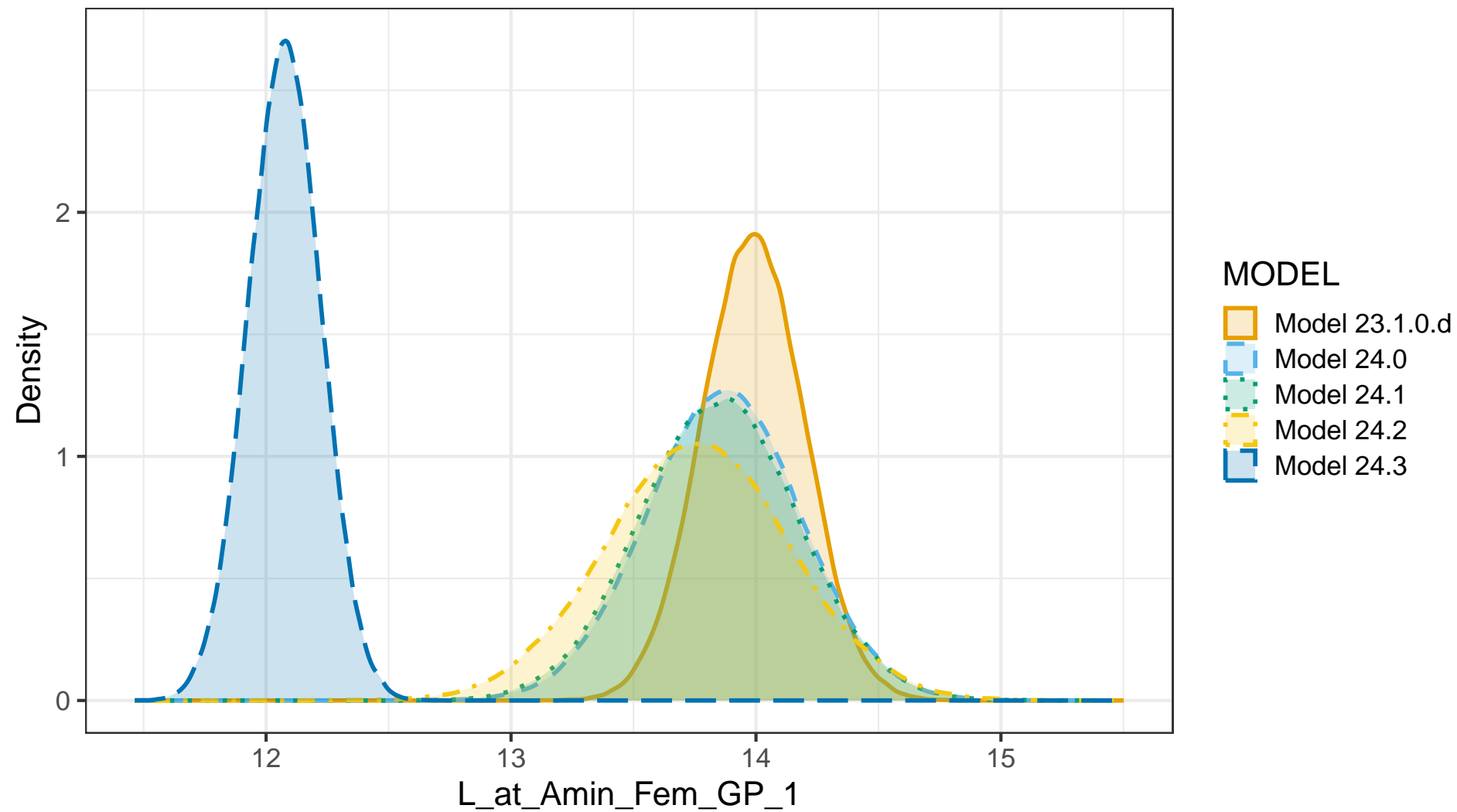
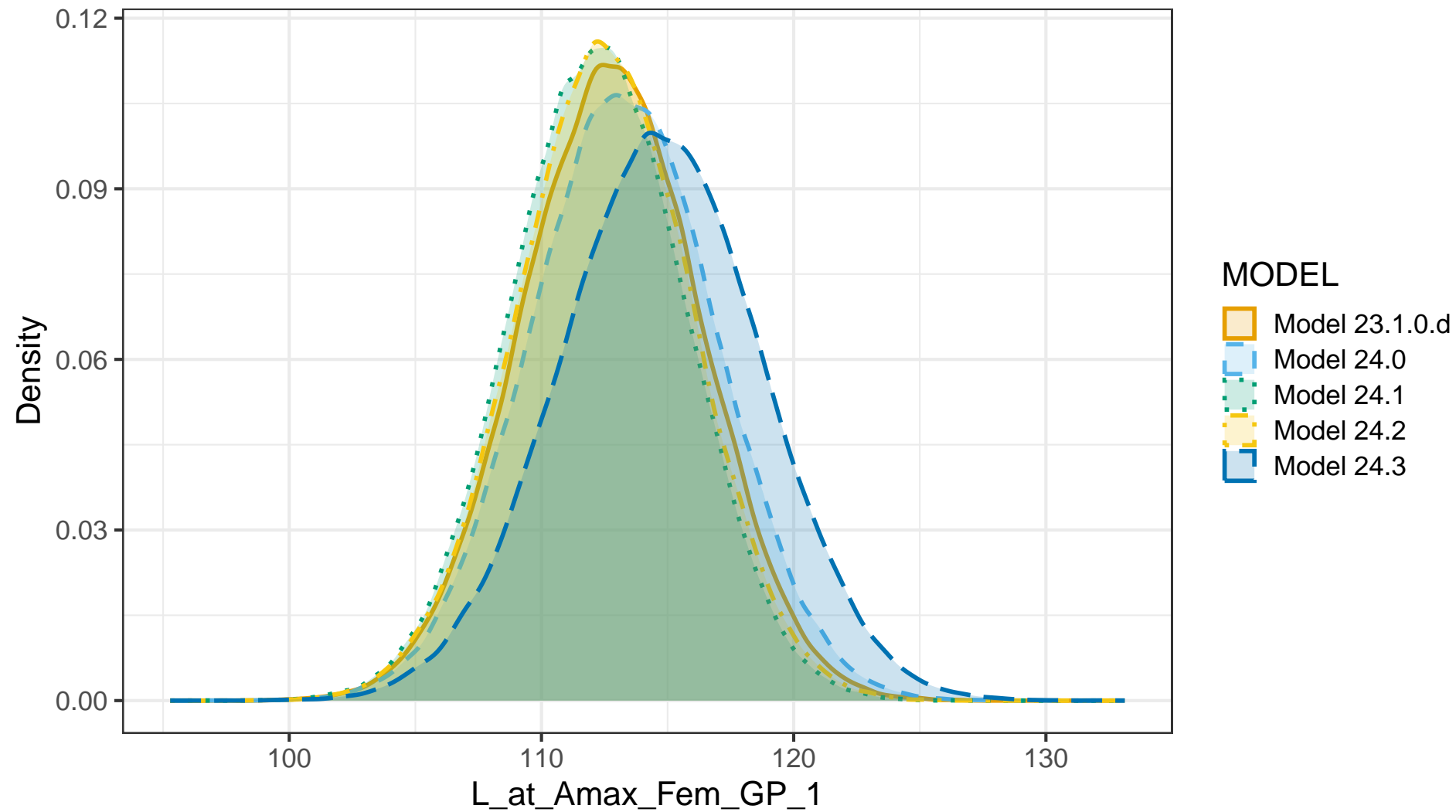


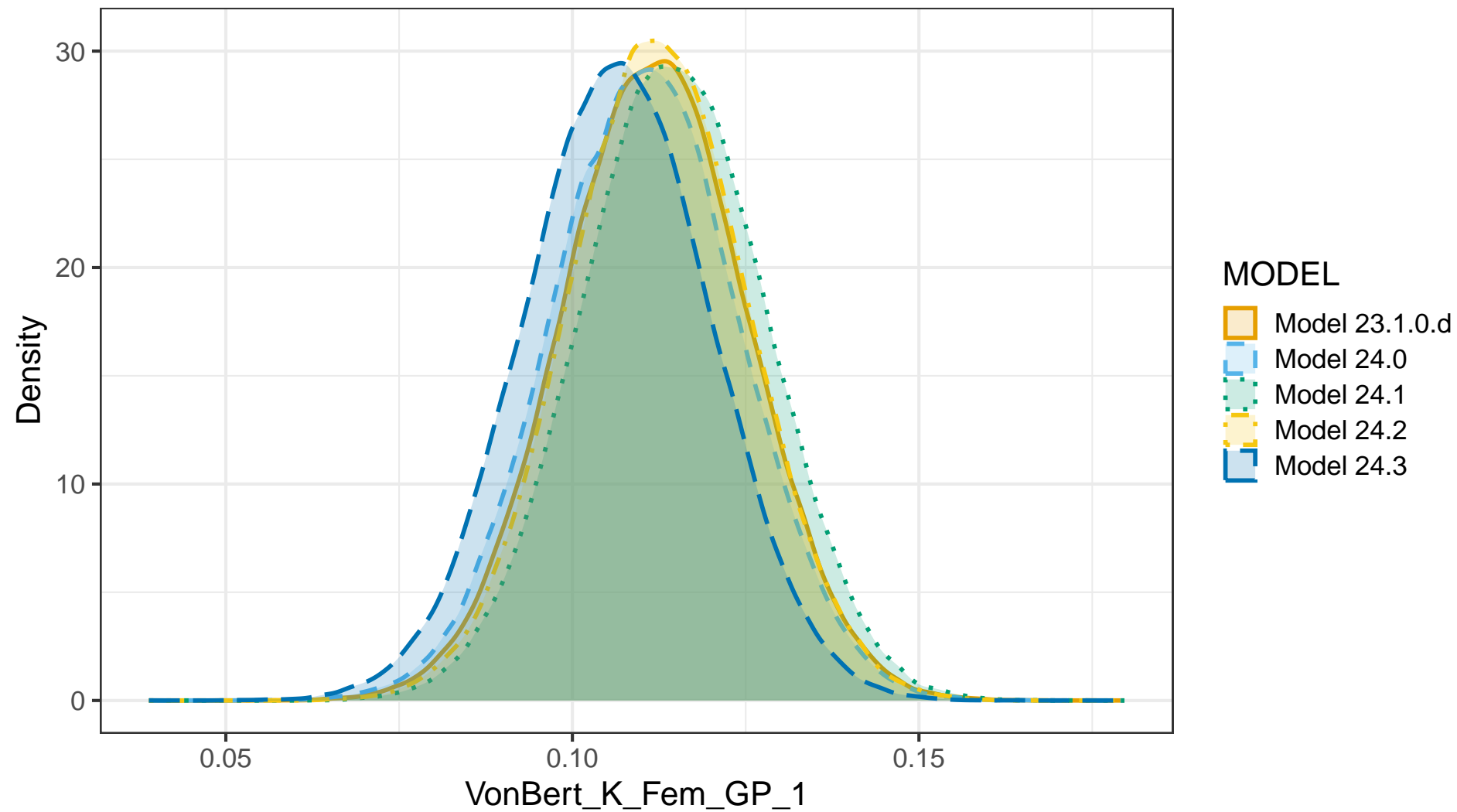
L\_at\_Amin\_Fem\_GP\_1



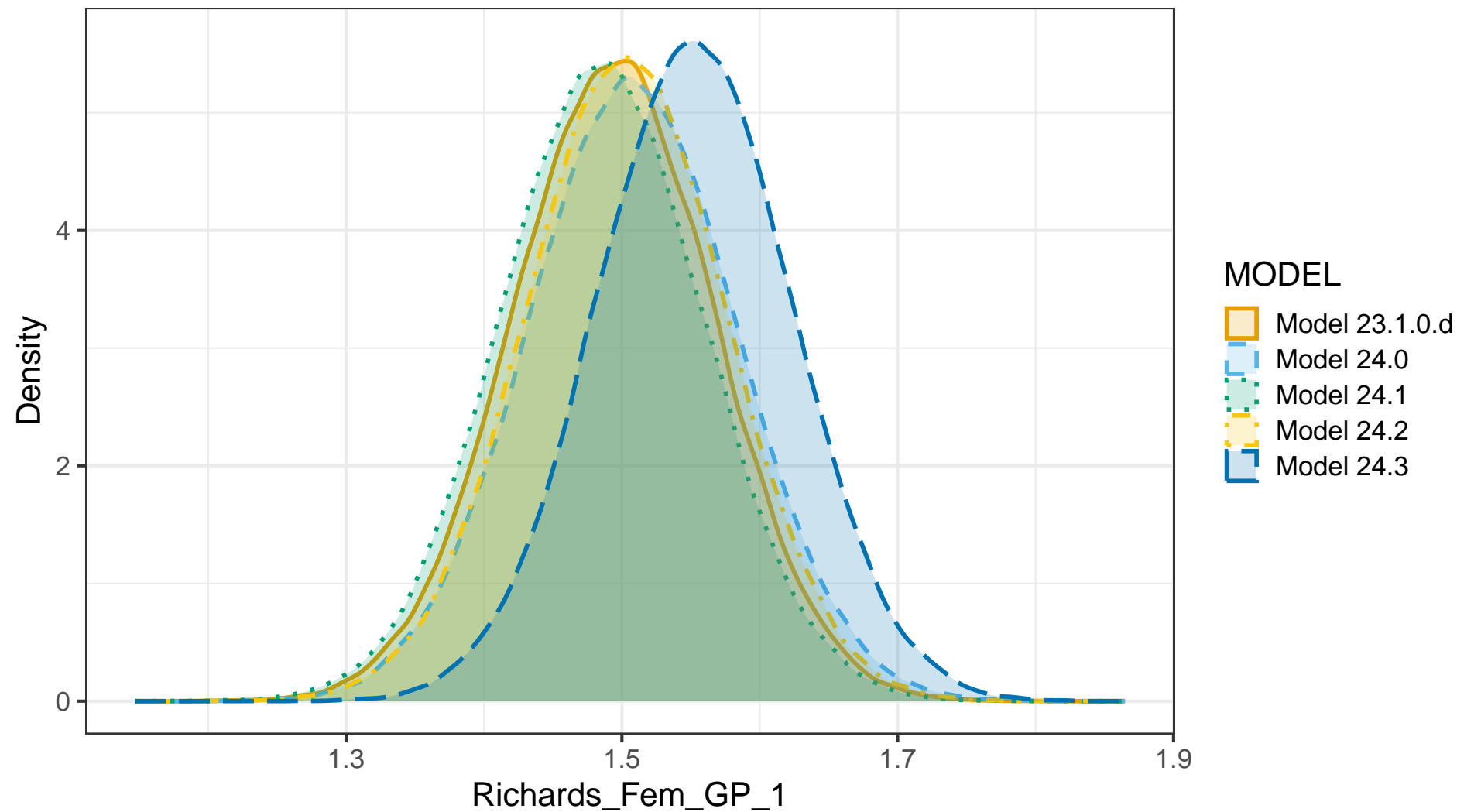
L\_at\_Amax\_Fem\_GP\_1



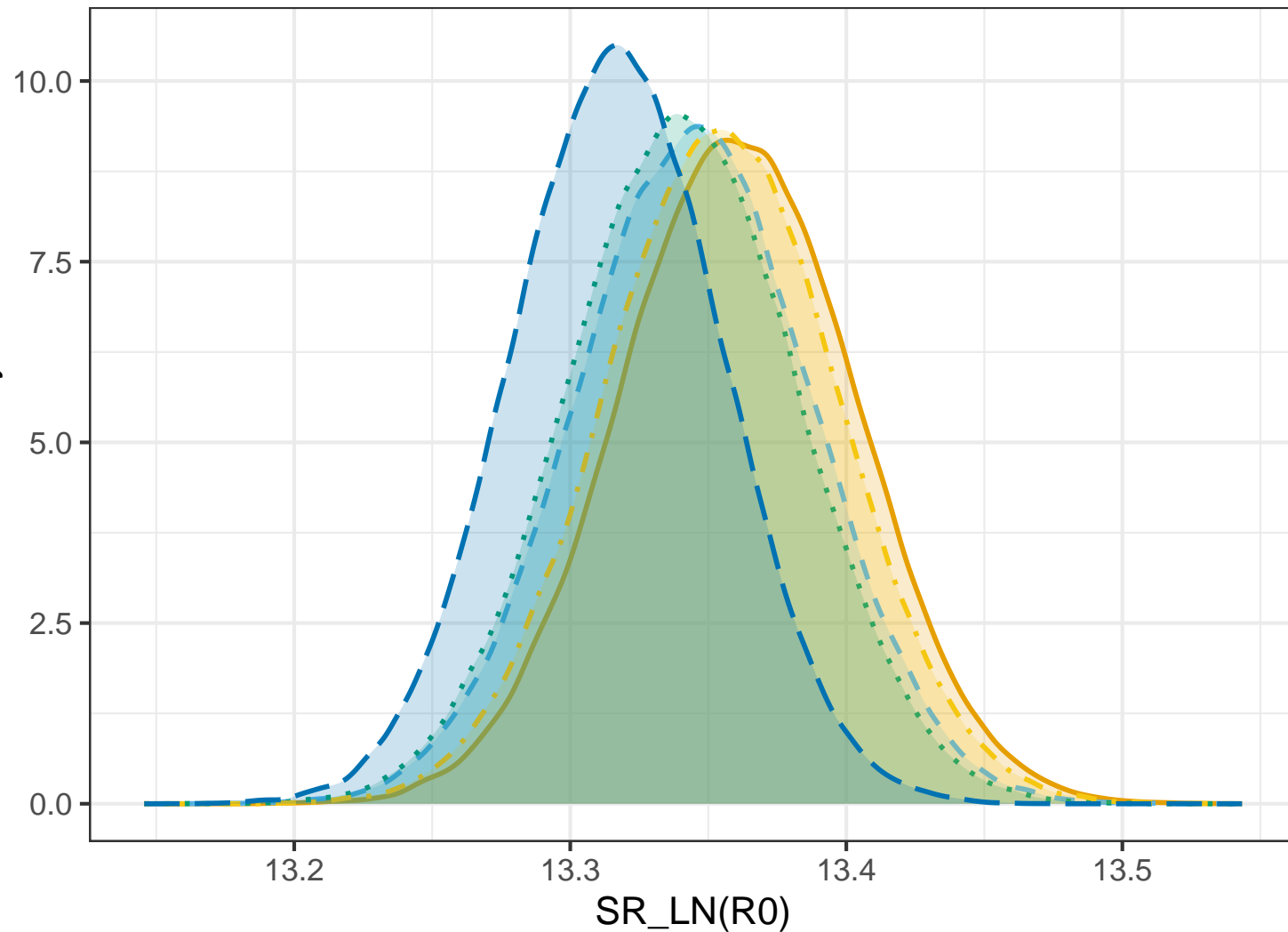
VonBert\_K\_Fem\_GP\_1



Richards\_Fem\_GP\_1



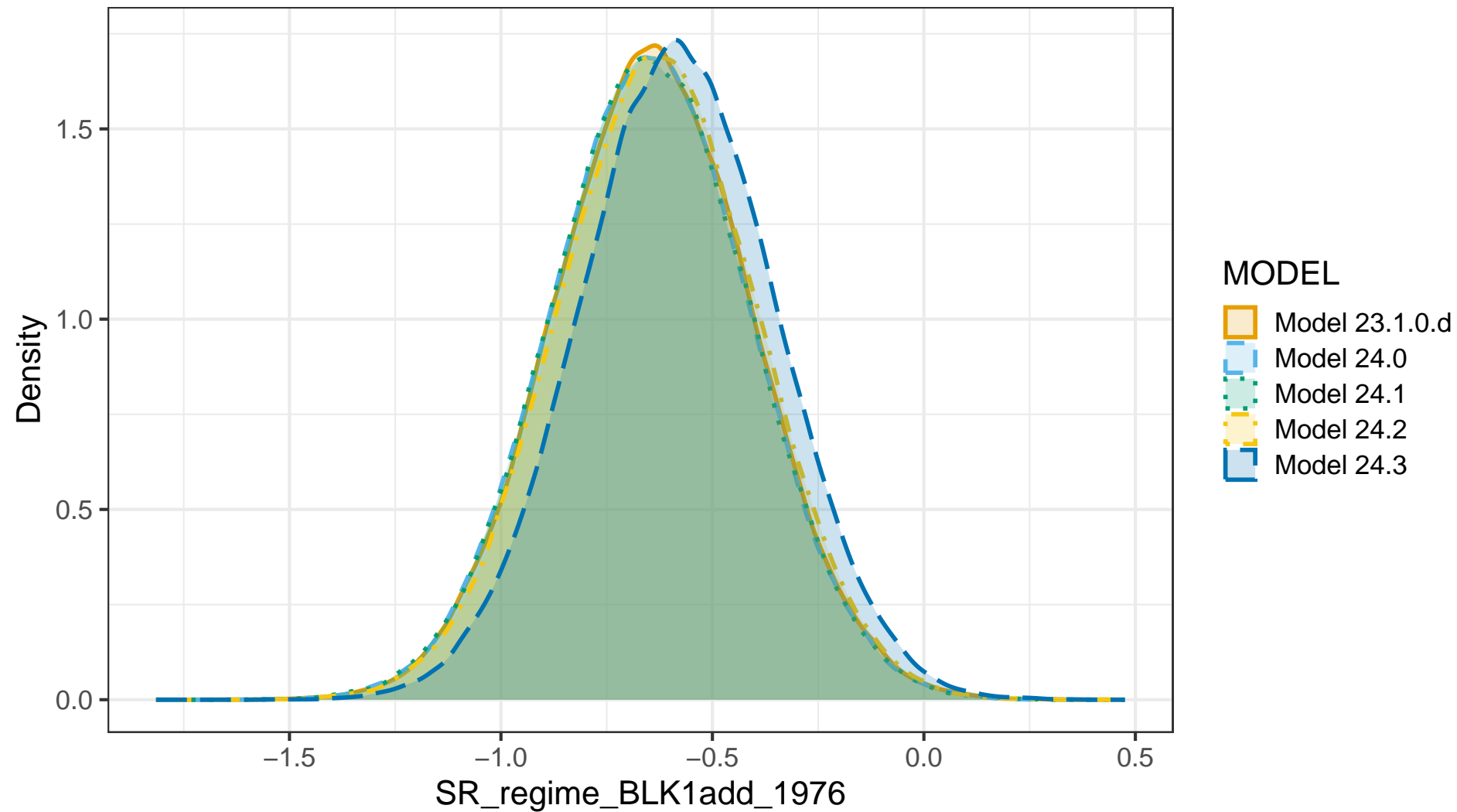
SR\_LN(R0)



