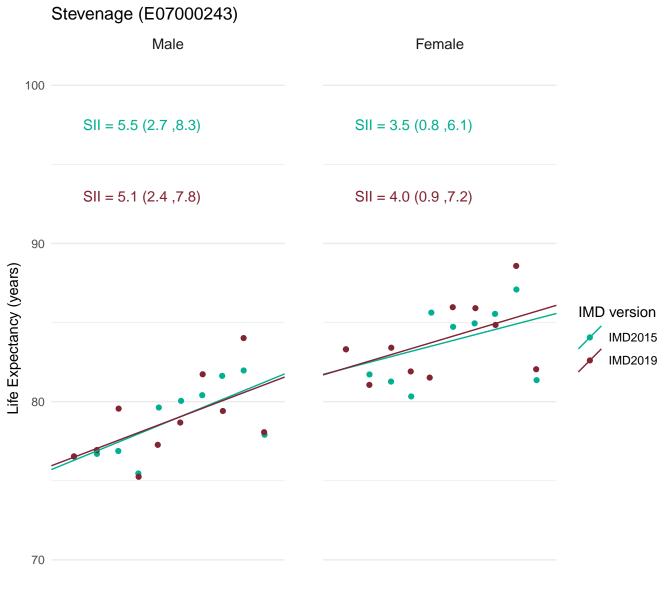


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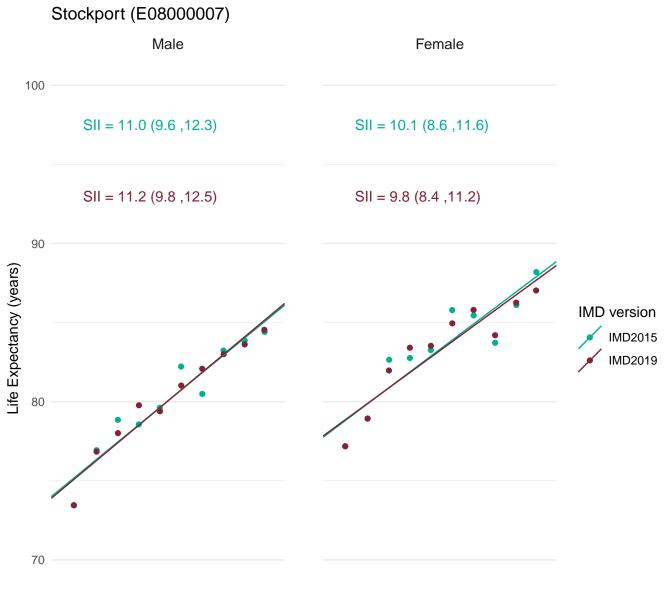
Staffordshire Moorlands (E07000198)



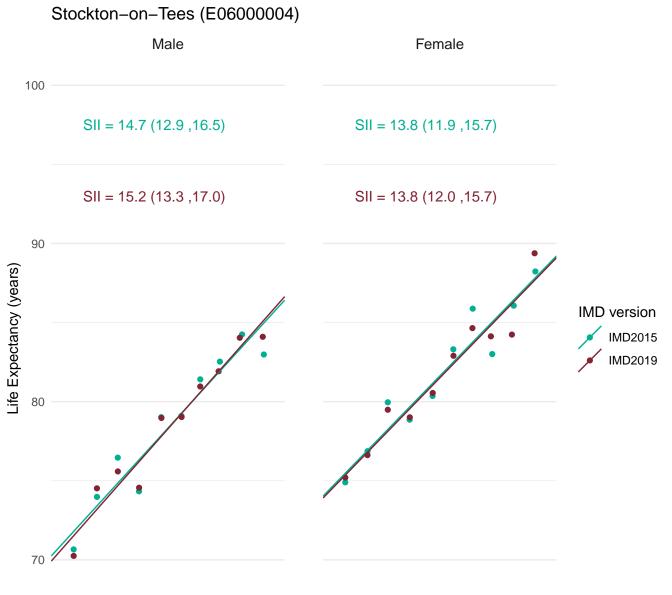
Most deprived Most deprived



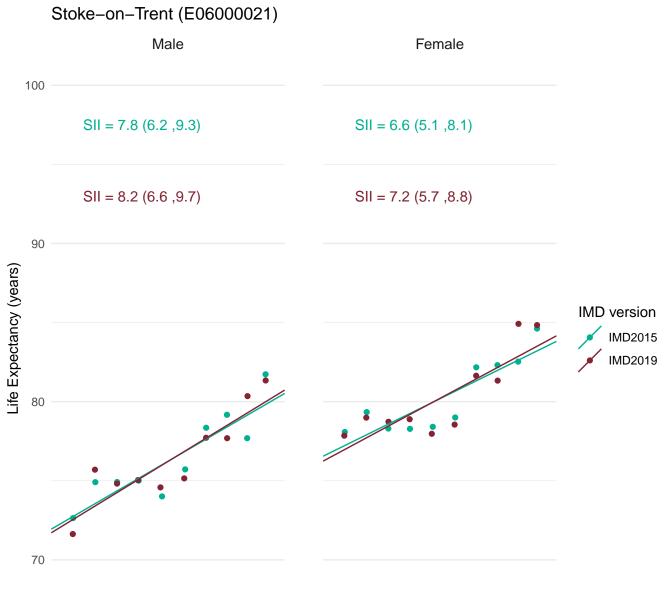
Most deprived



Most deprived



Most deprived

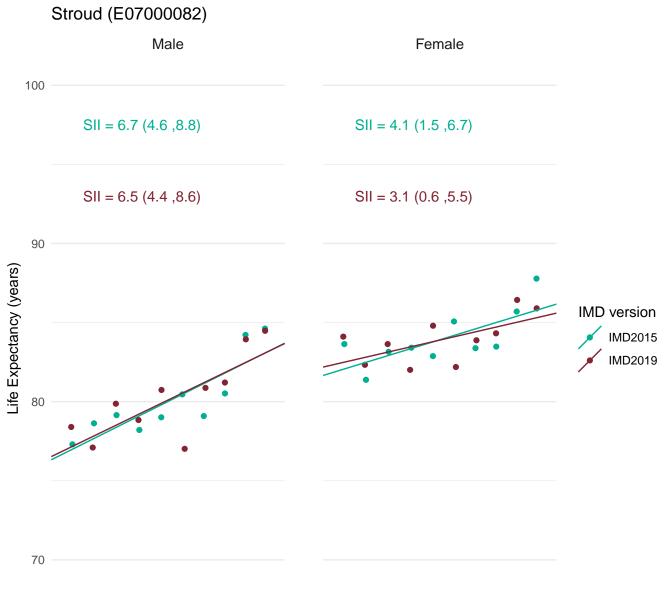


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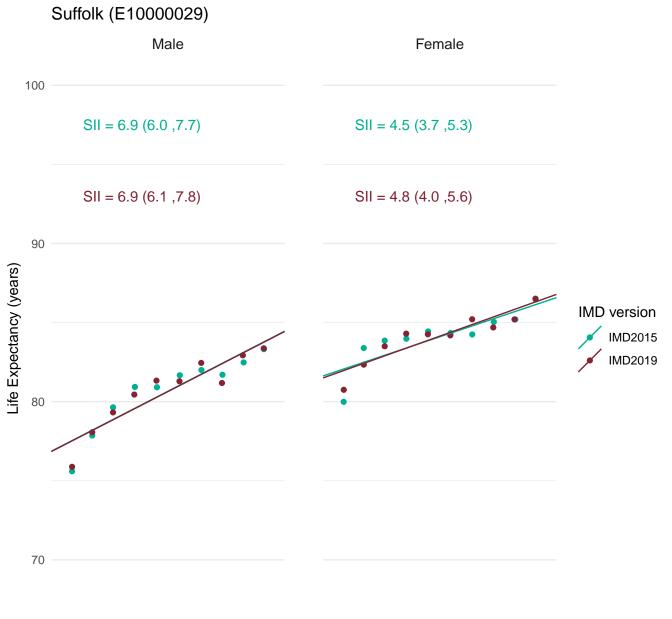




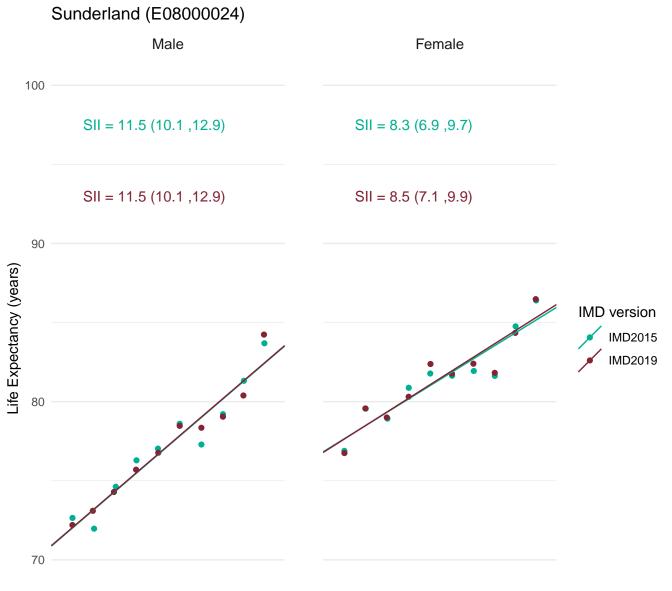
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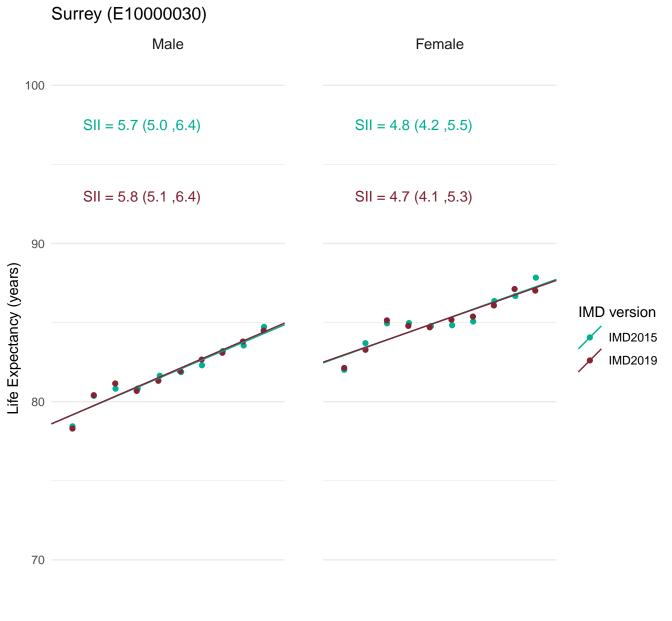
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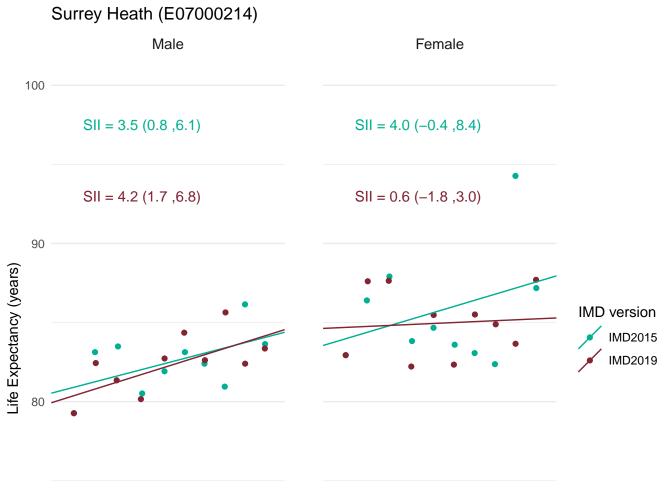
Most deprived