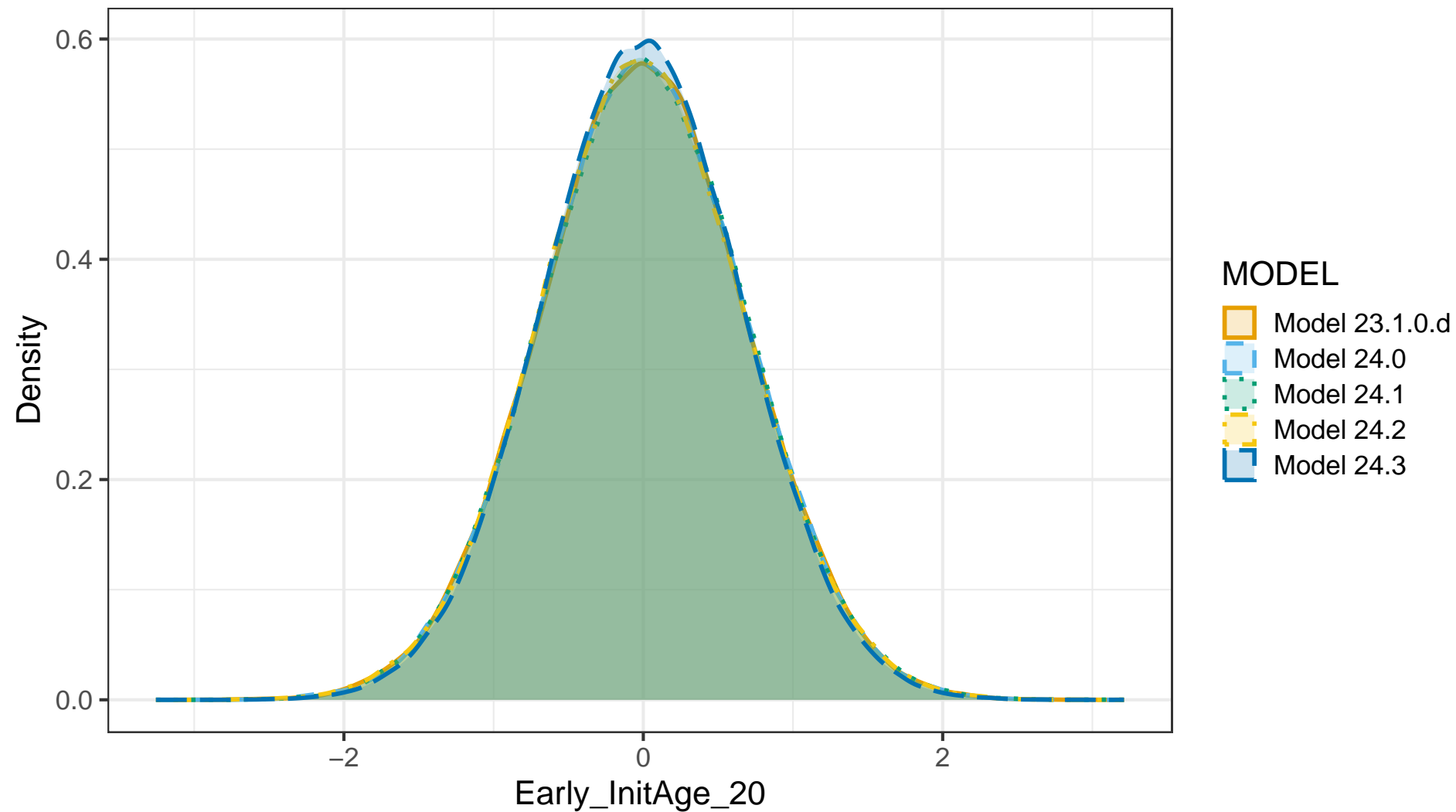
MODEL

- Model 23.1.0.d
- Model 24.0
- Model 24.1
- Model 24.2
- Model 24.3

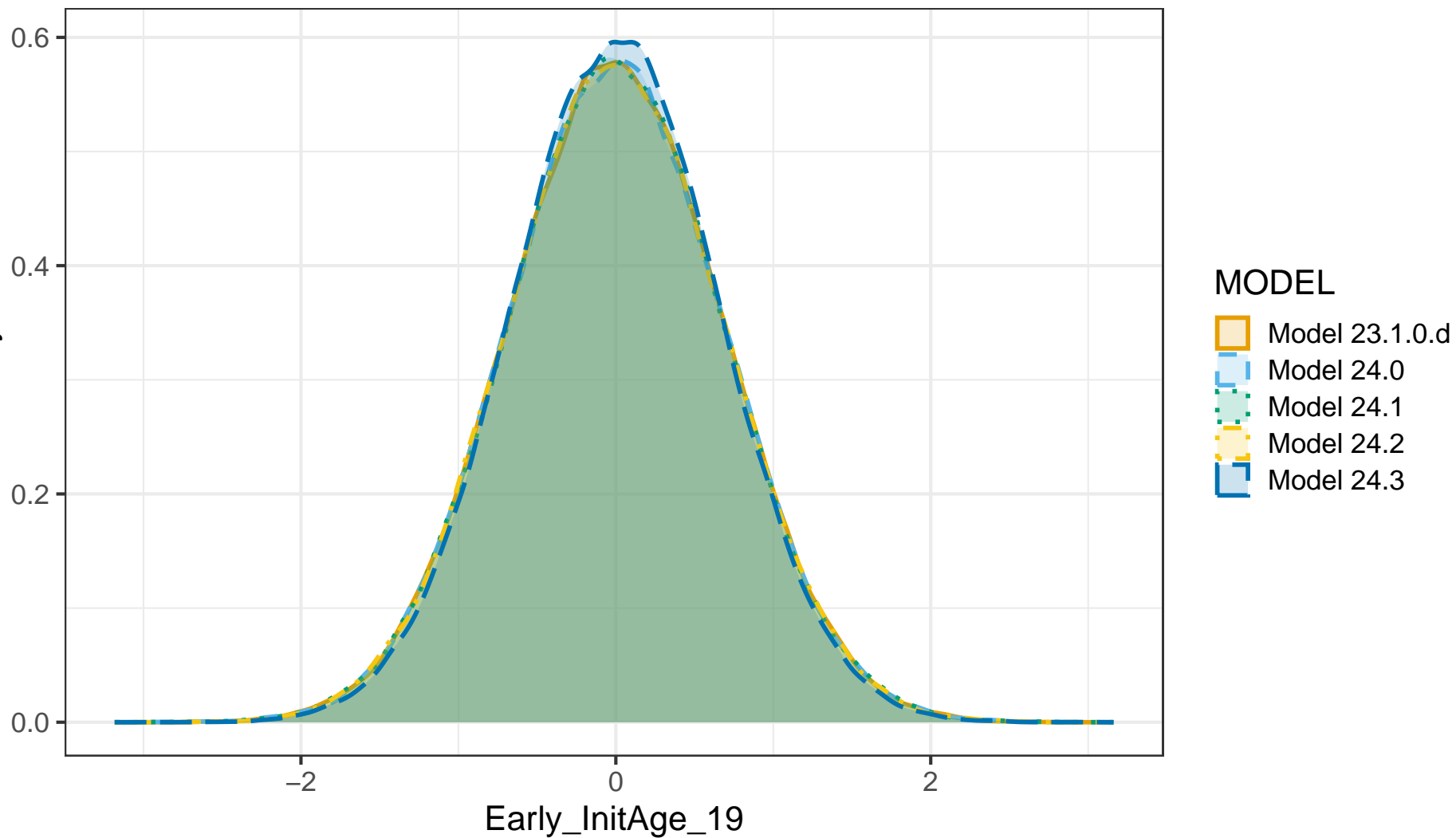
SR\_regime\_BLK1add\_1976



Early\_InitAge\_20

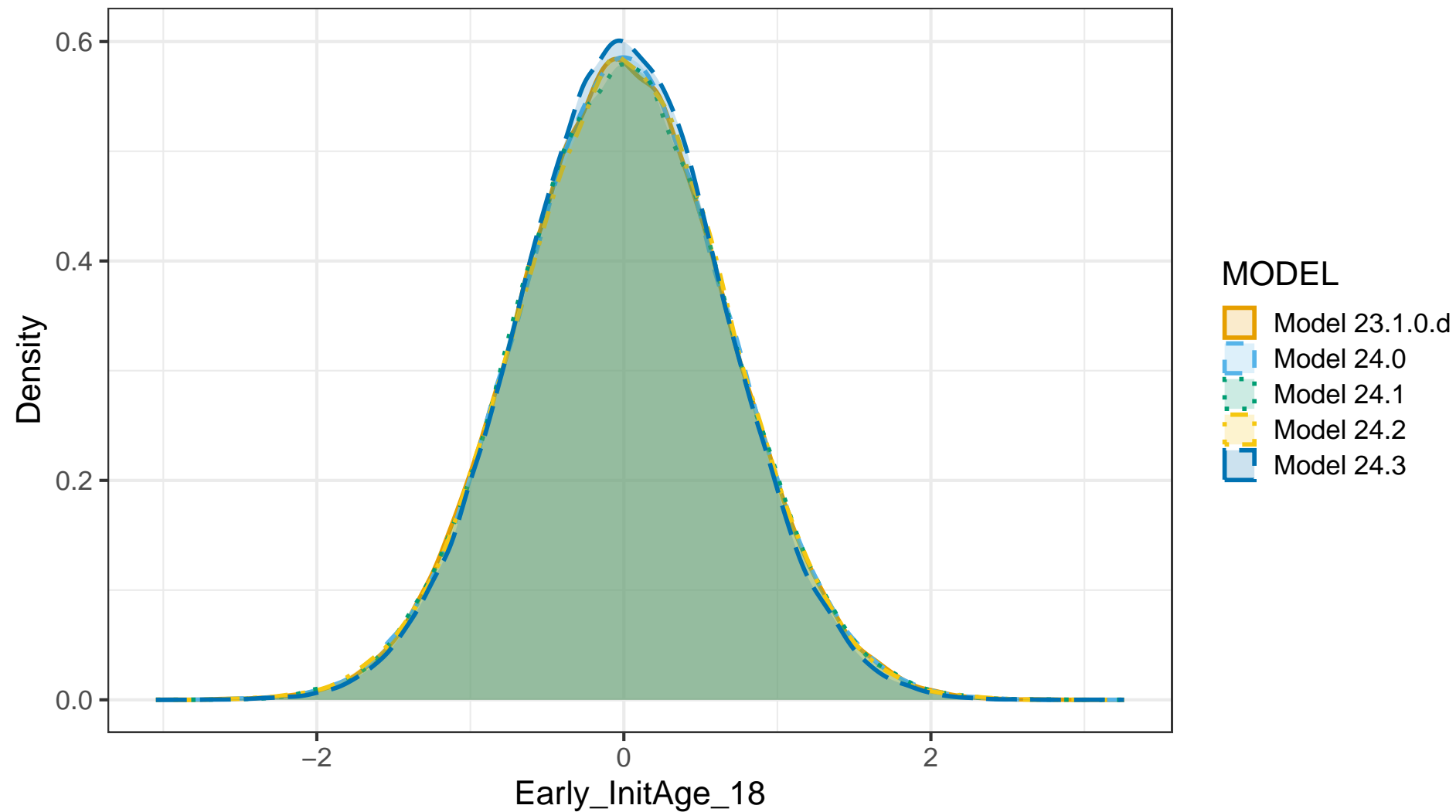


Early\_InitAge\_19

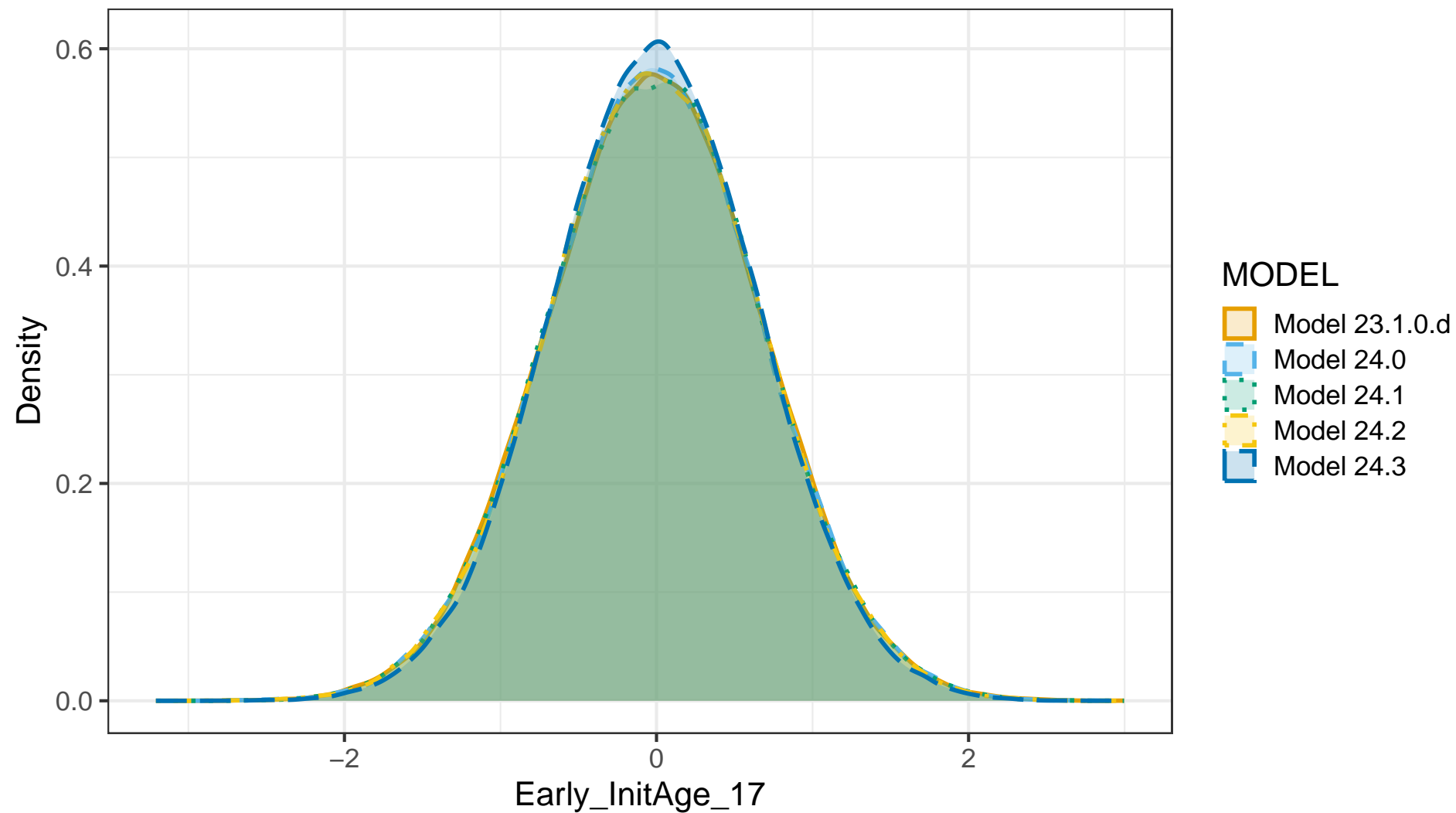




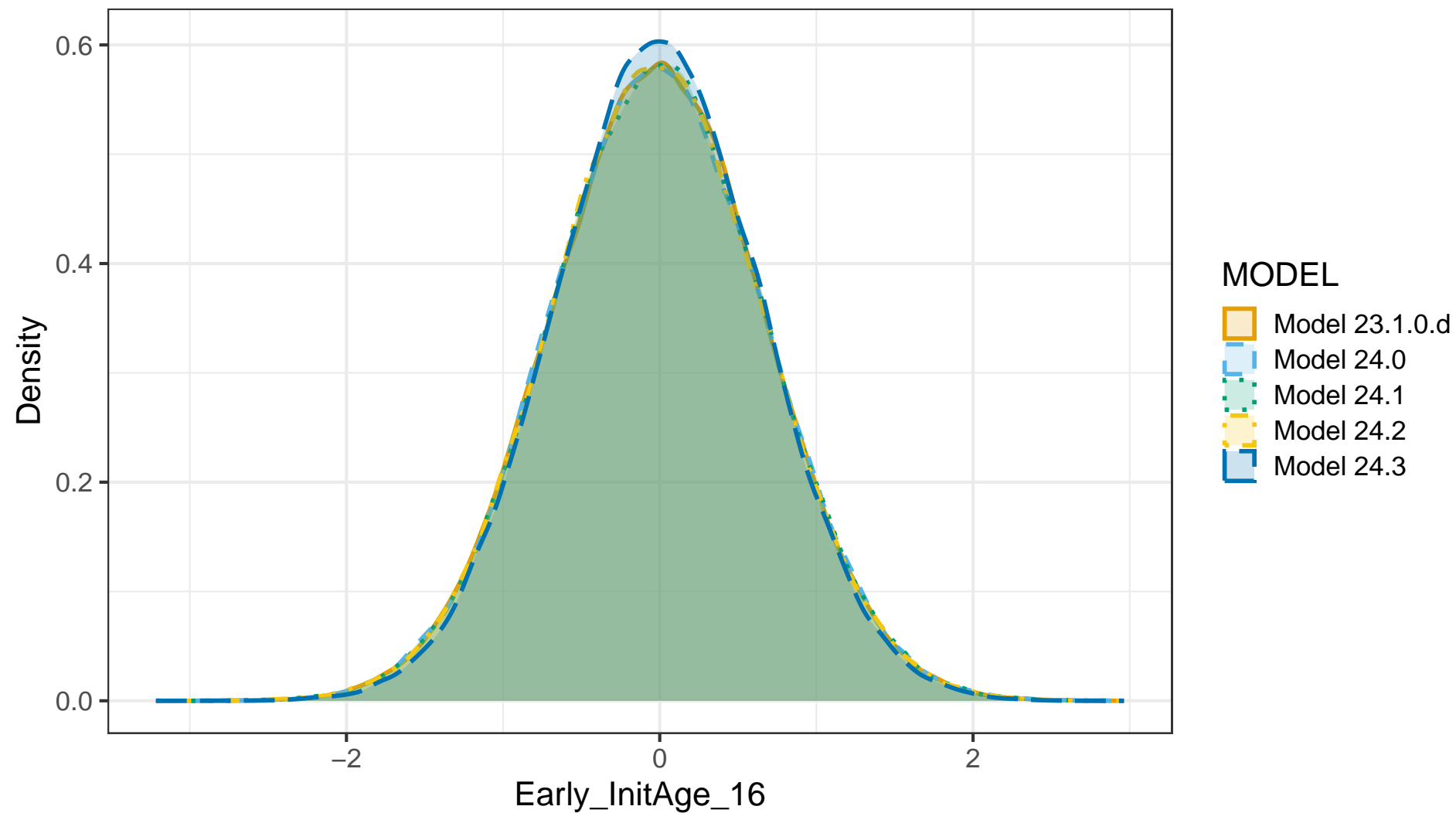
Early\_InitAge\_18



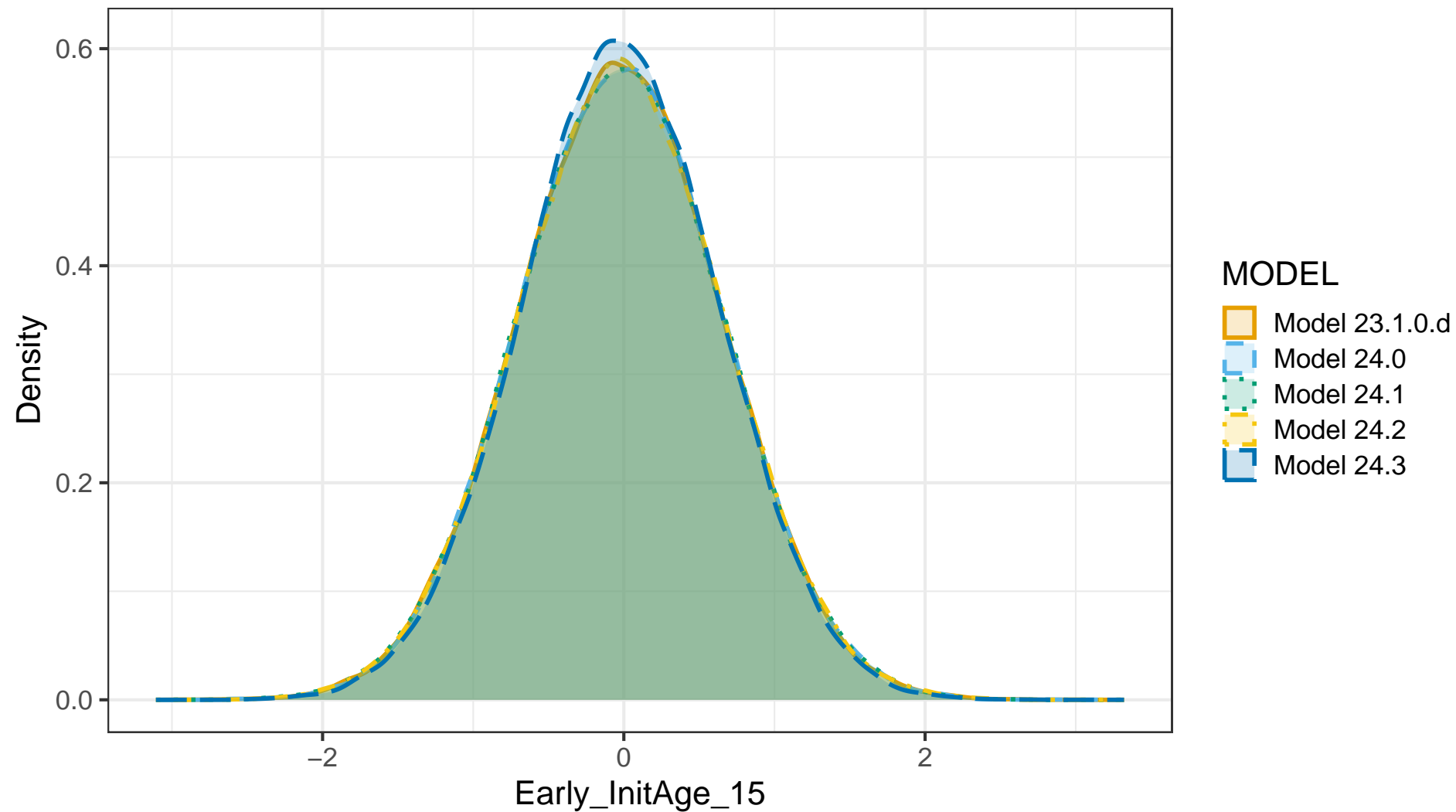
Early\_InitAge\_17



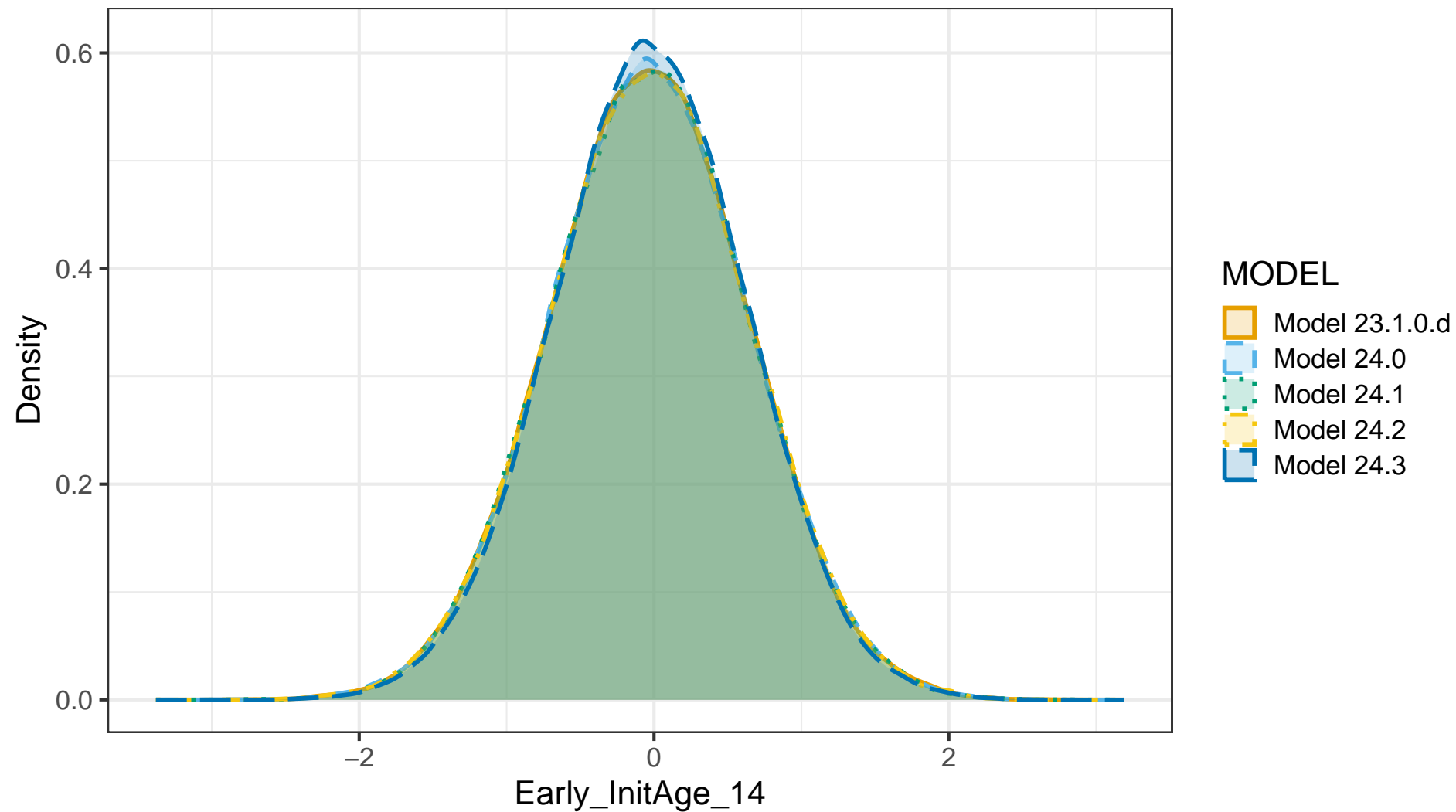
Early\_InitAge\_16



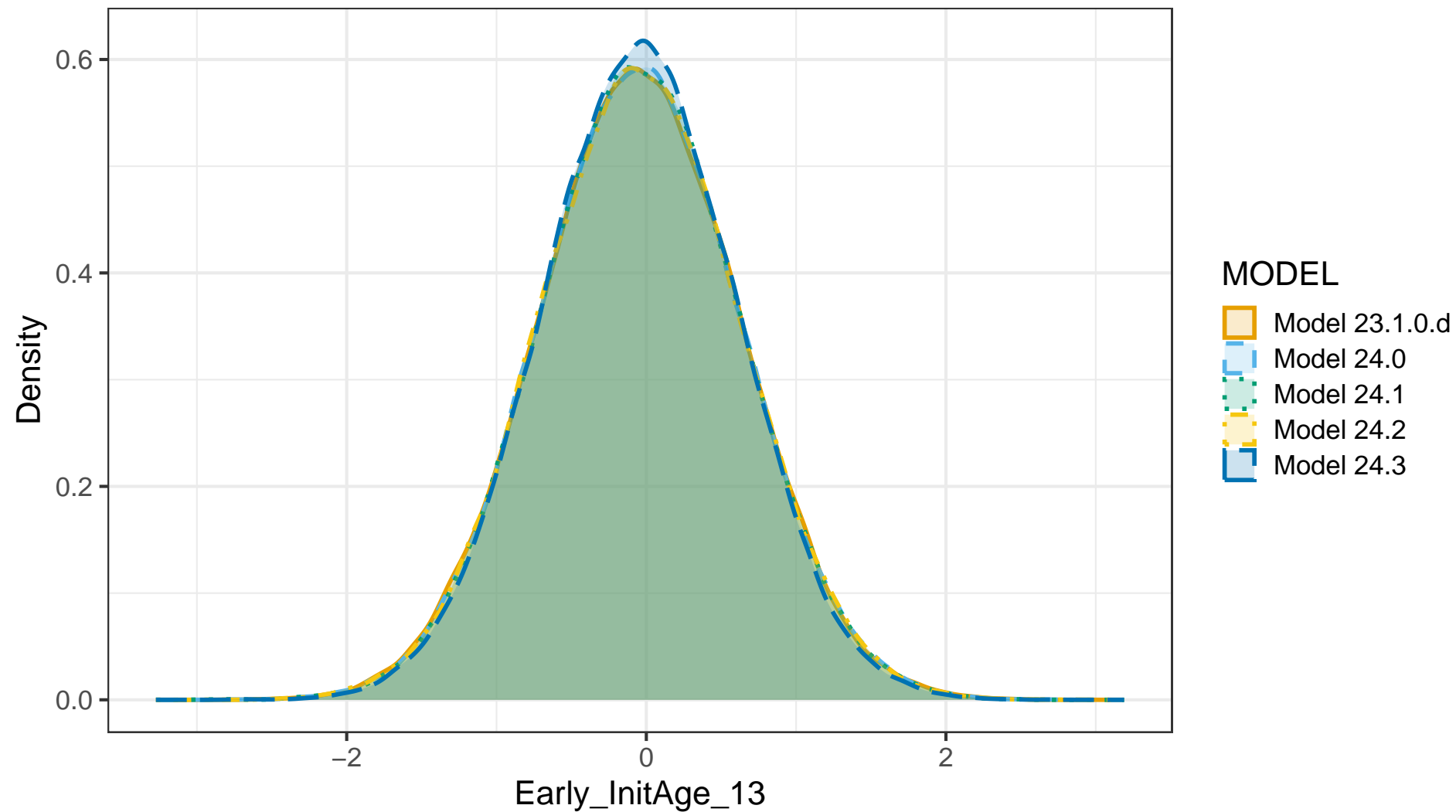
Early\_InitAge\_15



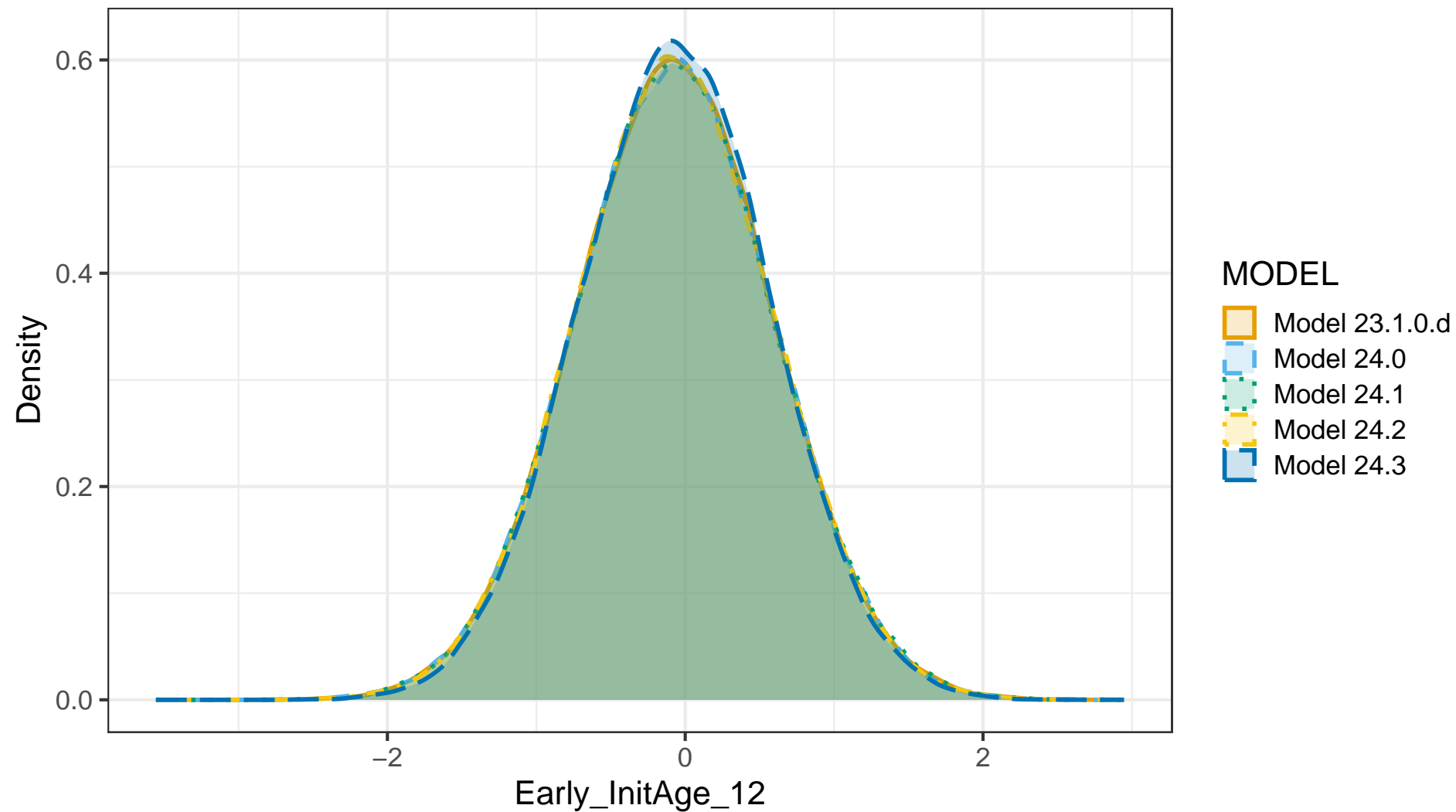
Early\_InitAge\_14



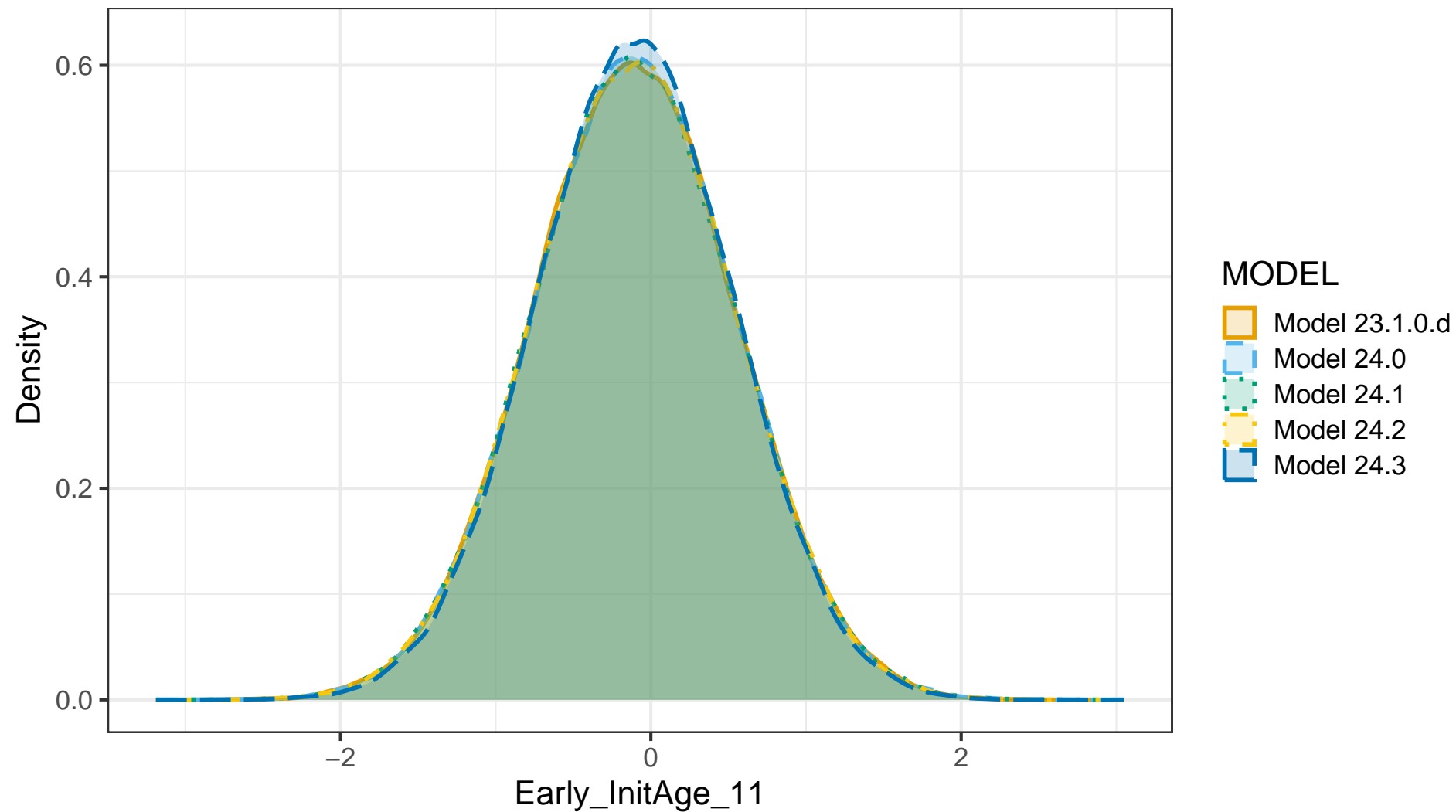
Early\_InitAge\_13



Early\_InitAge\_12

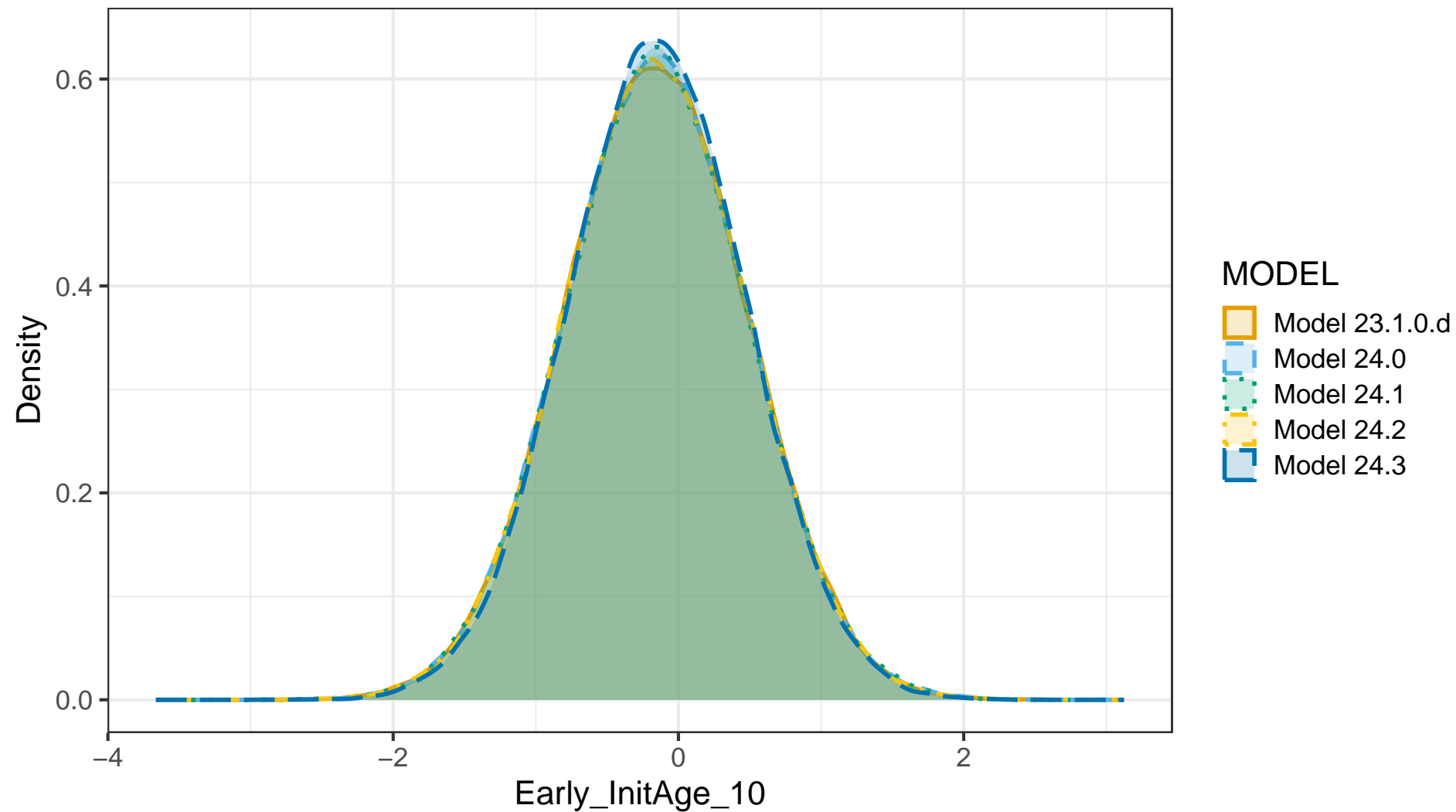


Early\_InitAge\_11

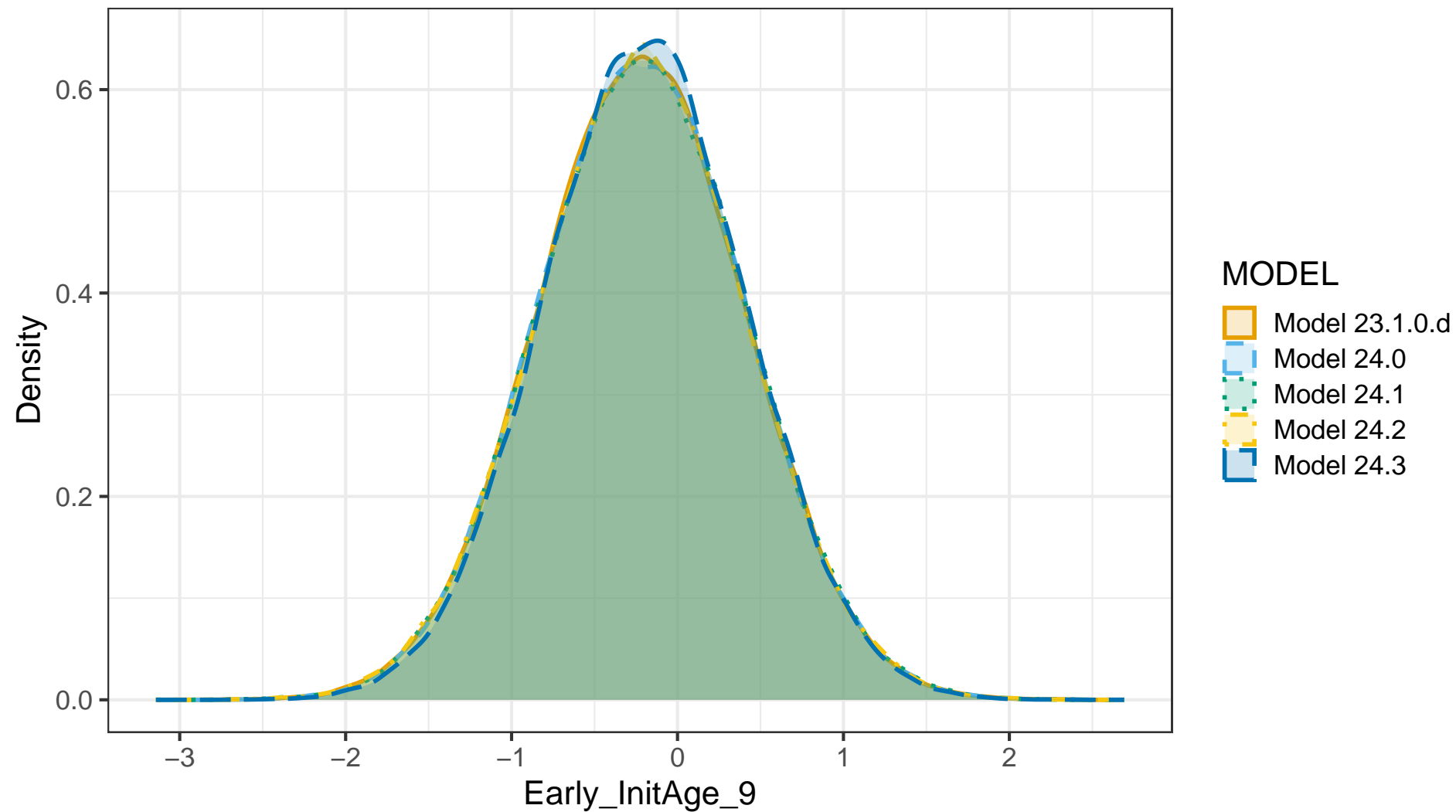




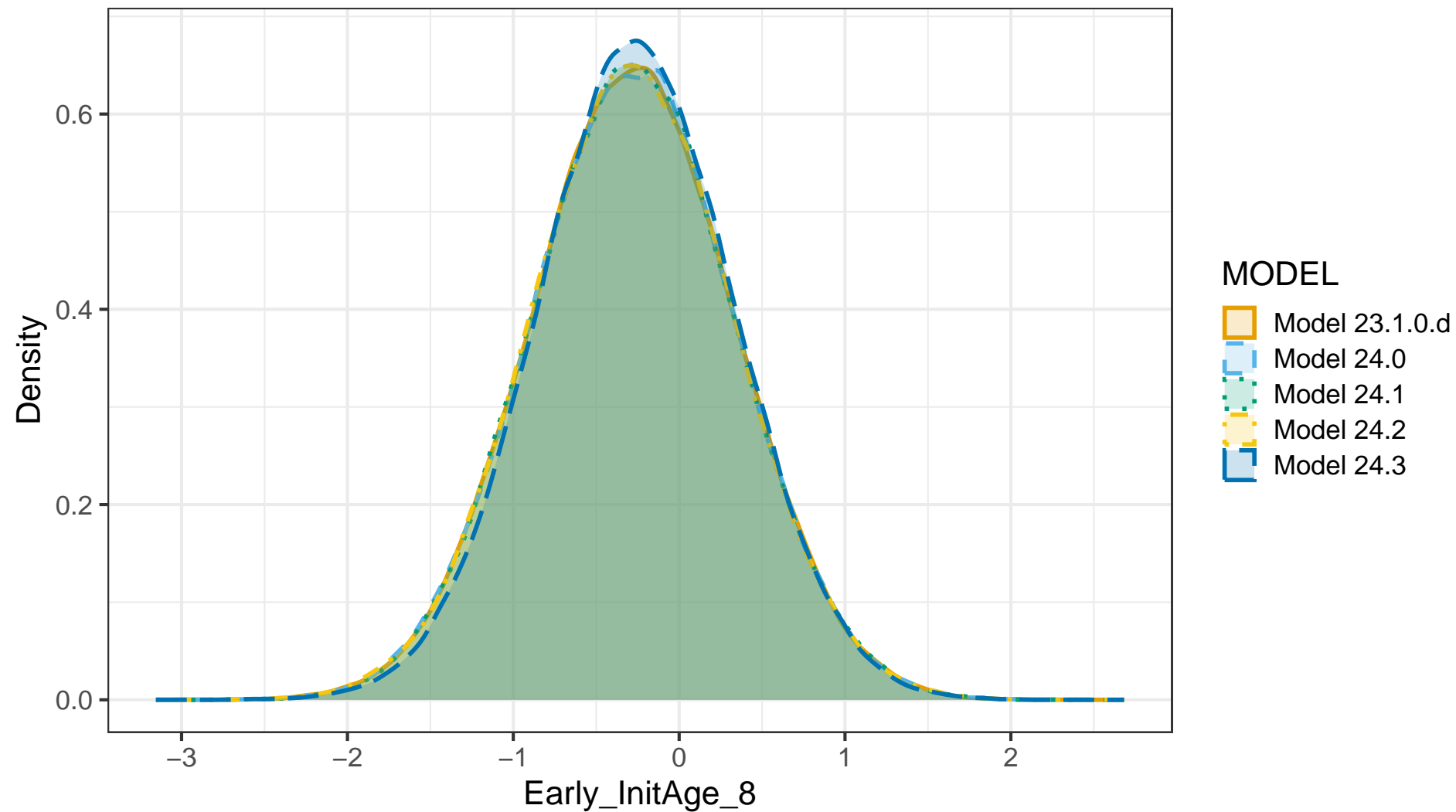
Early\_InitAge\_10



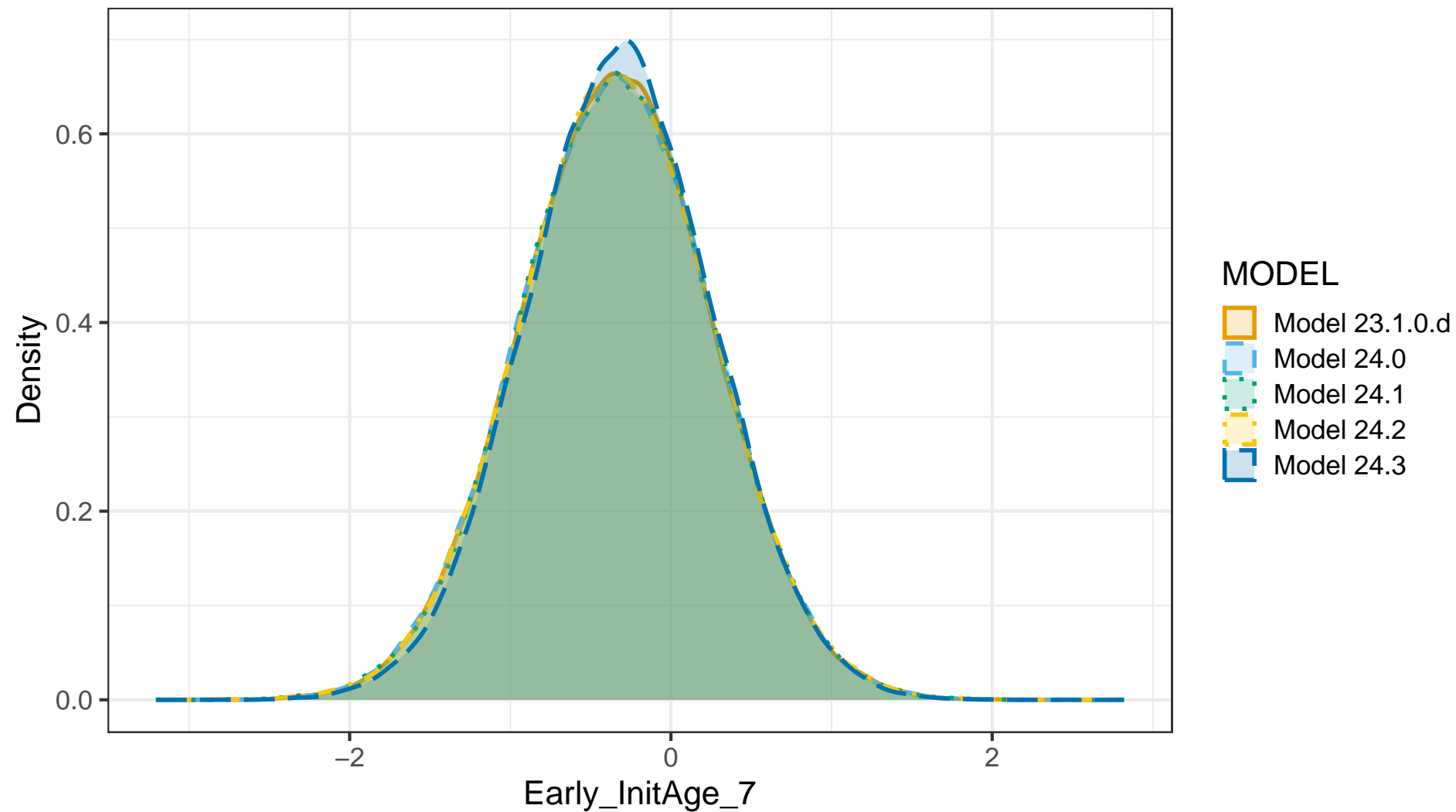
Early\_InitAge\_9



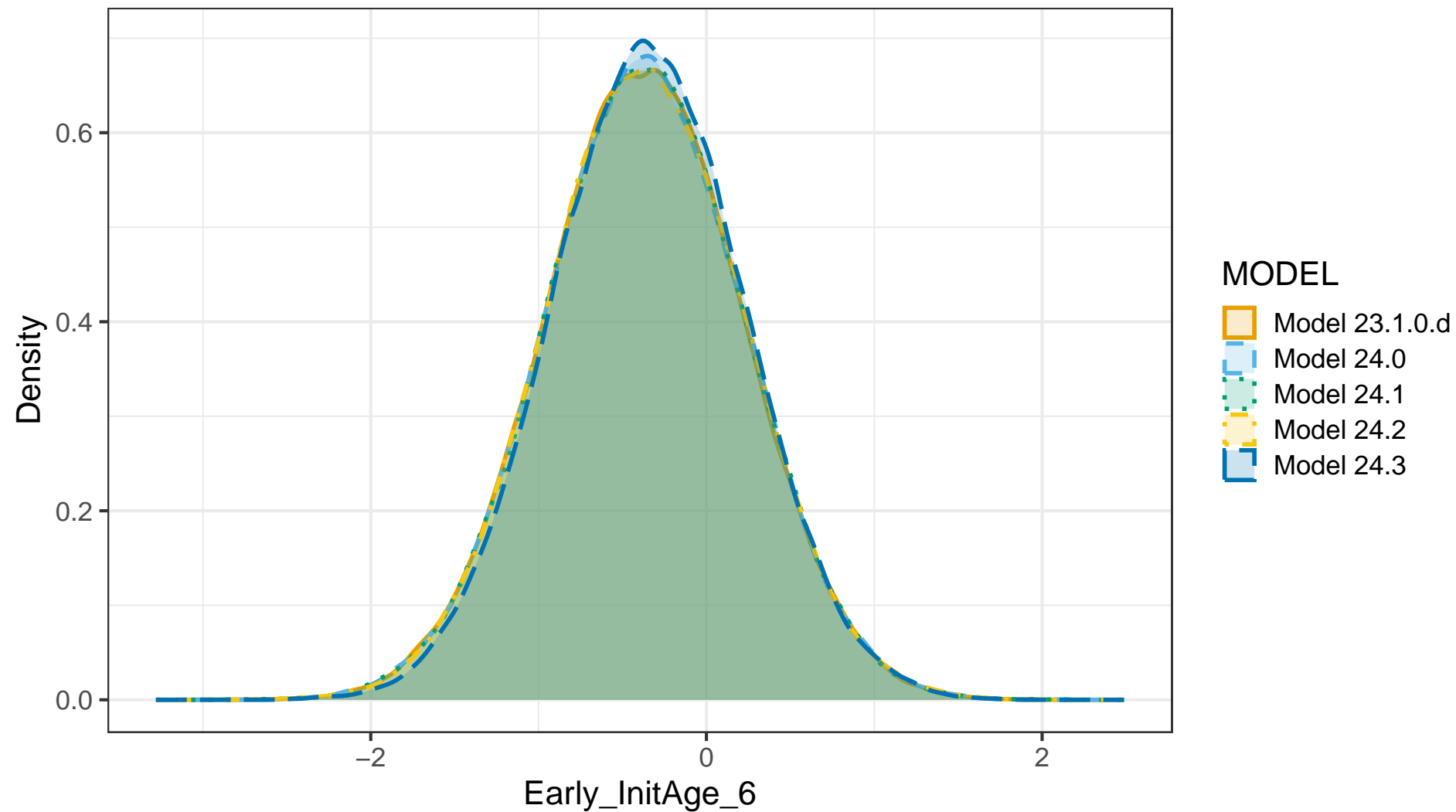
Early\_InitAge\_8



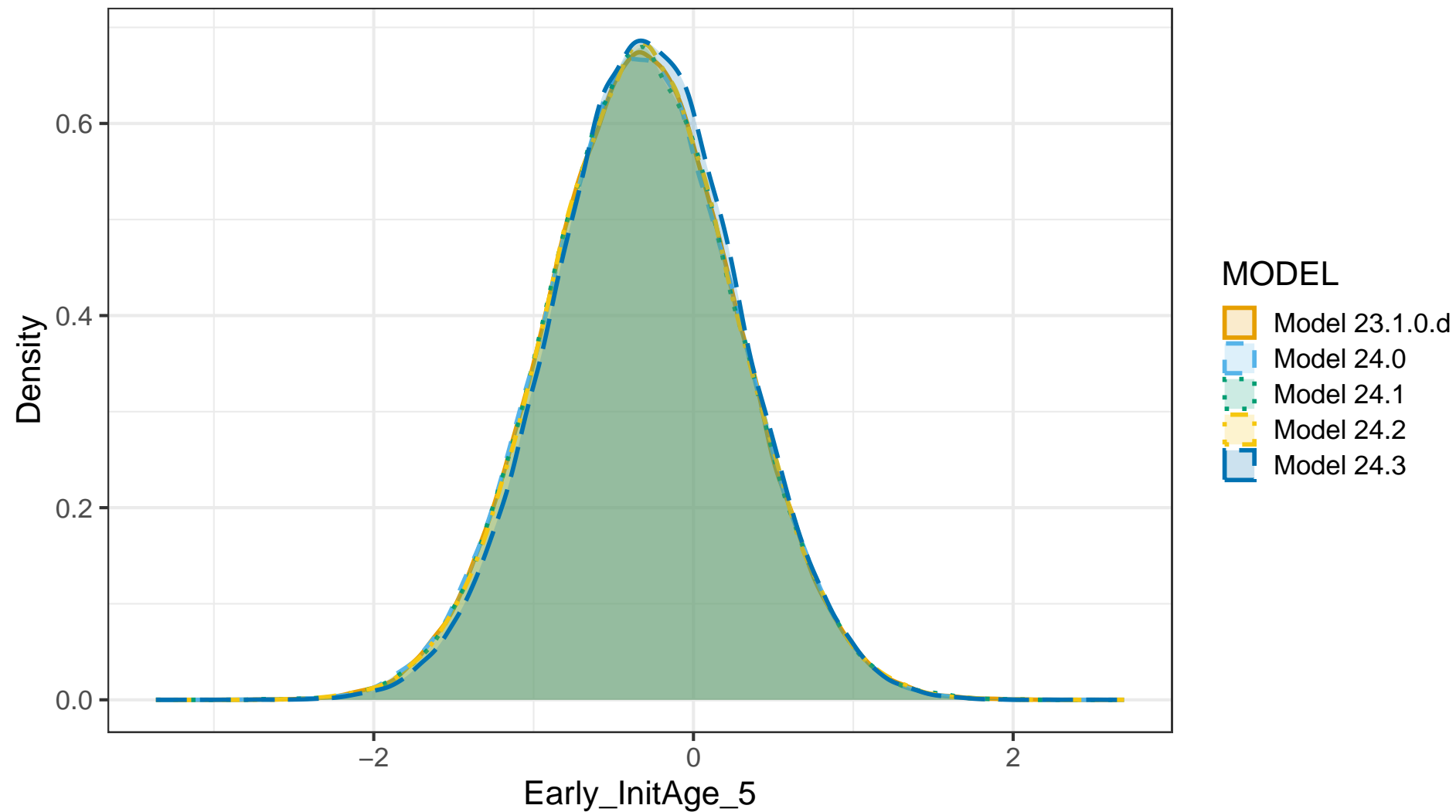
Early\_InitAge\_7



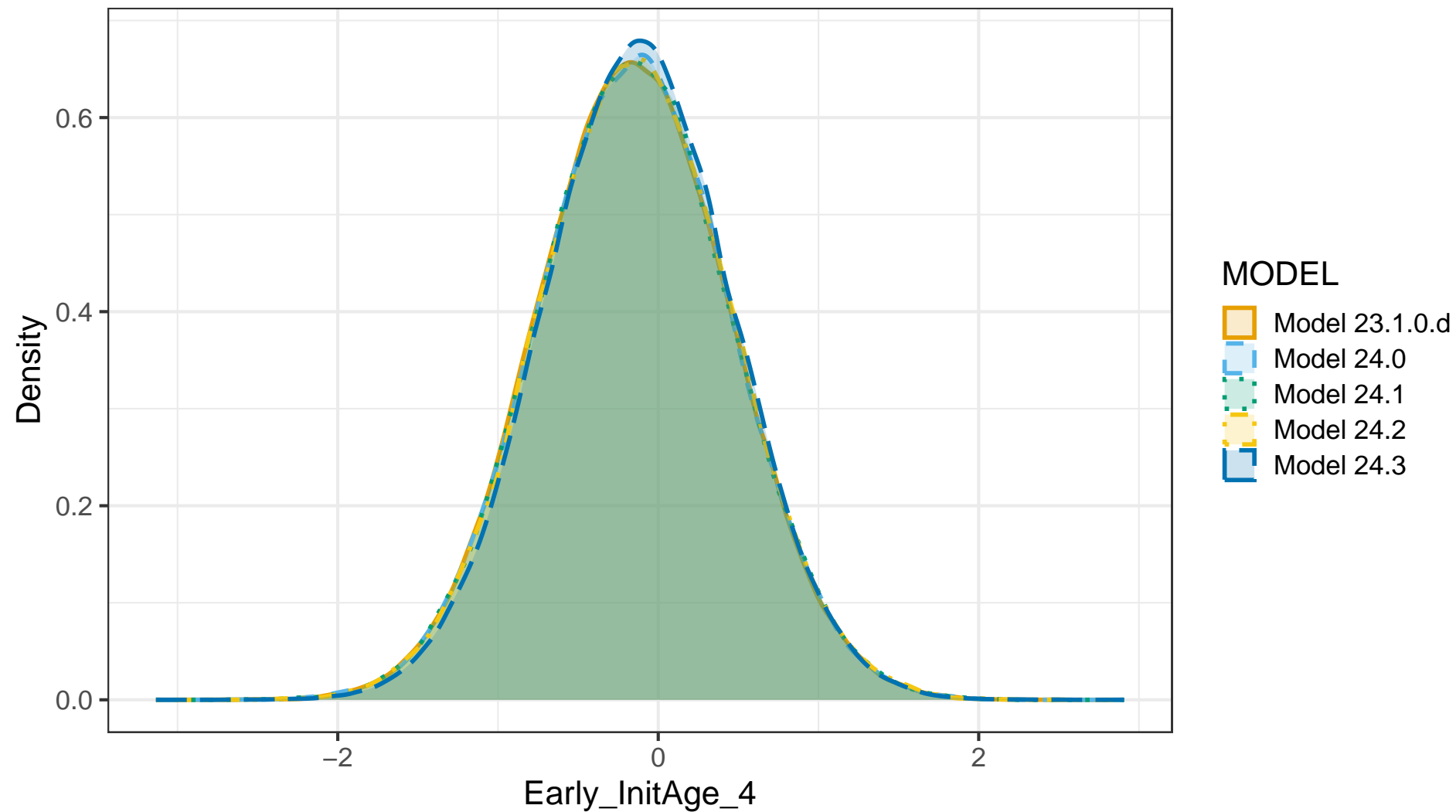
Early\_InitAge\_6



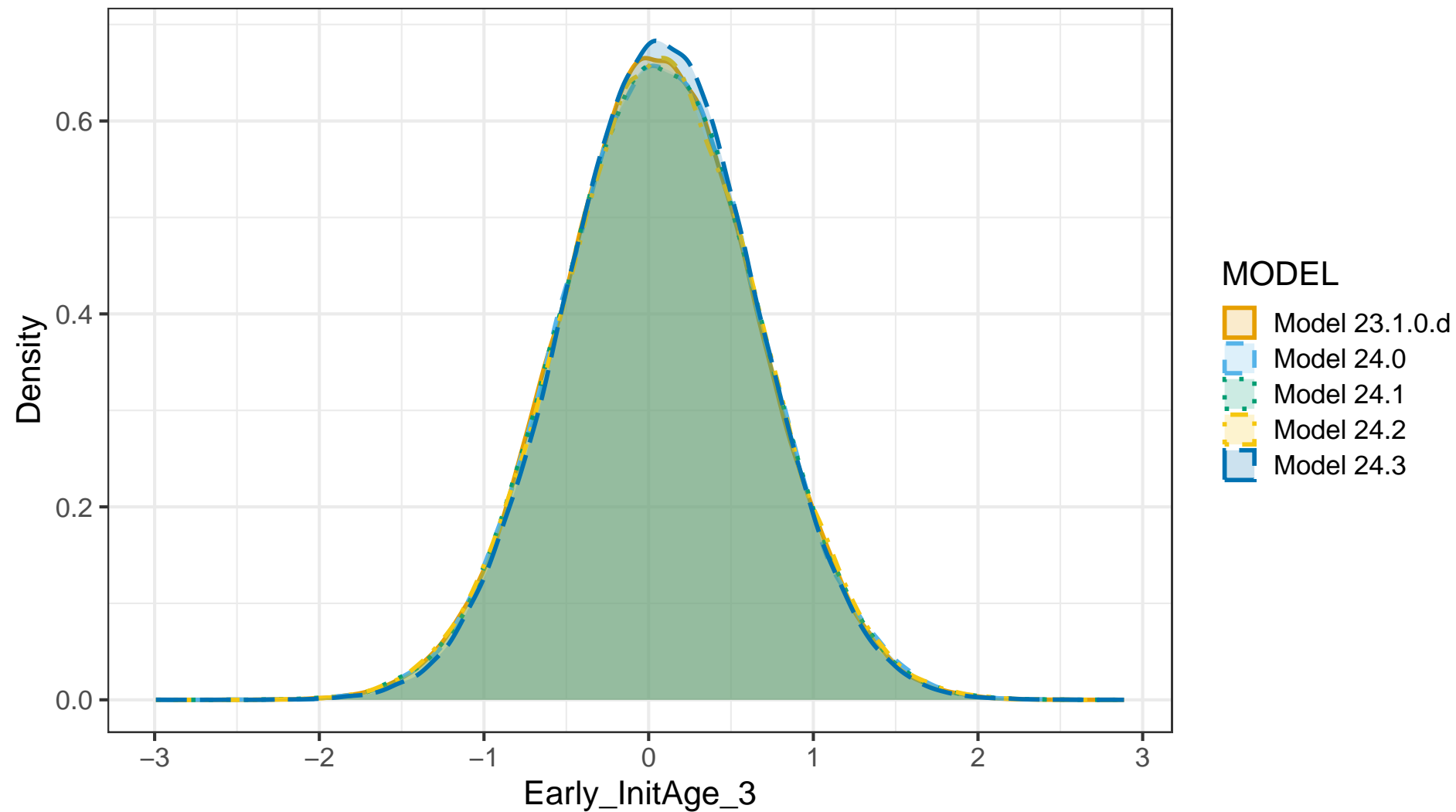
Early\_InitAge\_5



Early\_InitAge\_4

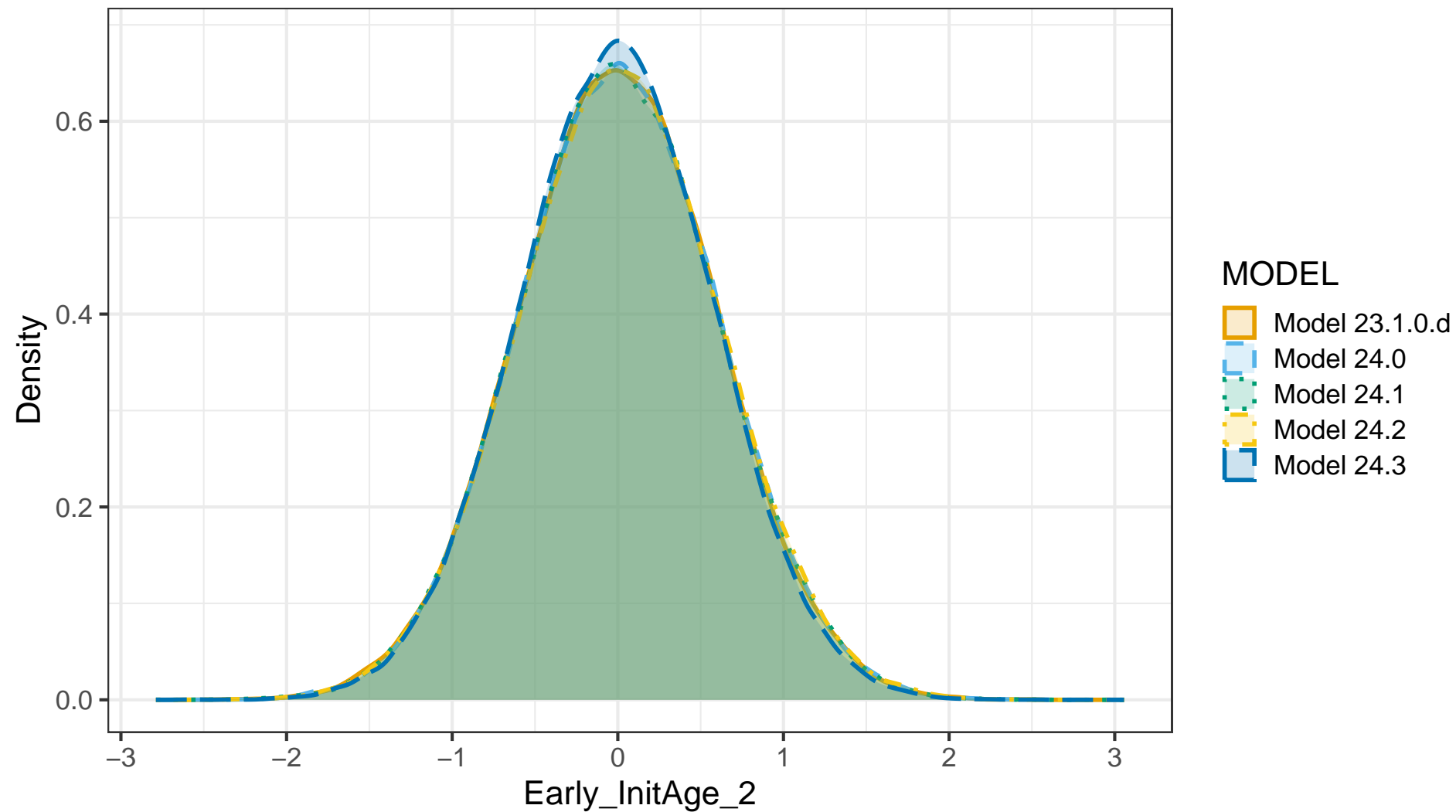


Early\_InitAge\_3

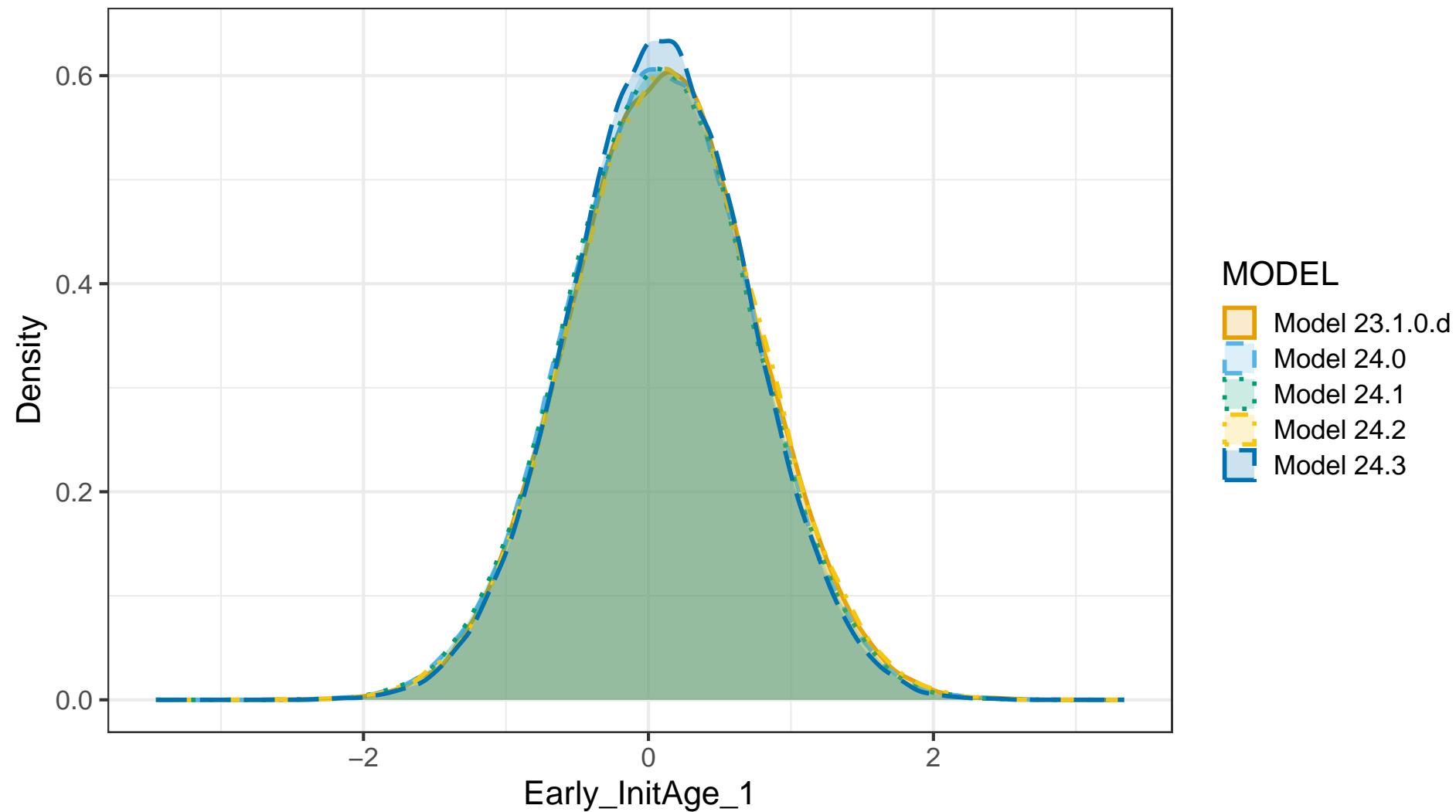




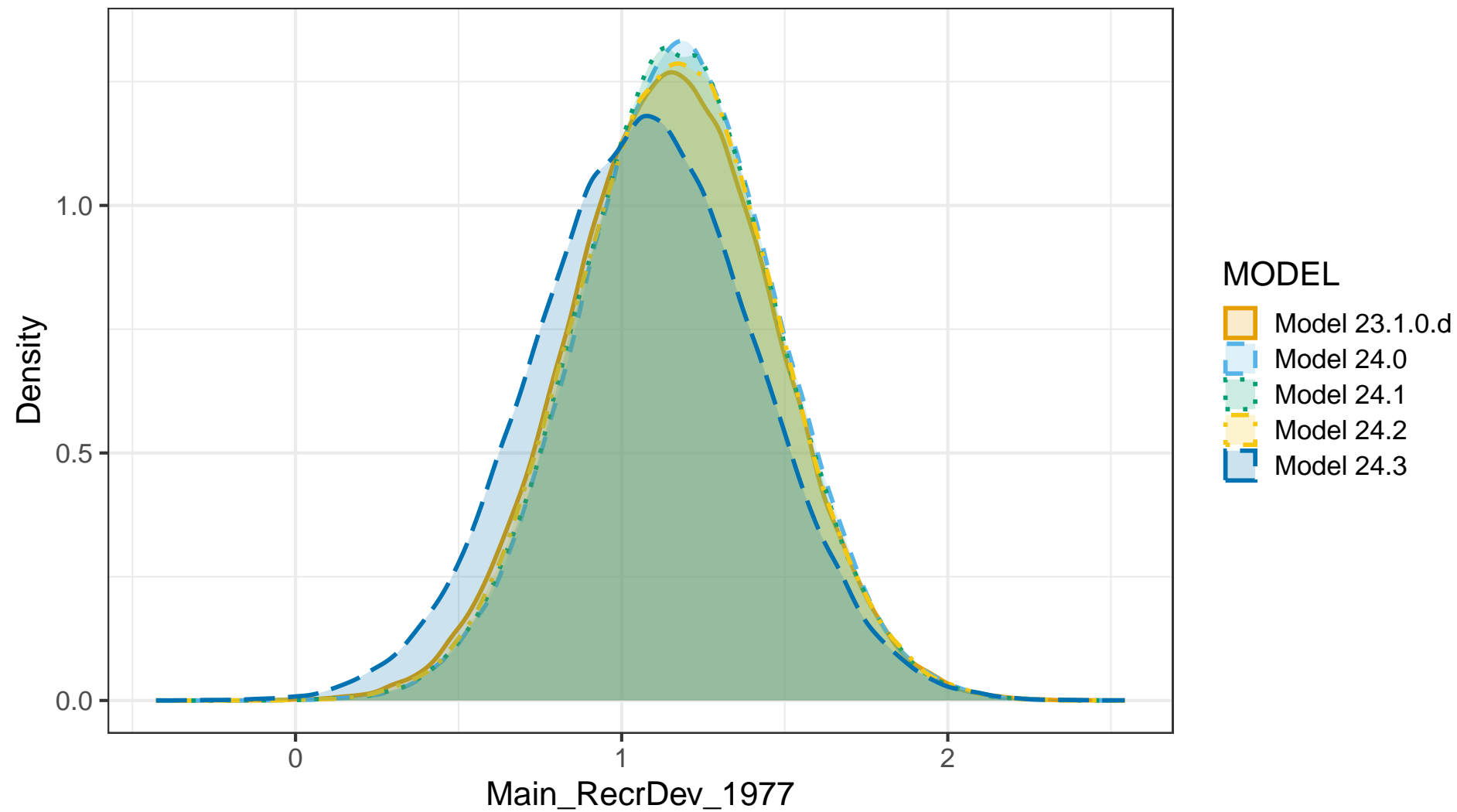
Early\_InitAge\_2



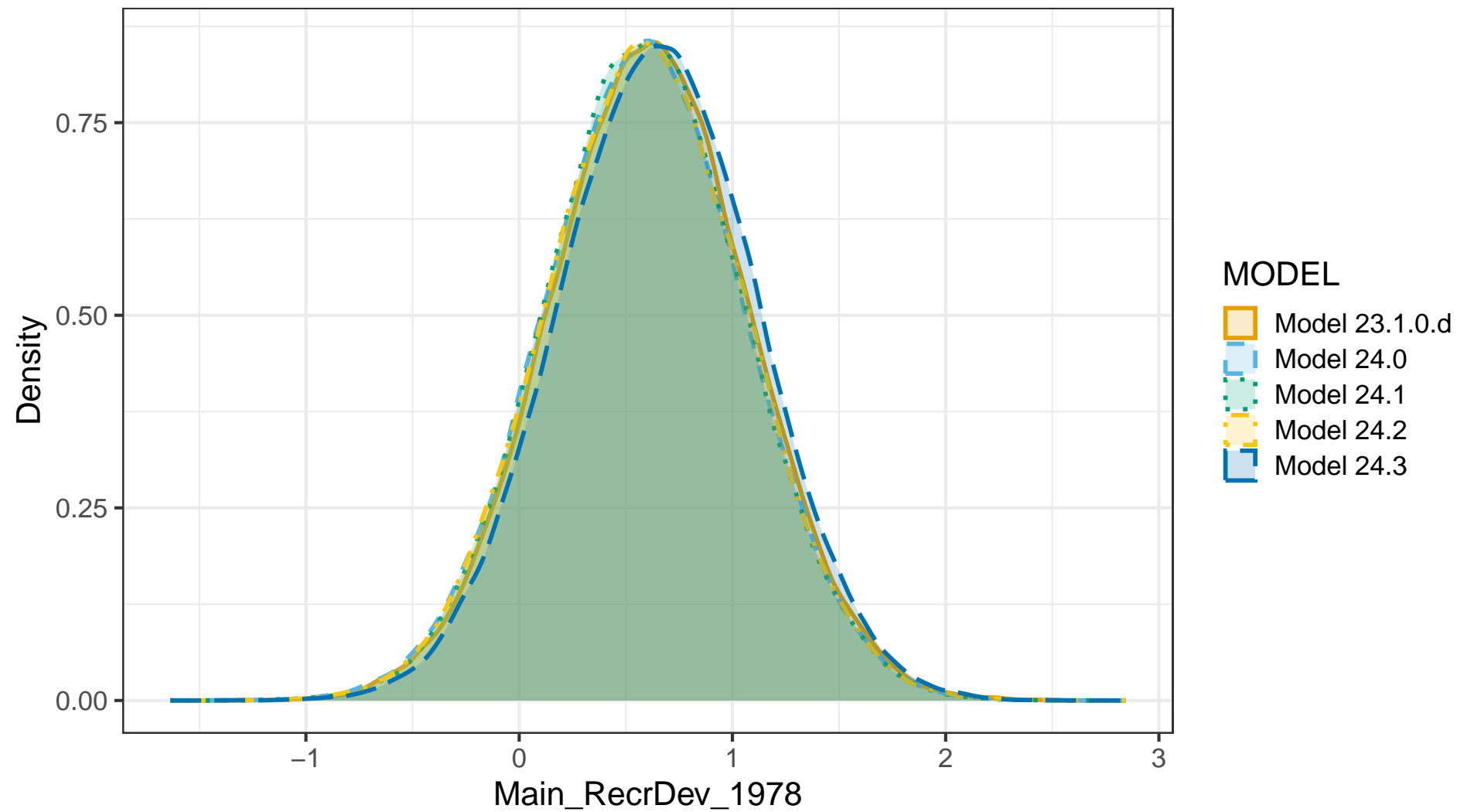
Early\_InitAge\_1



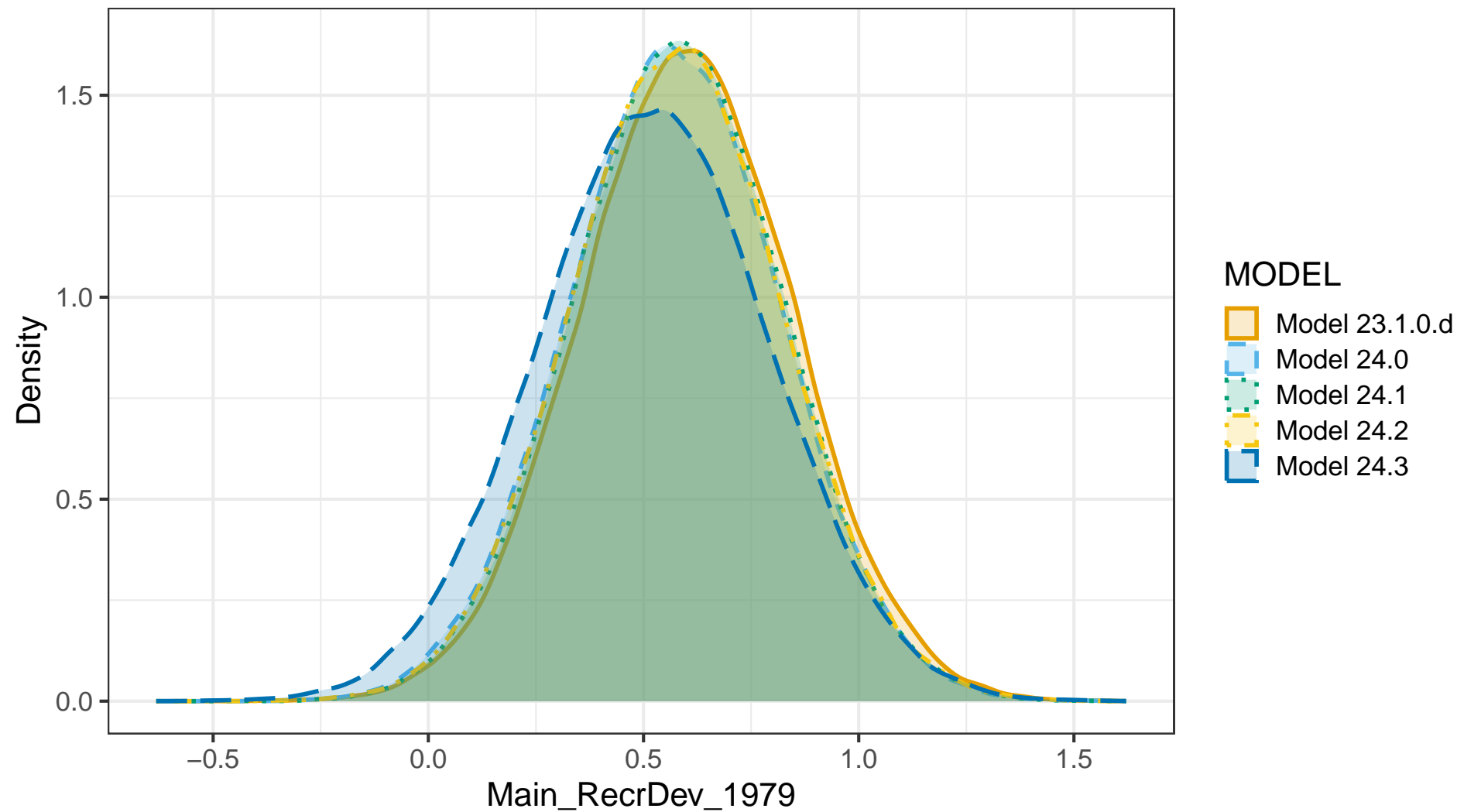
Main\_RecrDev\_1977



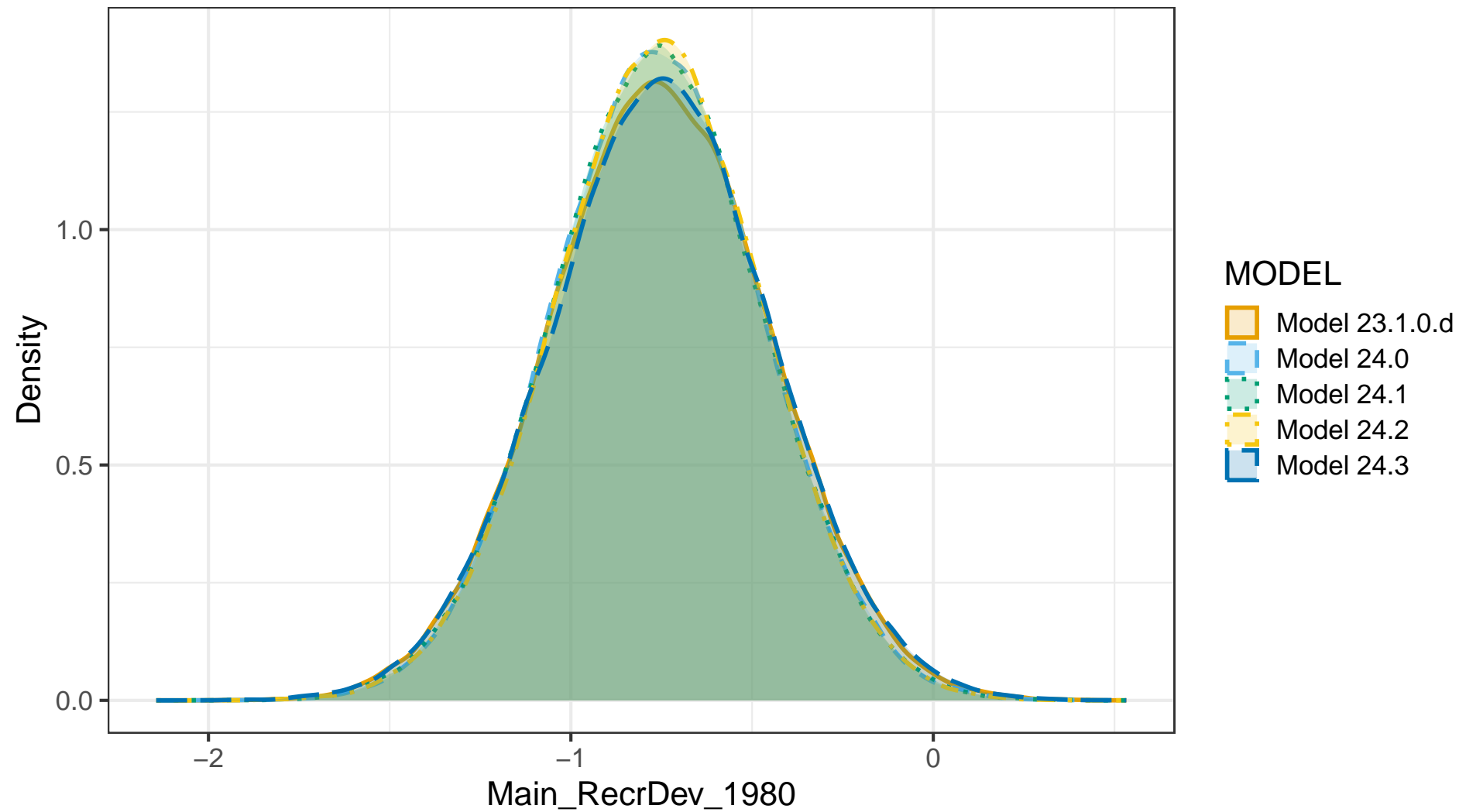
Main\_RecrDev\_1978



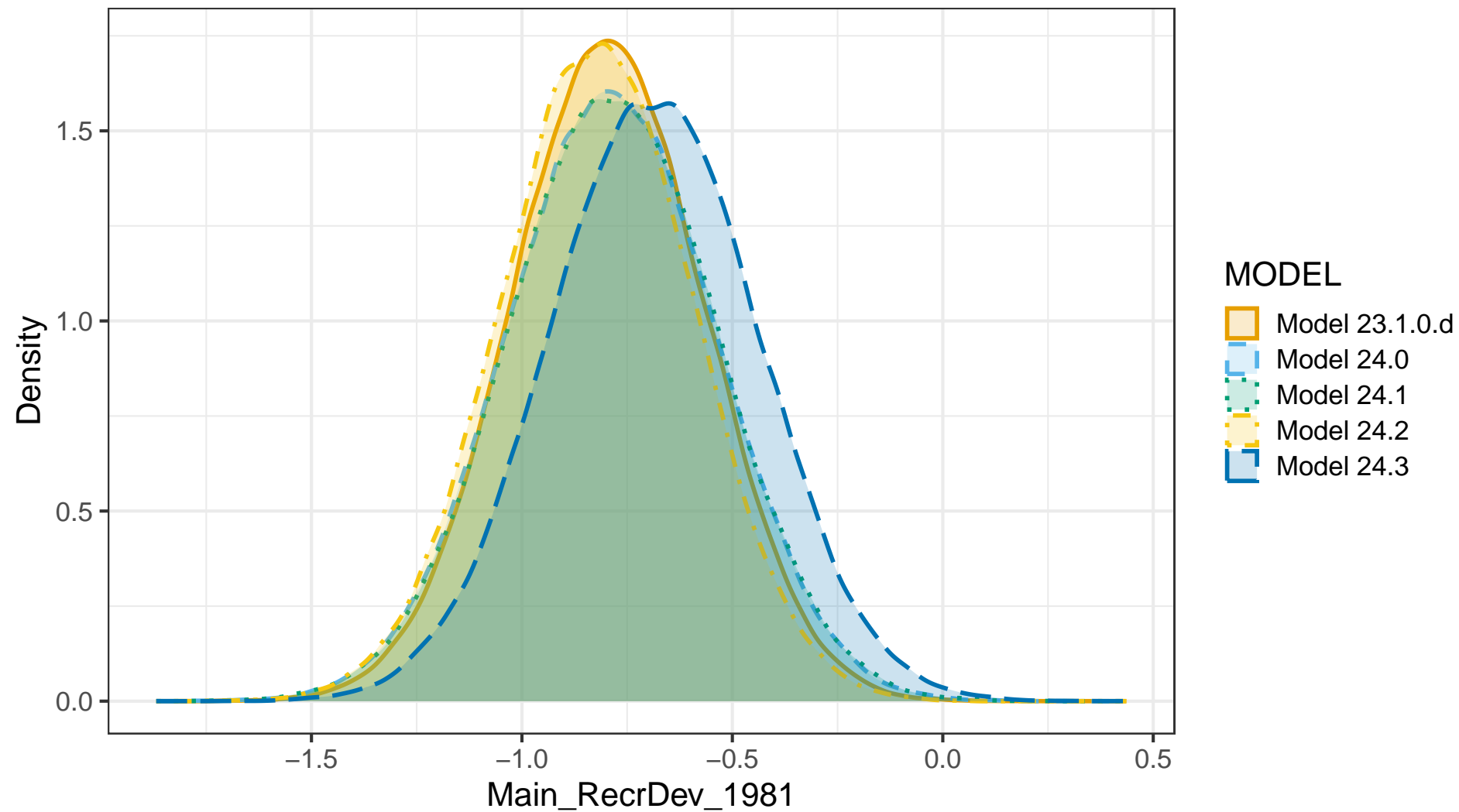
Main\_RecrDev\_1979



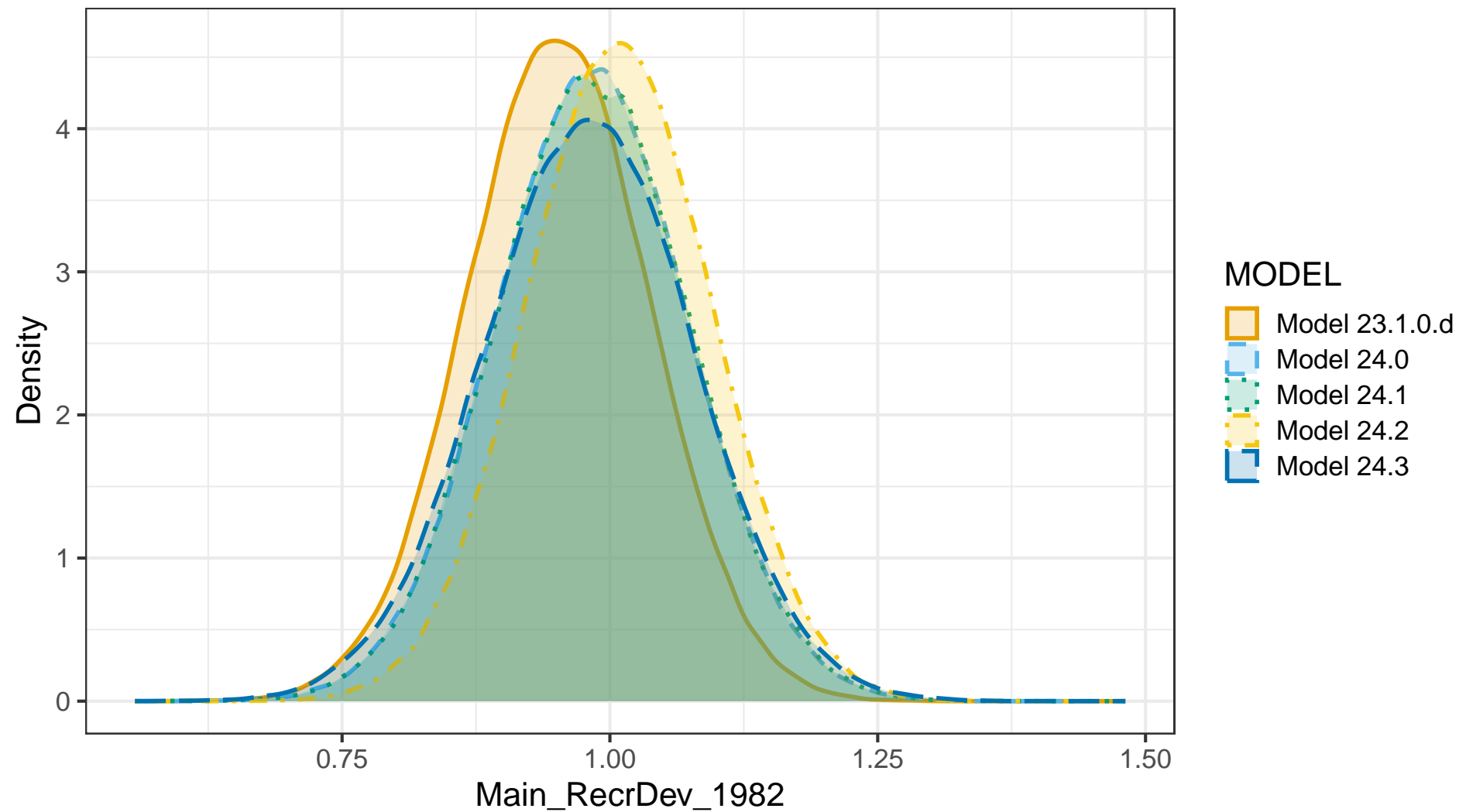
Main\_RecrDev\_1980