Most deprived



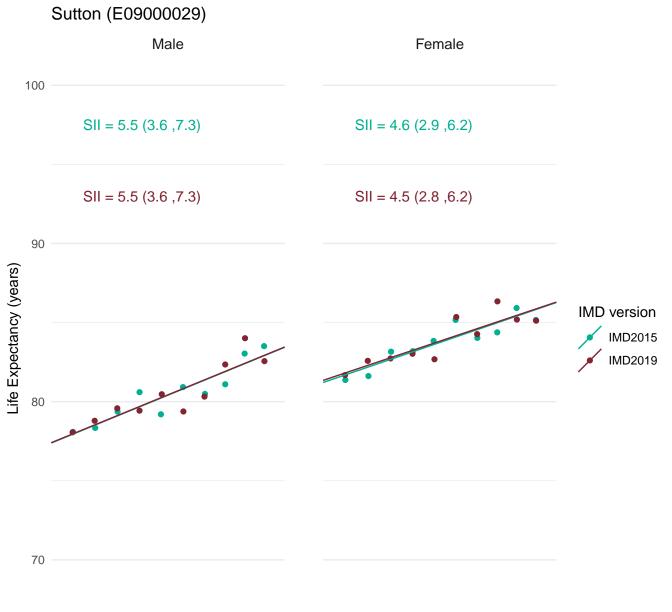
Most deprived



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Most deprived

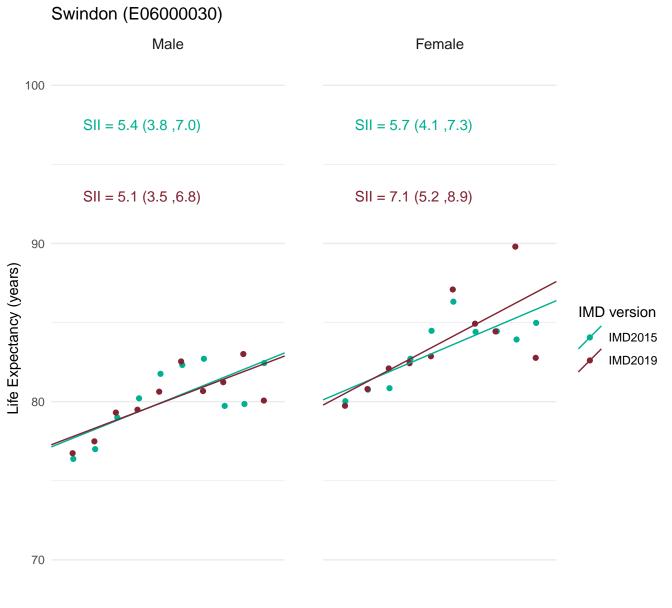
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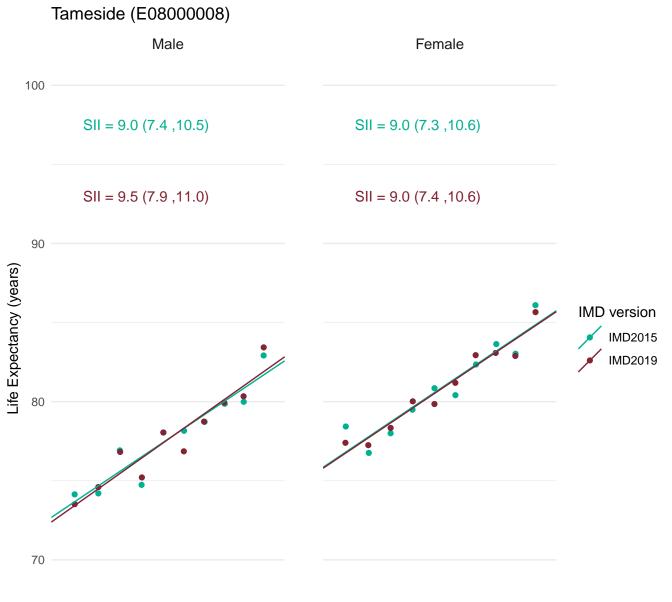
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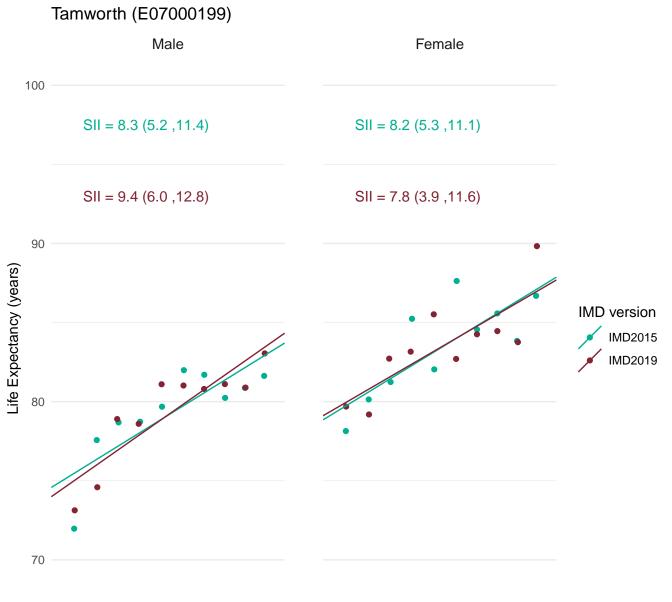
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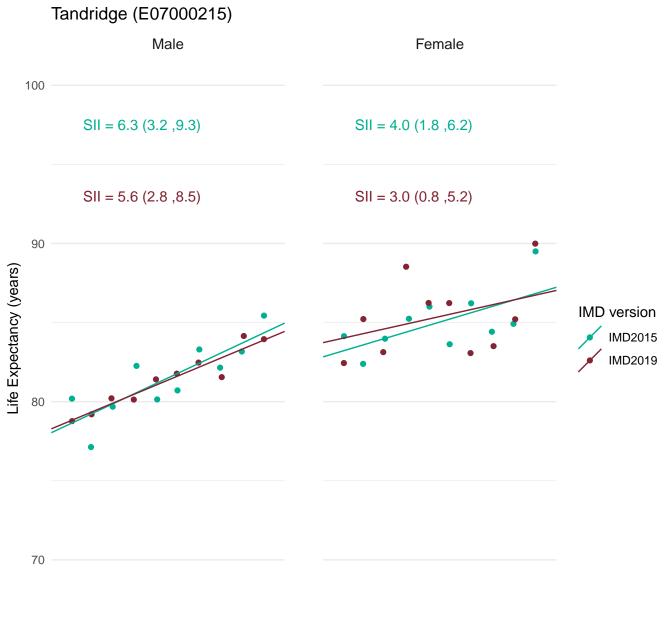
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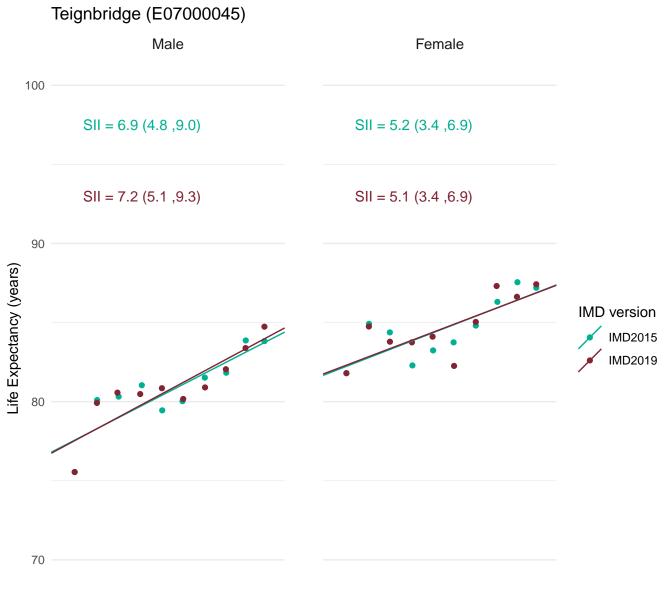
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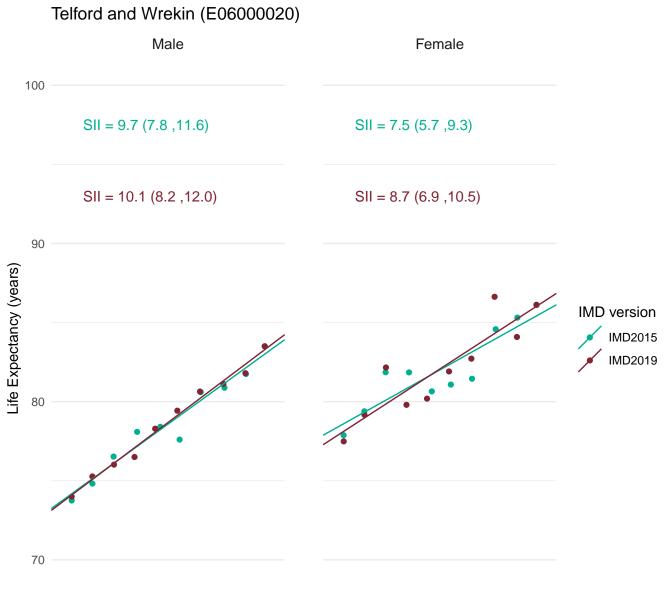
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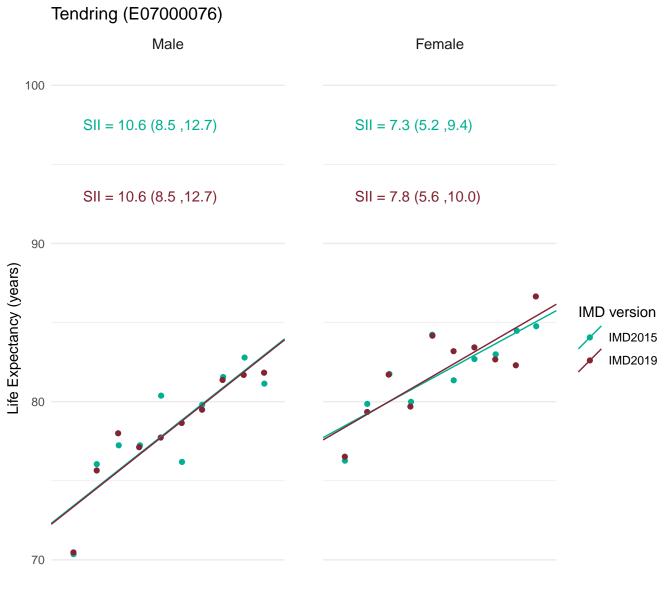
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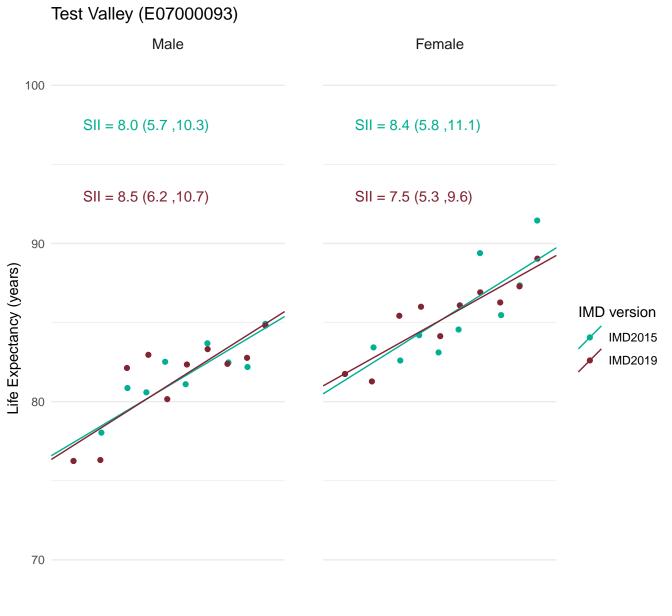
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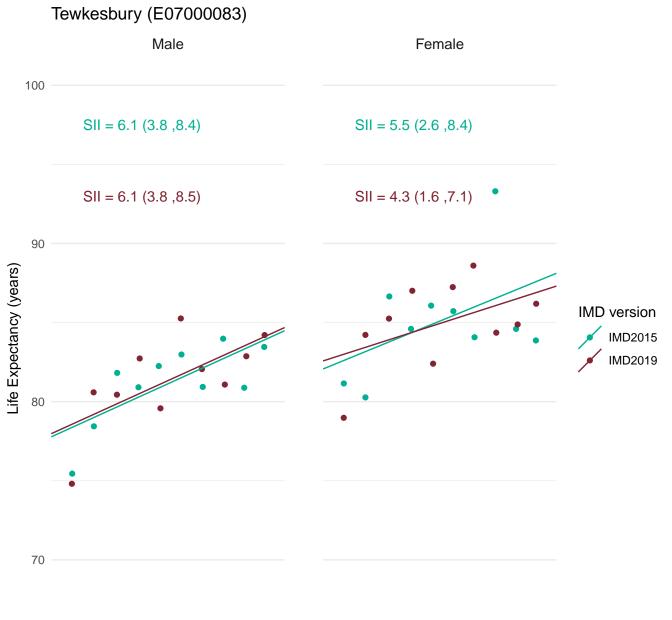
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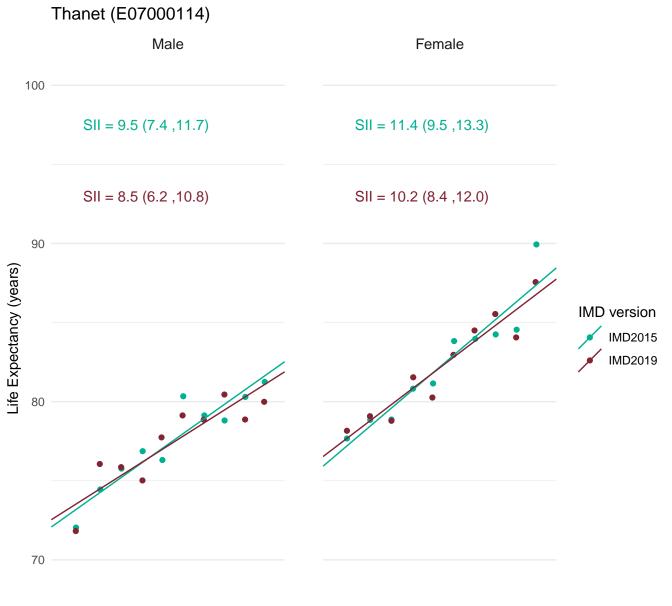
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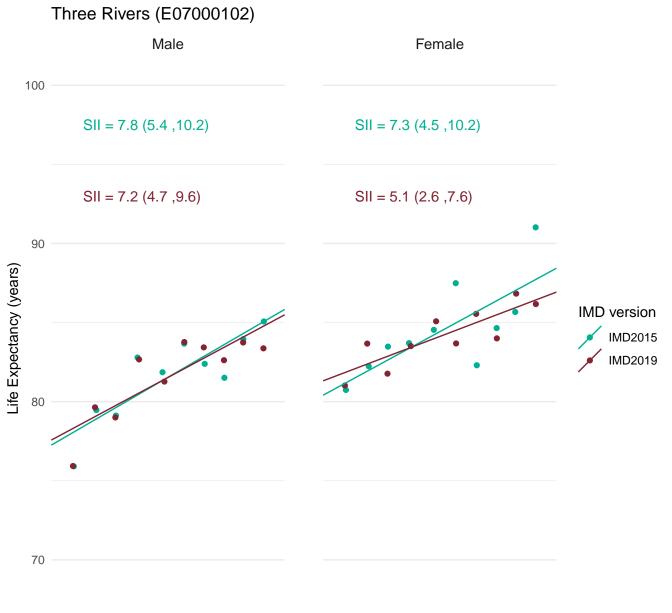
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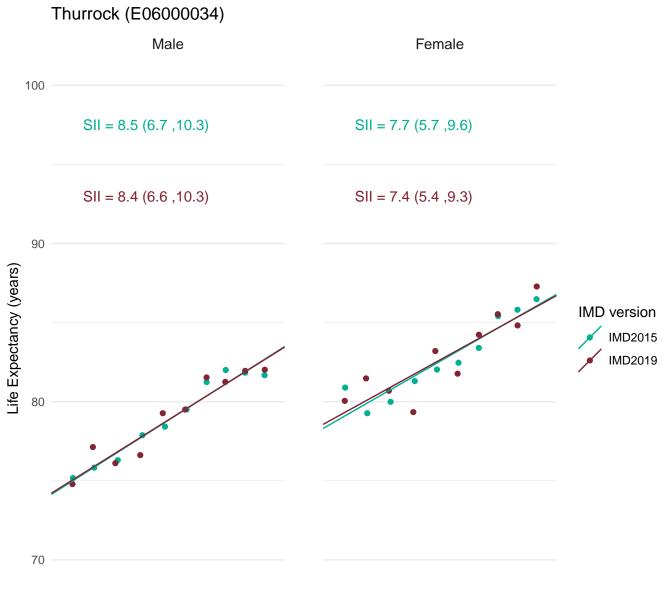
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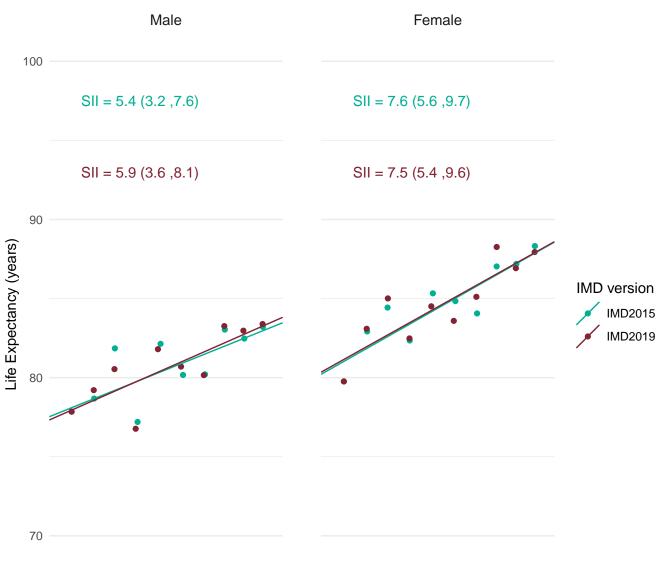


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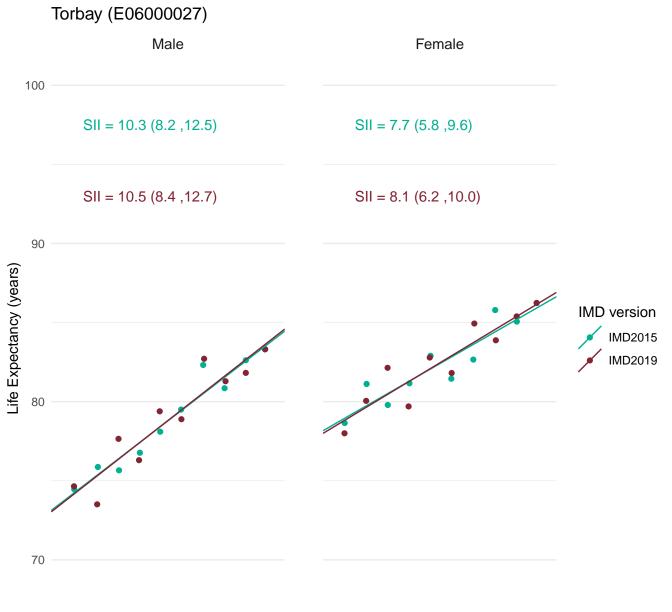