Main\_RecrDev\_1981

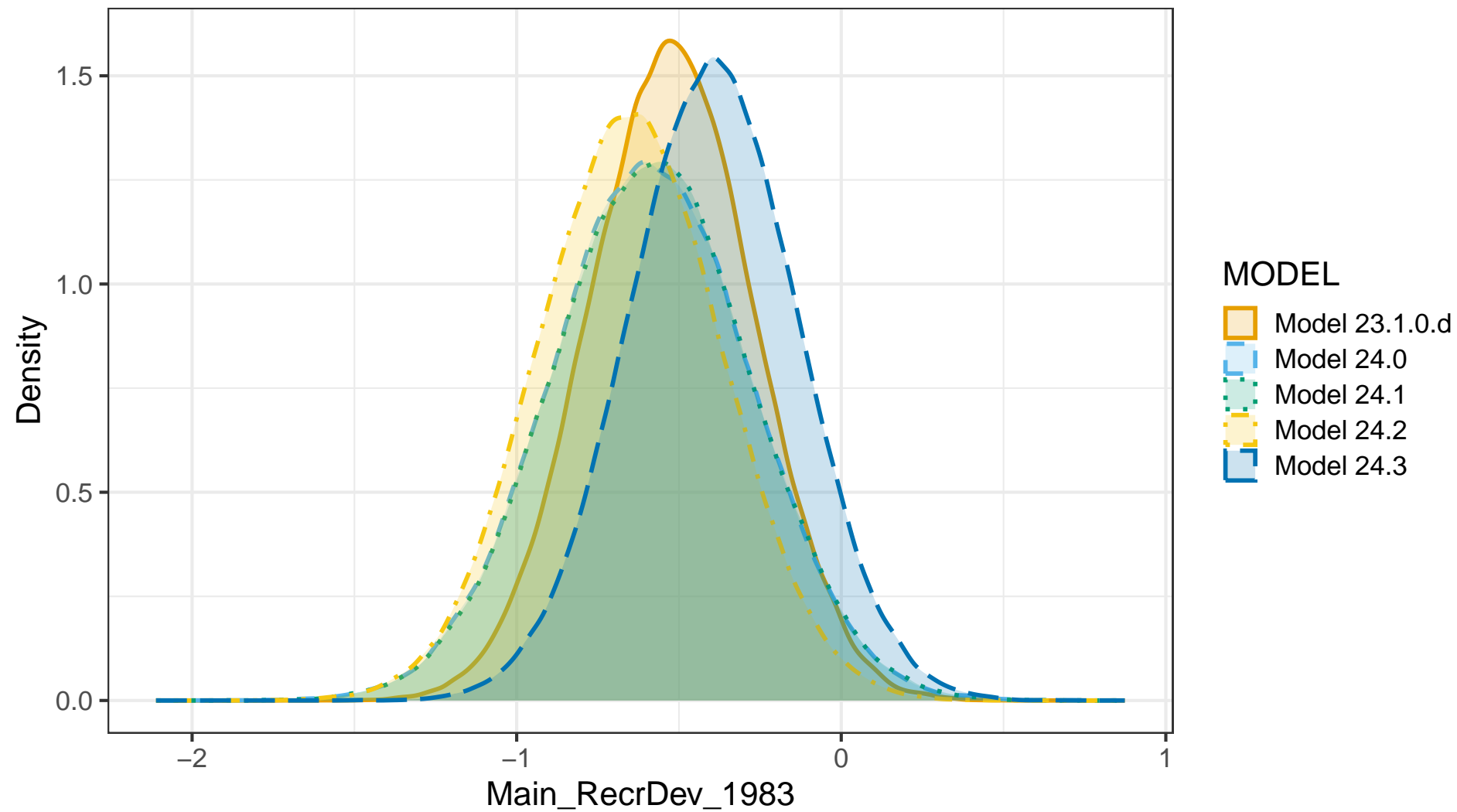


Main\_RecrDev\_1982

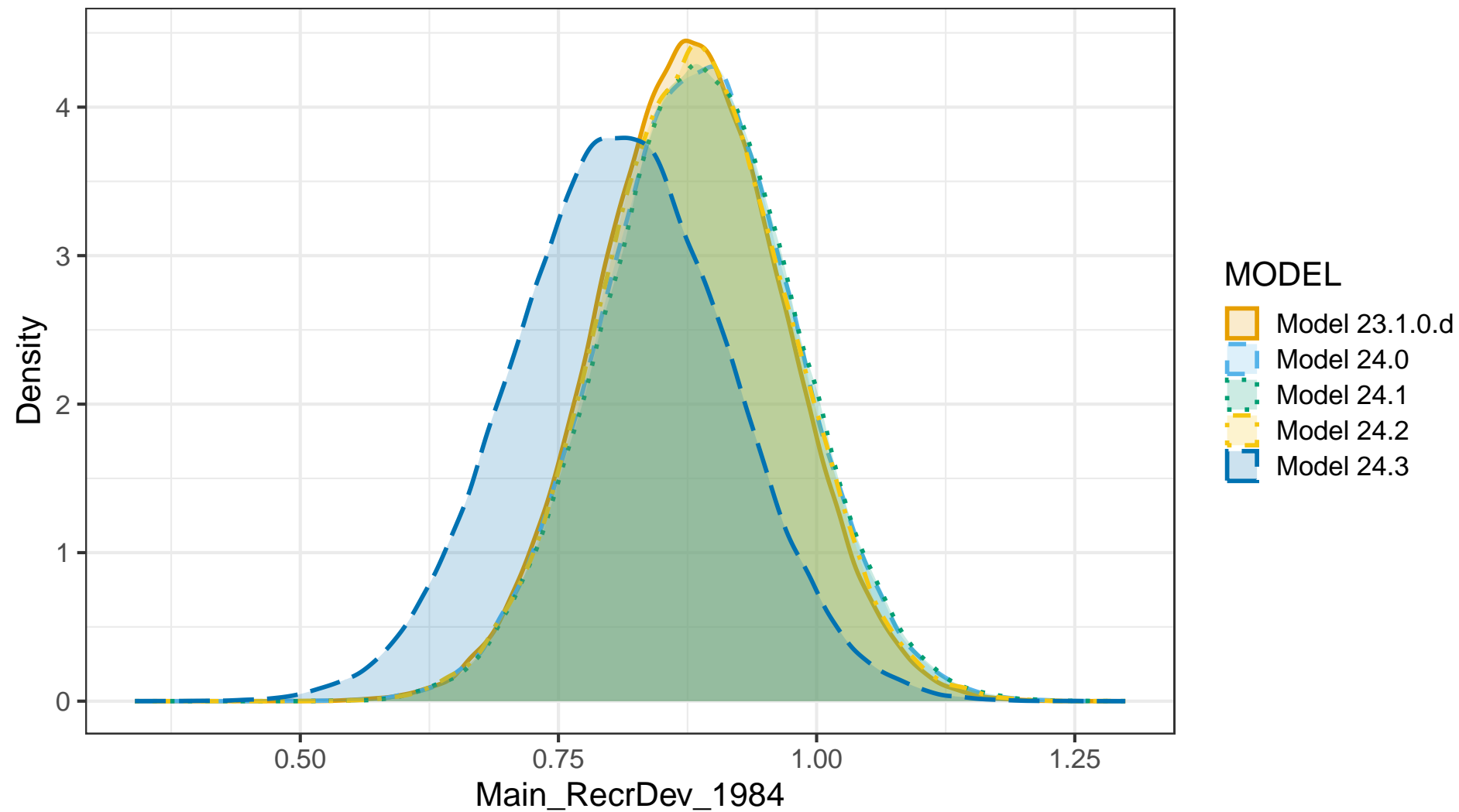




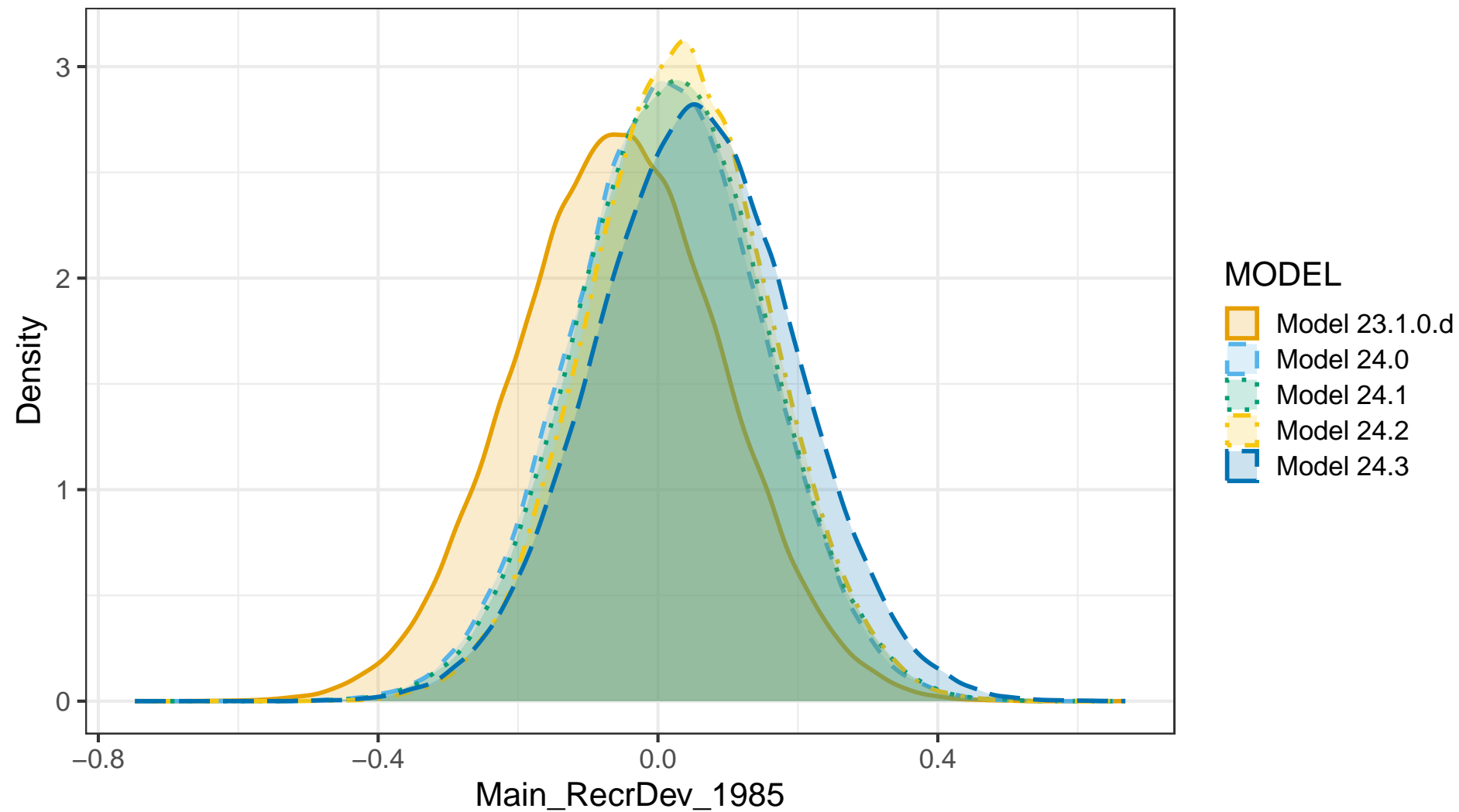
# Main\_RecrDev\_1983



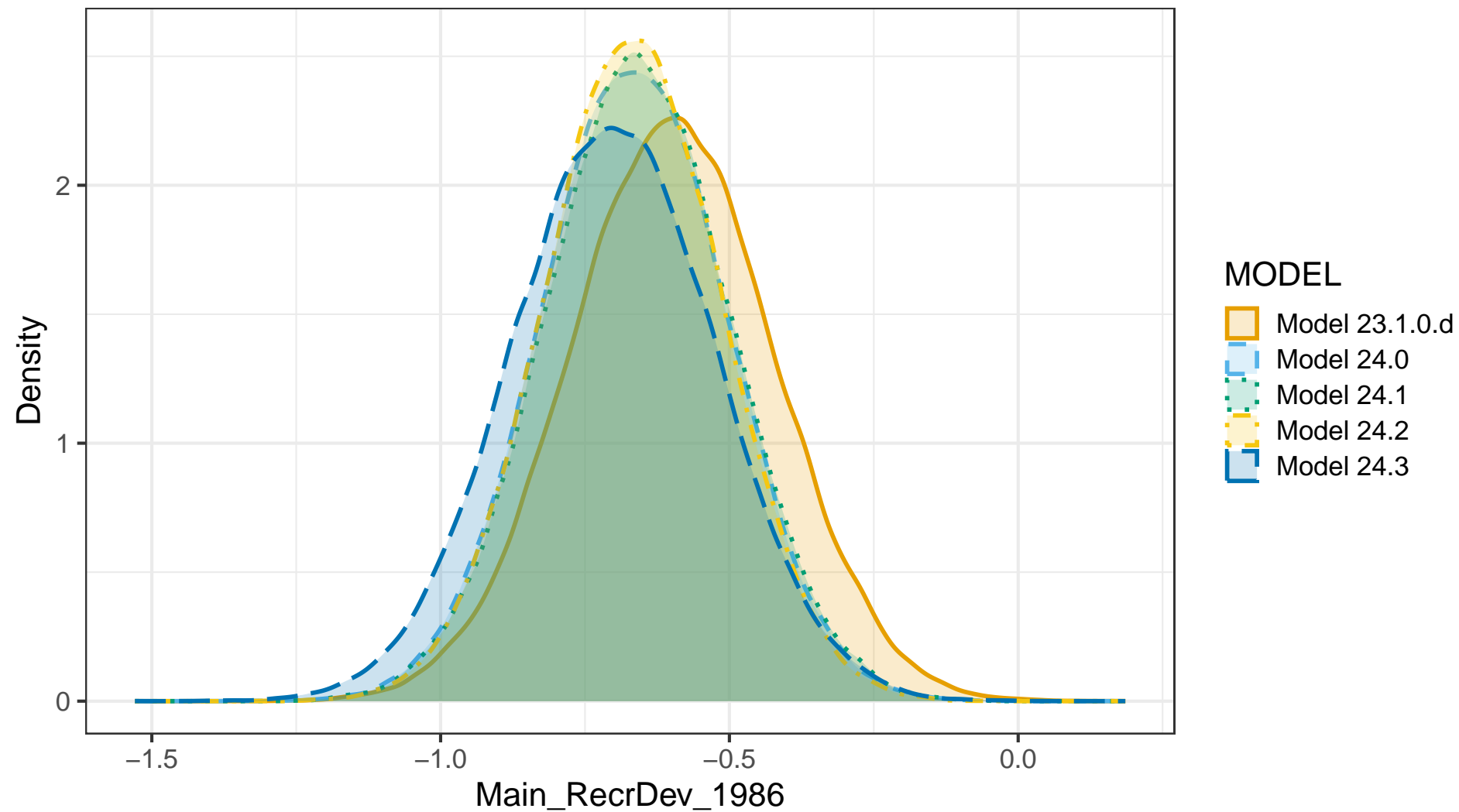
Main\_RecrDev\_1984



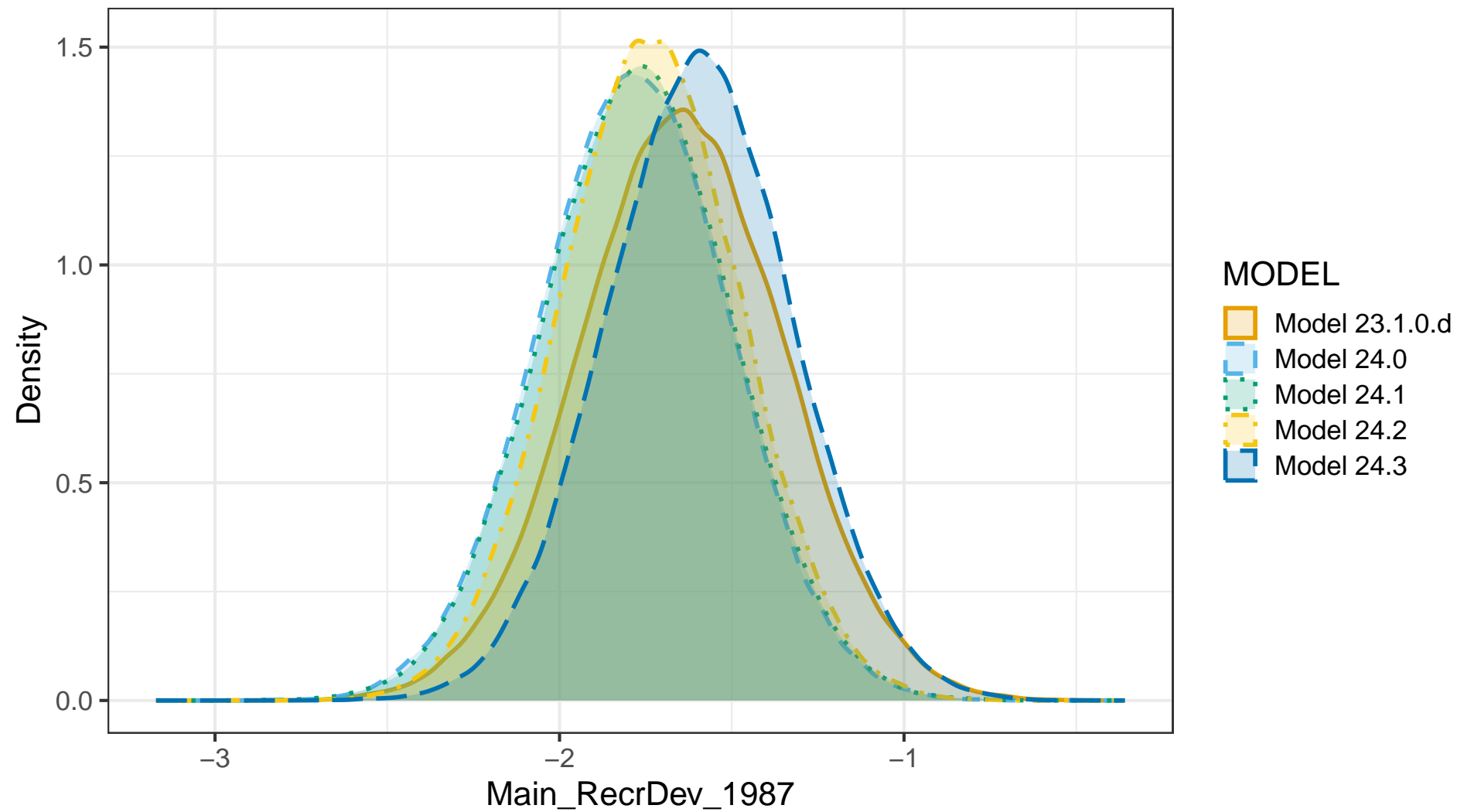
Main\_RecrDev\_1985



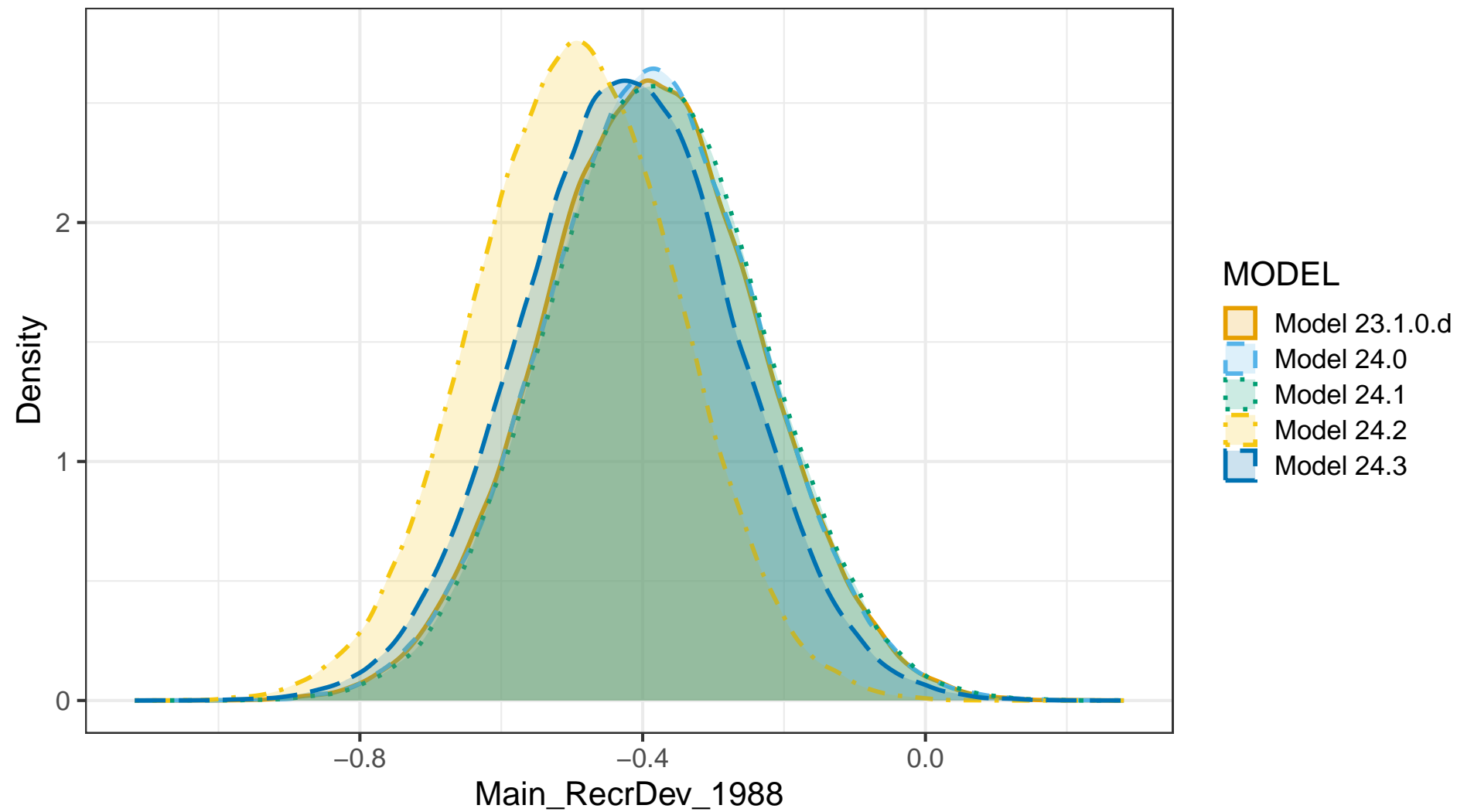
Main\_RecrDev\_1986



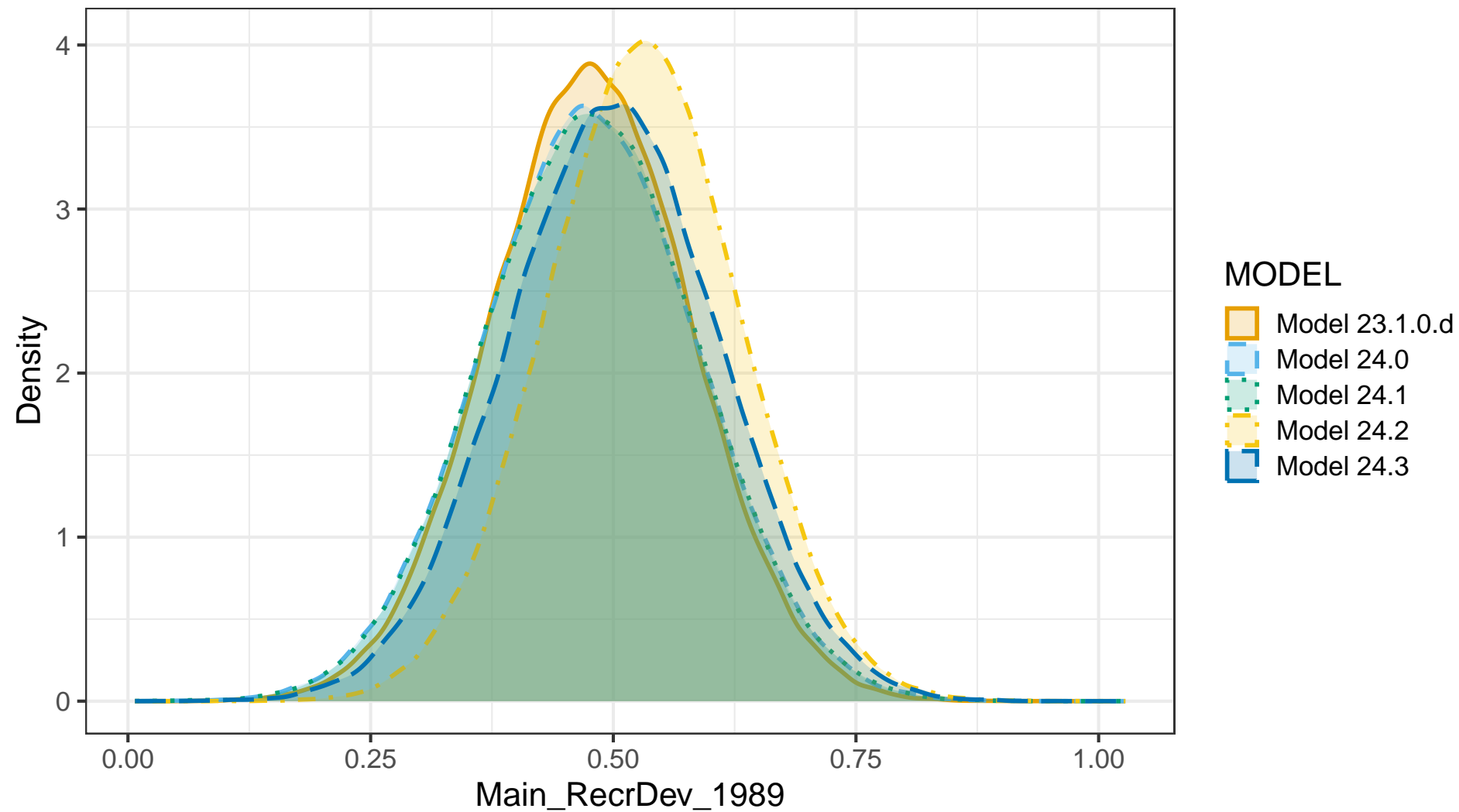
Main\_RecrDev\_1987



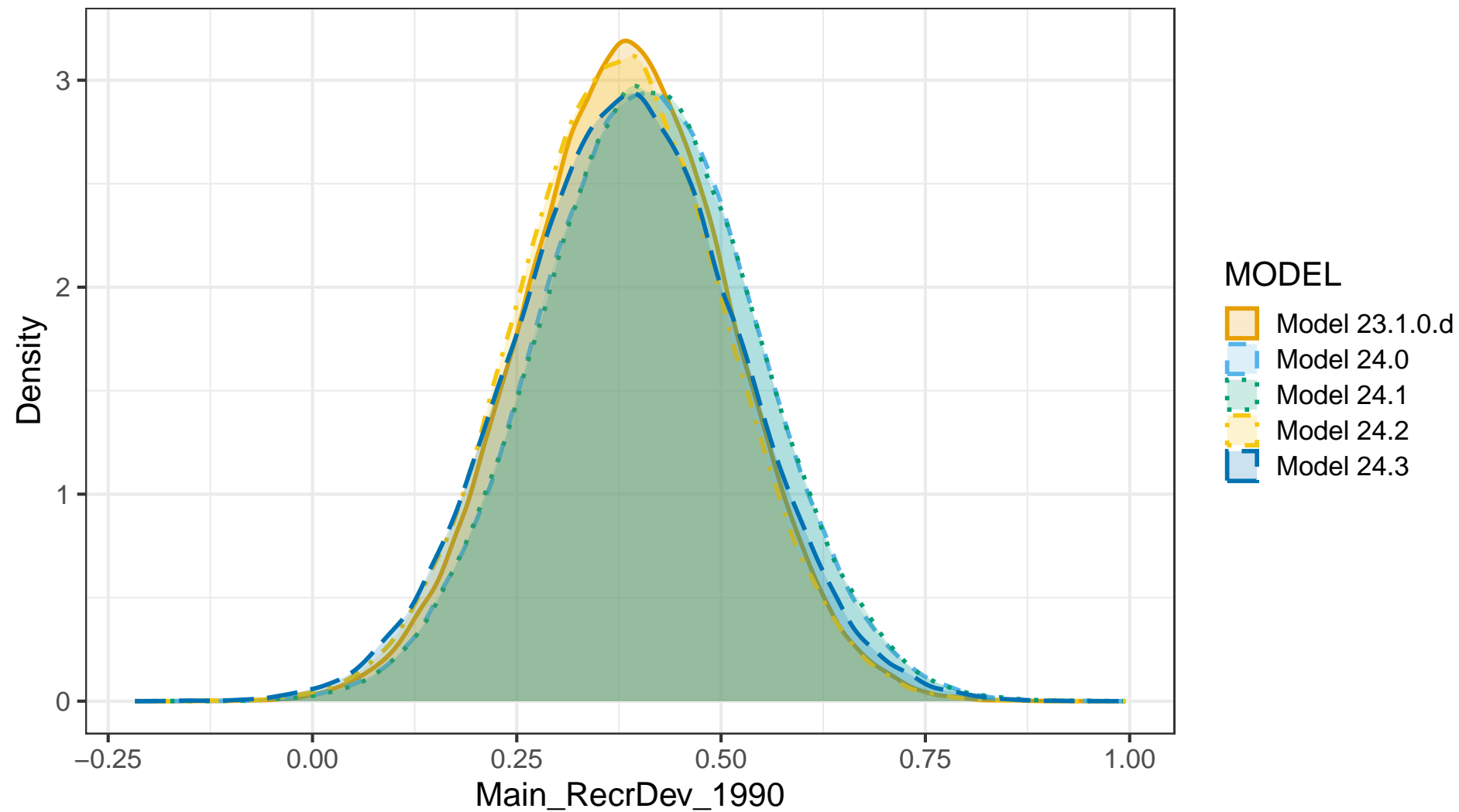
# Main\_RecrDev\_1988



Main\_RecrDev\_1989

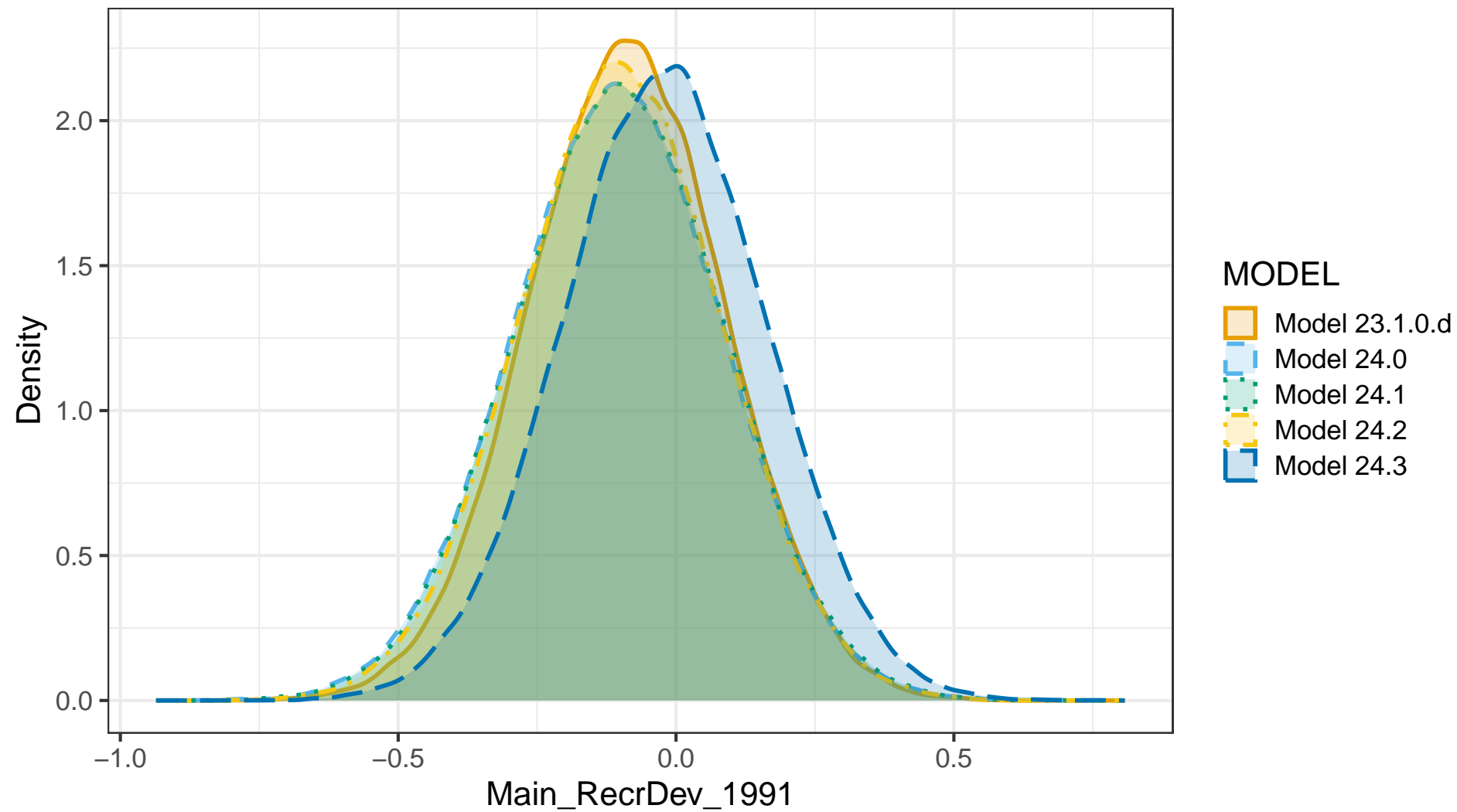


Main\_RecrDev\_1990

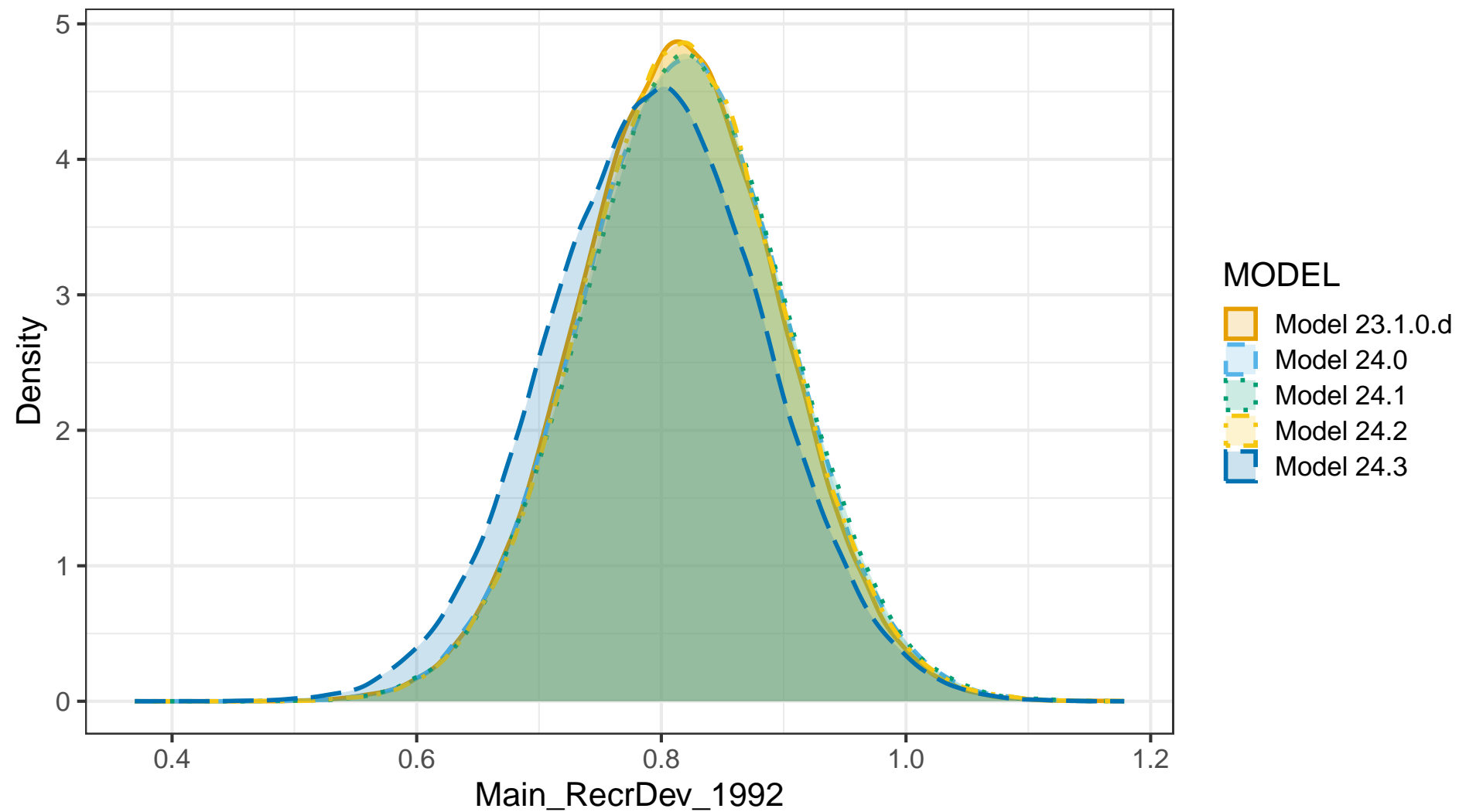




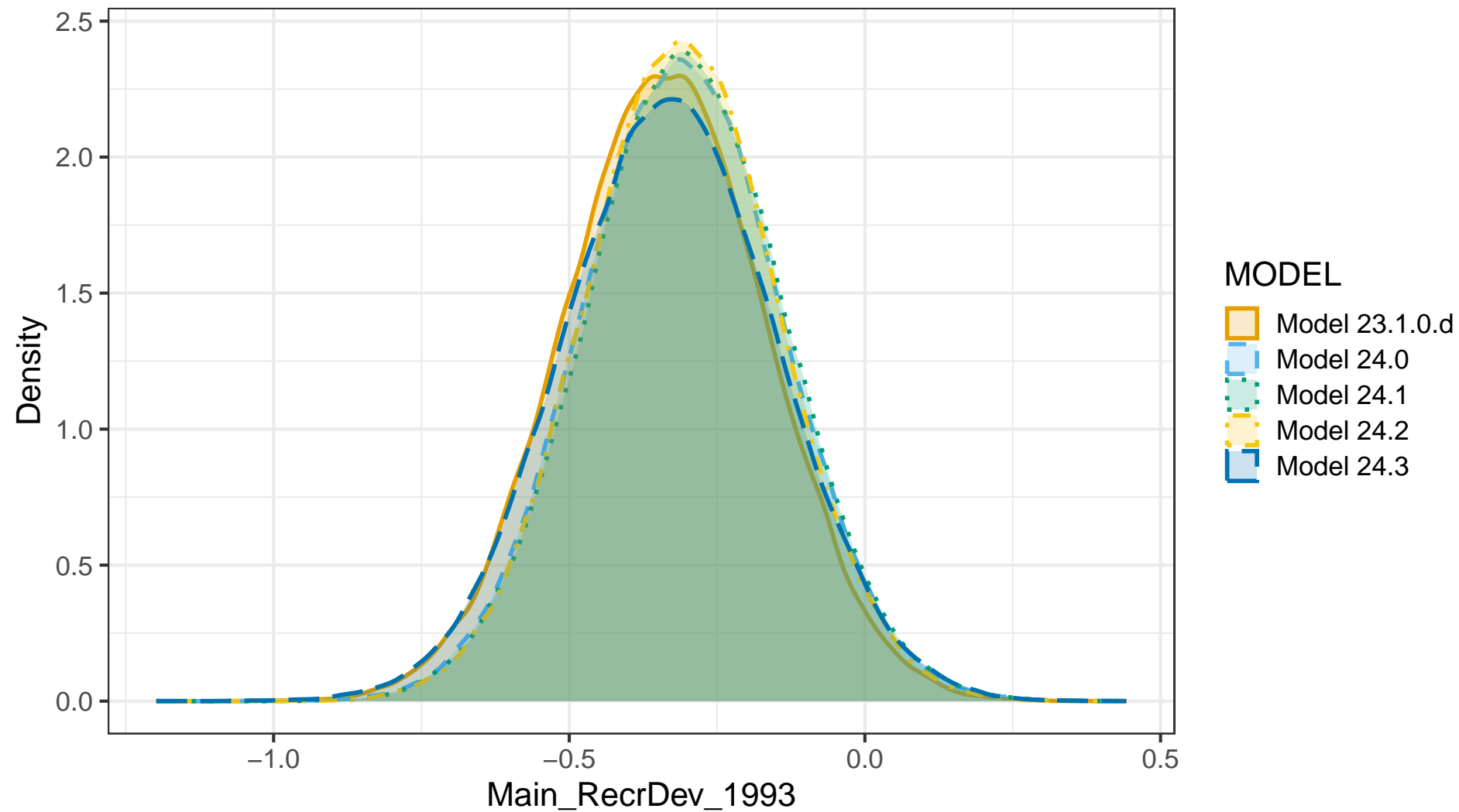
# Main\_RecrDev\_1991



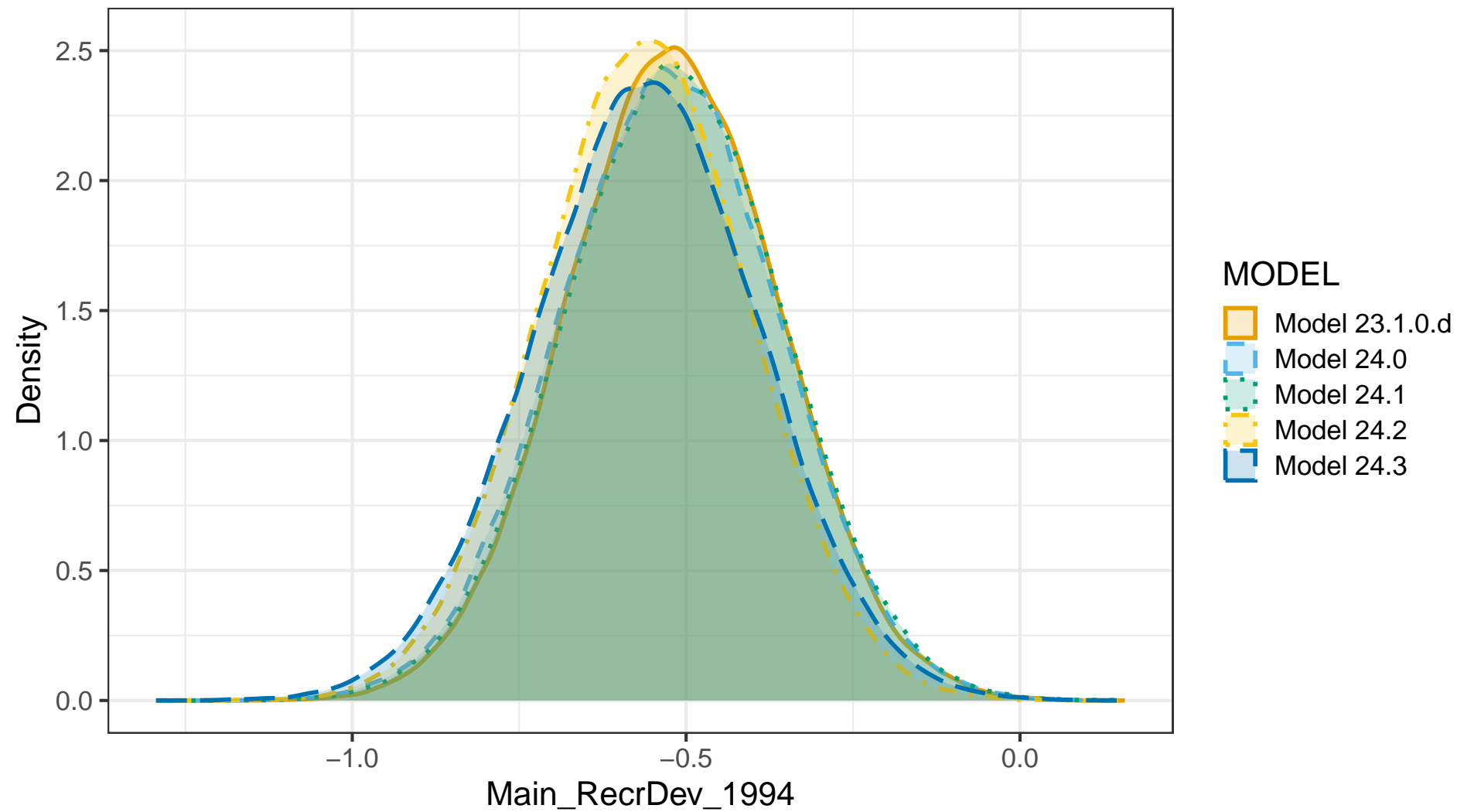
# Main\_RecrDev\_1992



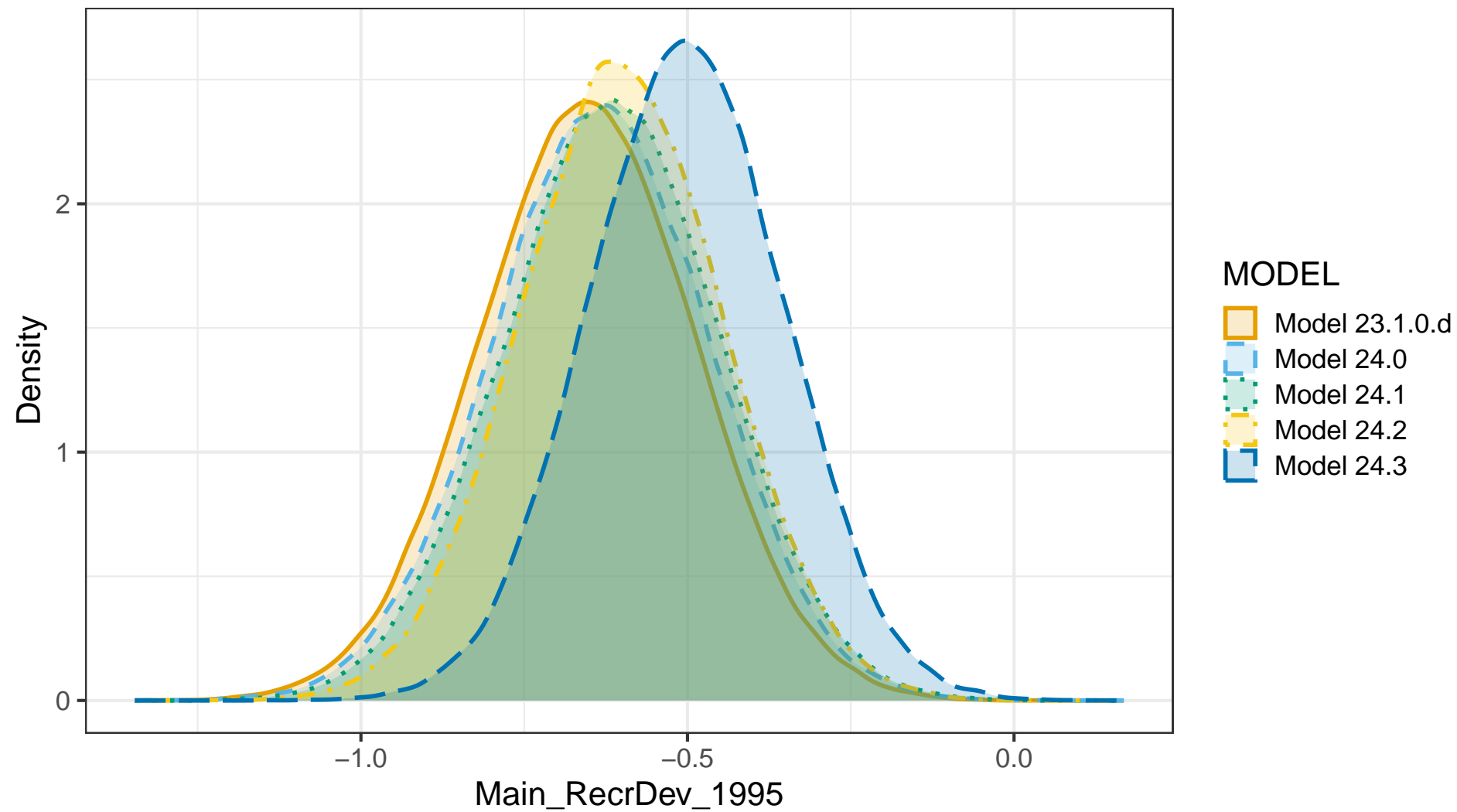
Main\_RecrDev\_1993