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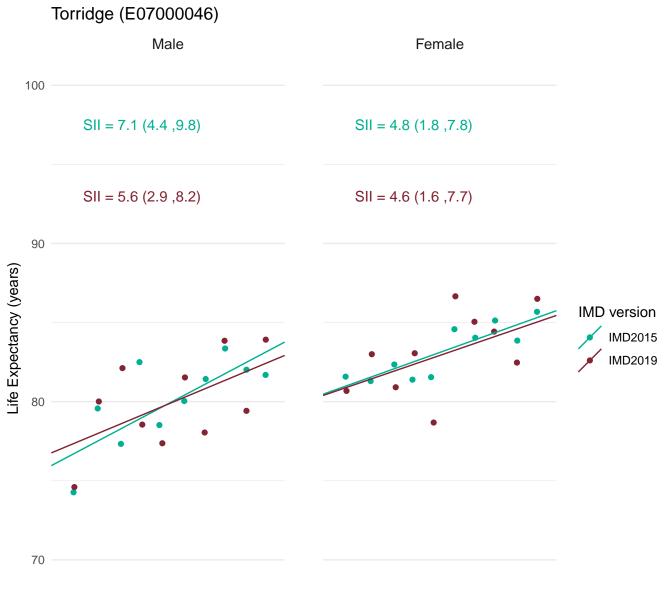
Tonbridge and Malling (E07000115)



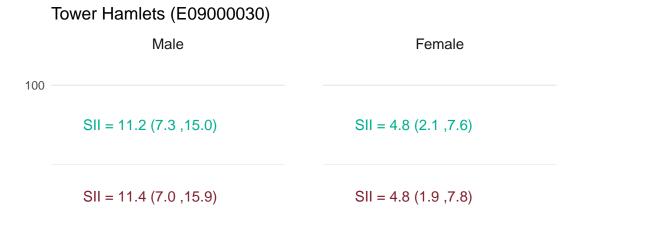
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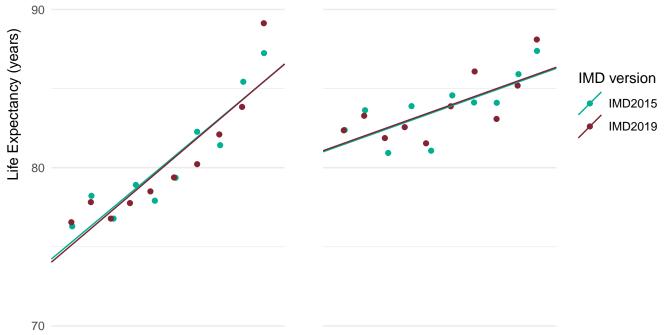


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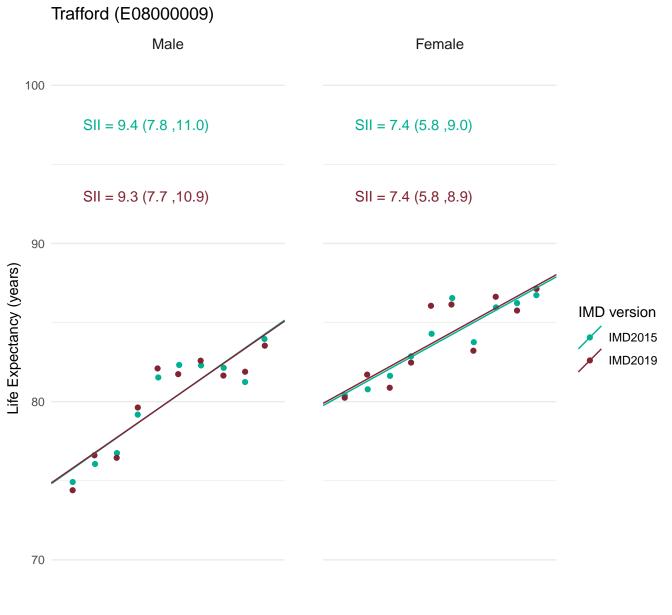


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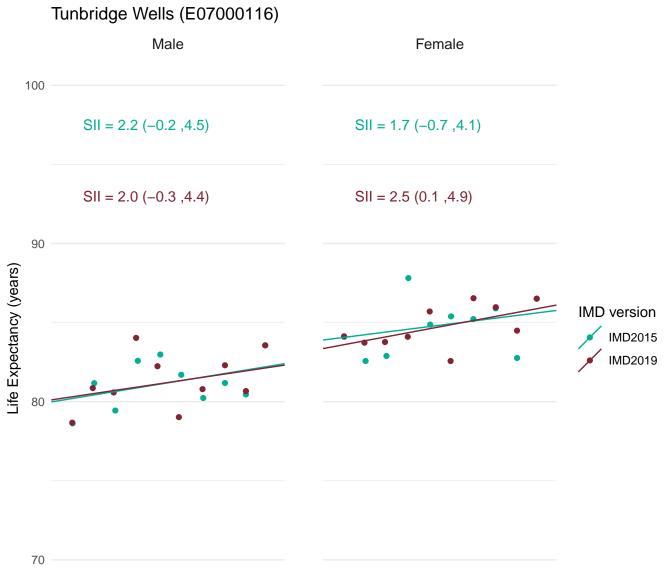




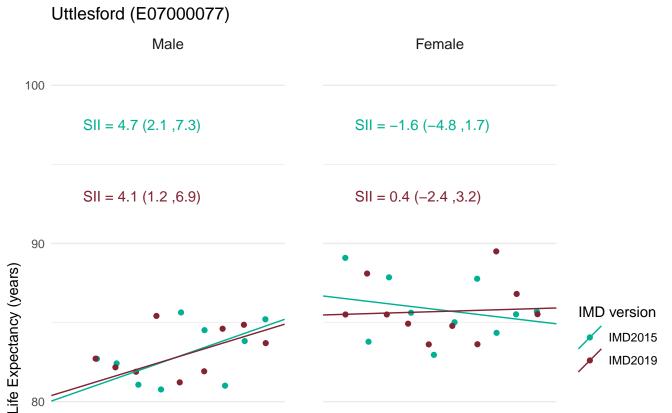
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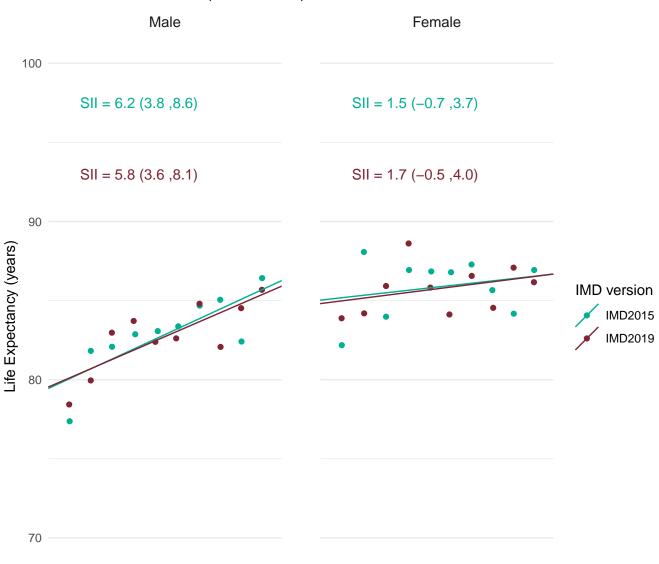


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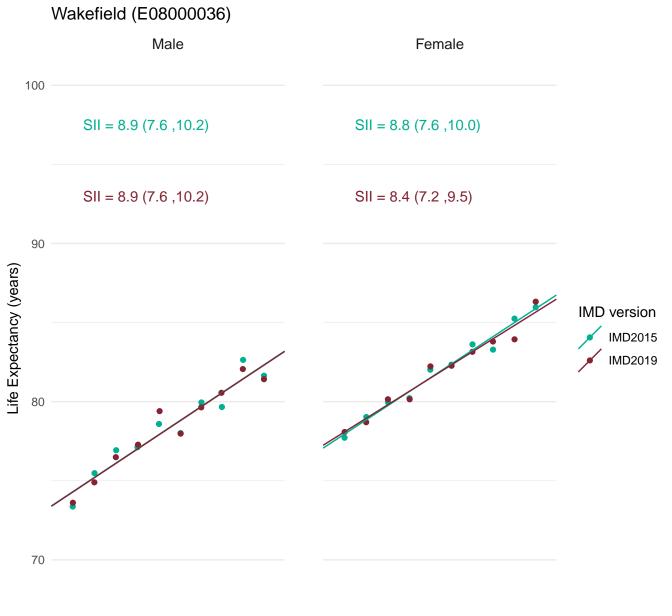
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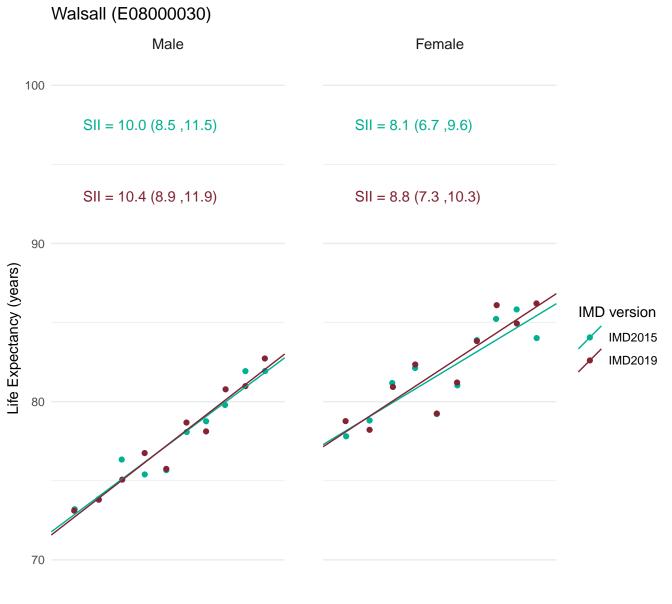




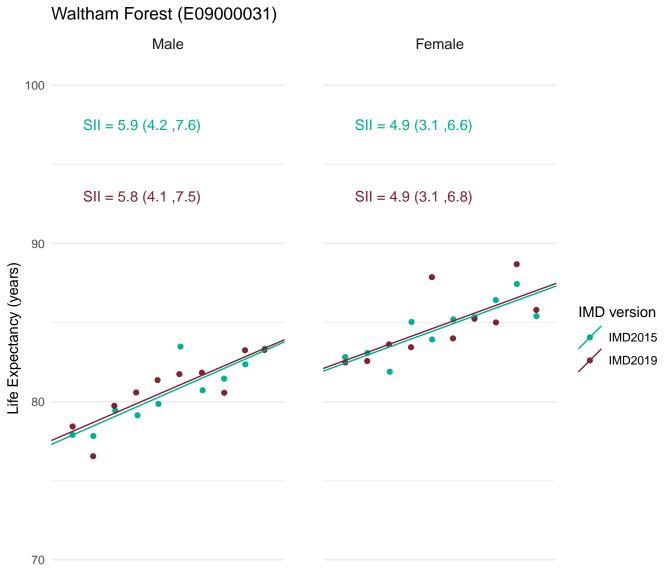
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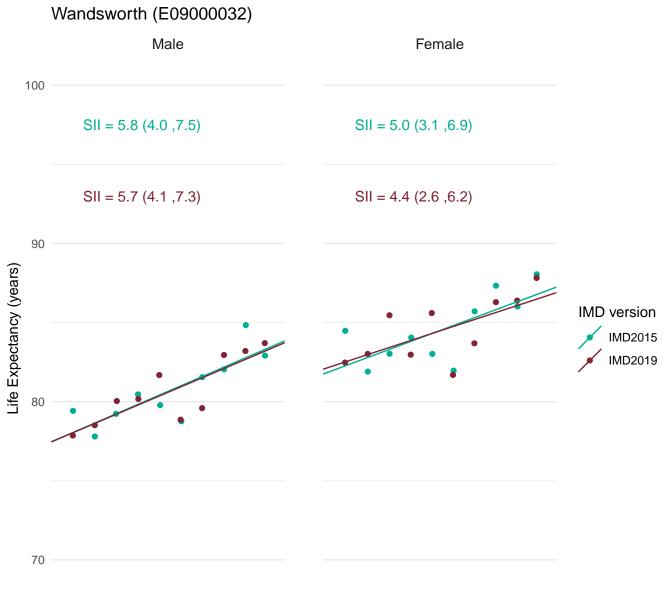
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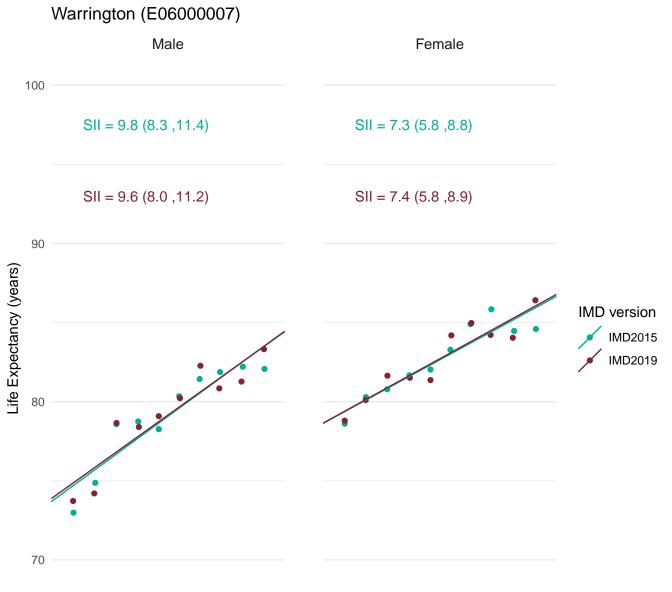
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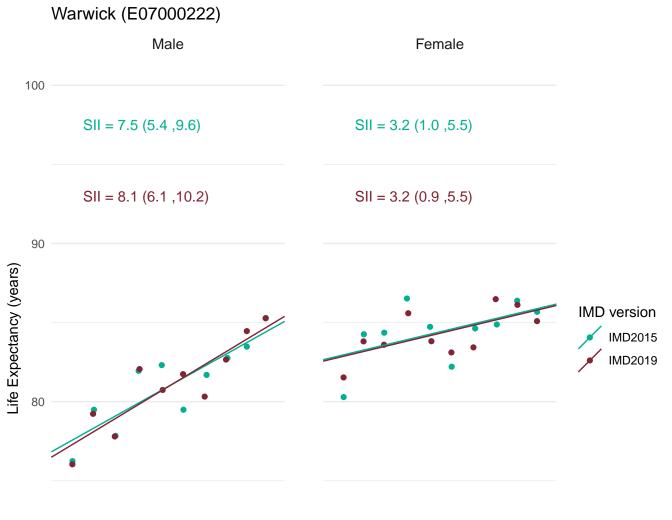
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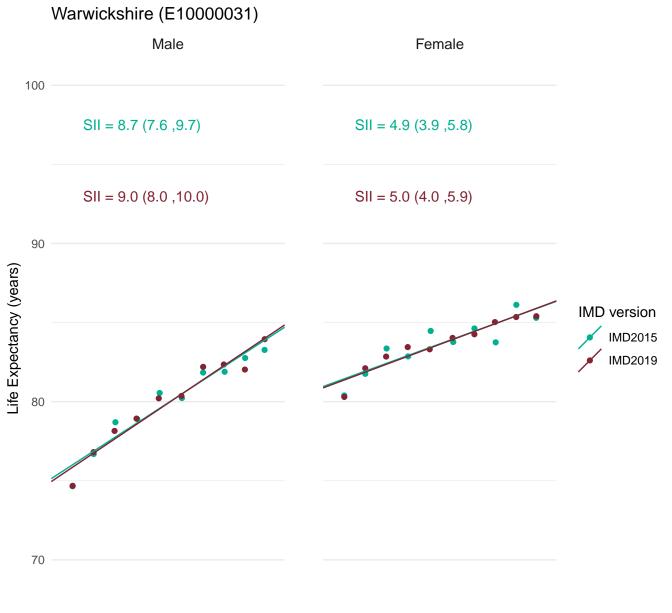
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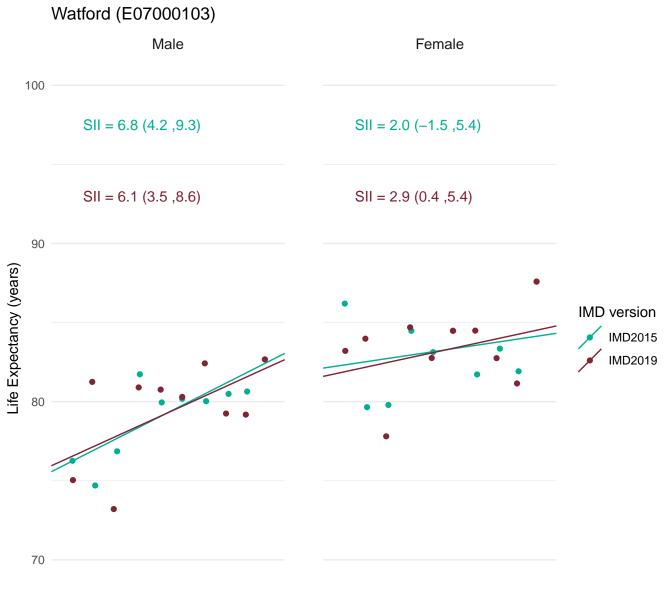
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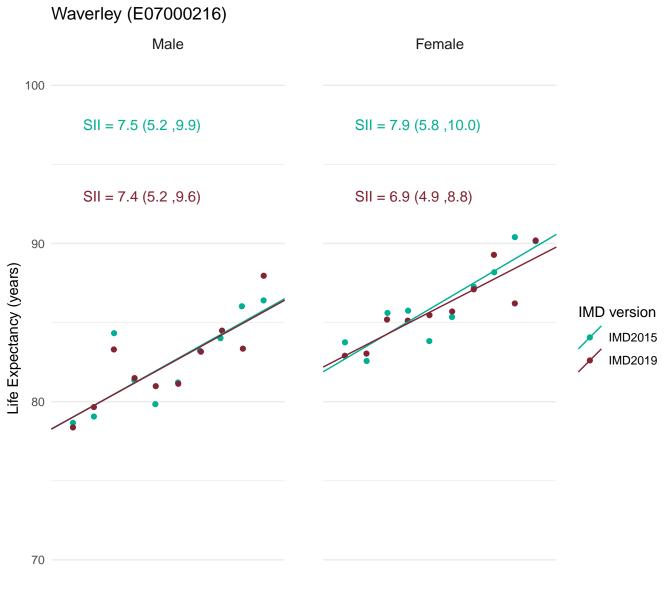
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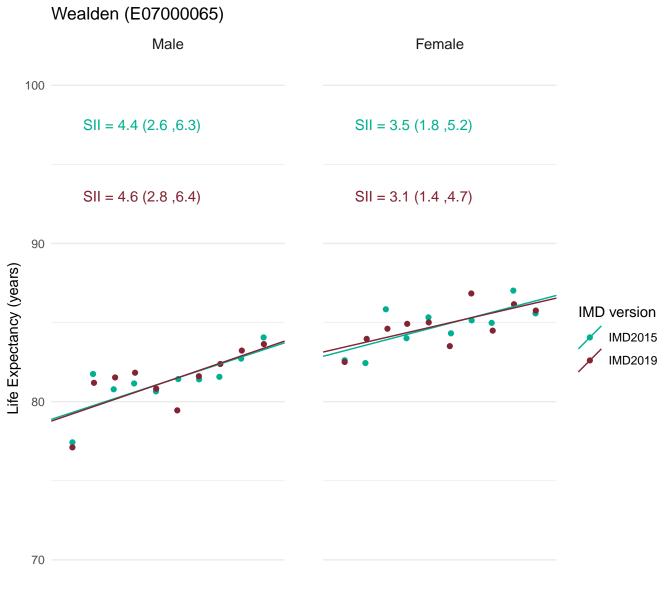
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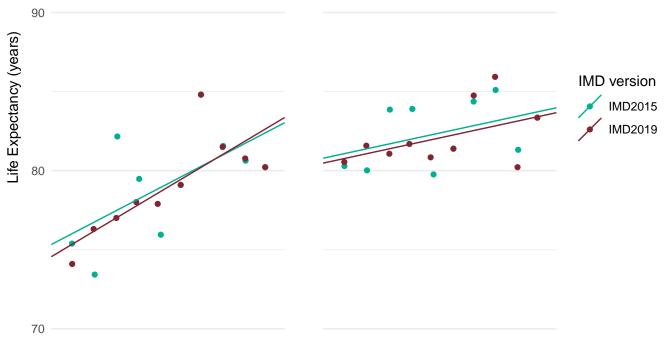