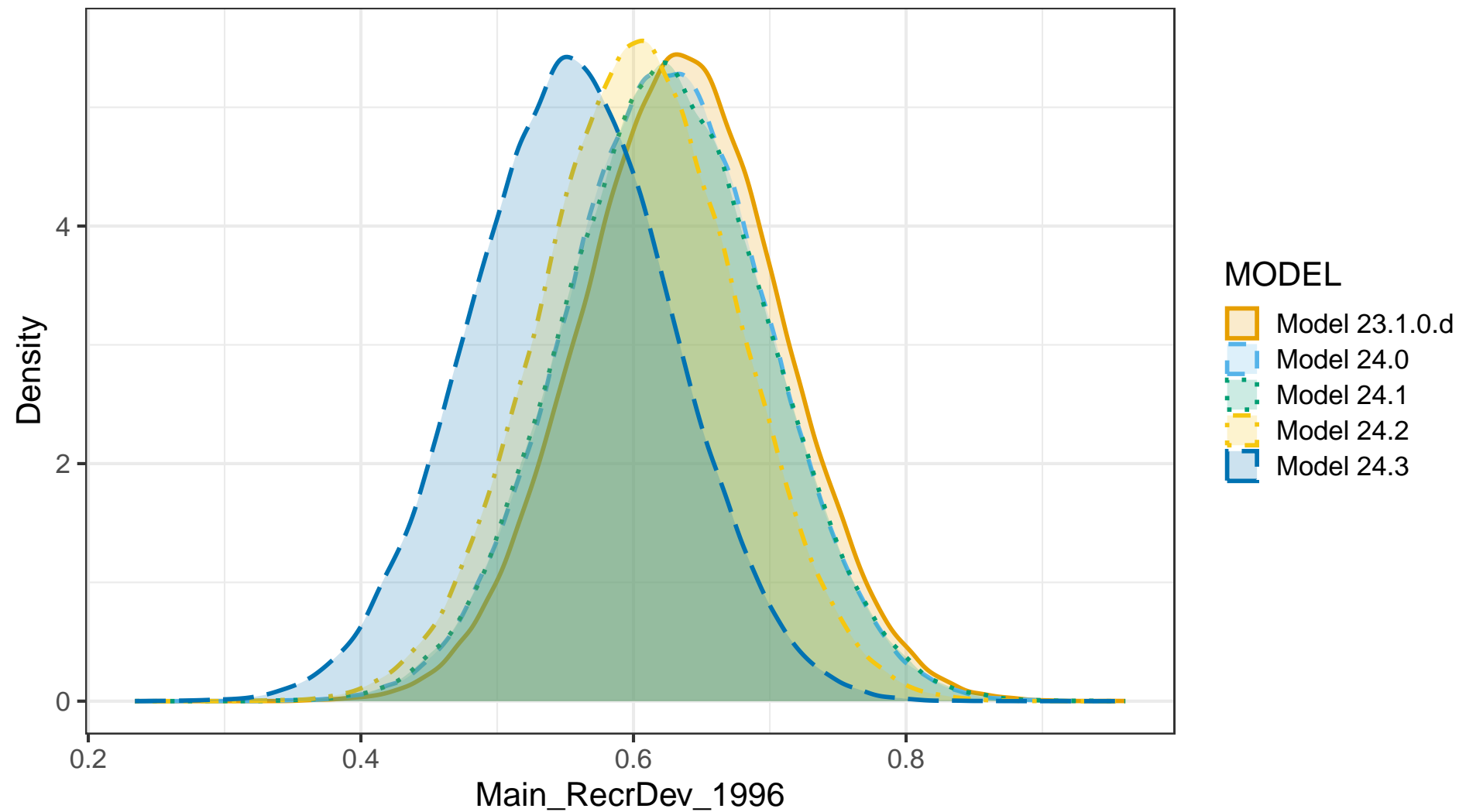
Main\_RecrDev\_1994



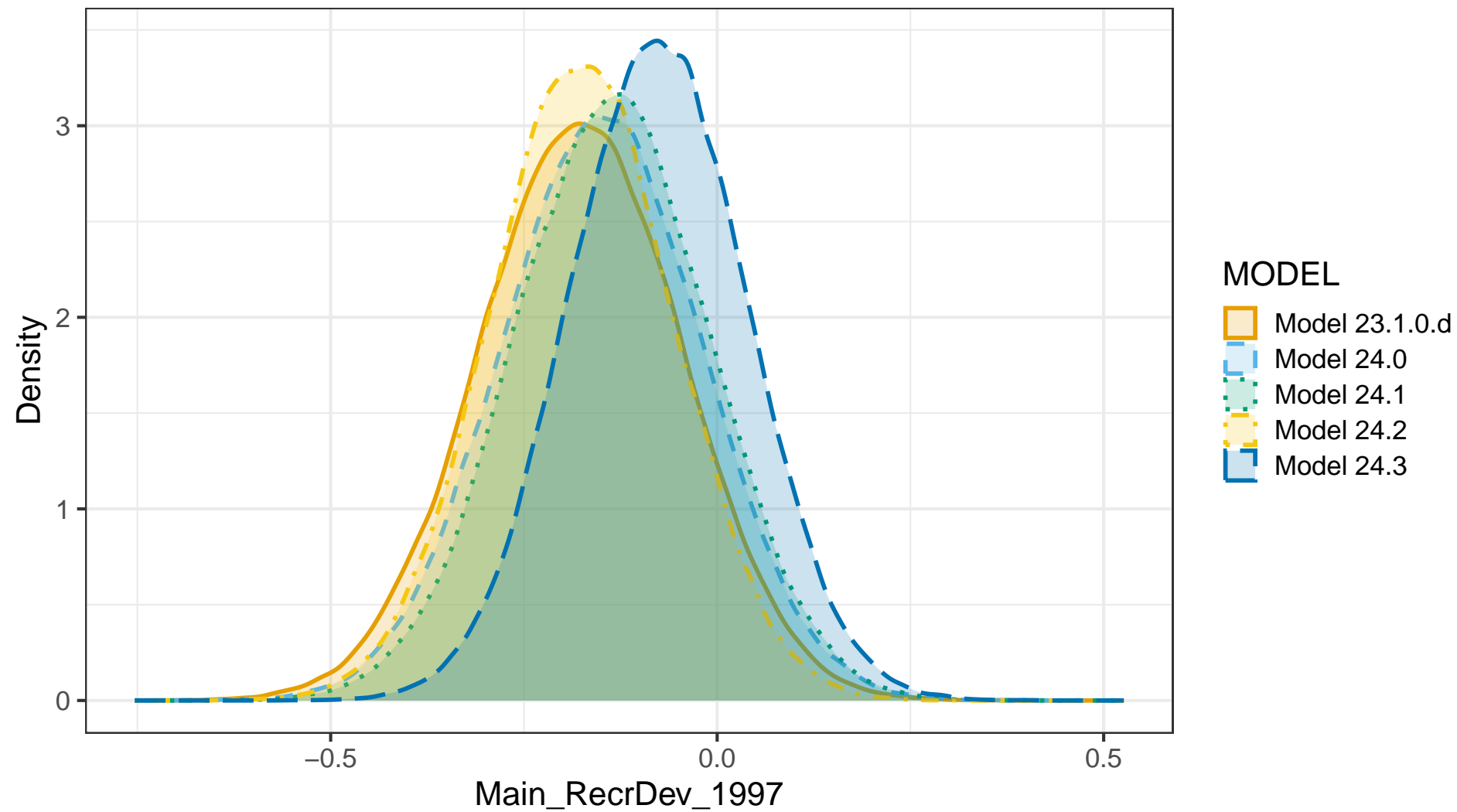
Main\_RecrDev\_1995



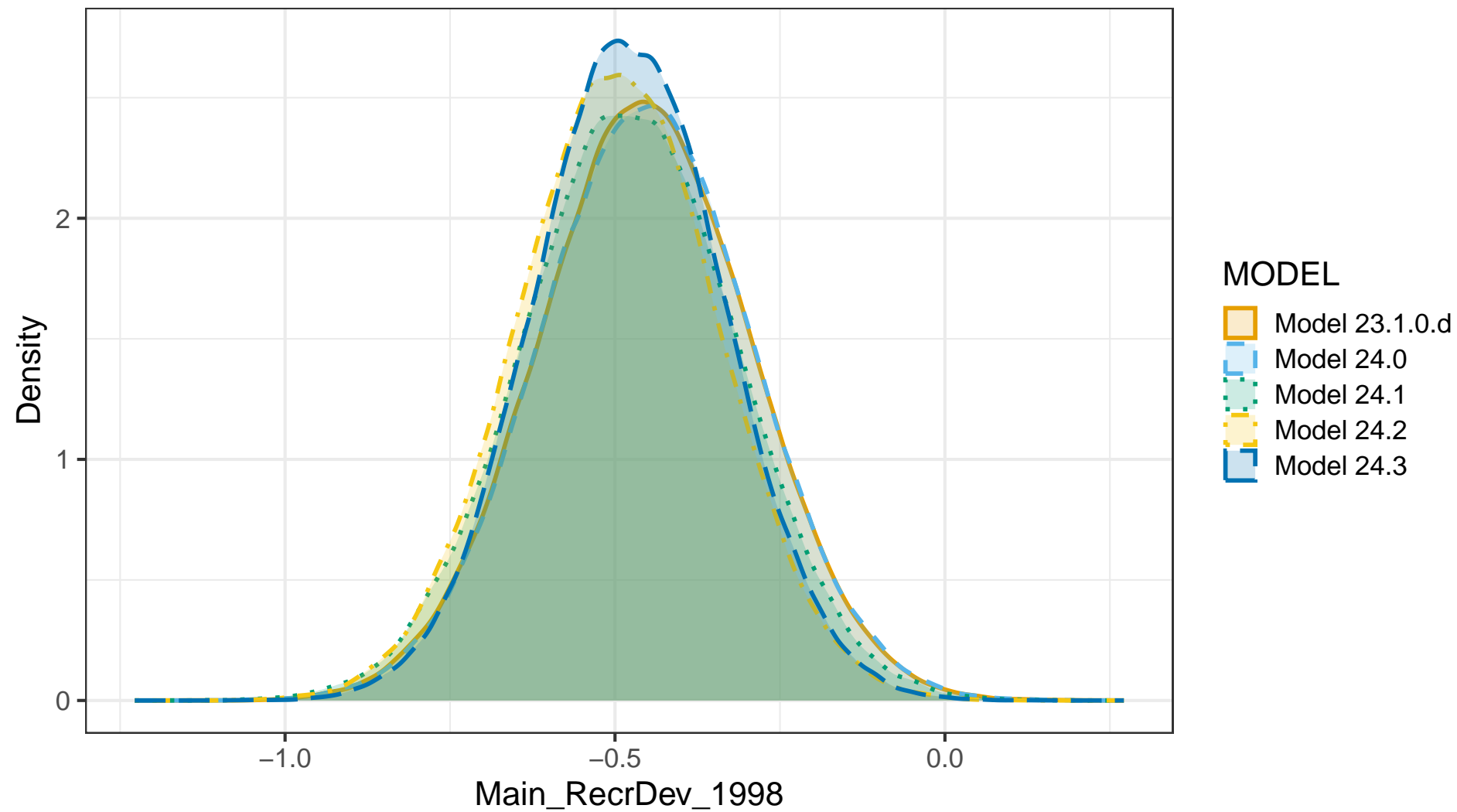
Main\_RecrDev\_1996



Main\_RecrDev\_1997

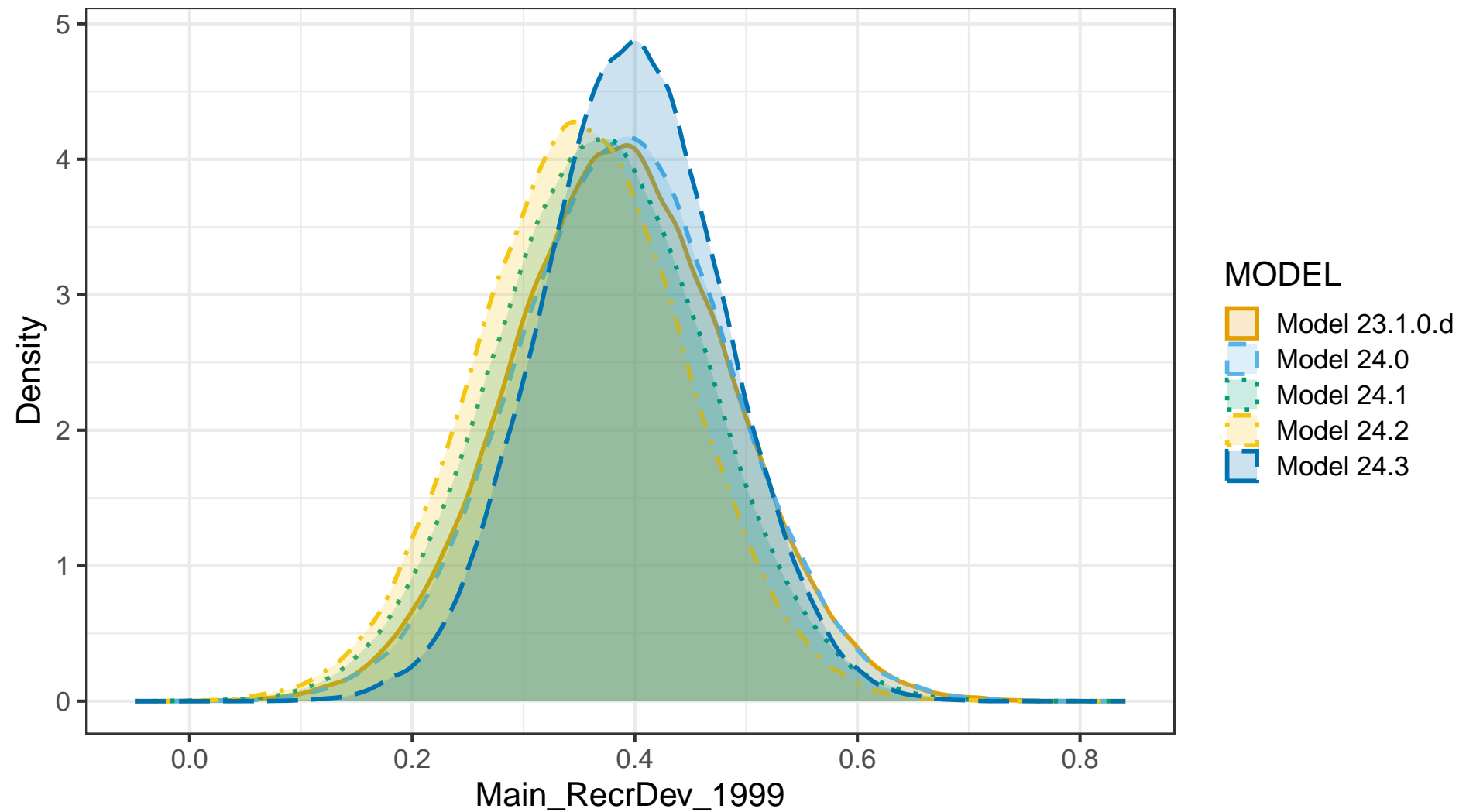


Main\_RecrDev\_1998

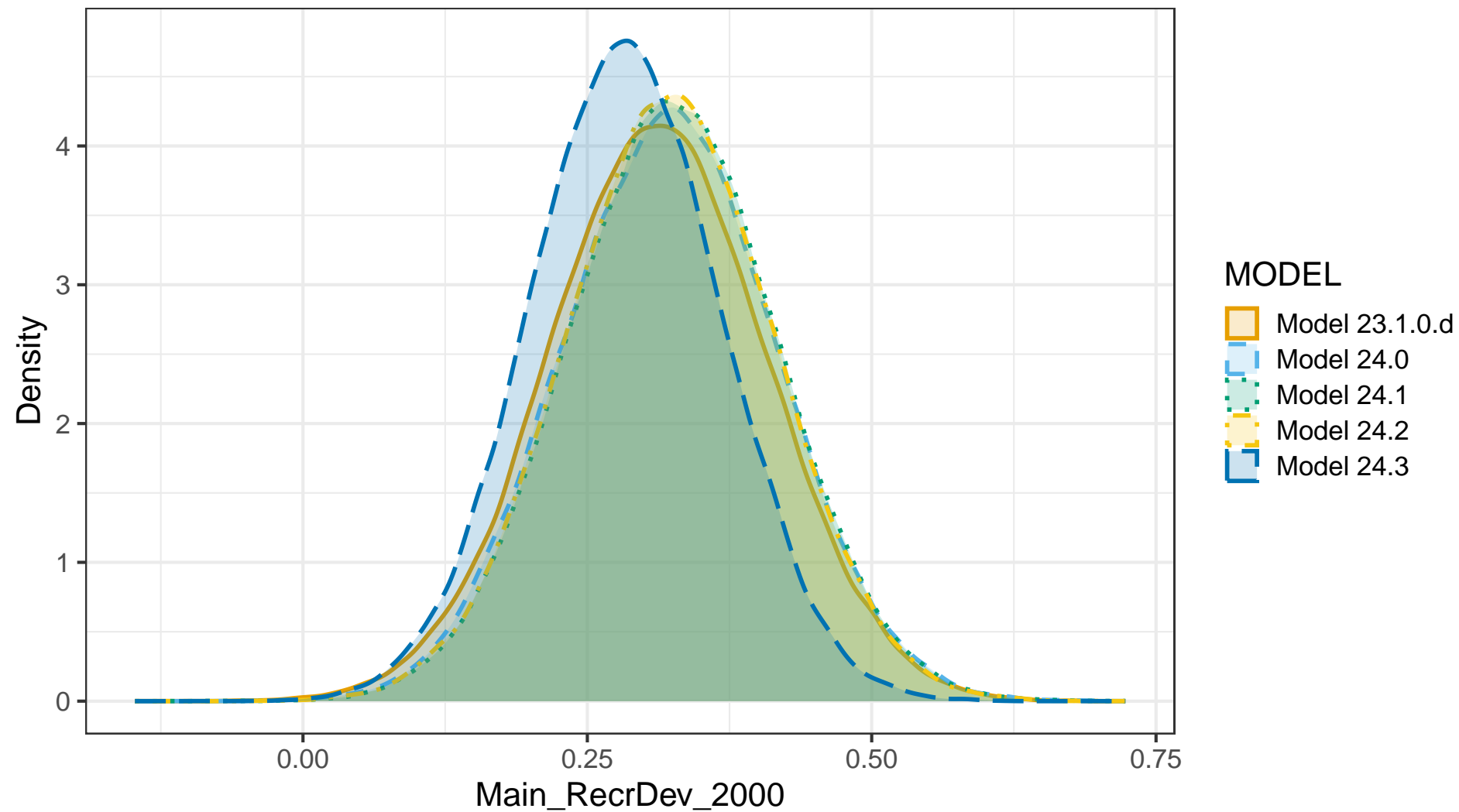




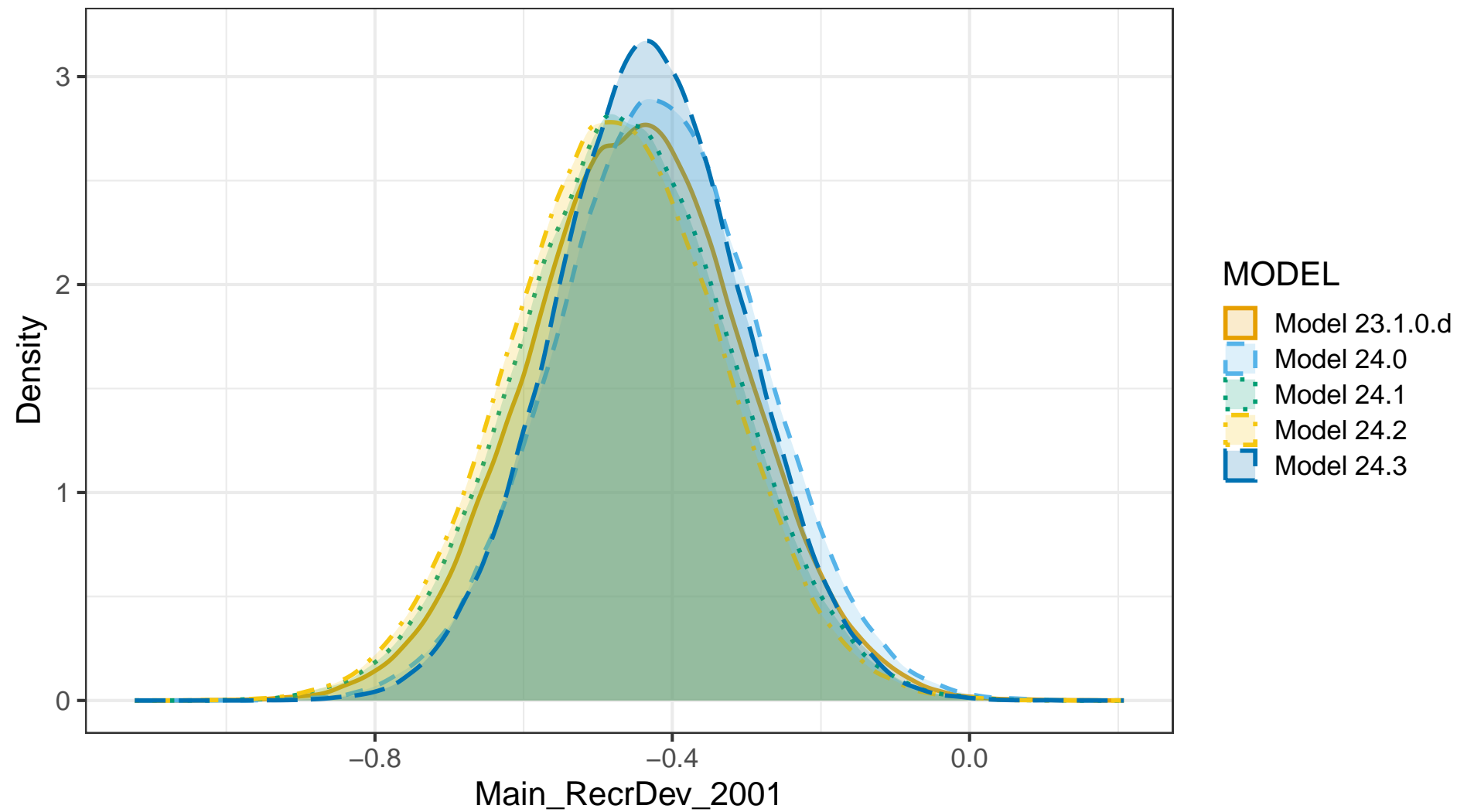
Main\_RecrDev\_1999



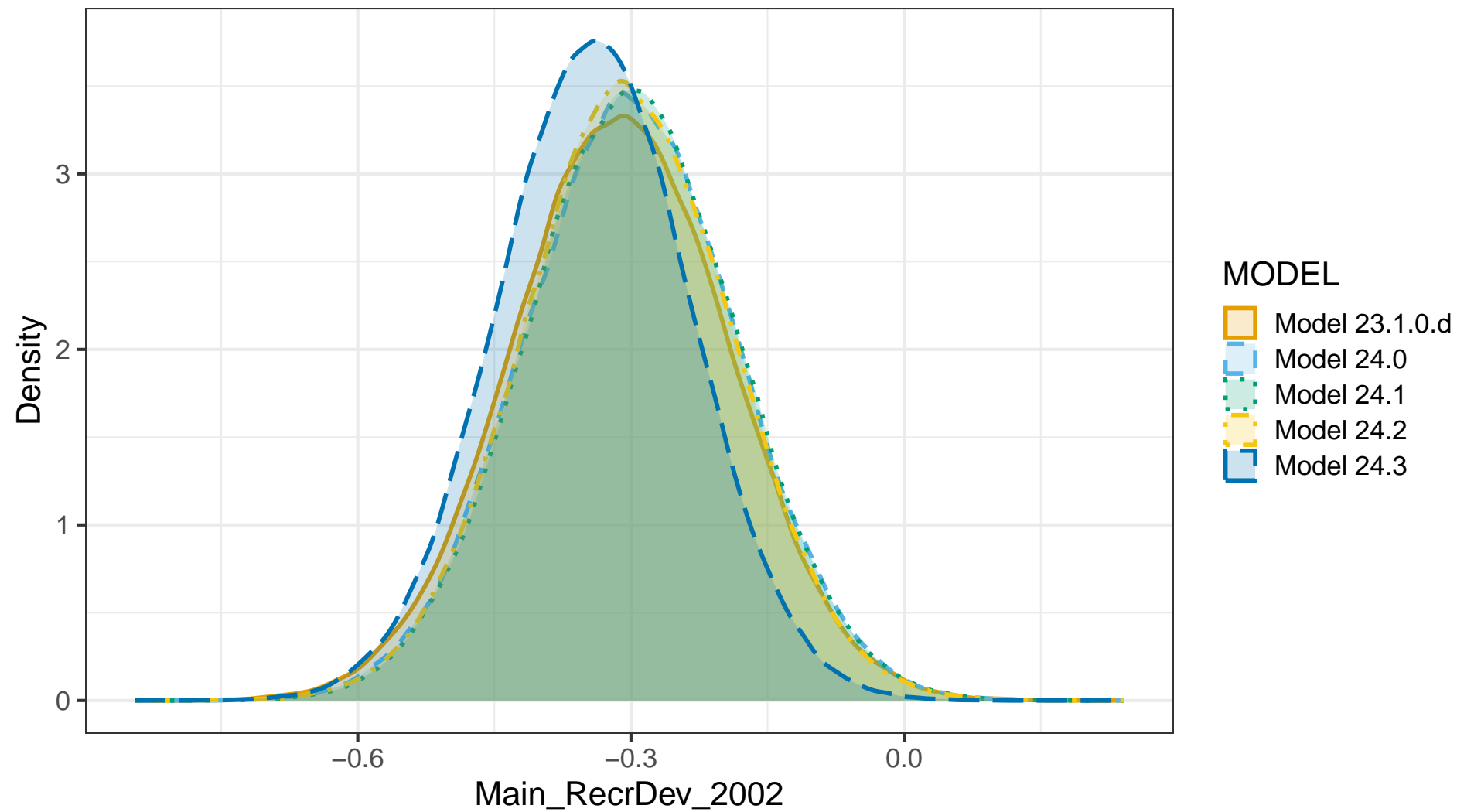
Main\_RecrDev\_2000



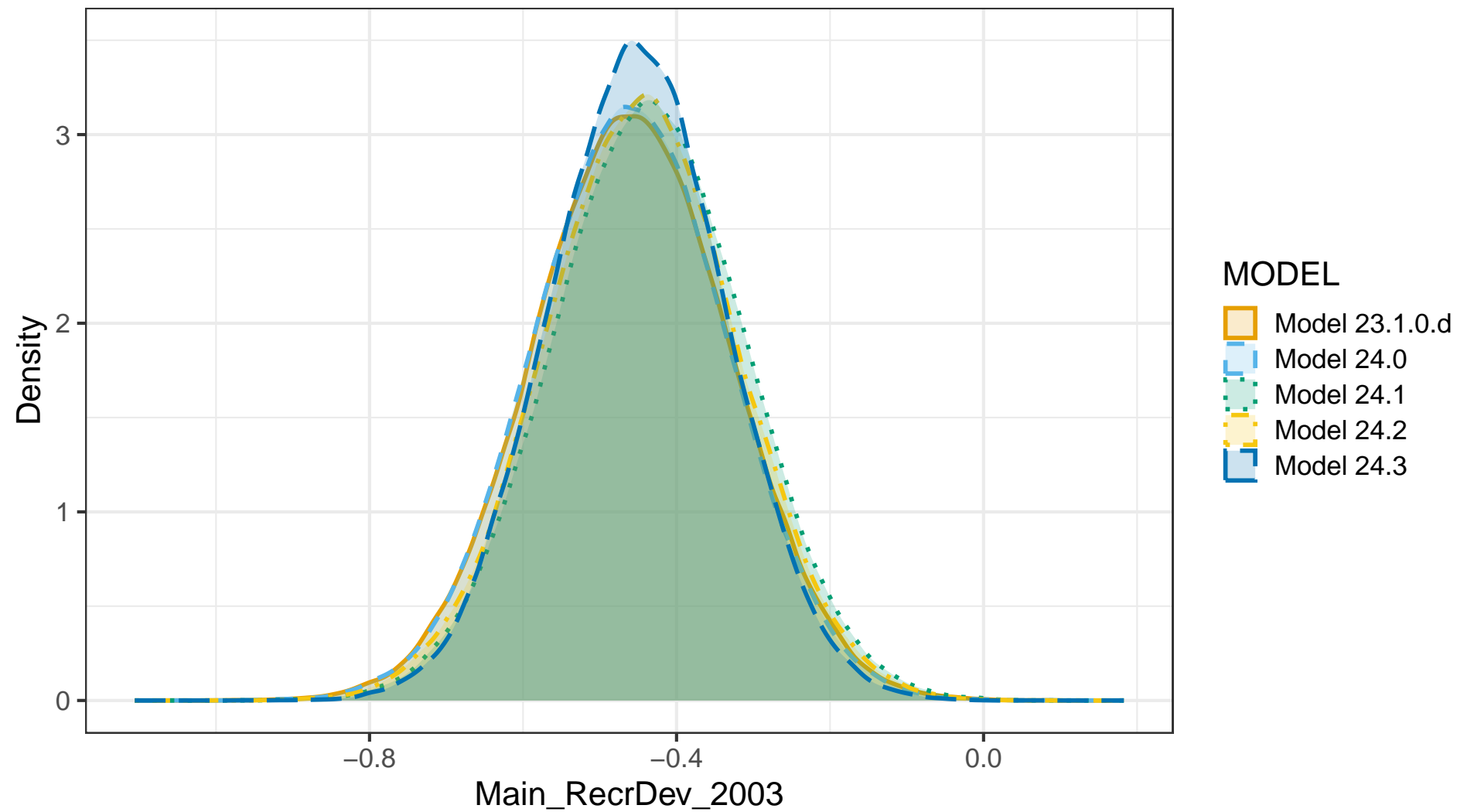
Main\_RecrDev\_2001



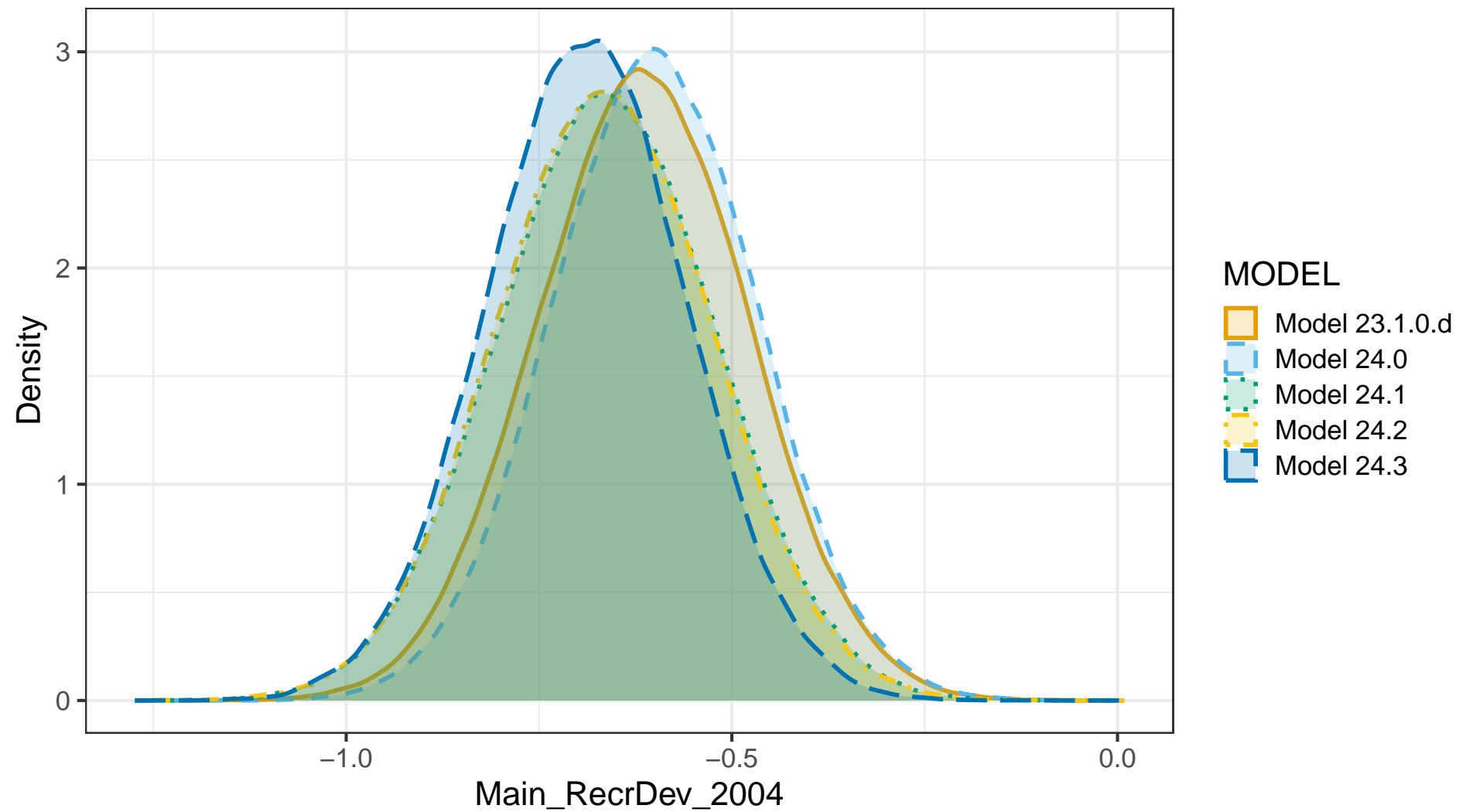
Main\_RecrDev\_2002



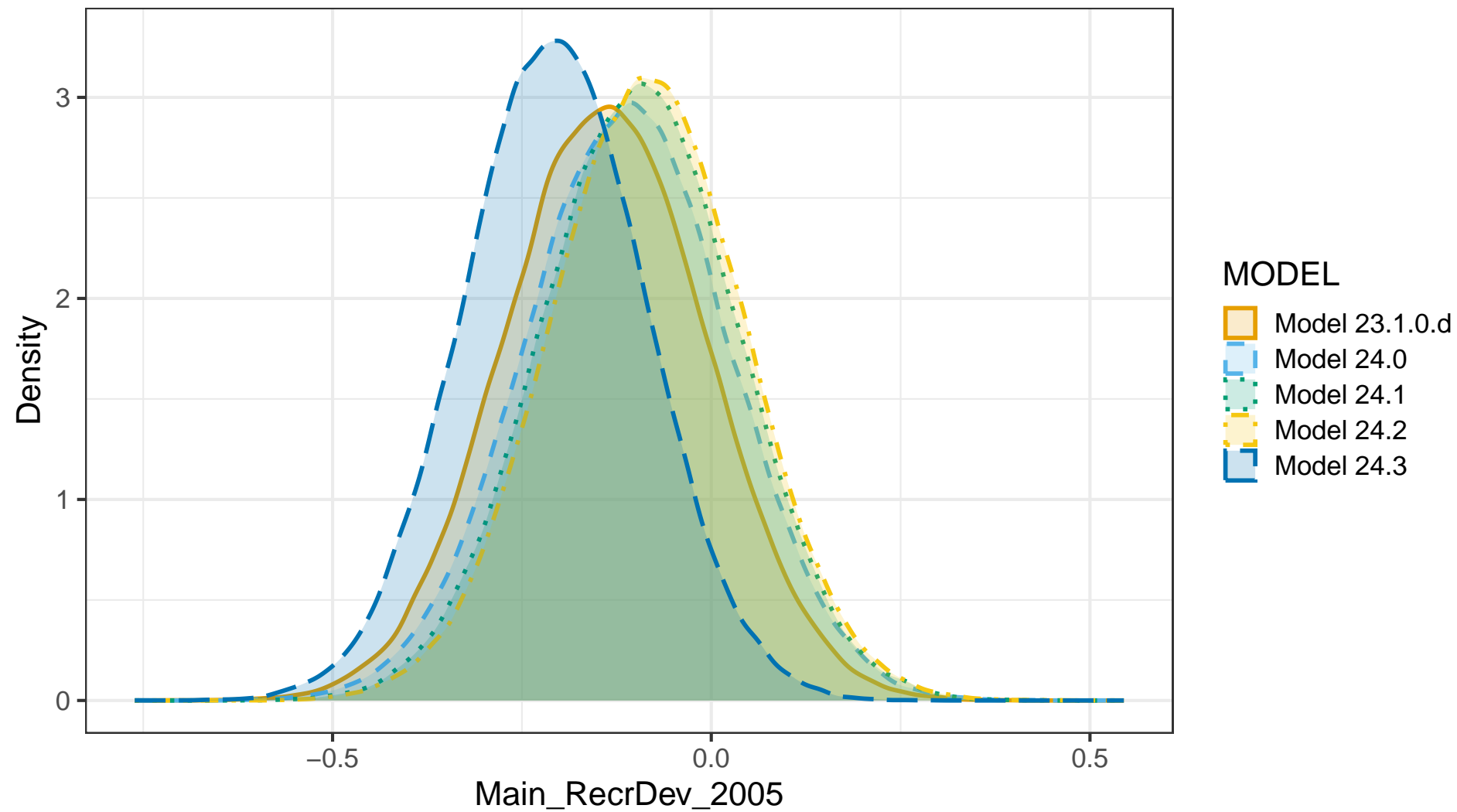
# Main\_RecrDev\_2003



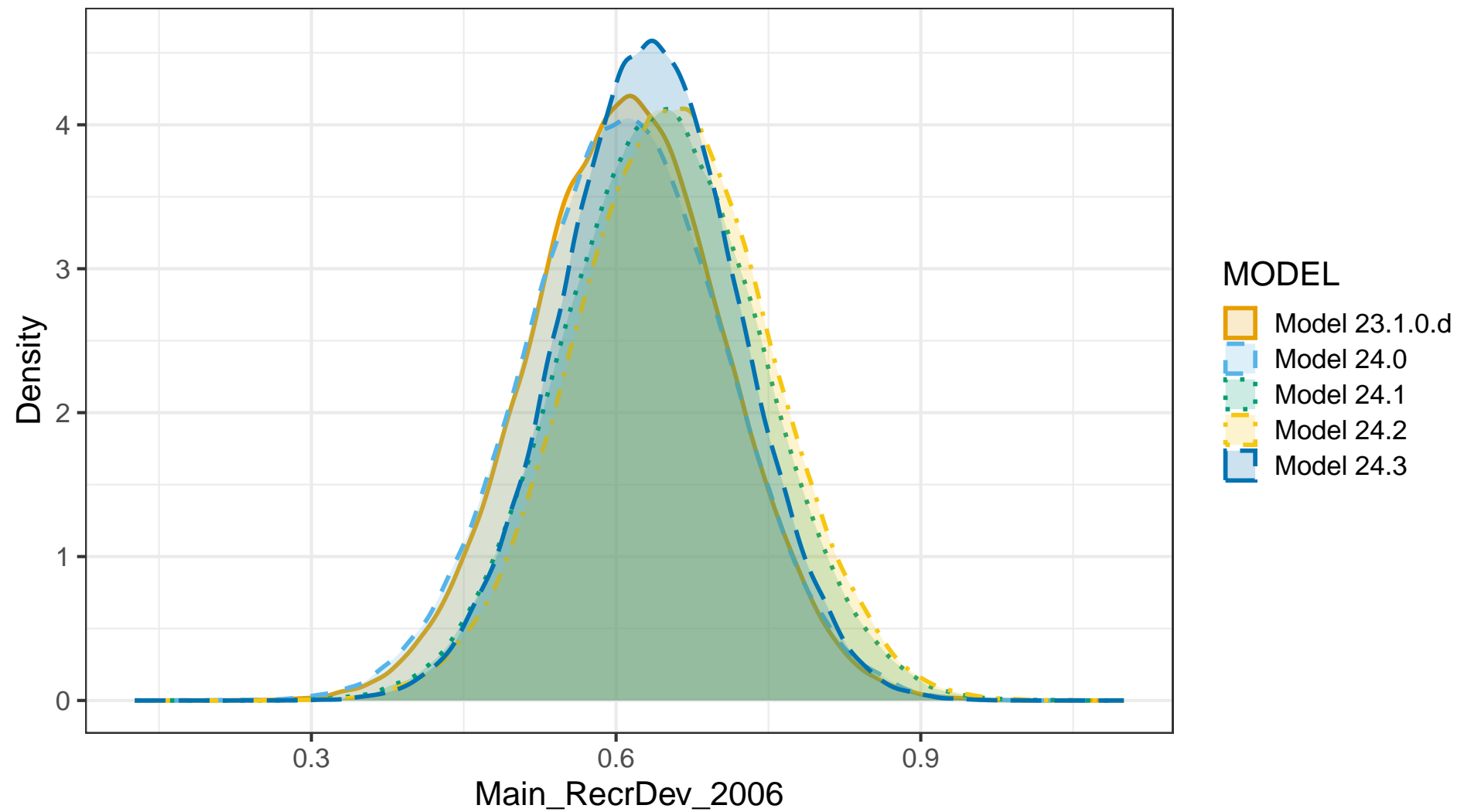
Main\_RecrDev\_2004



Main\_RecrDev\_2005

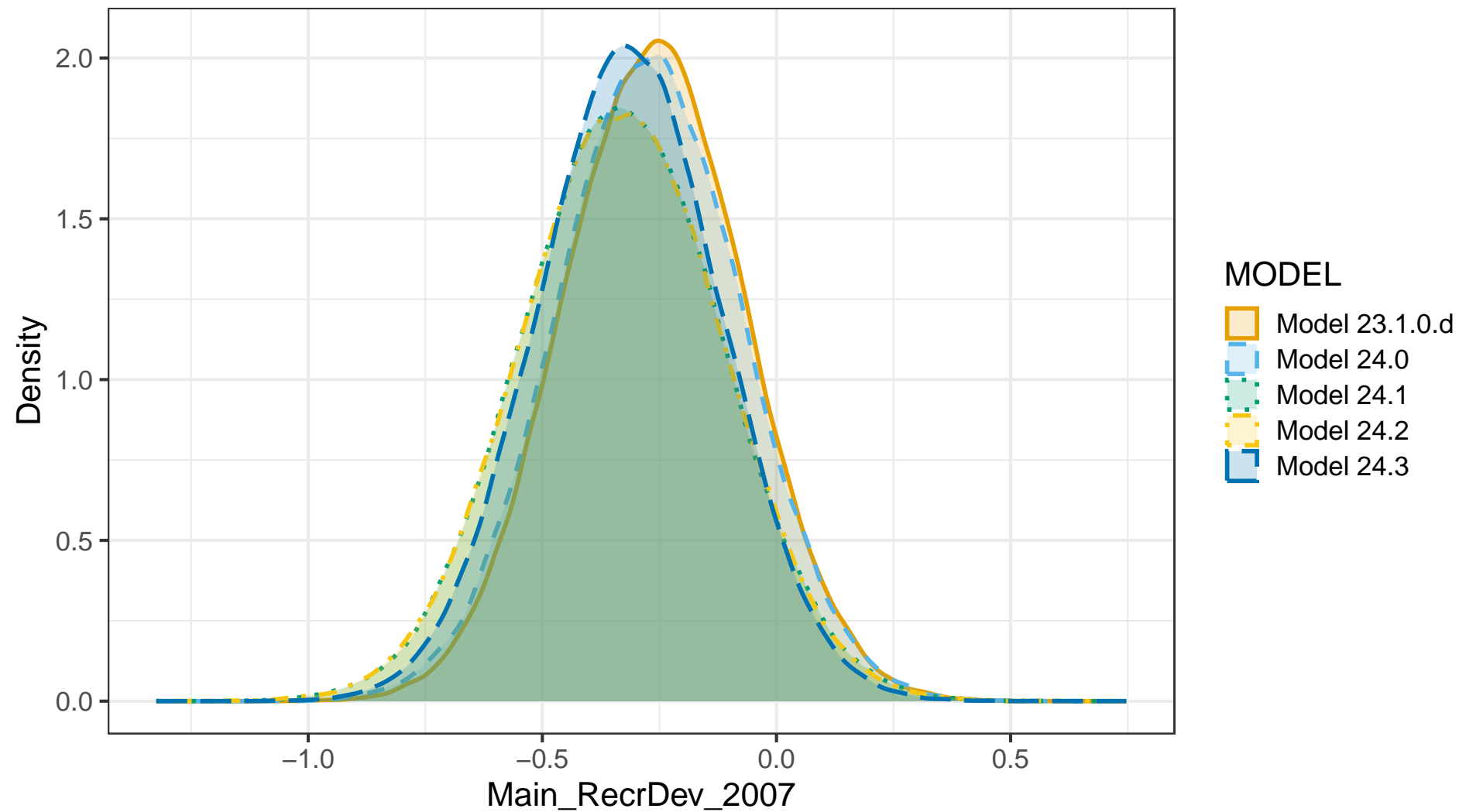


Main\_RecrDev\_2006

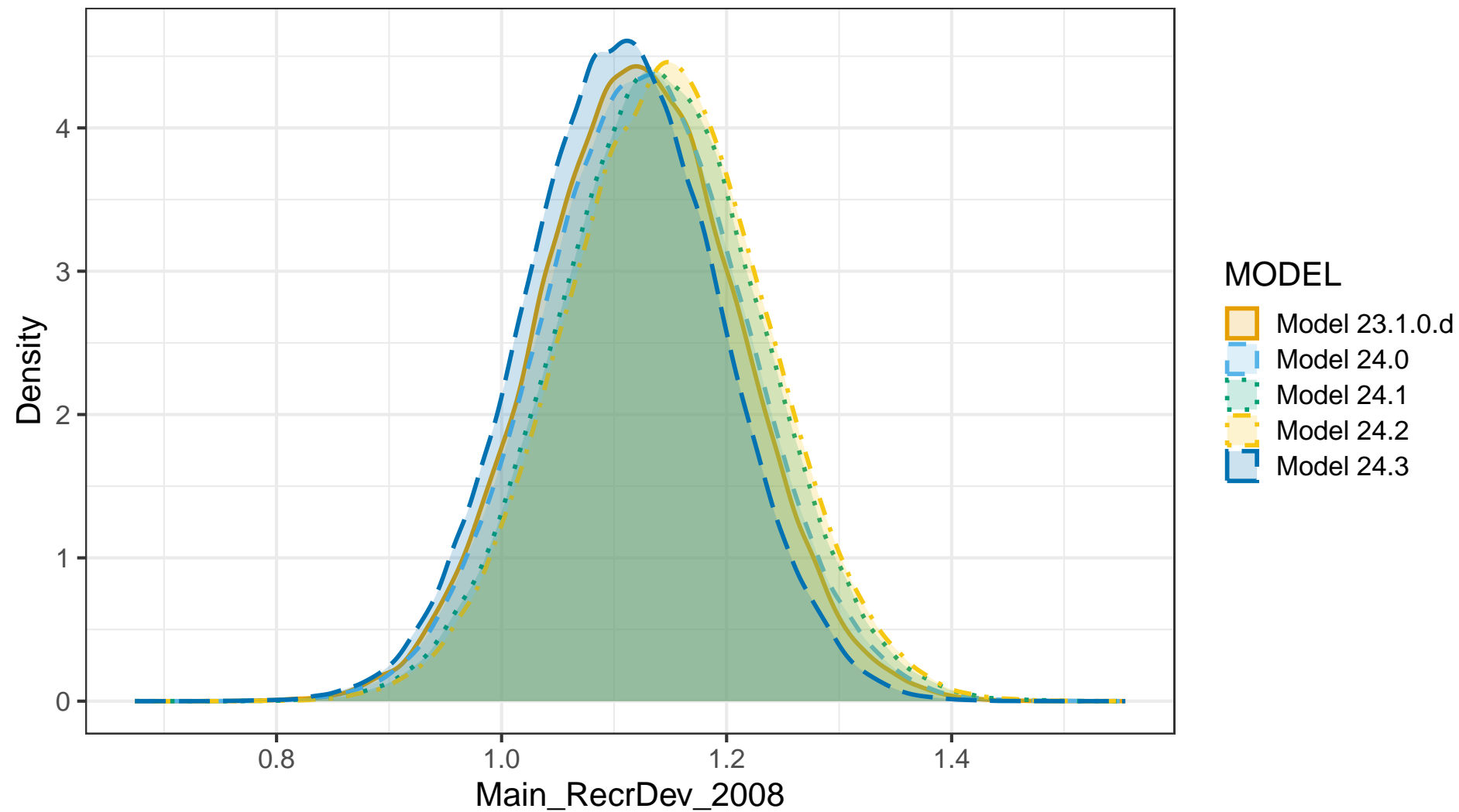




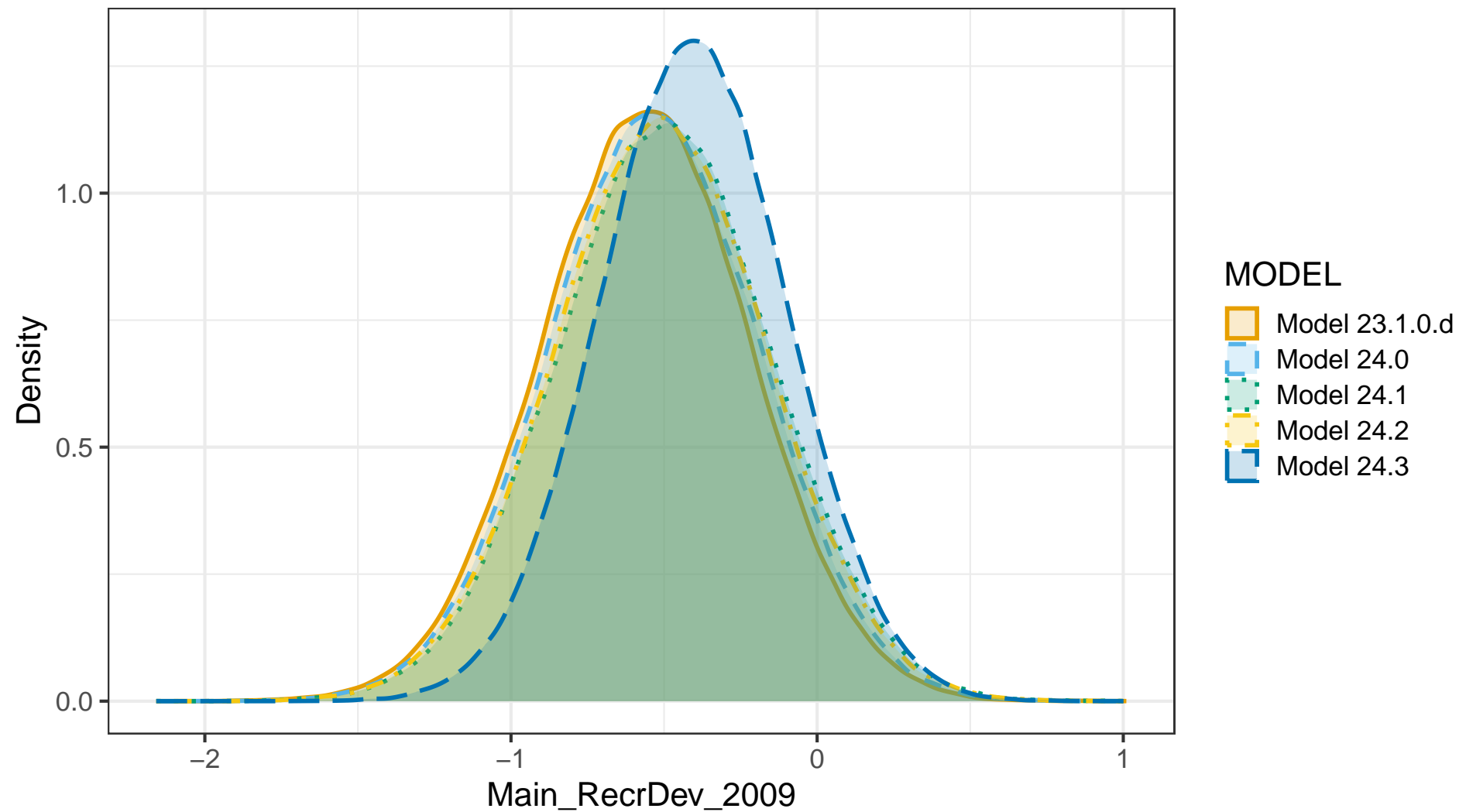