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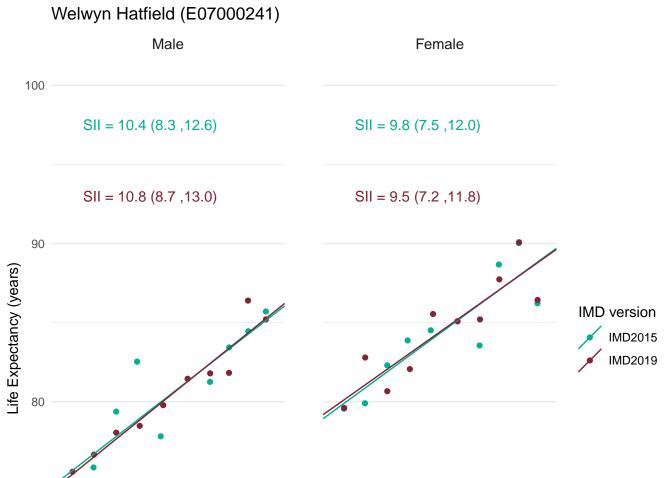


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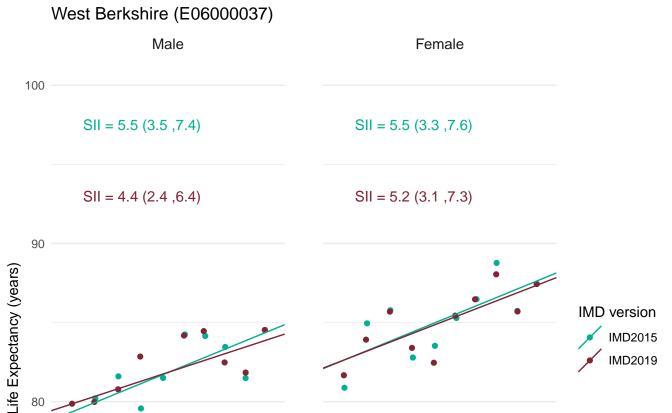


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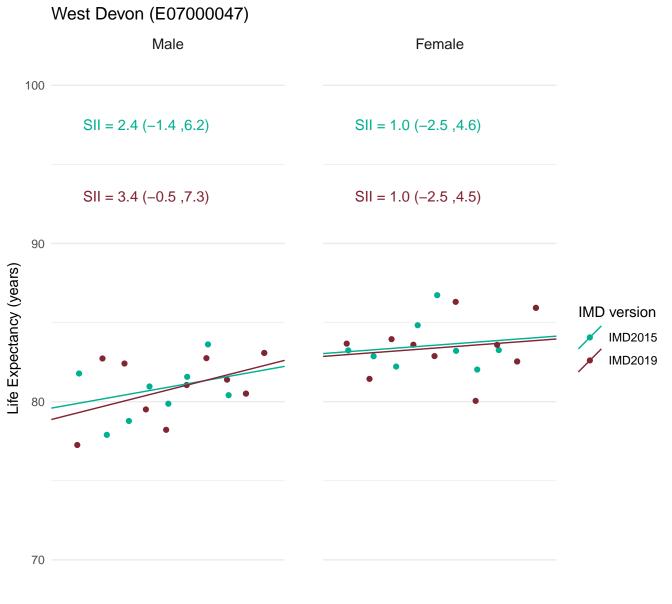
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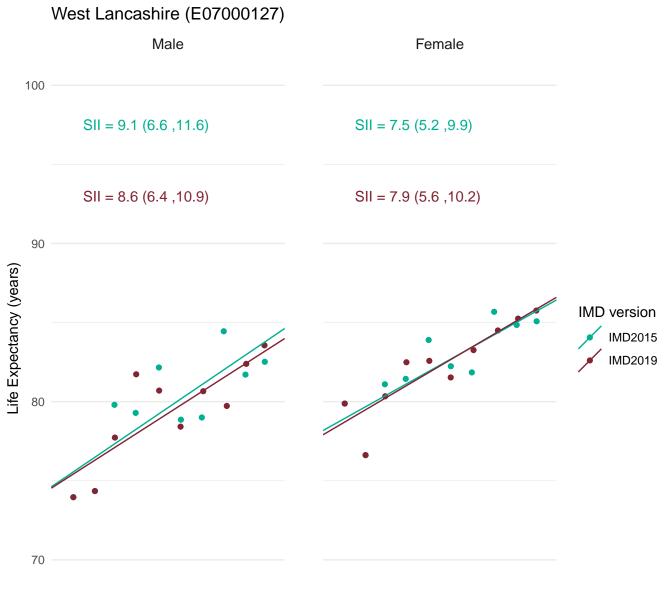
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Least deprived IMD version

IMD2015 IMD2019

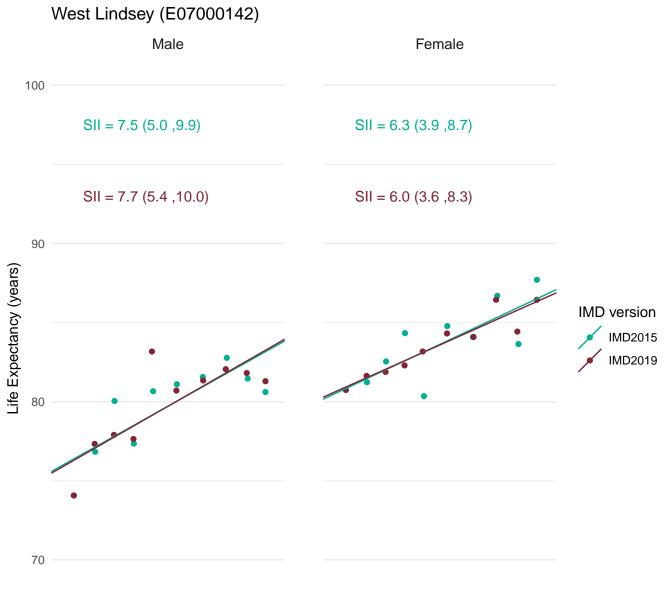


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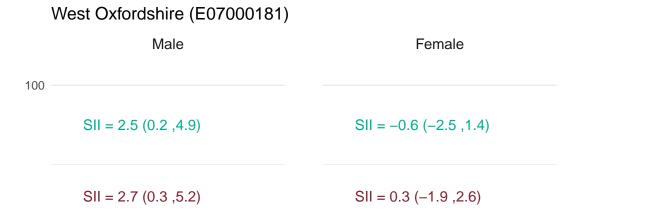


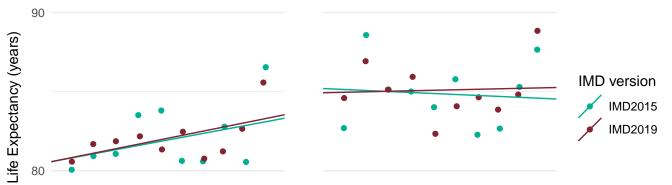
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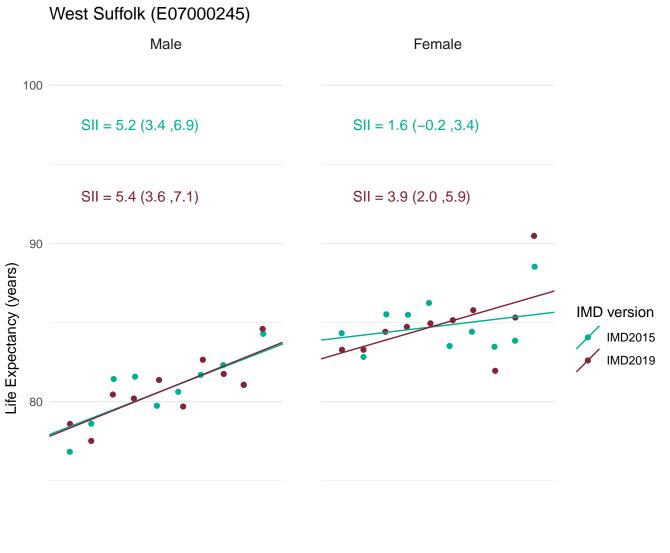




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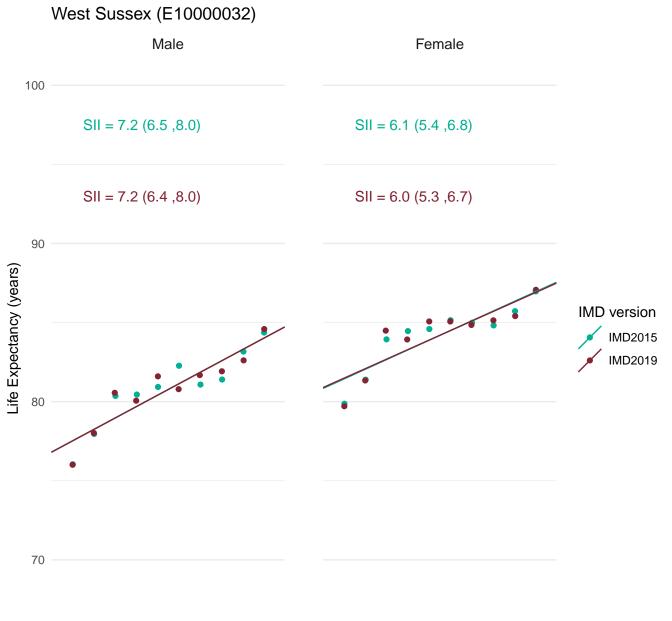
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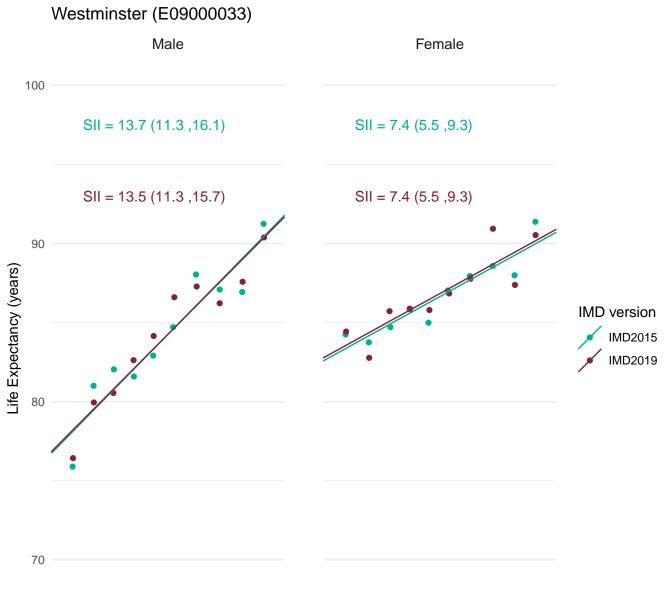