Main\_RecrDev\_2007



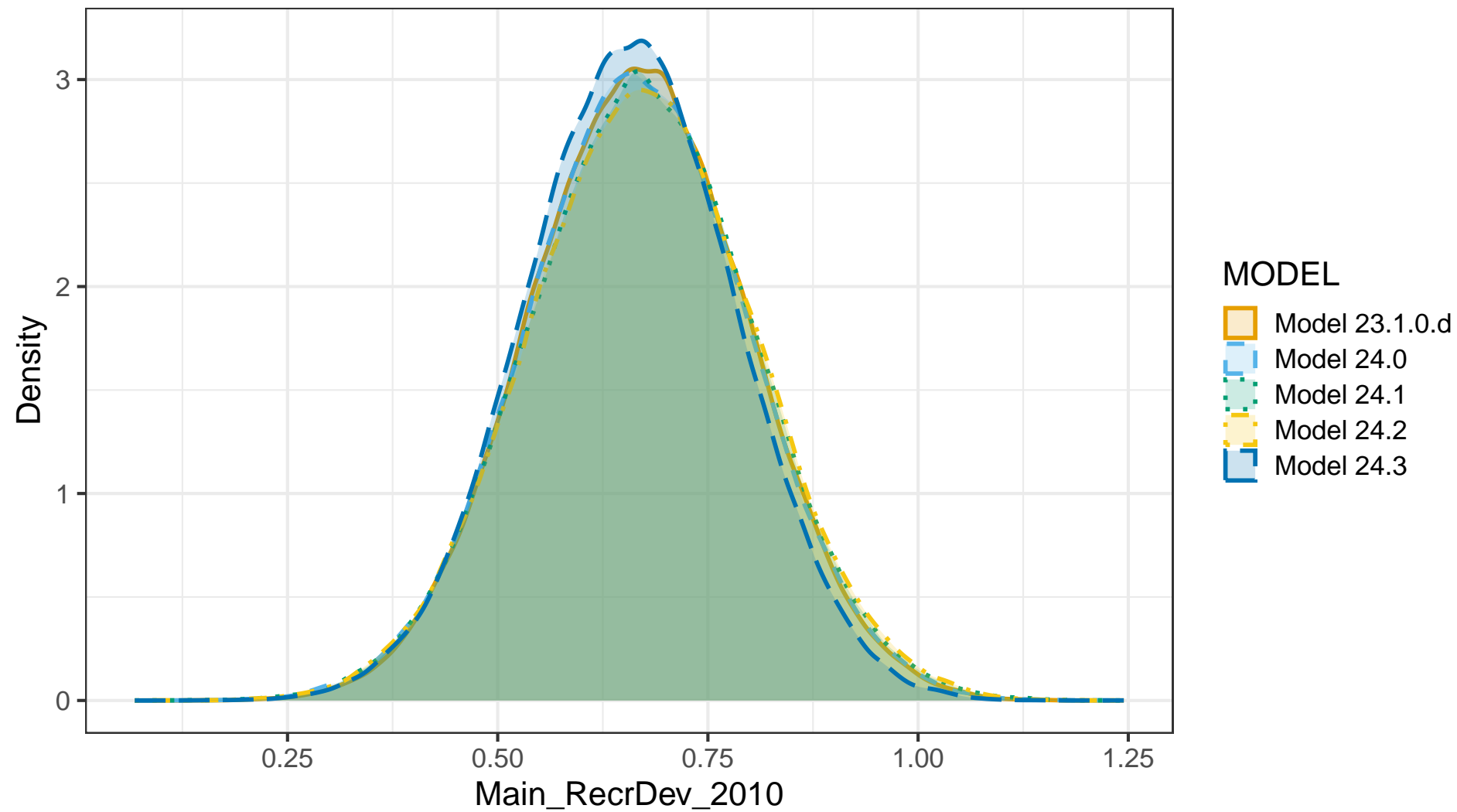
Main\_RecrDev\_2008



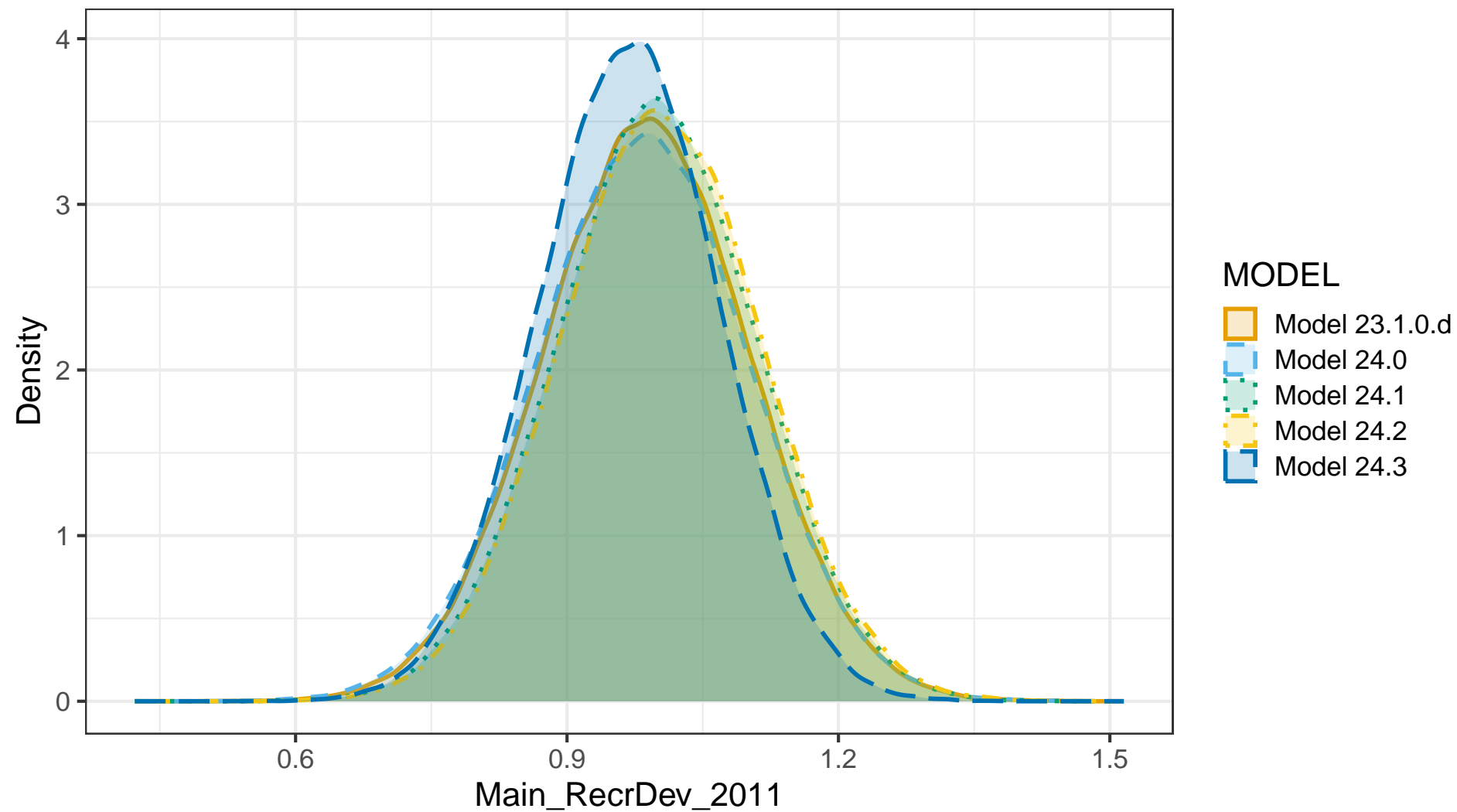
# Main\_RecrDev\_2009



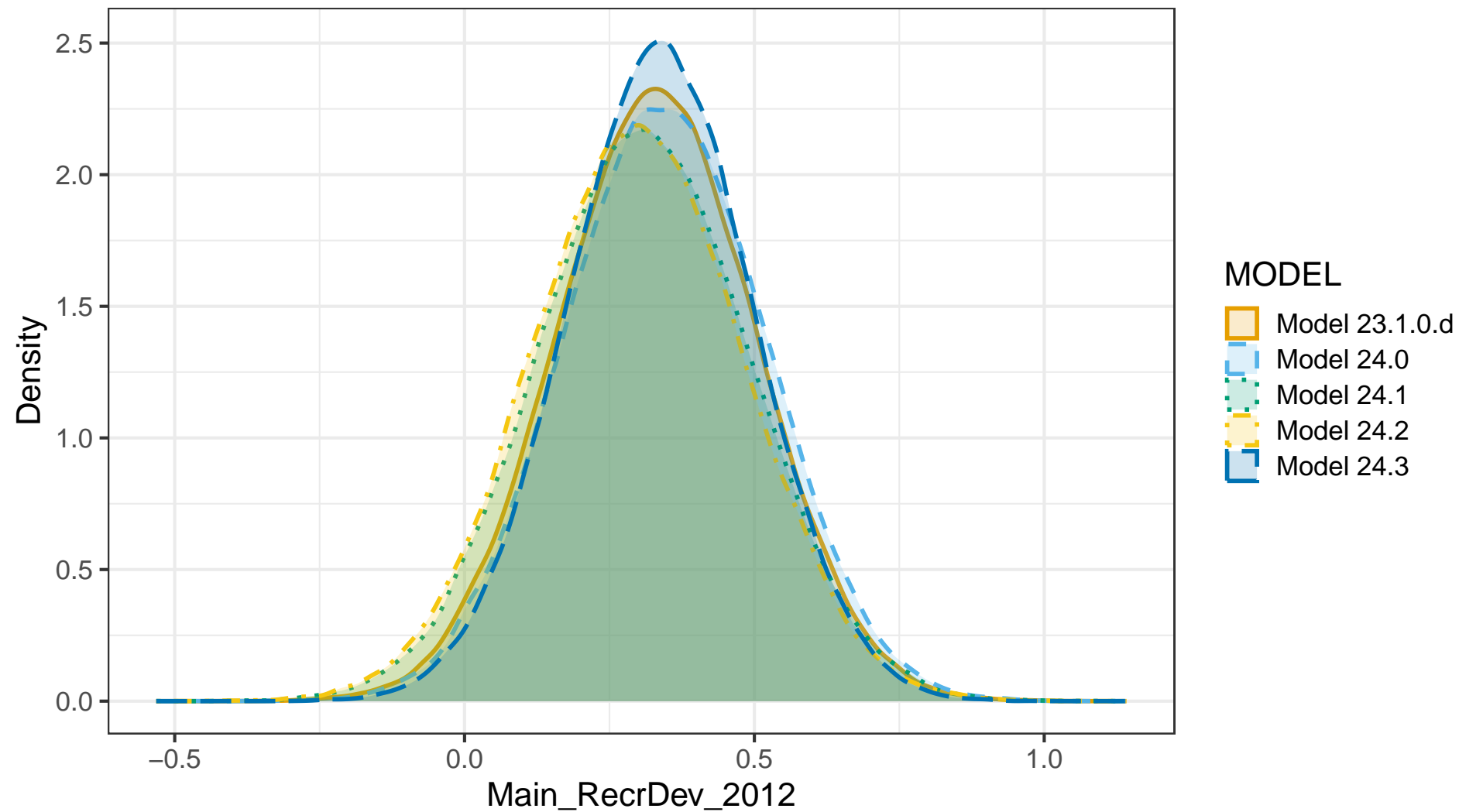
Main\_RecrDev\_2010



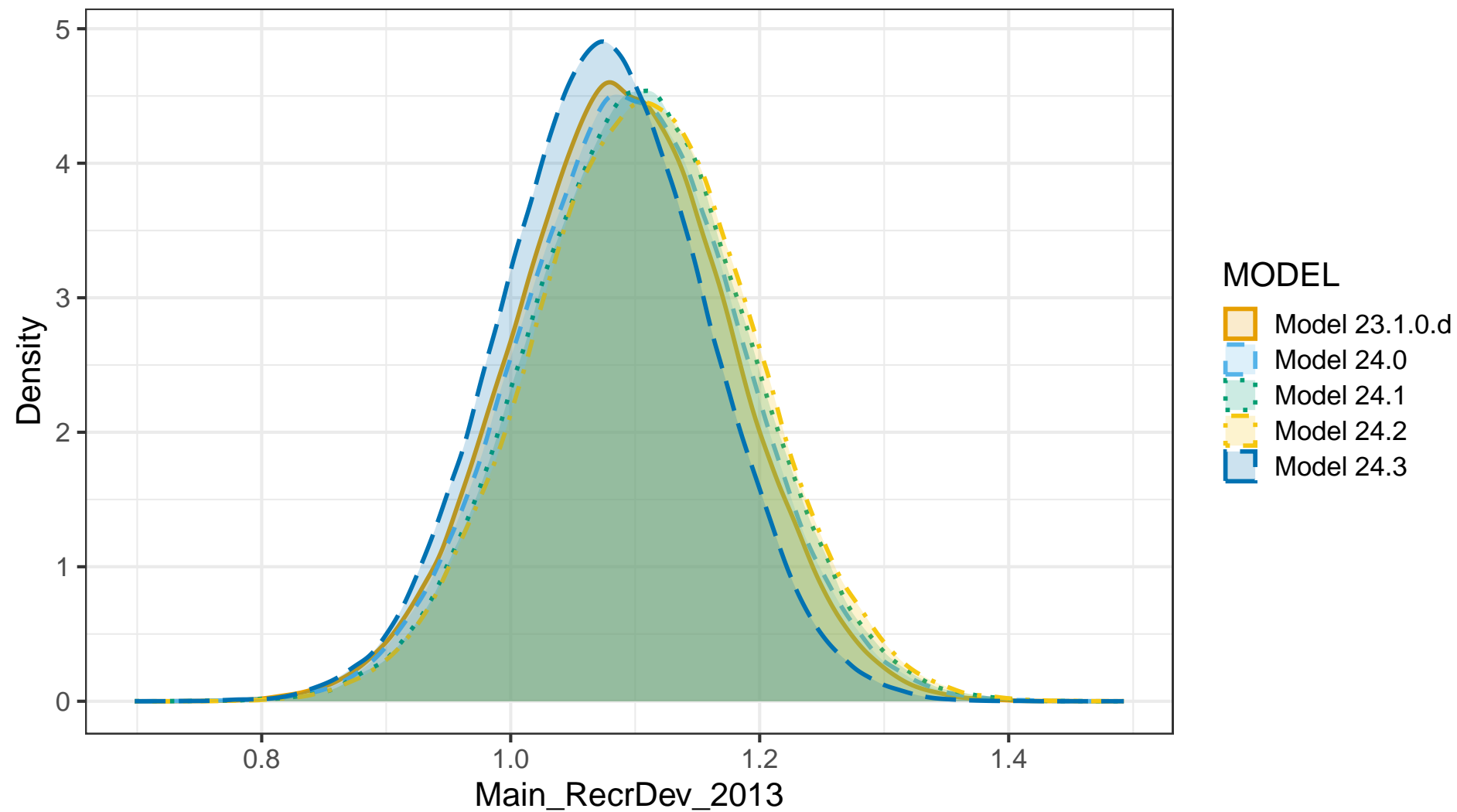
# Main\_RecrDev\_2011



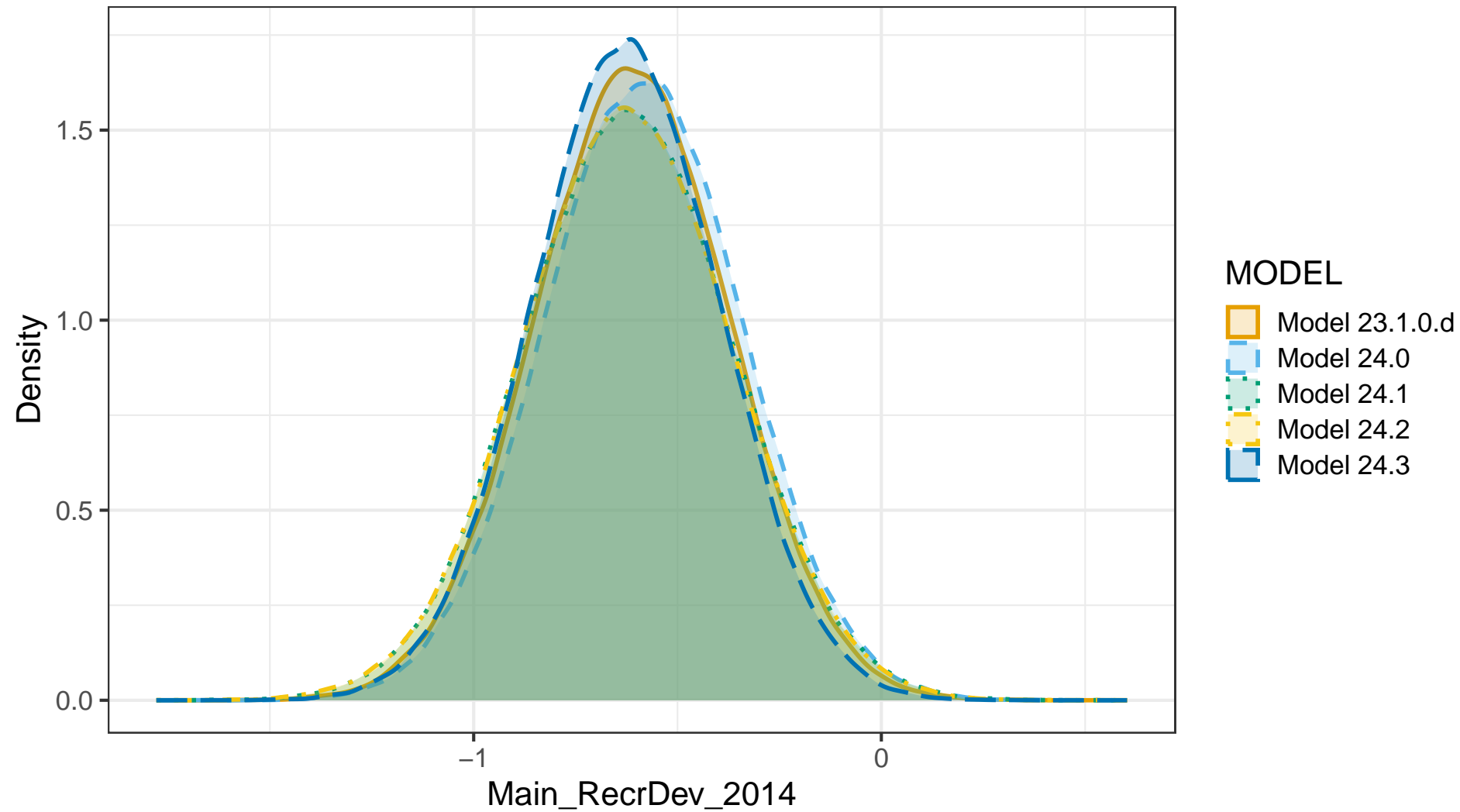
Main\_RecrDev\_2012



Main\_RecrDev\_2013

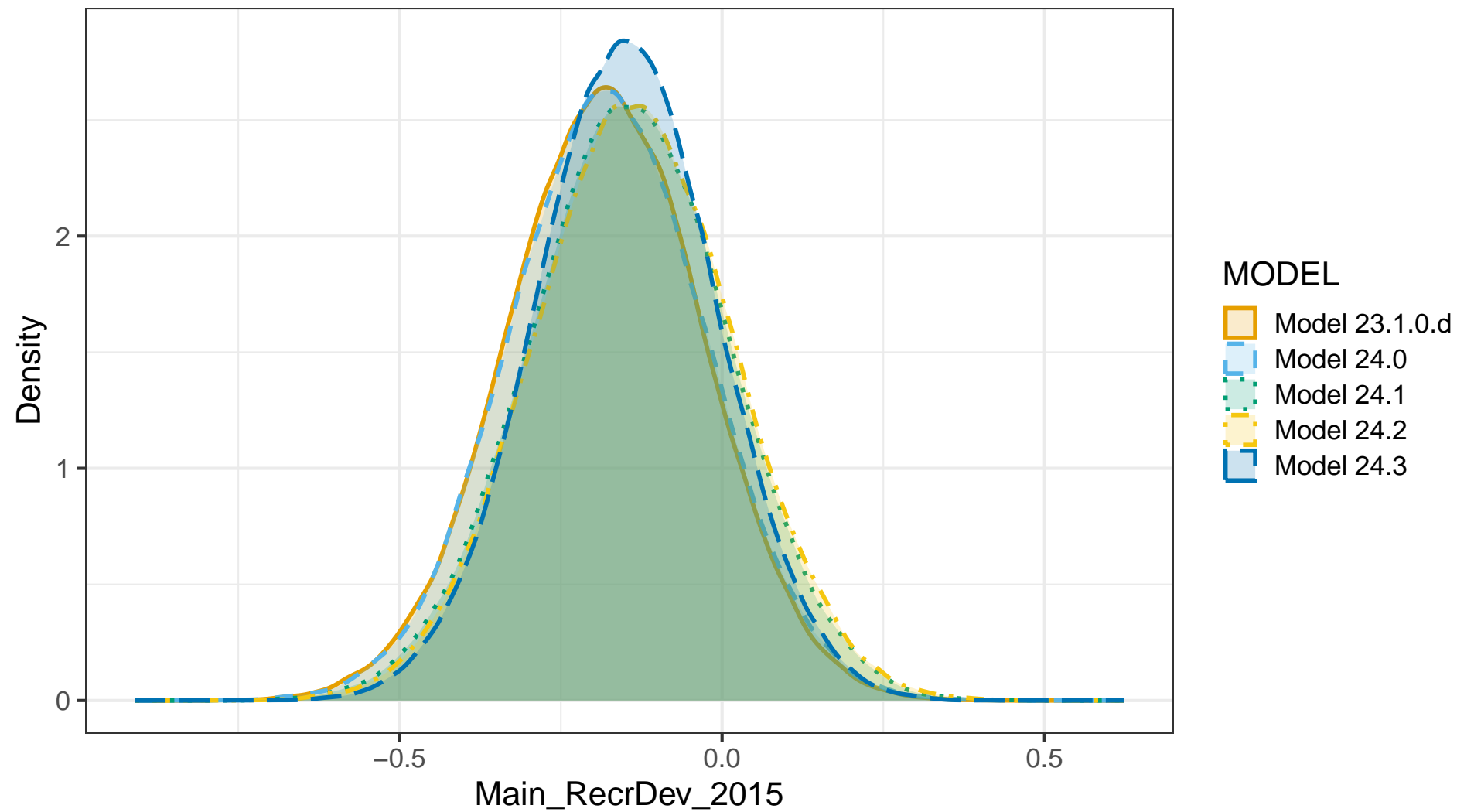


# Main\_RecrDev\_2014

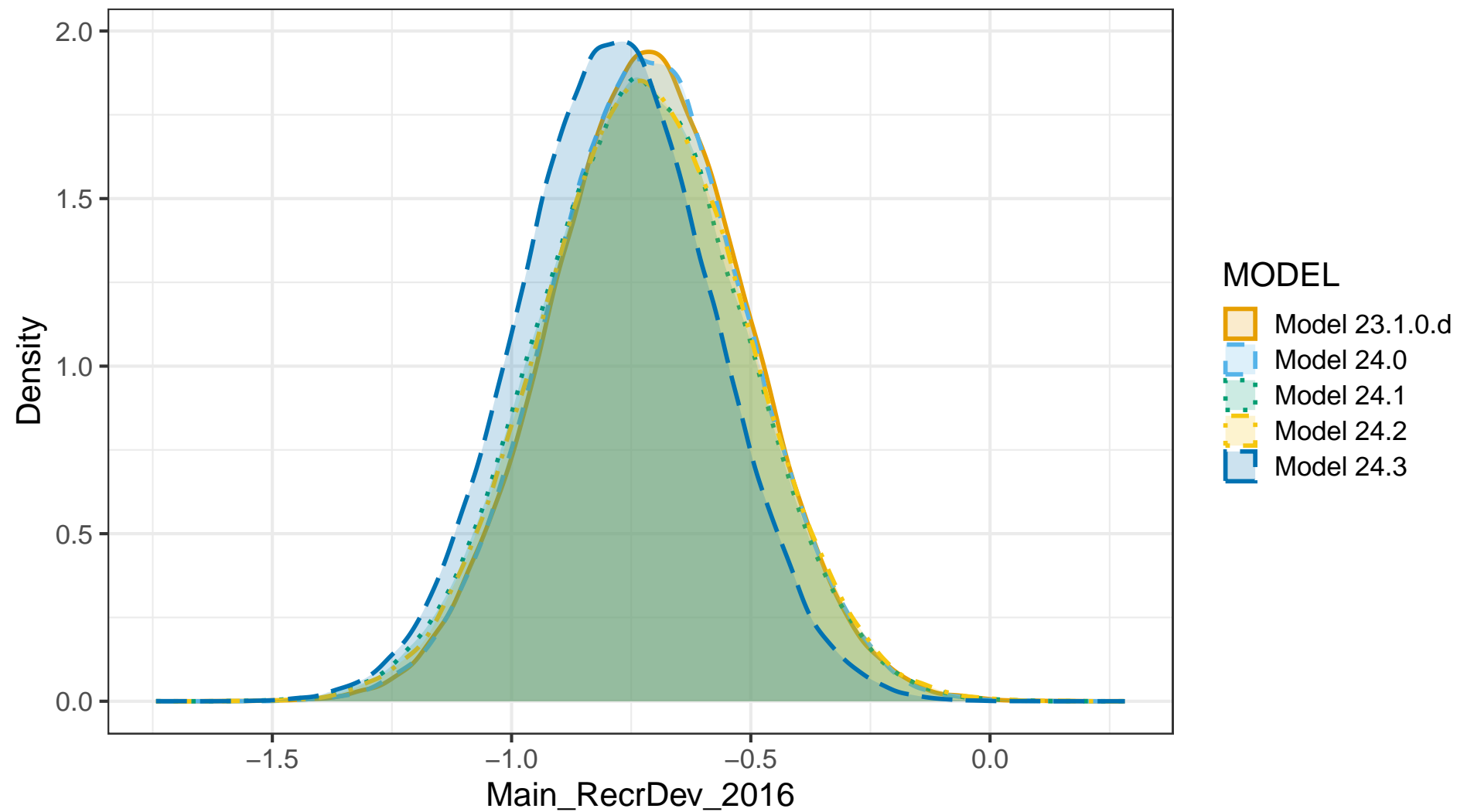




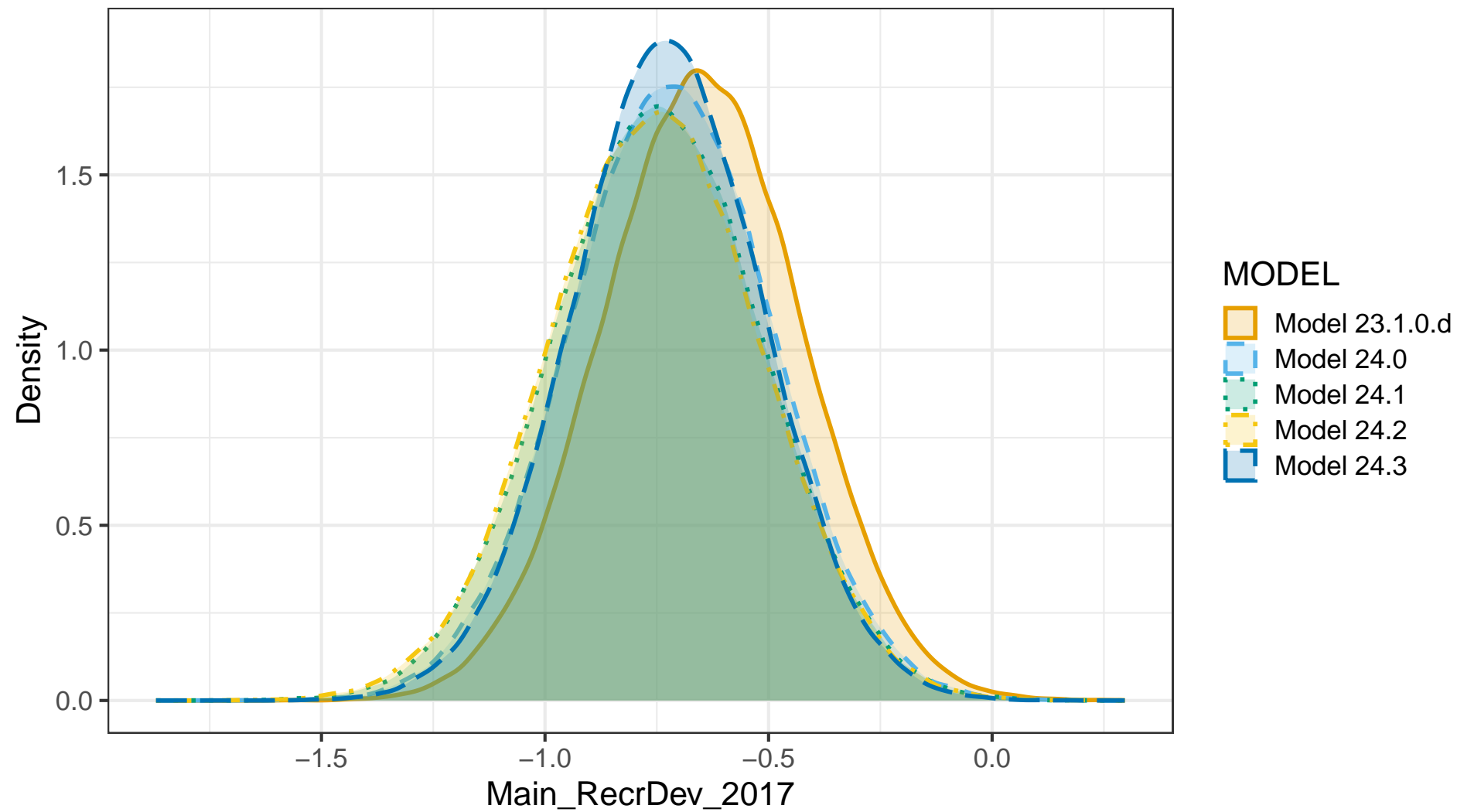
Main\_RecrDev\_2015



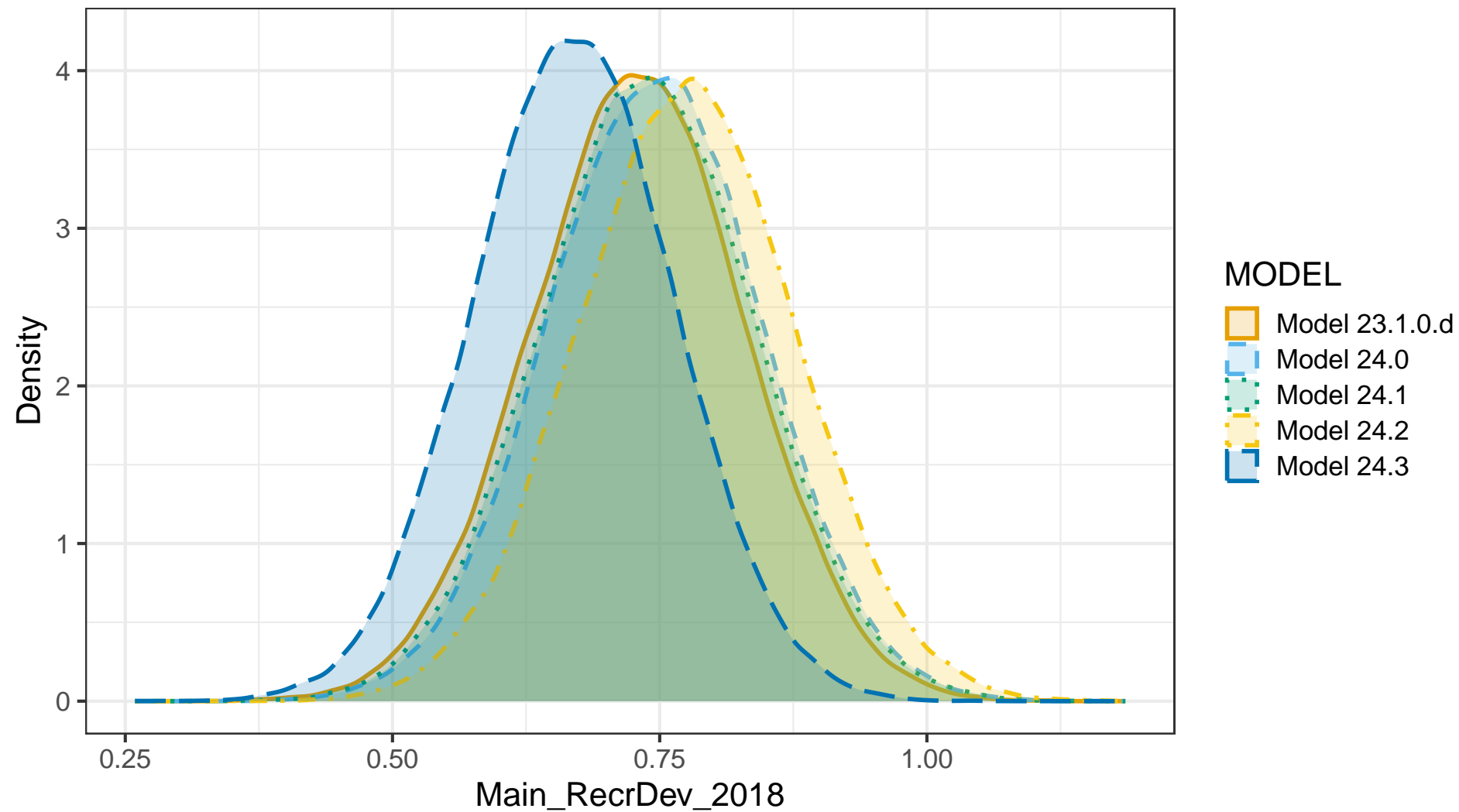
# Main\_RecrDev\_2016



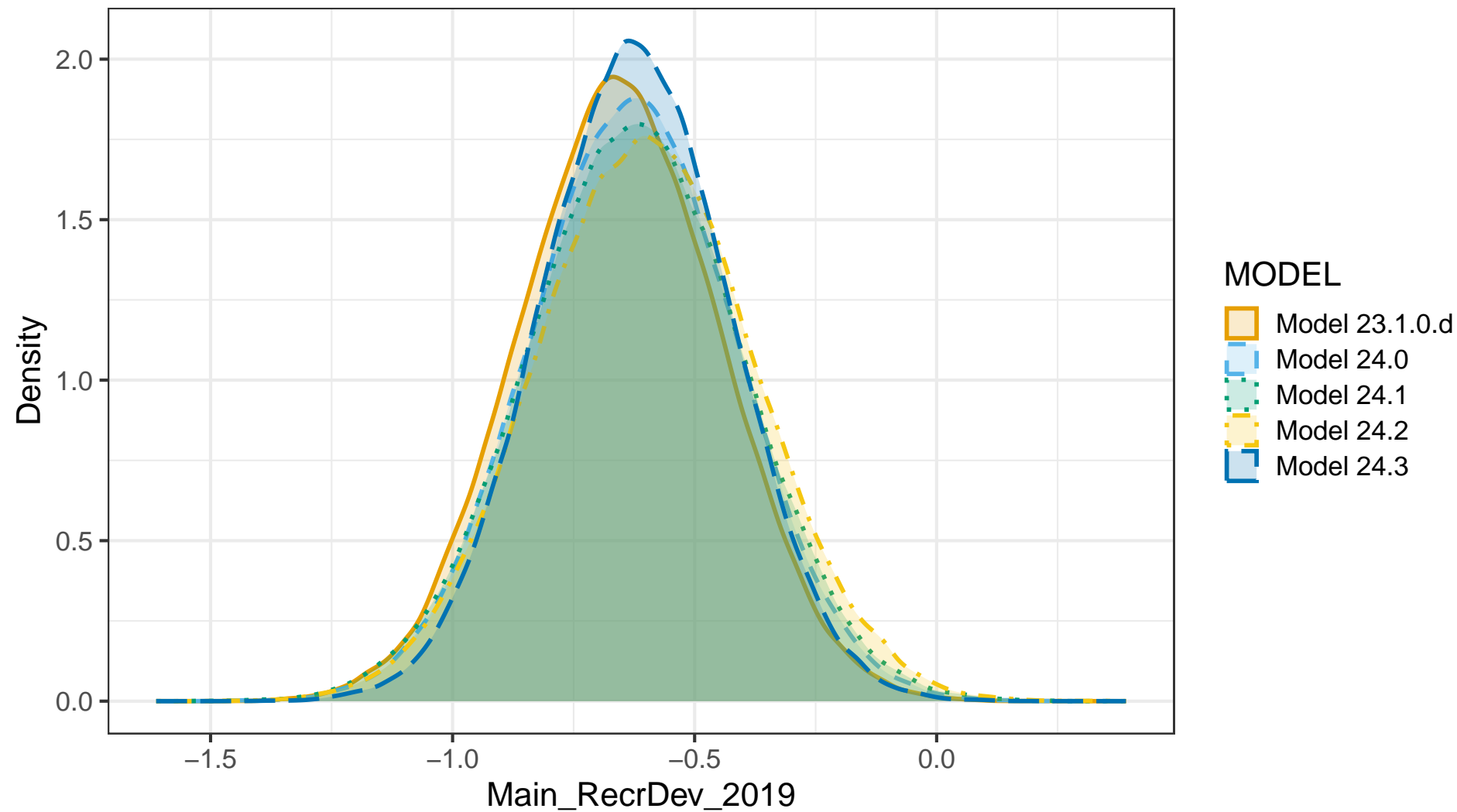
Main\_RecrDev\_2017



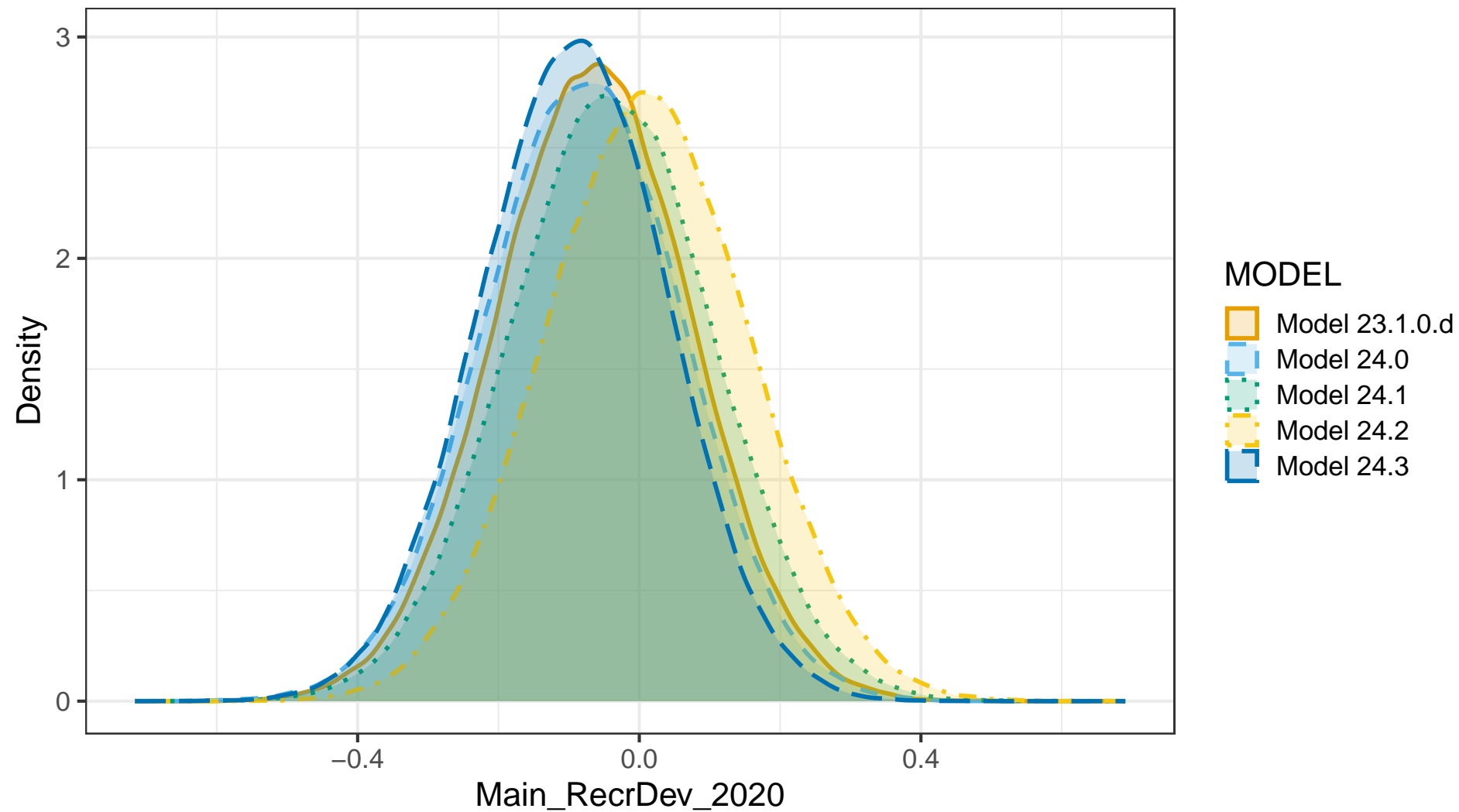
Main\_RecrDev\_2018



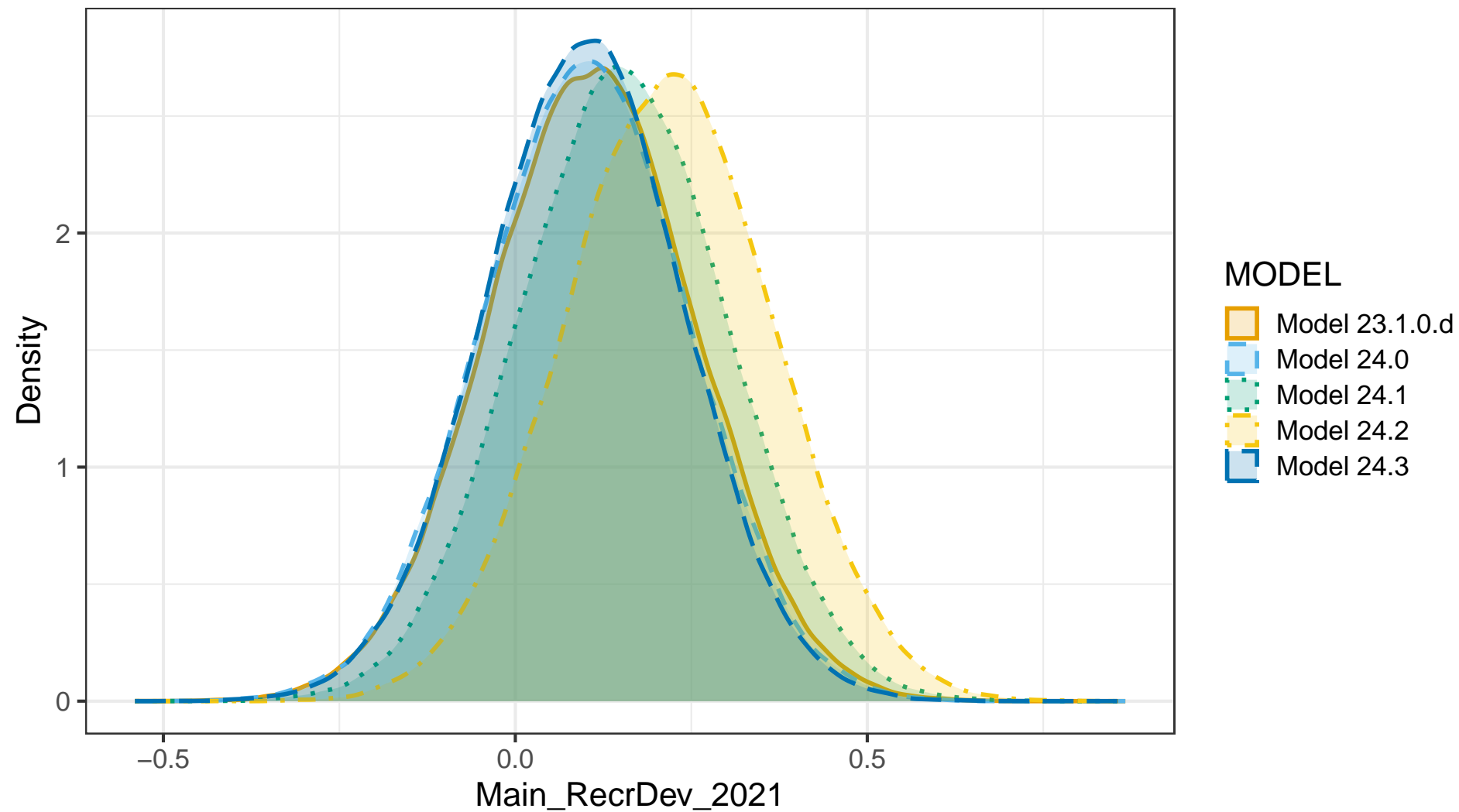
# Main\_RecrDev\_2019



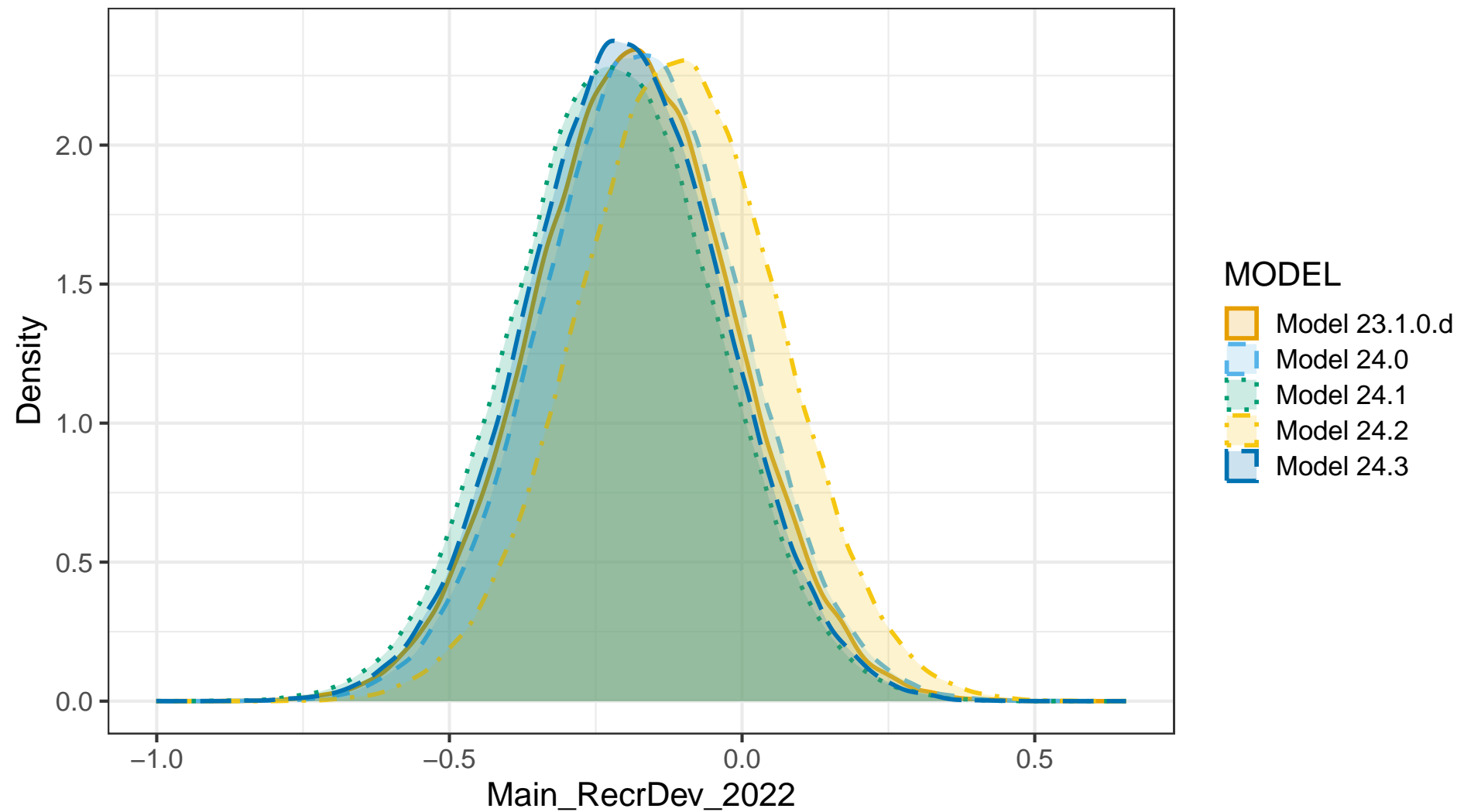
Main\_RecrDev\_2020



# Main\_RecrDev\_2021

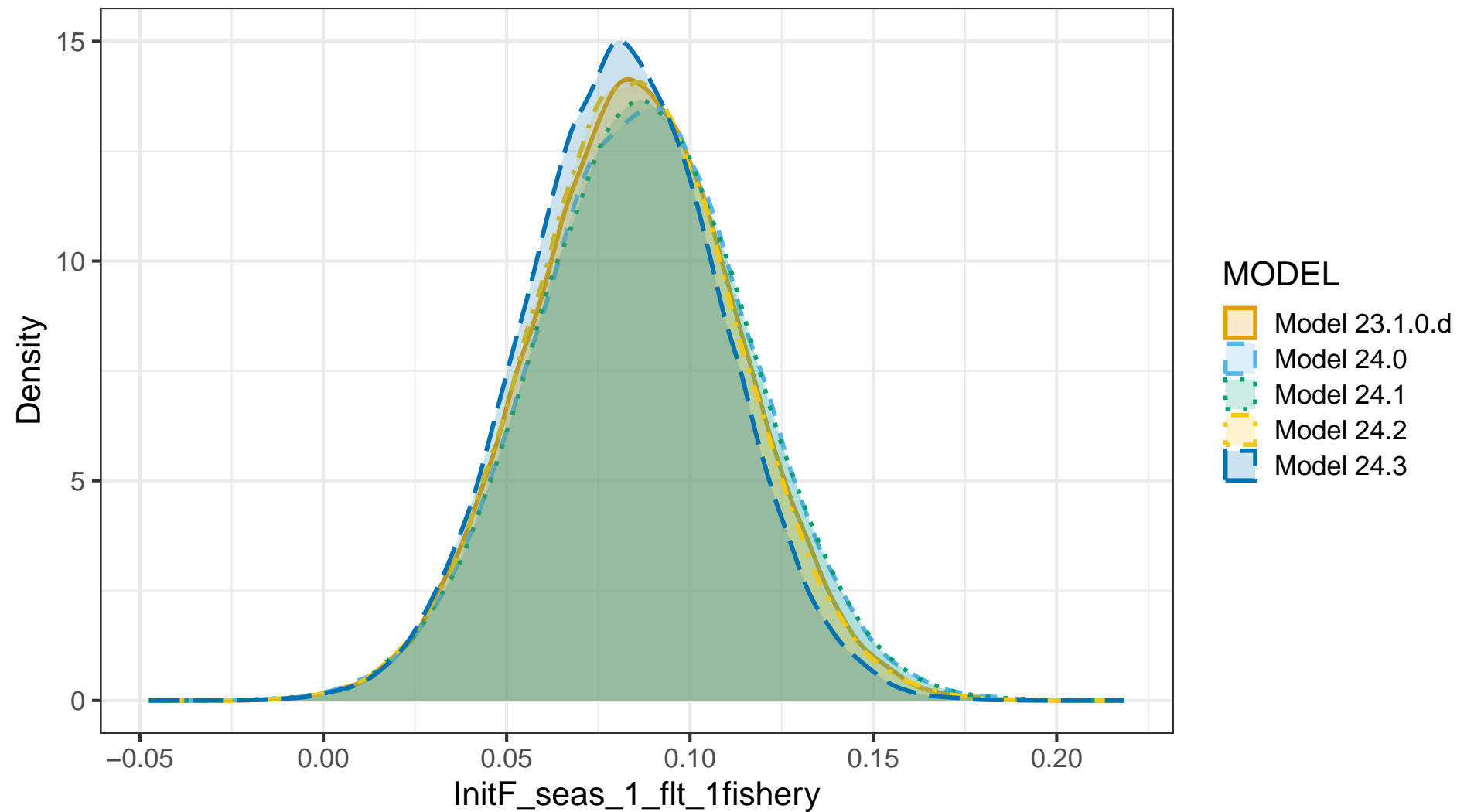


Main\_RecrDev\_2022

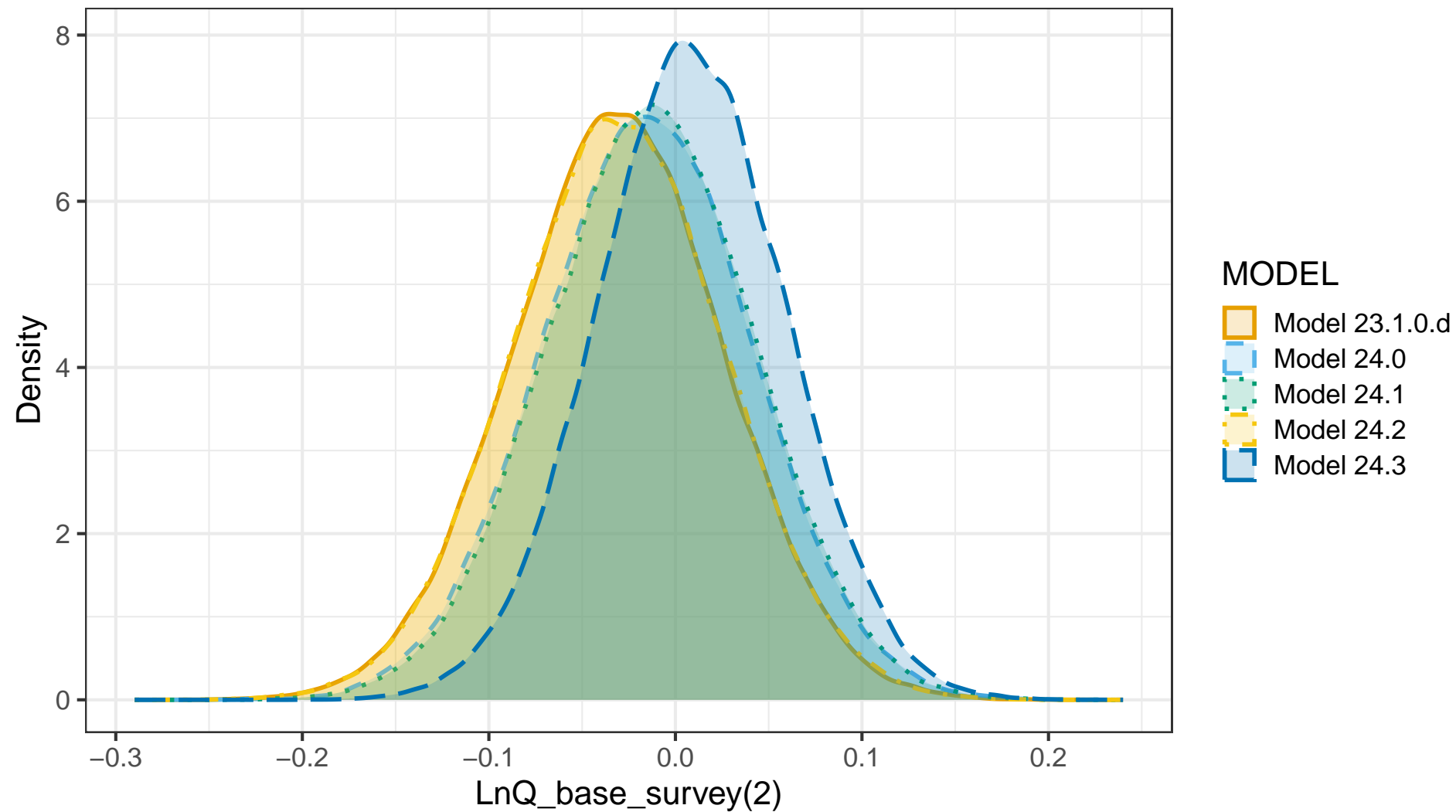




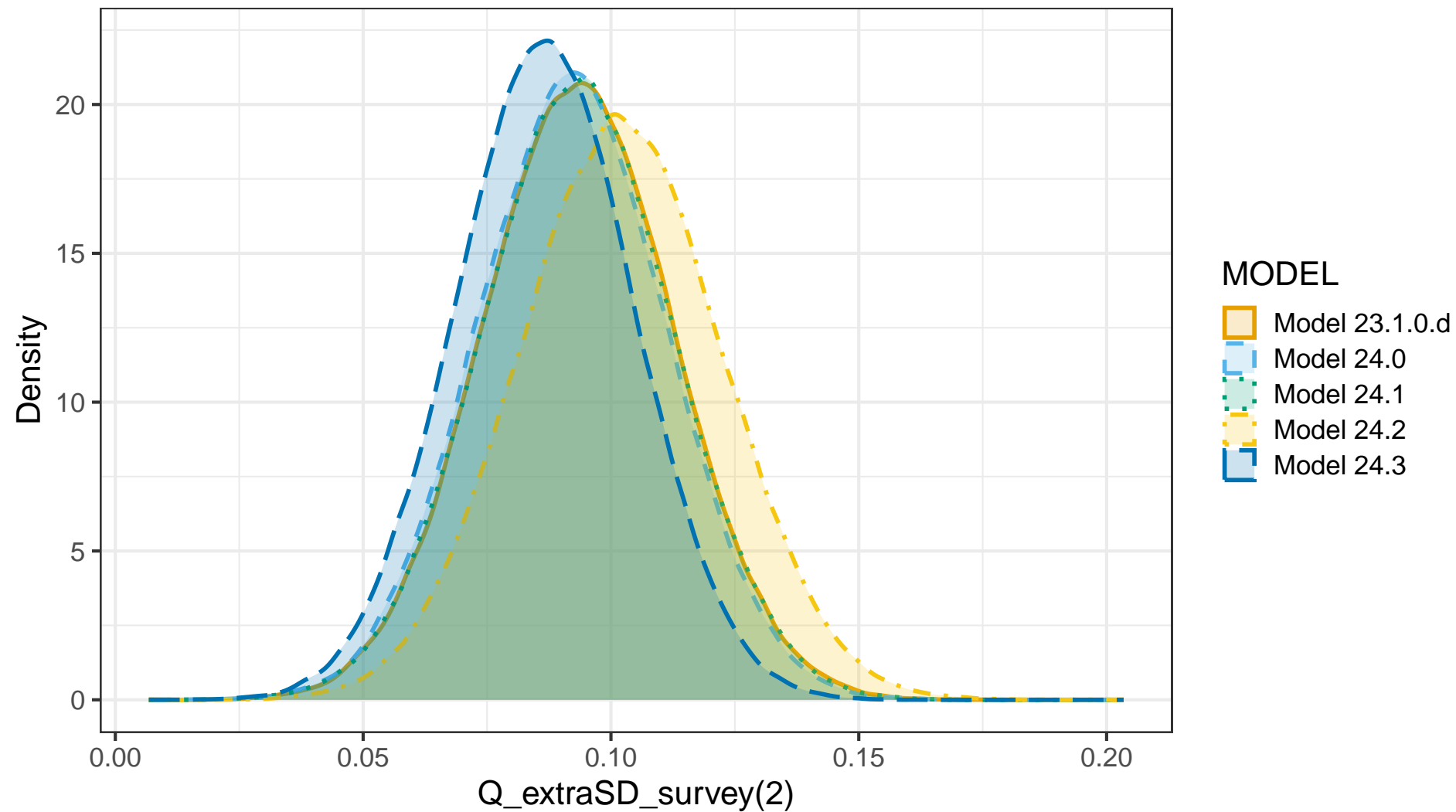
InitF\_seas\_1\_flt\_1fishery



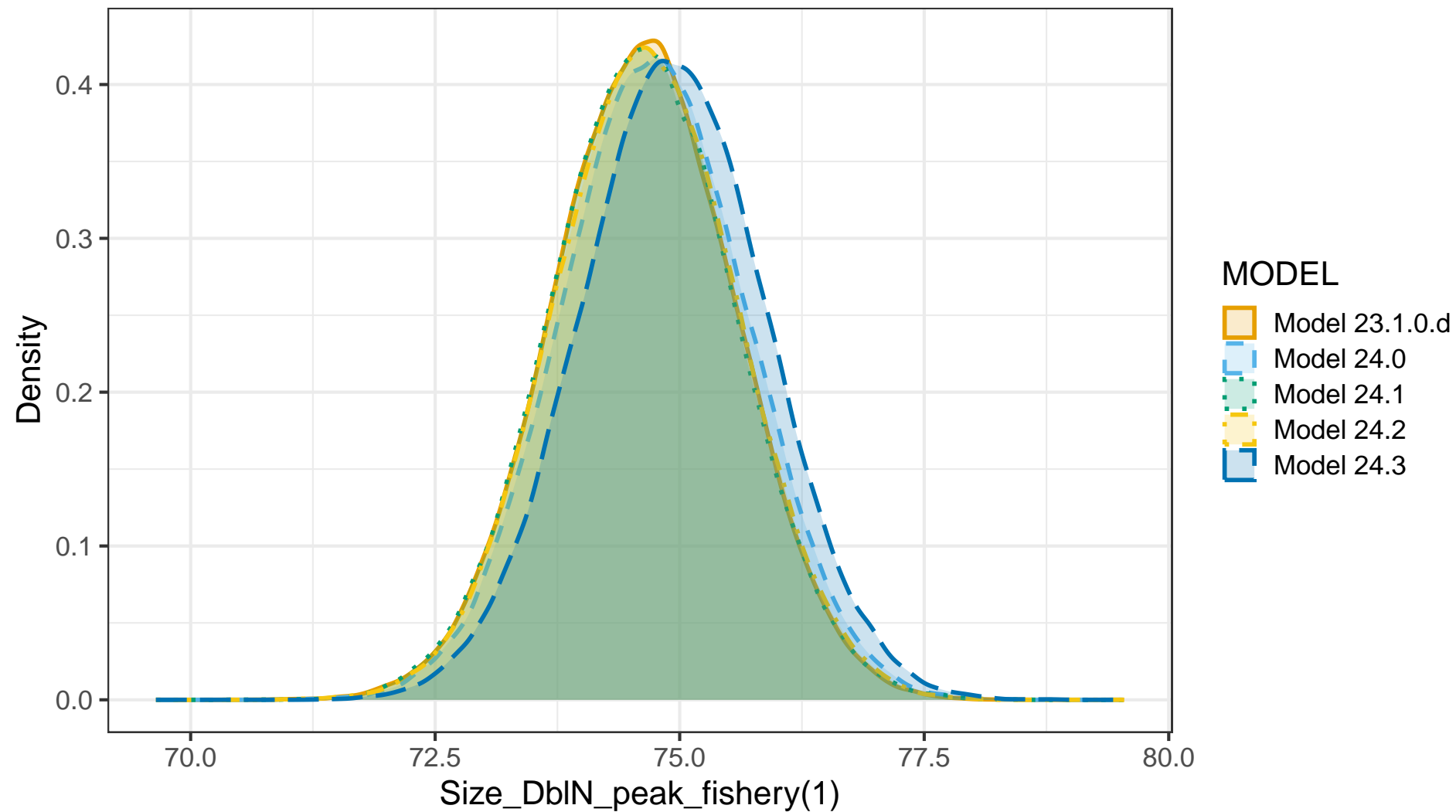
LnQ\_base\_survey(2)



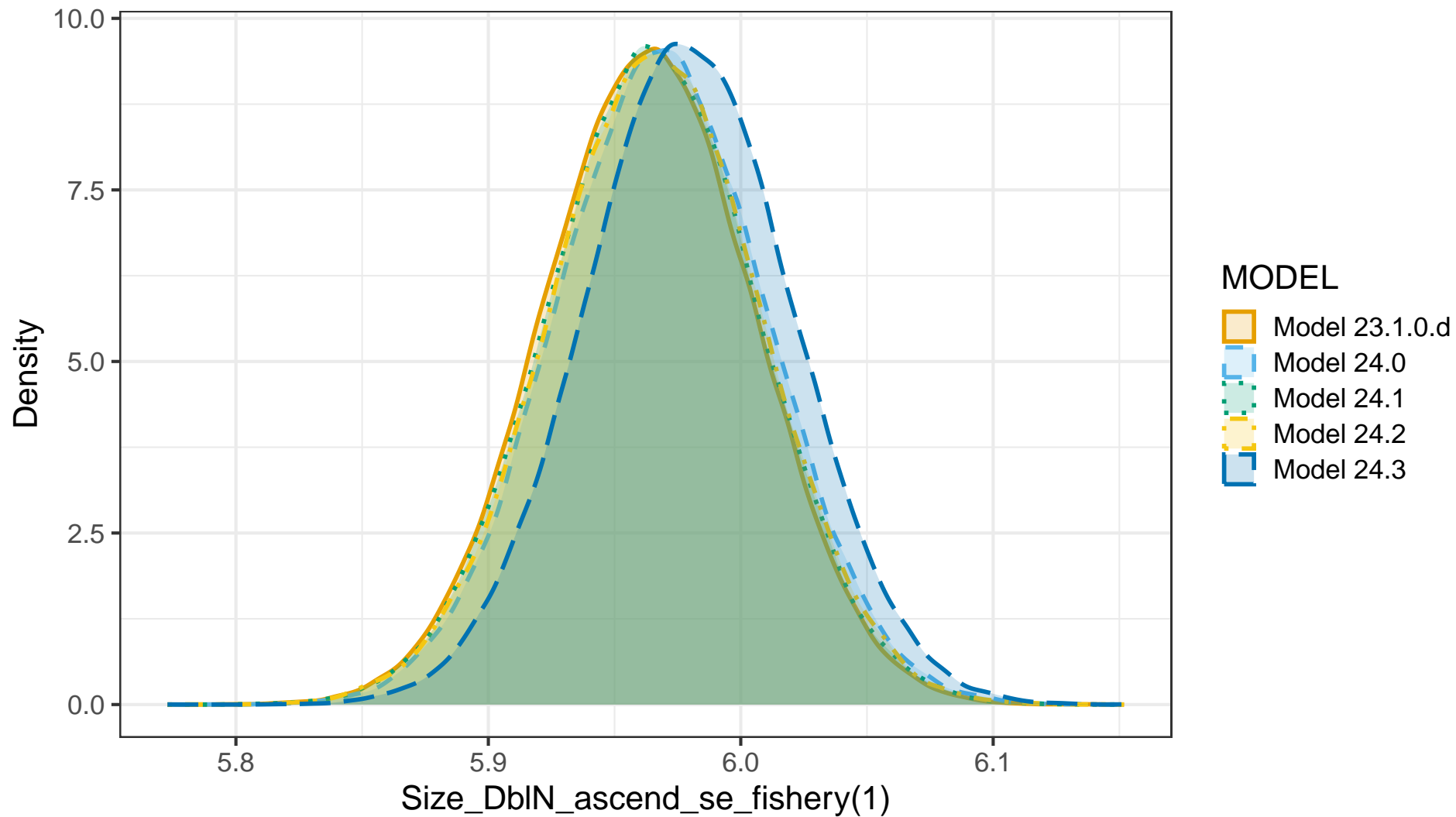
Q\_extraSD\_survey(2)



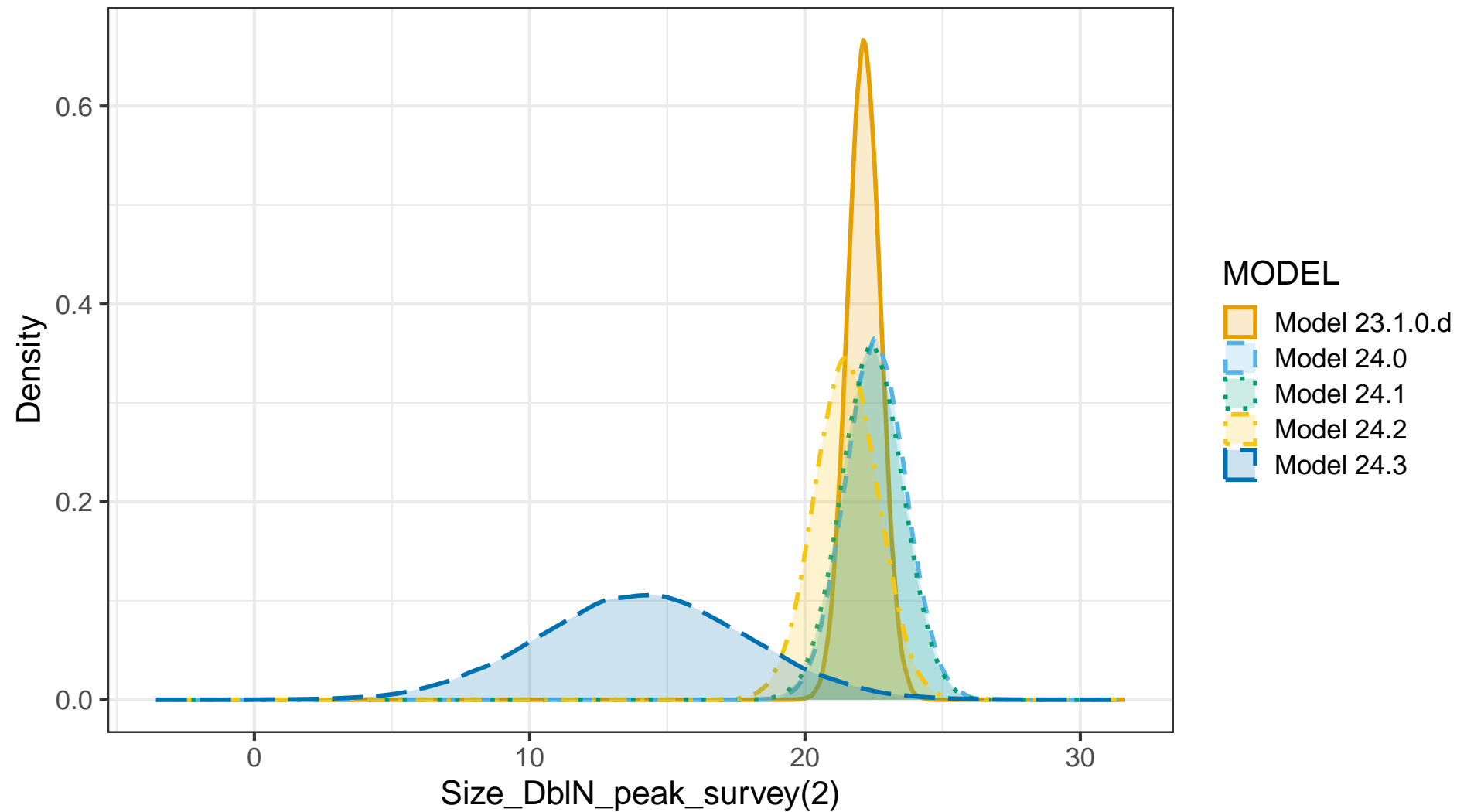
Size\_DblN\_peak\_fishery(1)



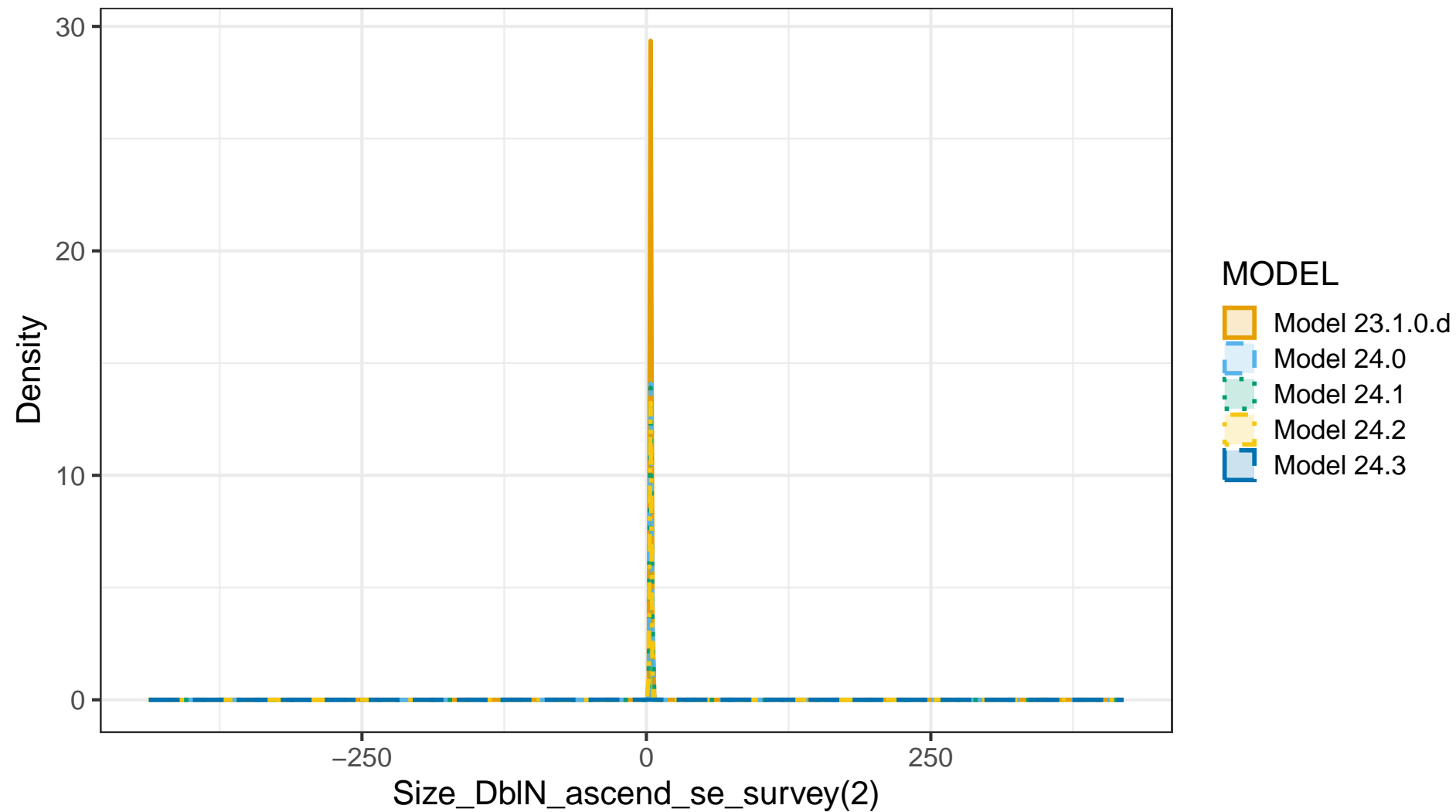
Size\_DbIN\_ascend\_se\_fishery(1)



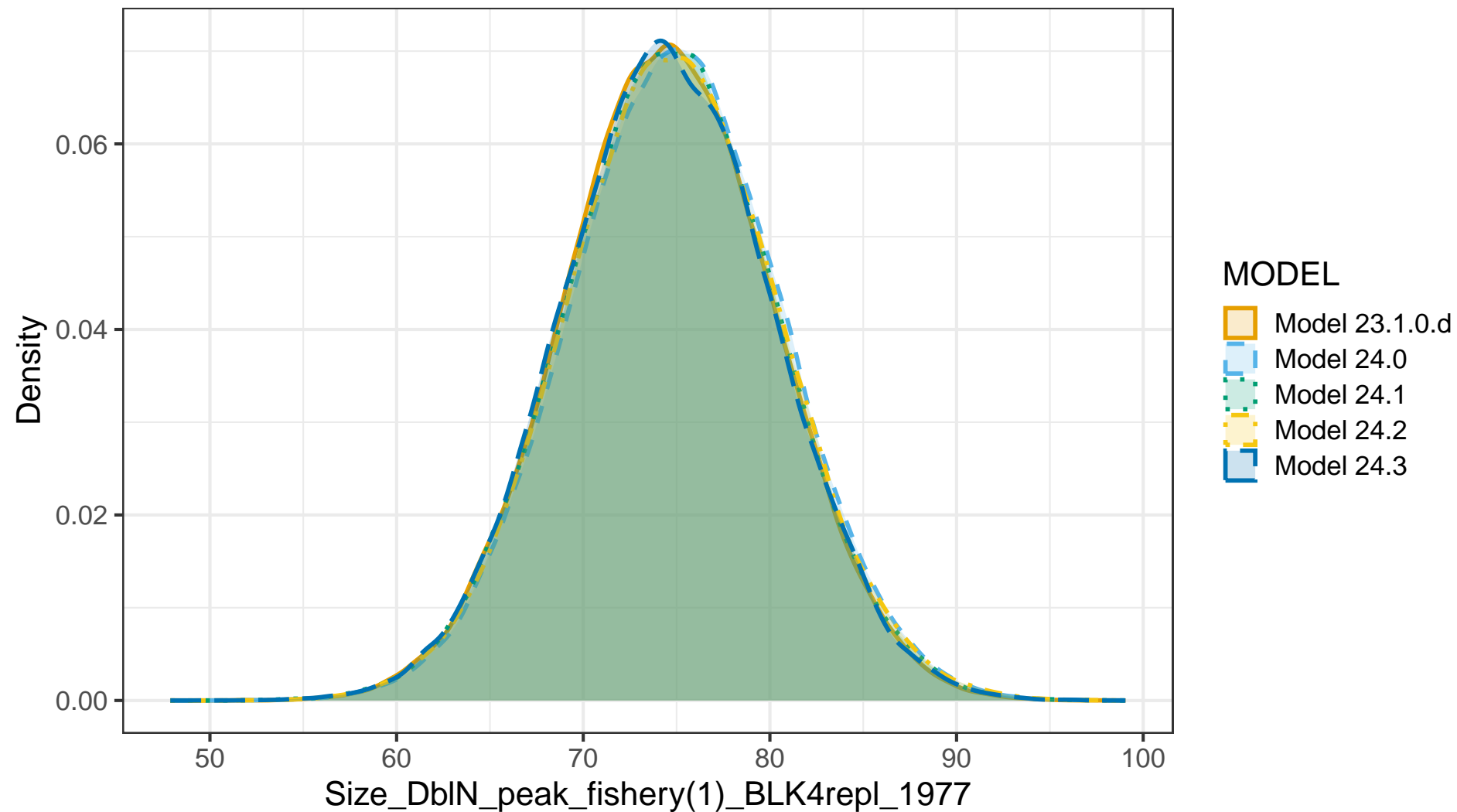
Size\_DblN\_peak\_survey(2)



Size\_DbIN\_ascend\_se\_survey(2)

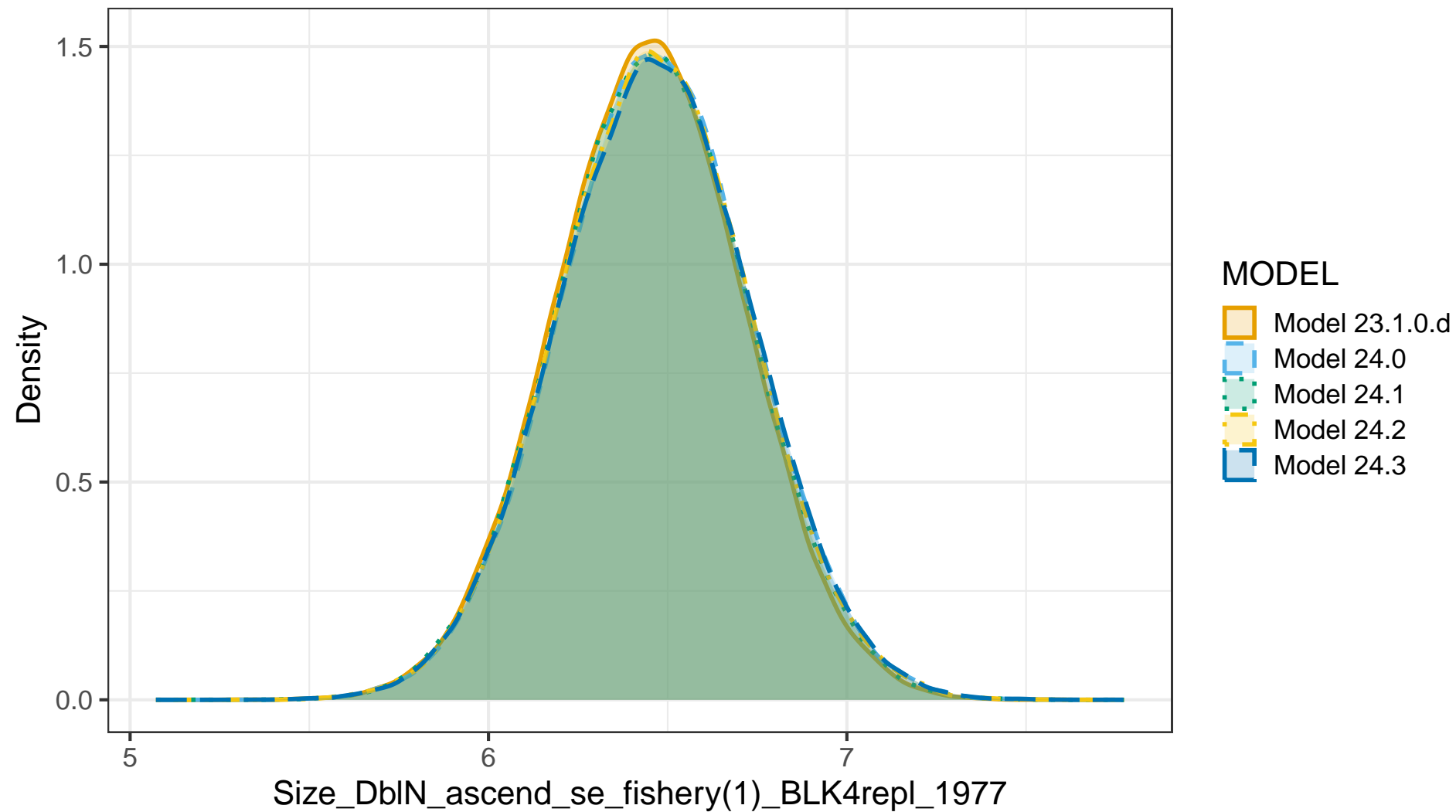


# Size\_DbIN\_peak\_fishery(1)\_BLK4repl\_1977

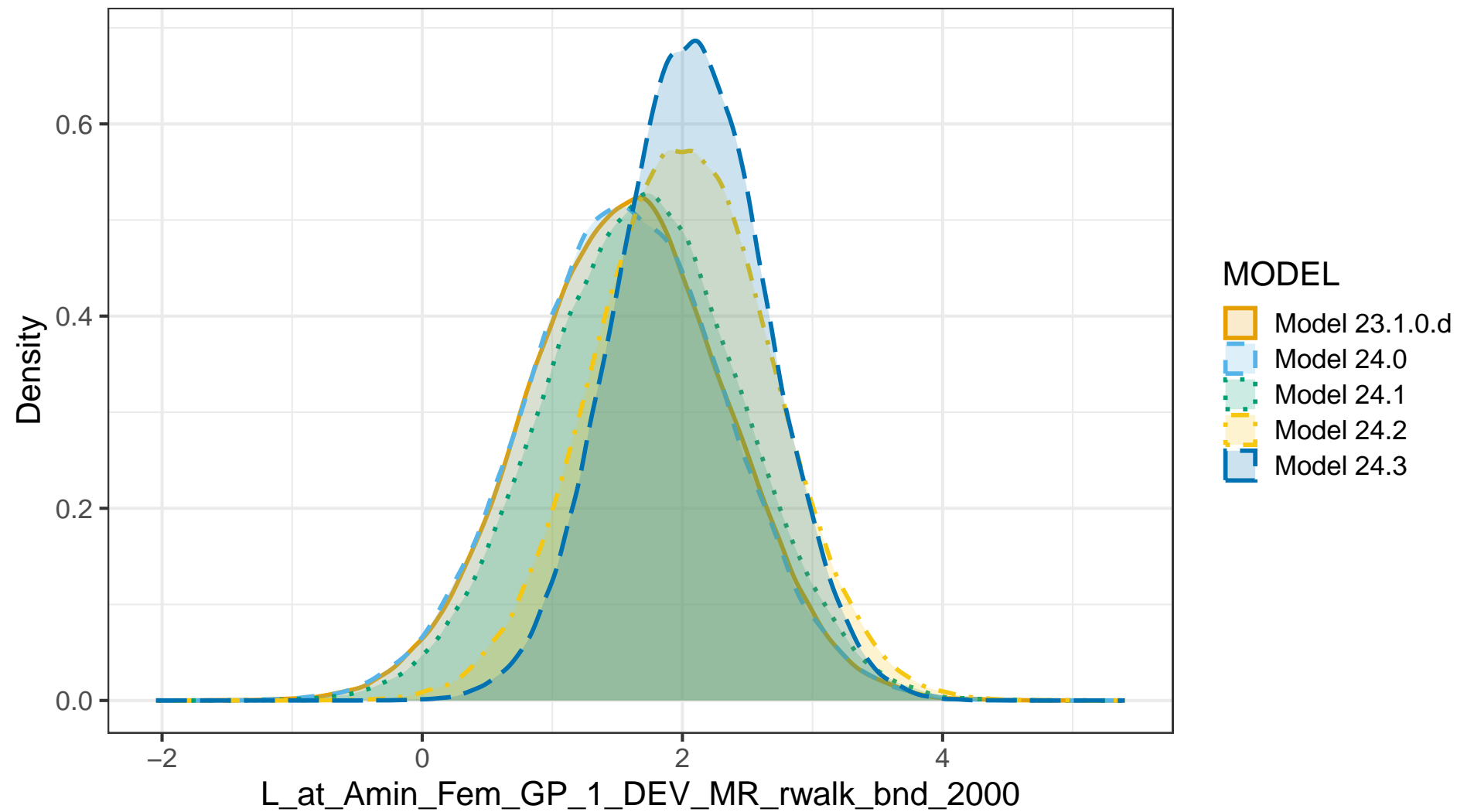




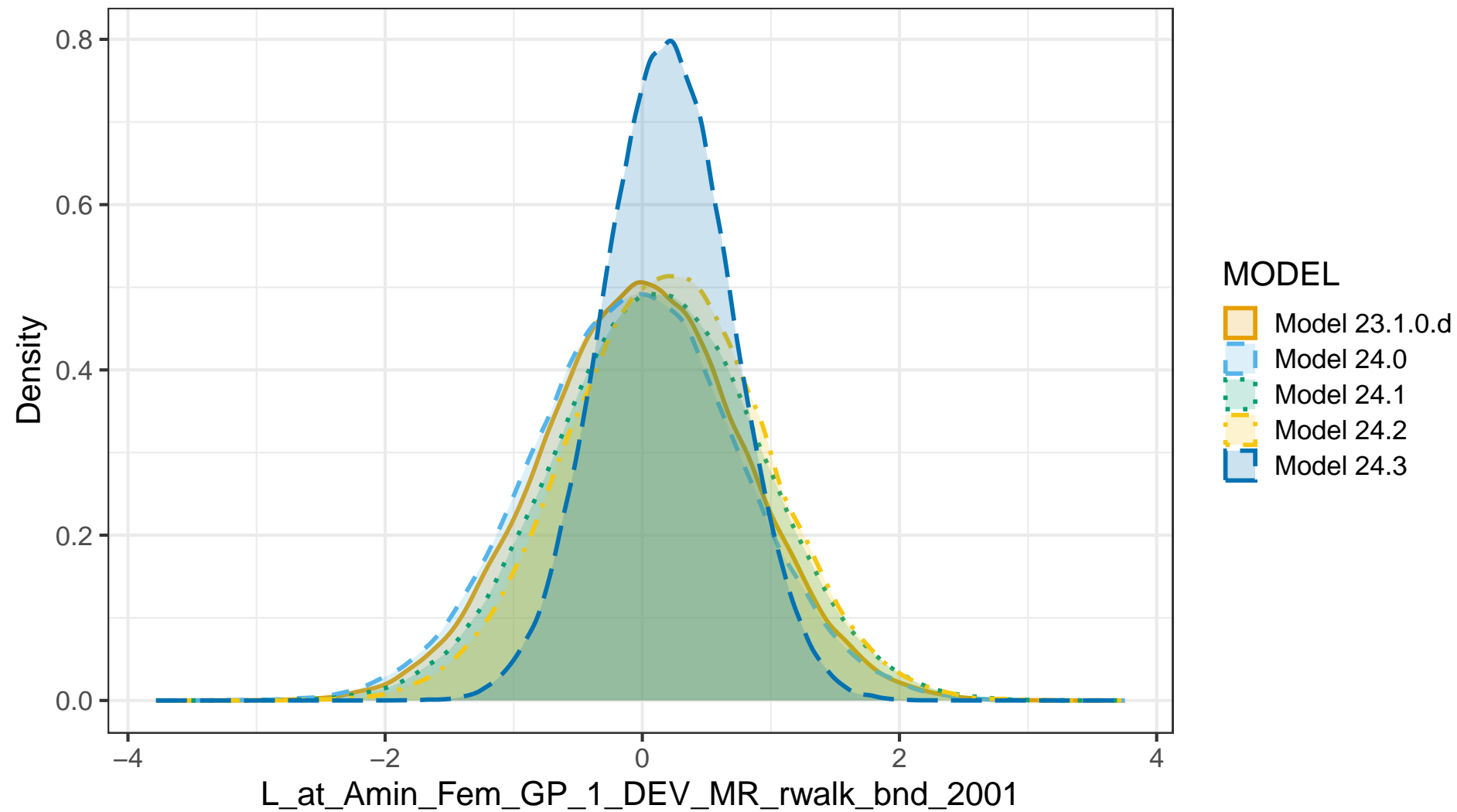
Size\_DbIN\_ascend\_se\_fishery(1)\_BLK4repl\_1977