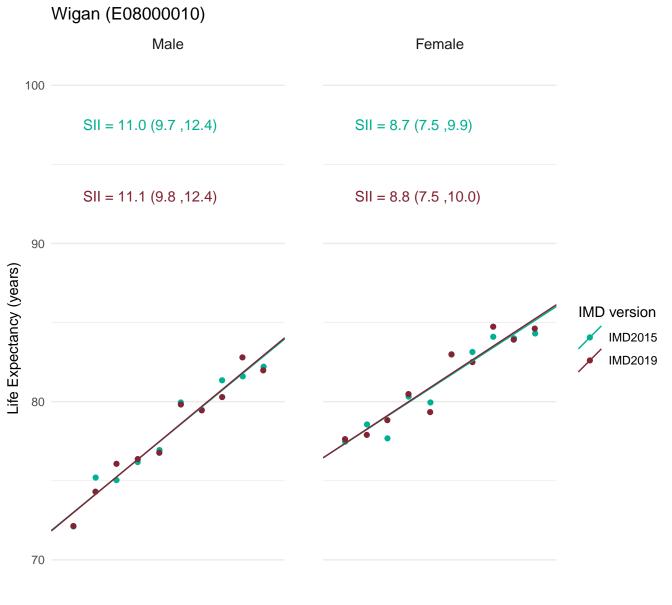
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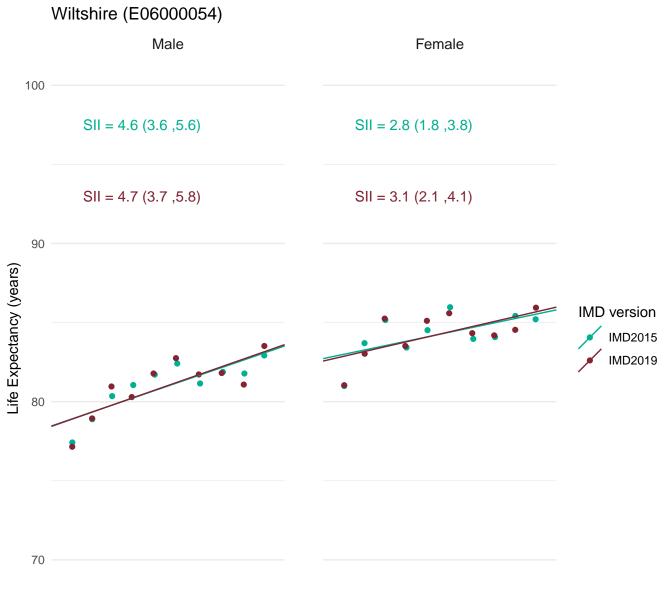
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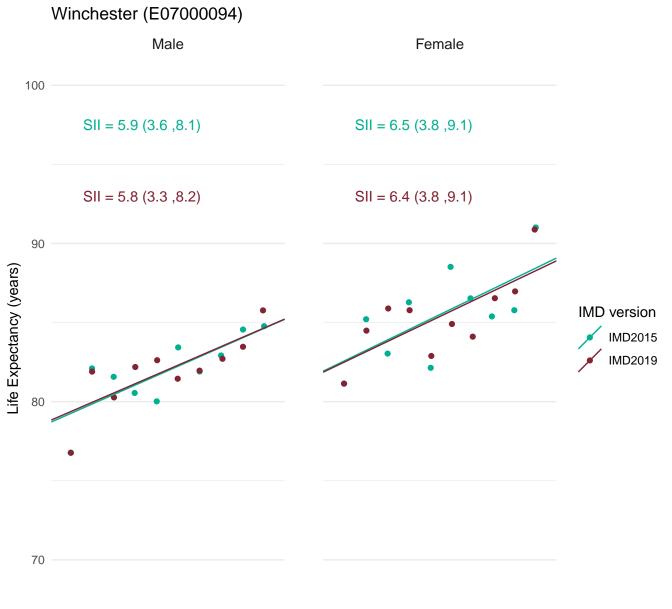
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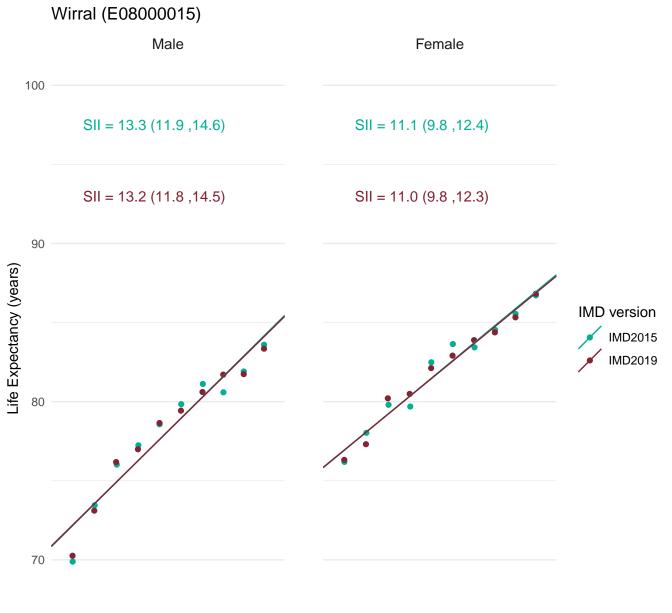
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Windsor and Maidenhead (E06000040)

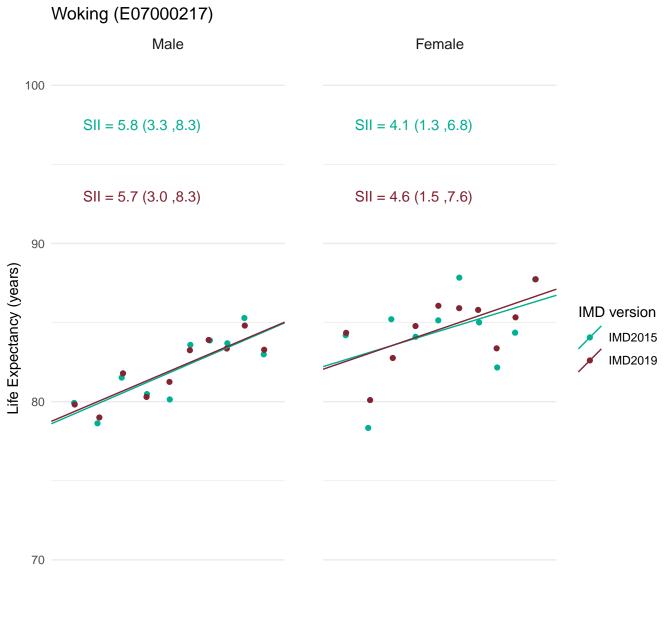


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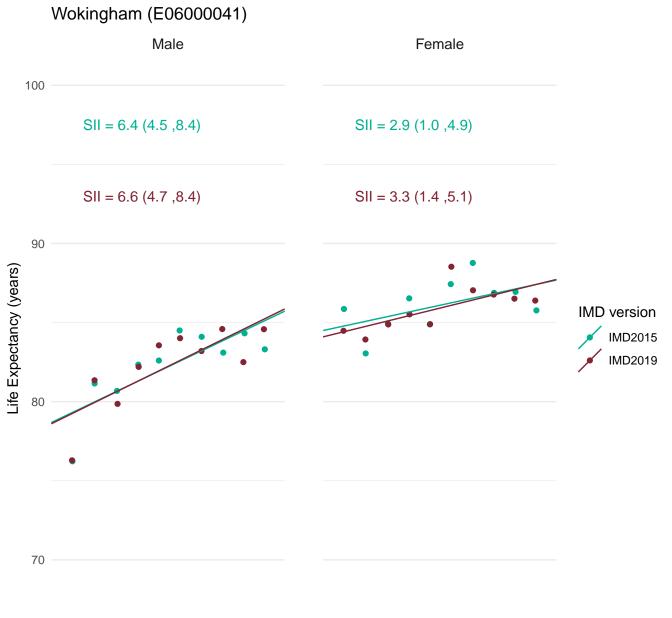
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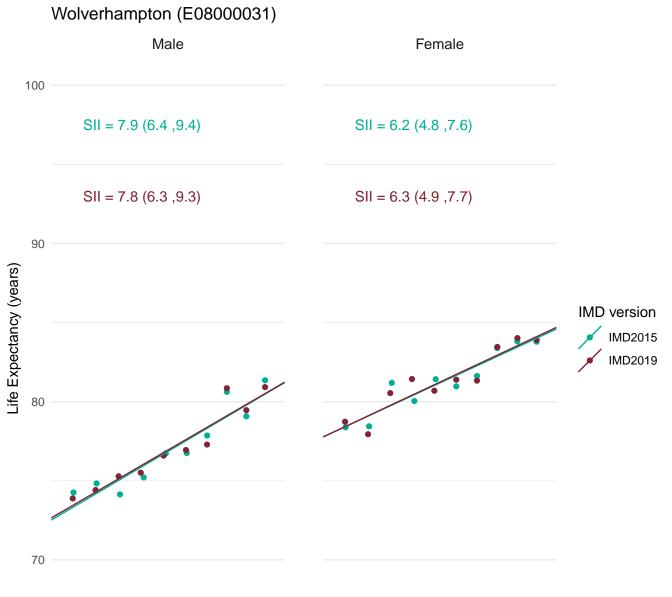
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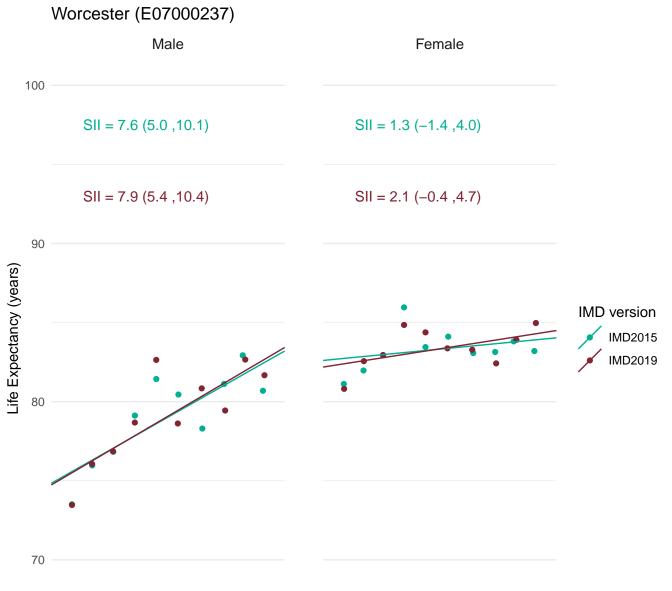
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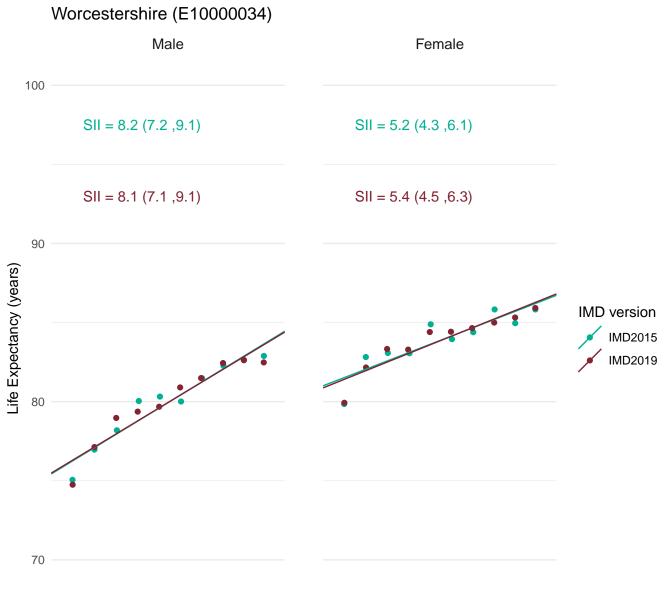
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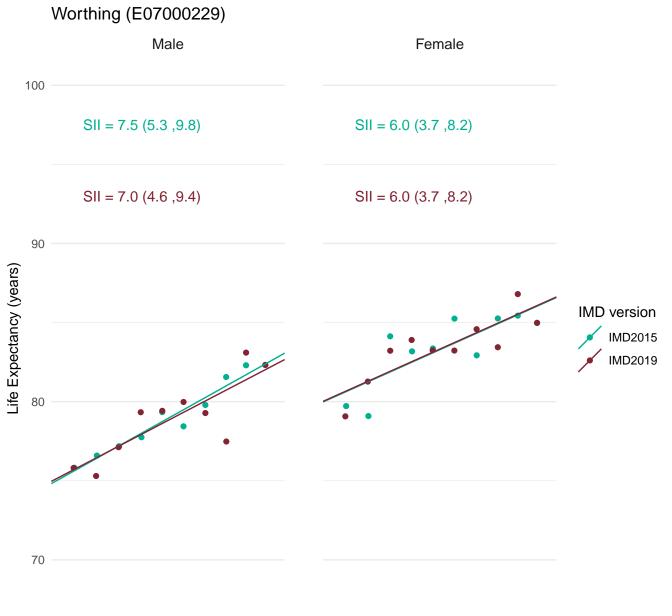
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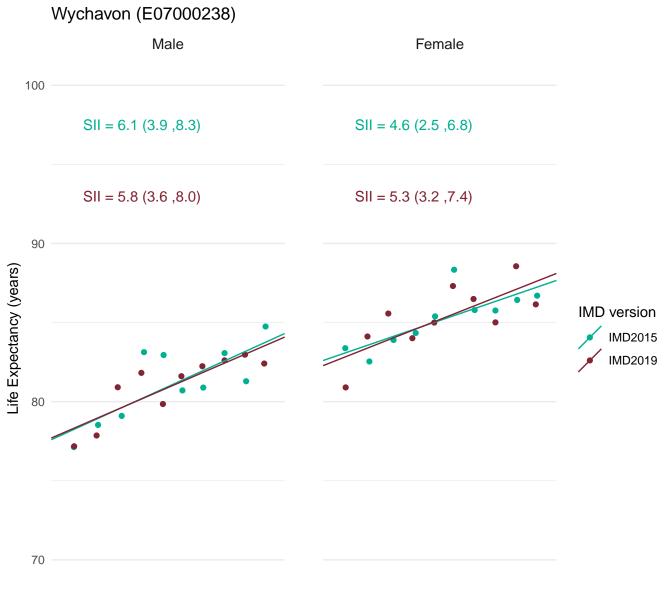
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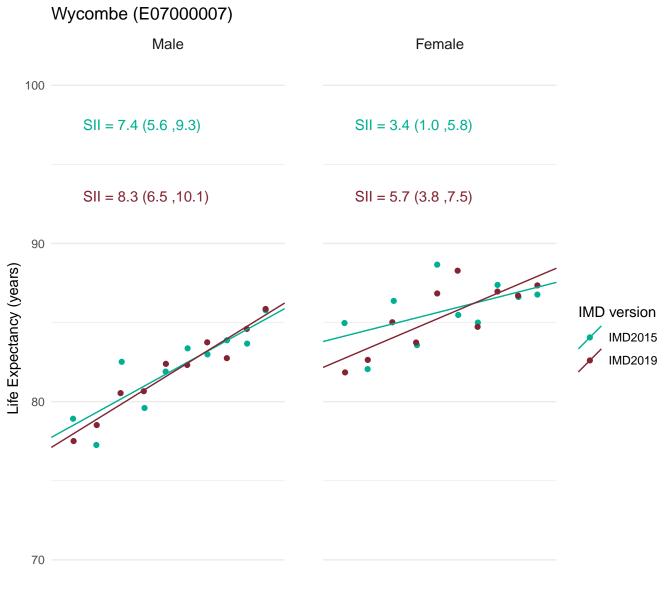
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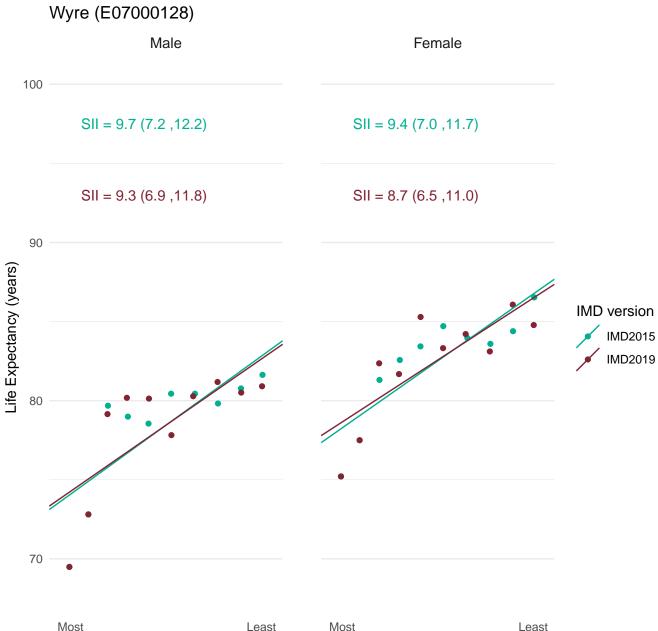
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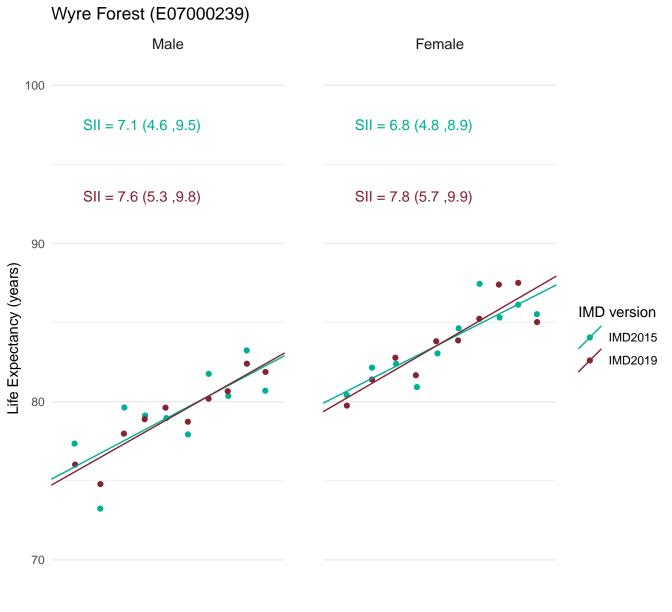
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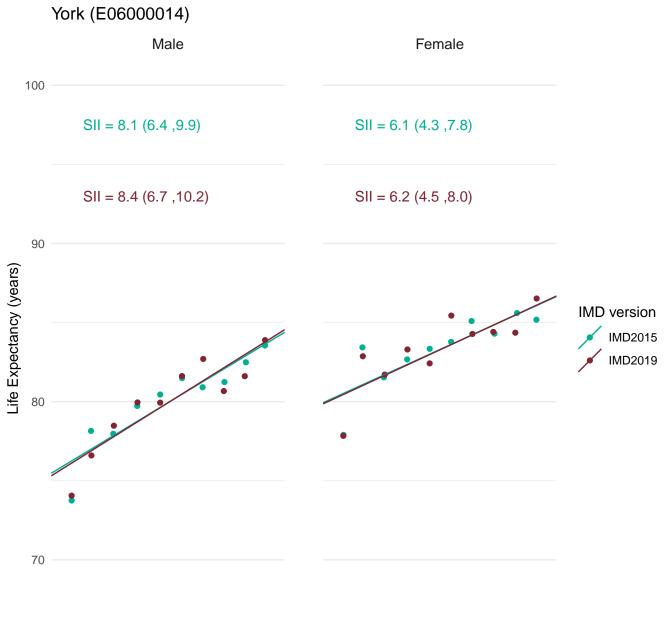
deprived

Least deprived

Most deprived



Most deprived



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