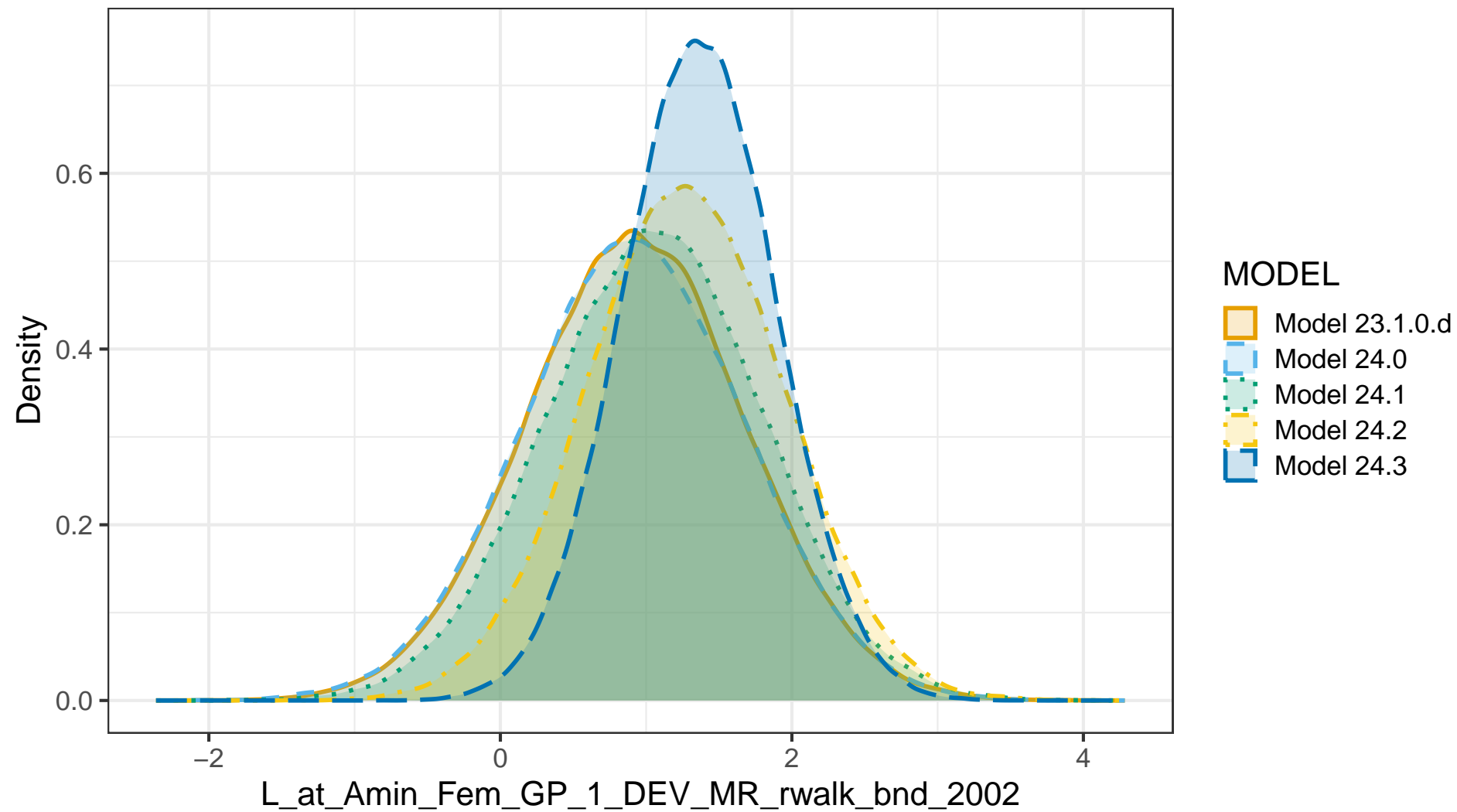
L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2000



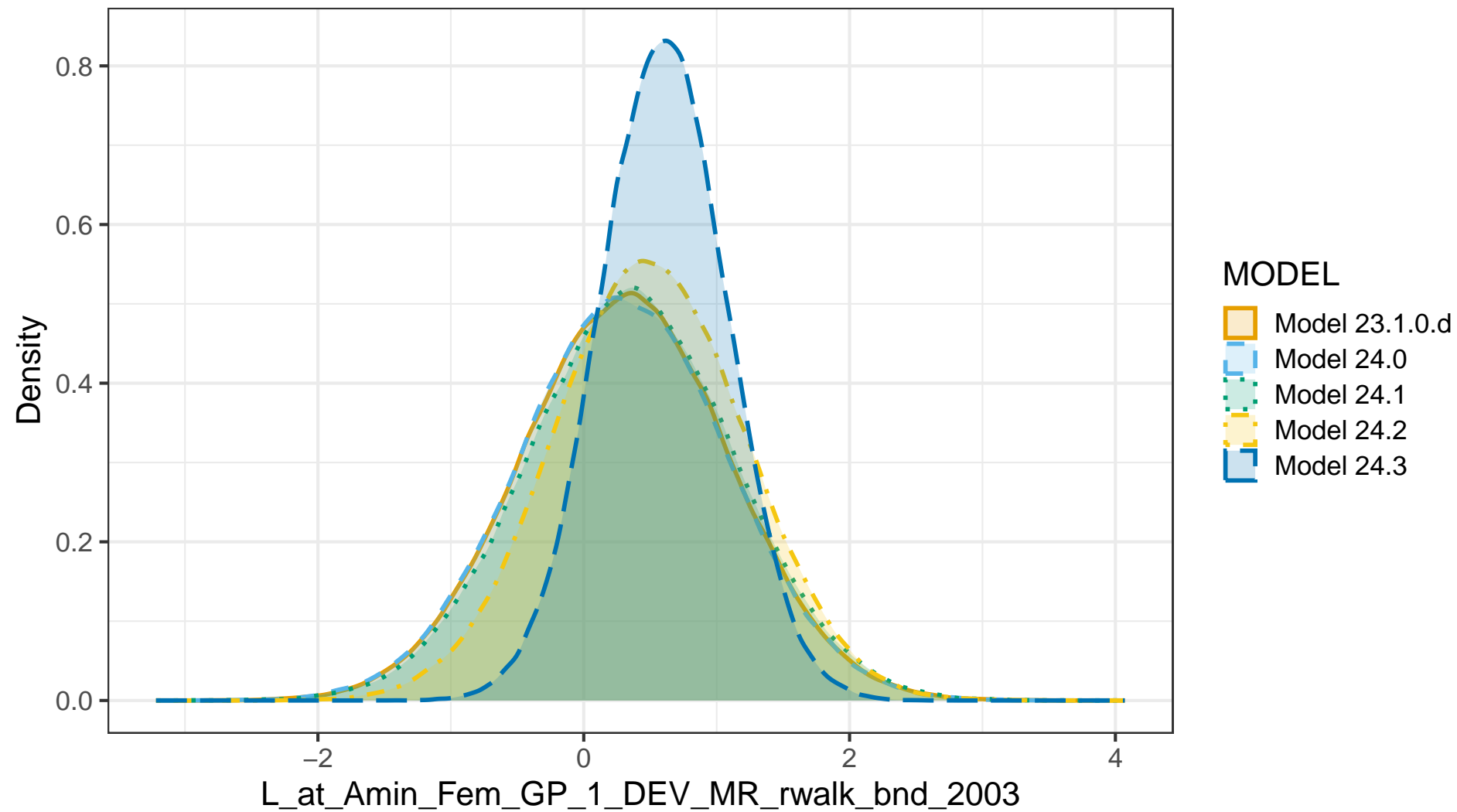
L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2001



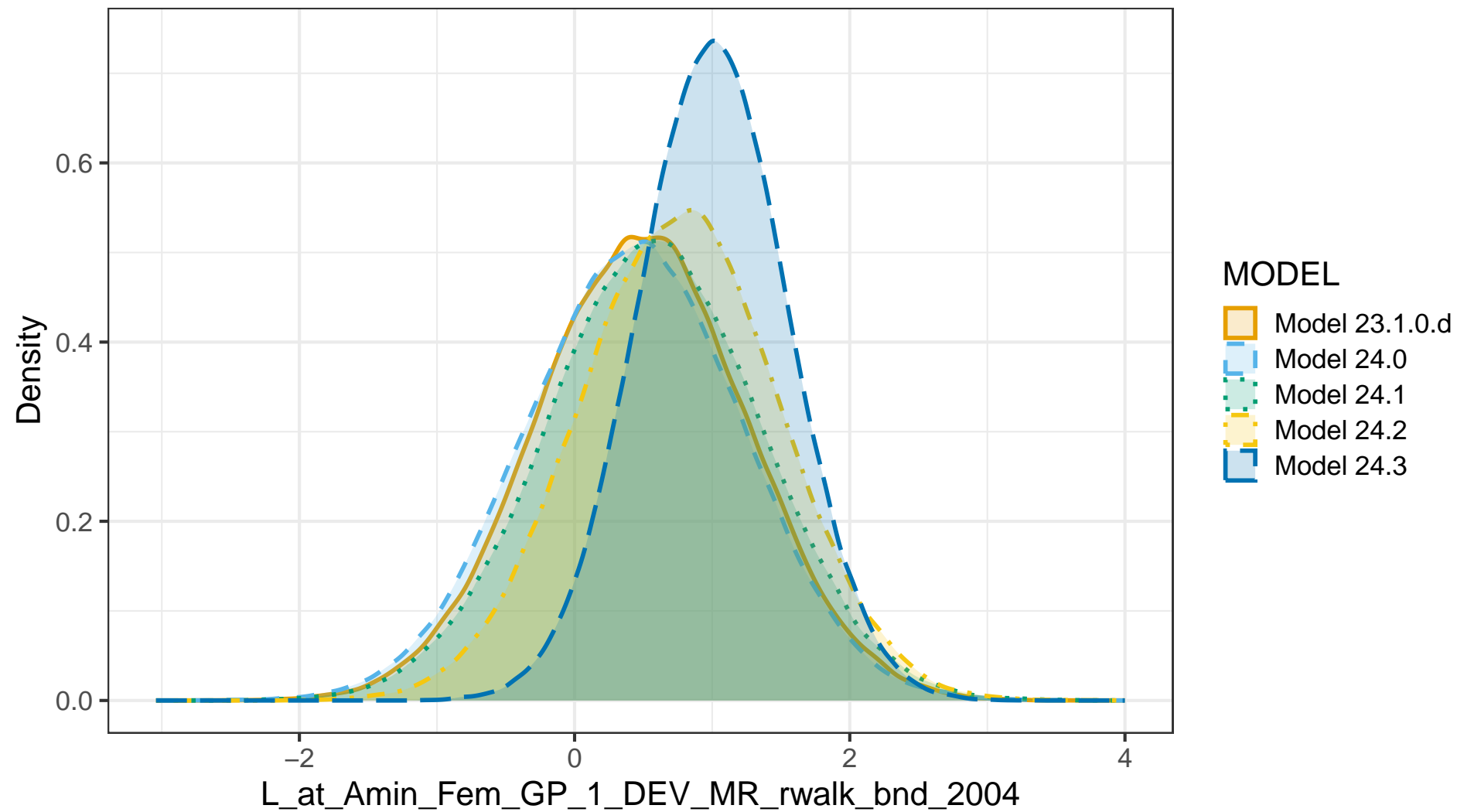
L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2002



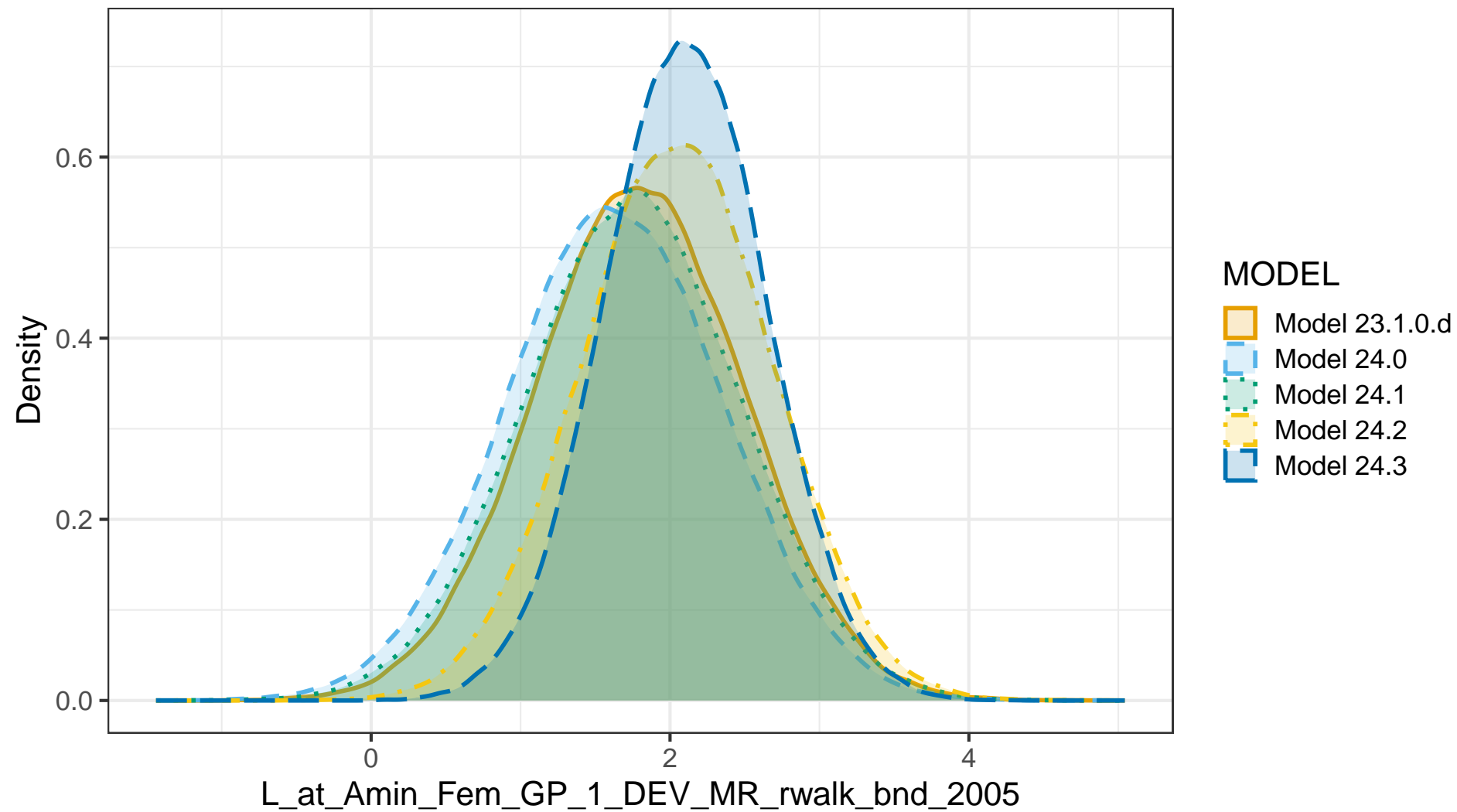
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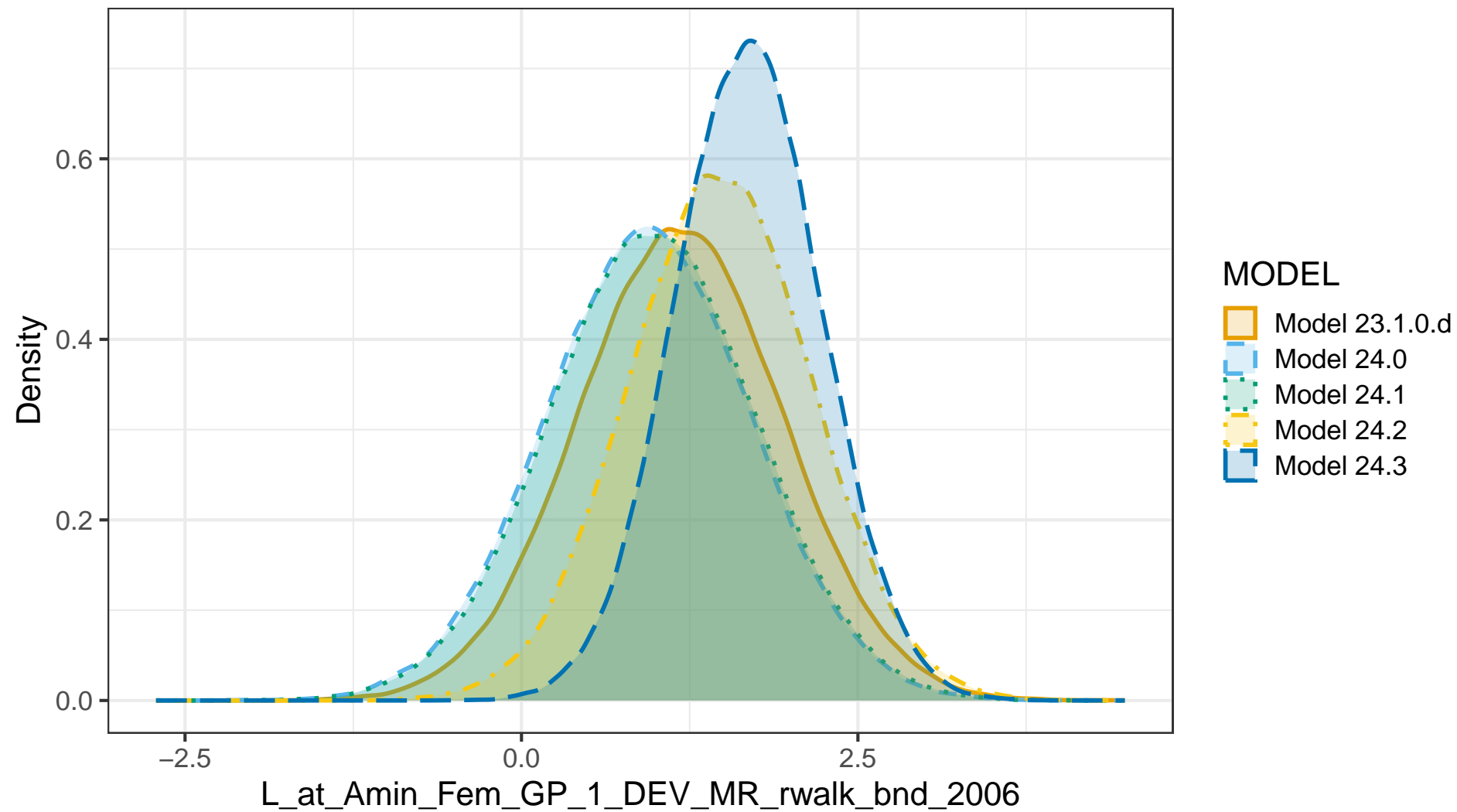
L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2004



L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2005

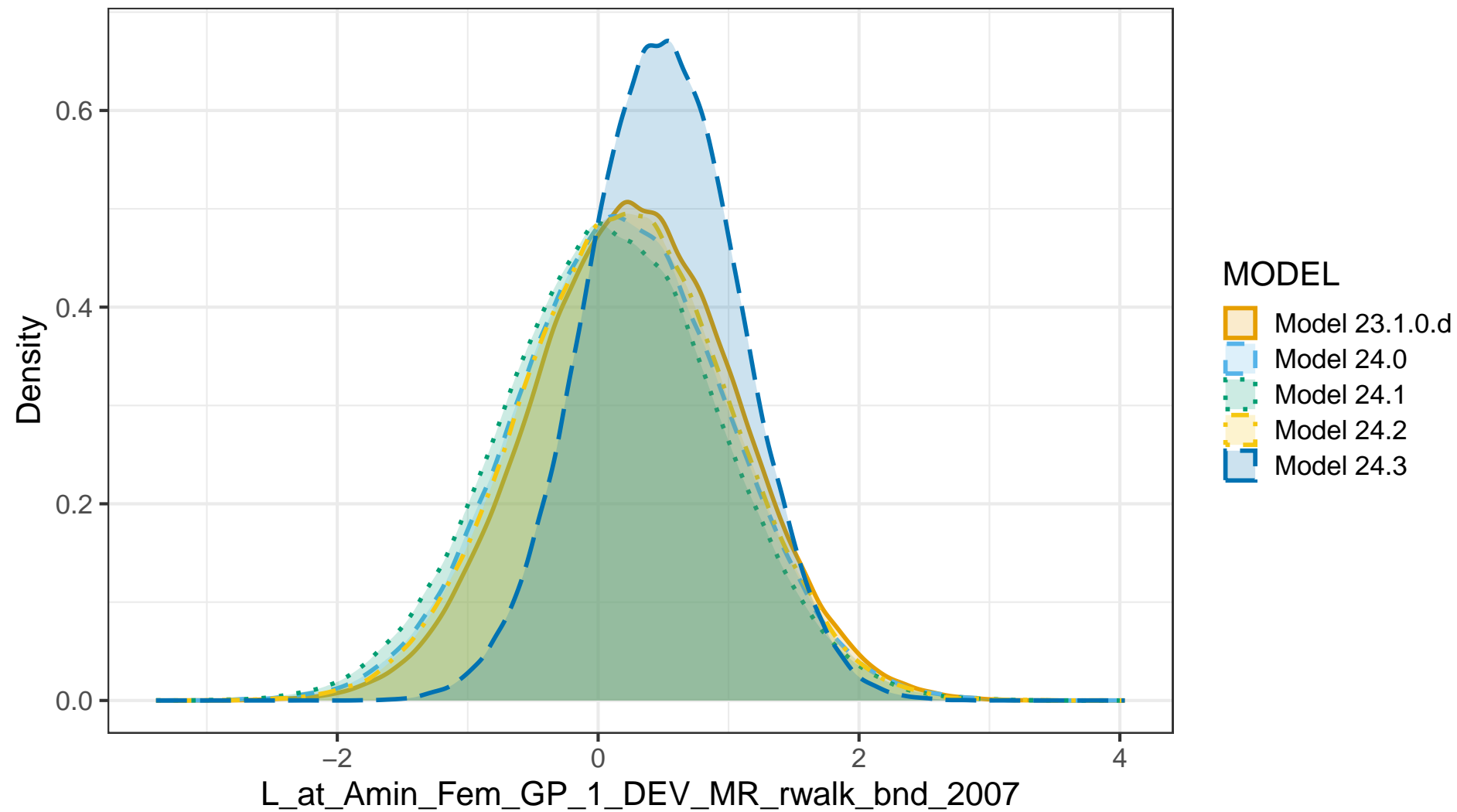


L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2006

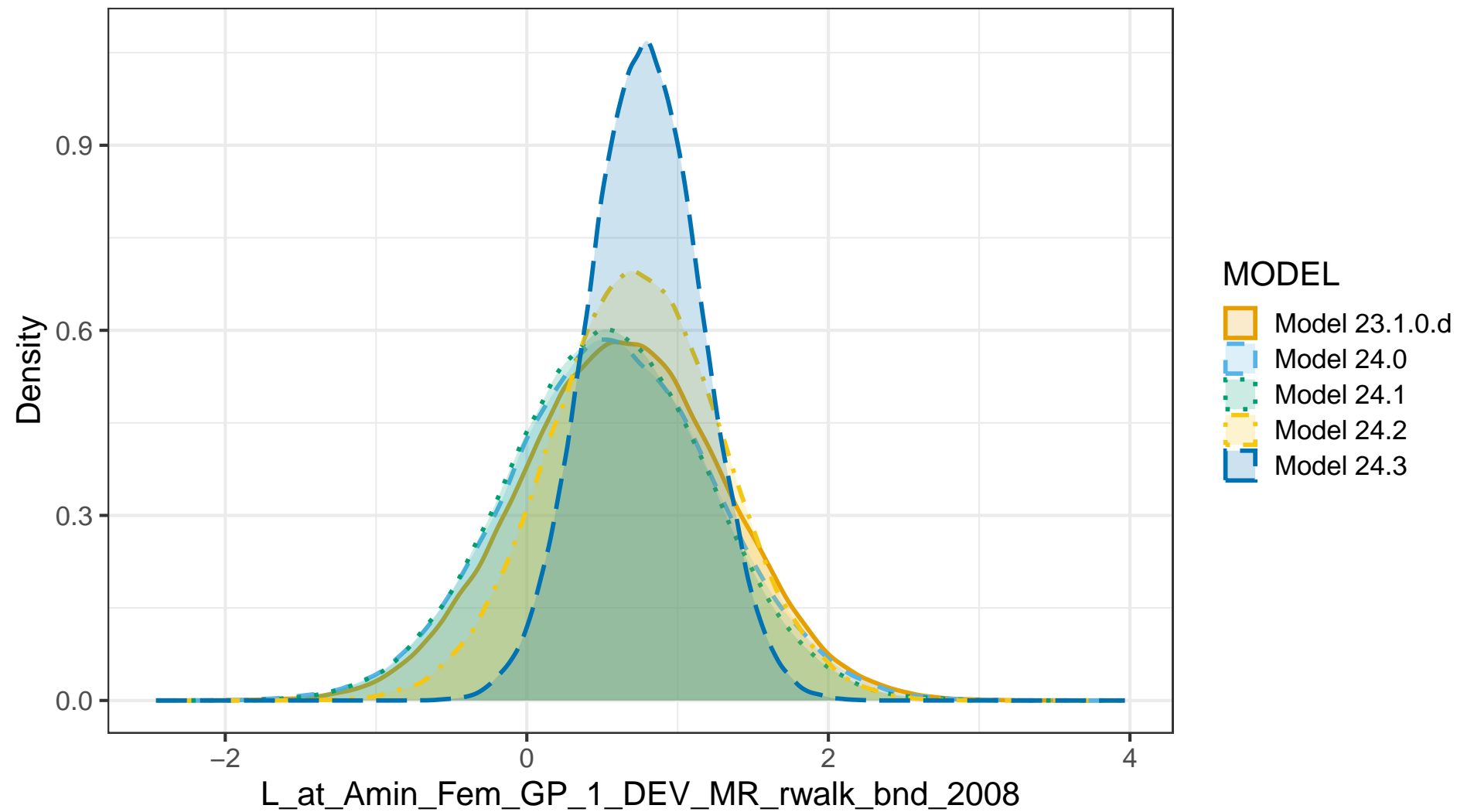




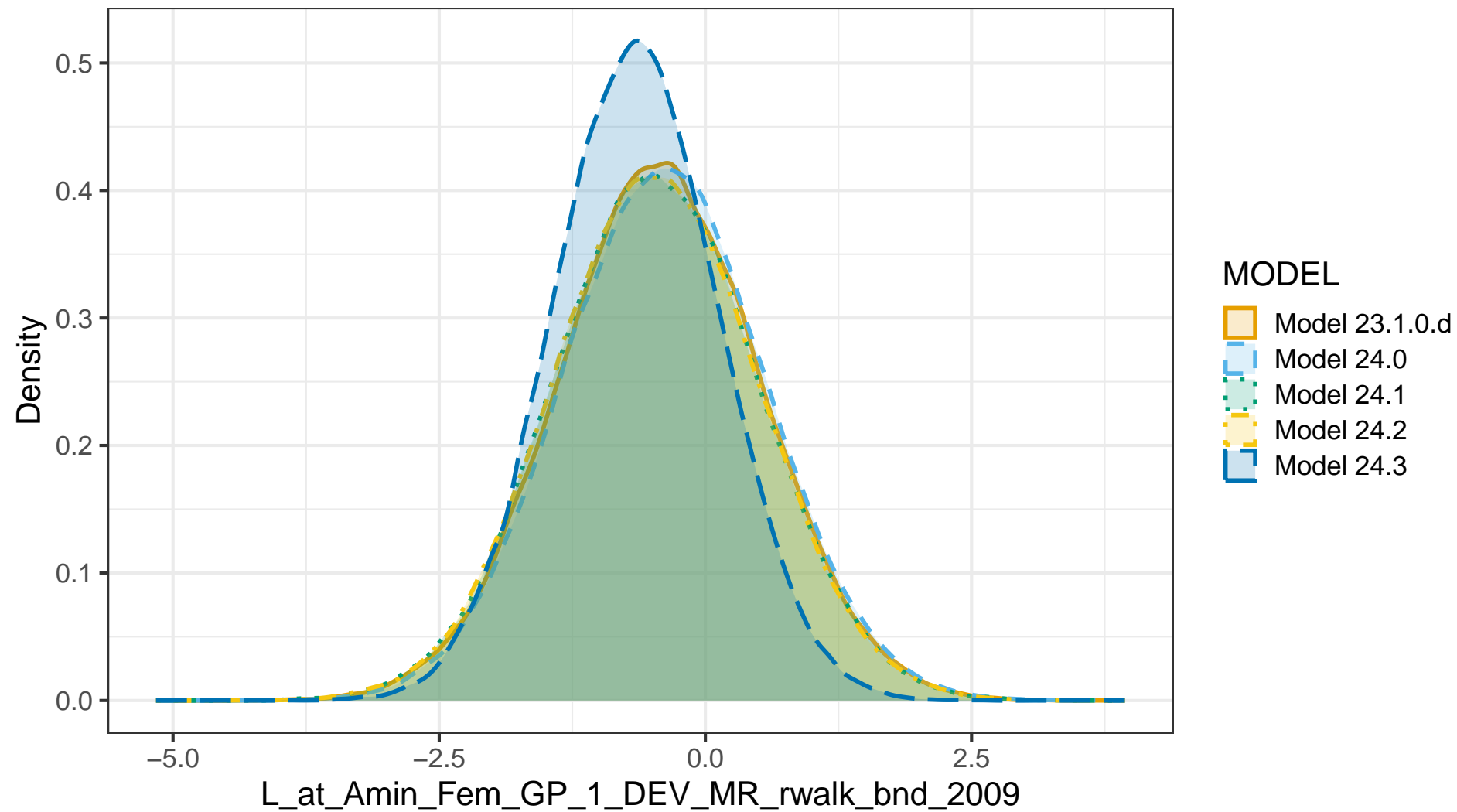
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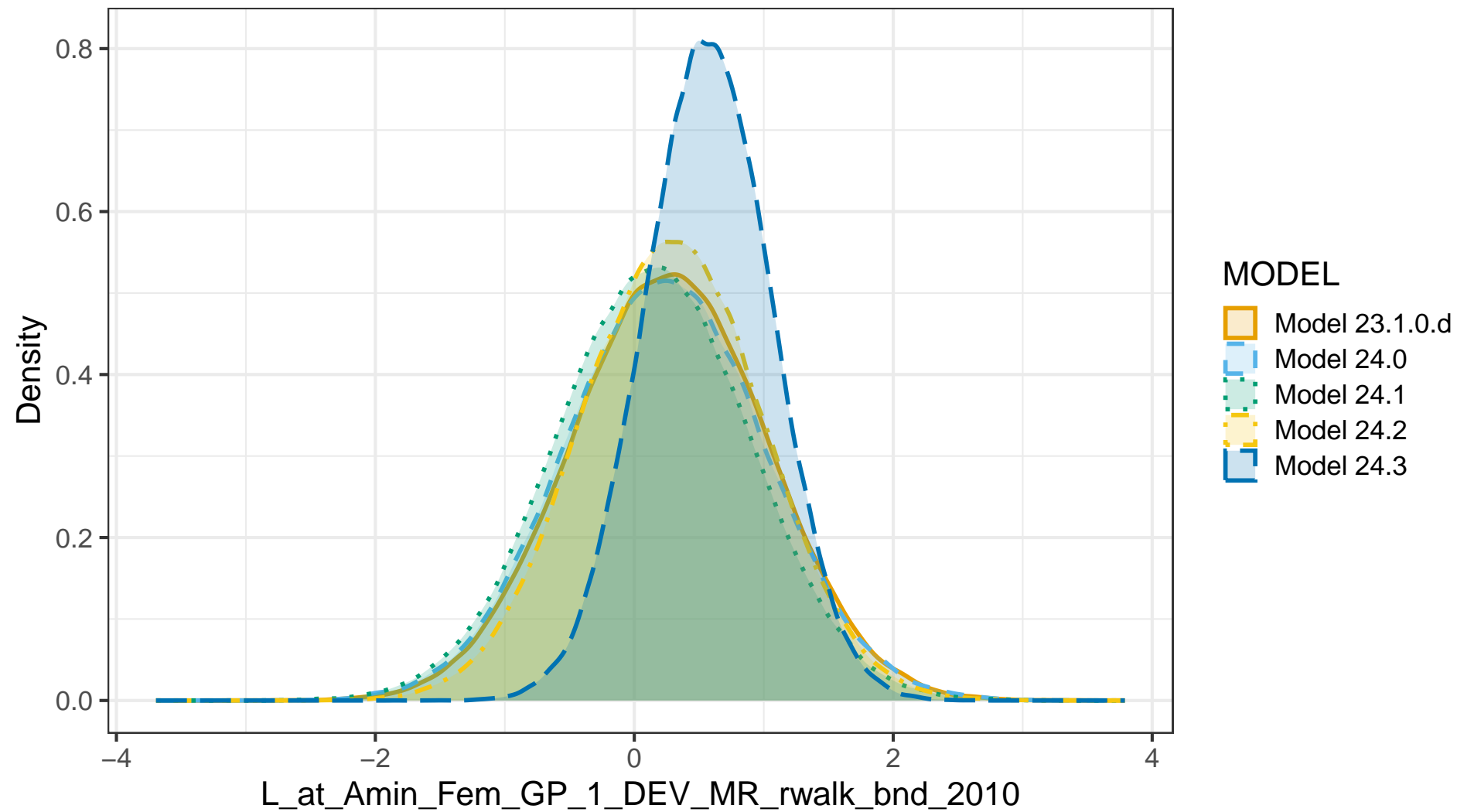
L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2008



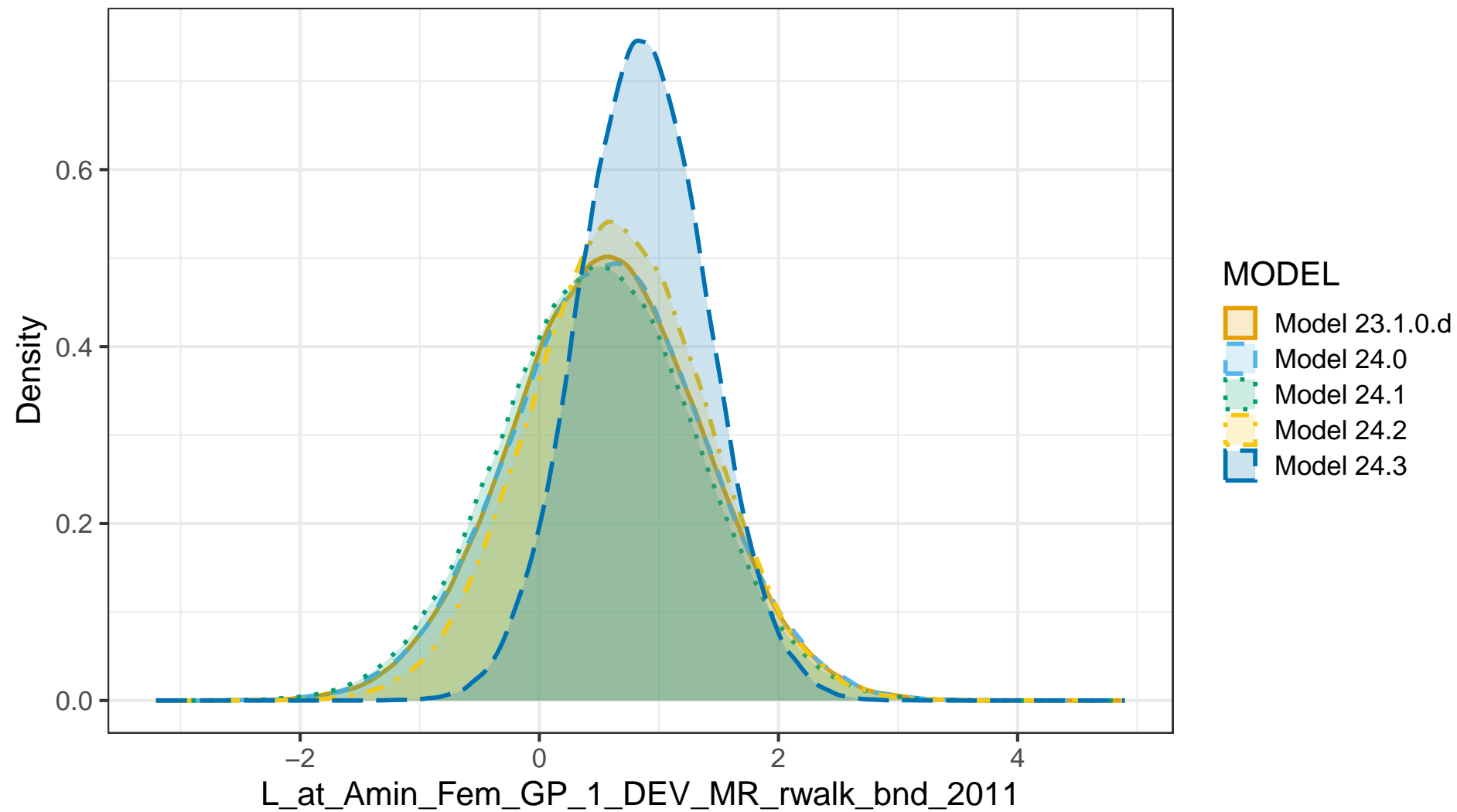
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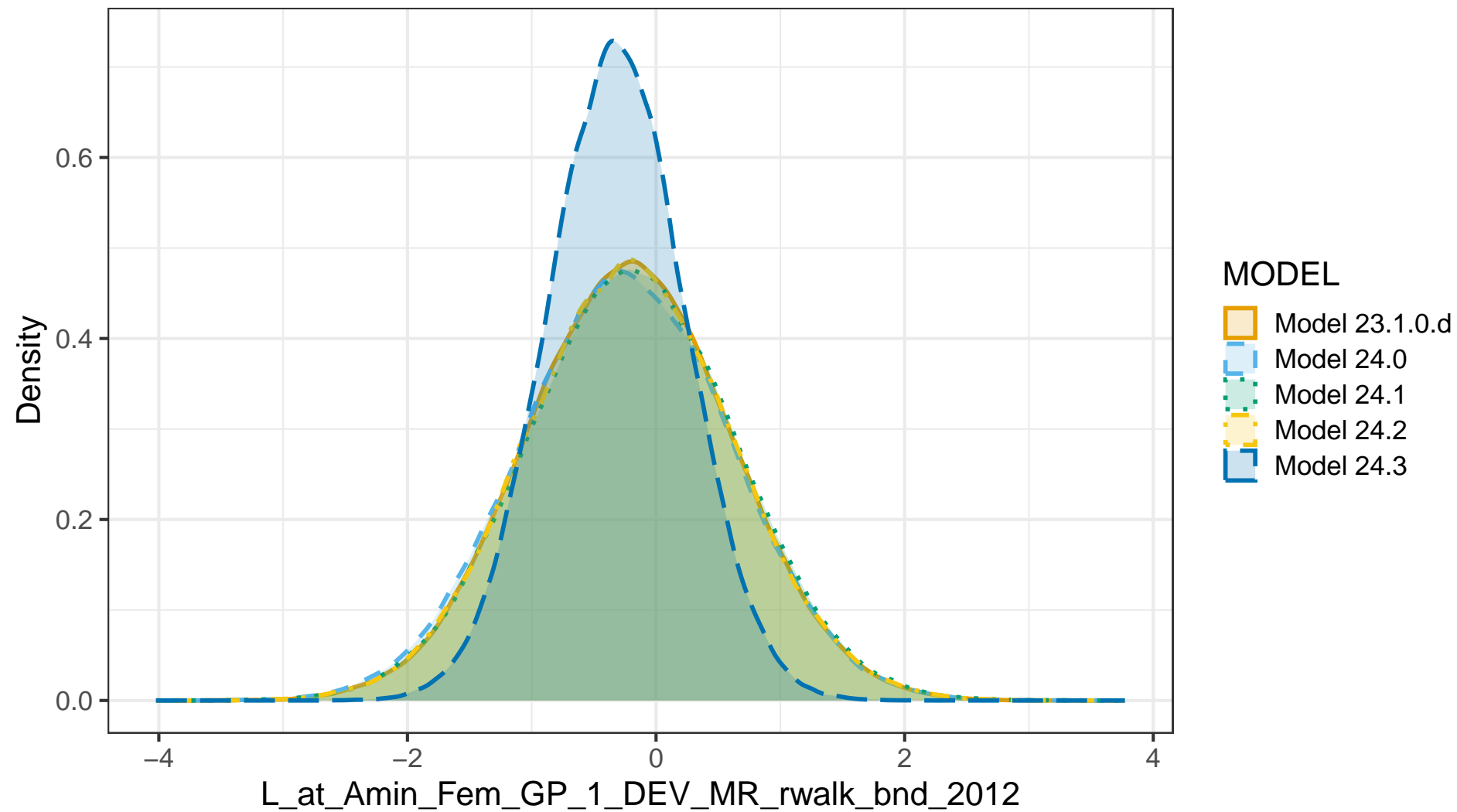
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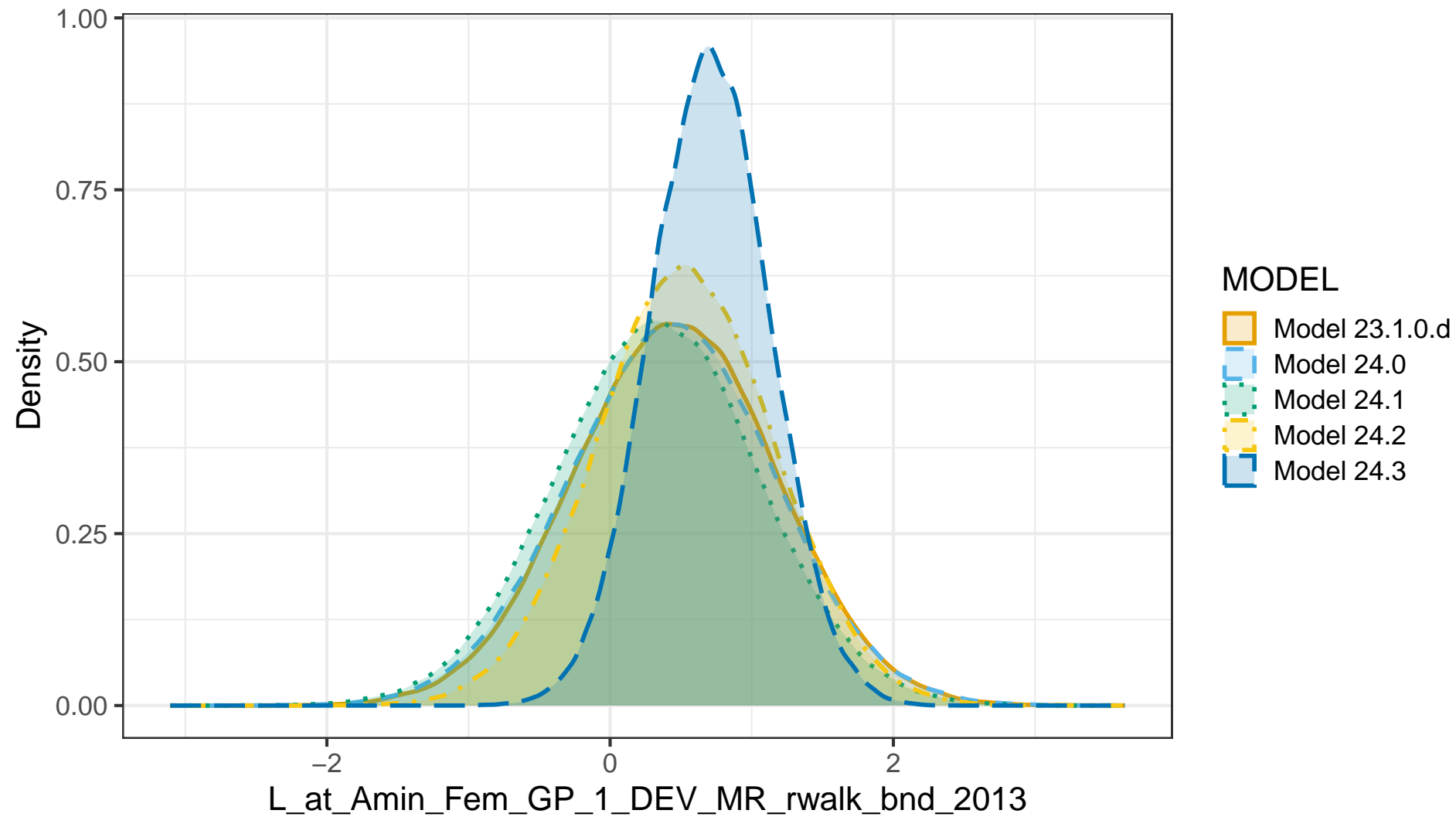
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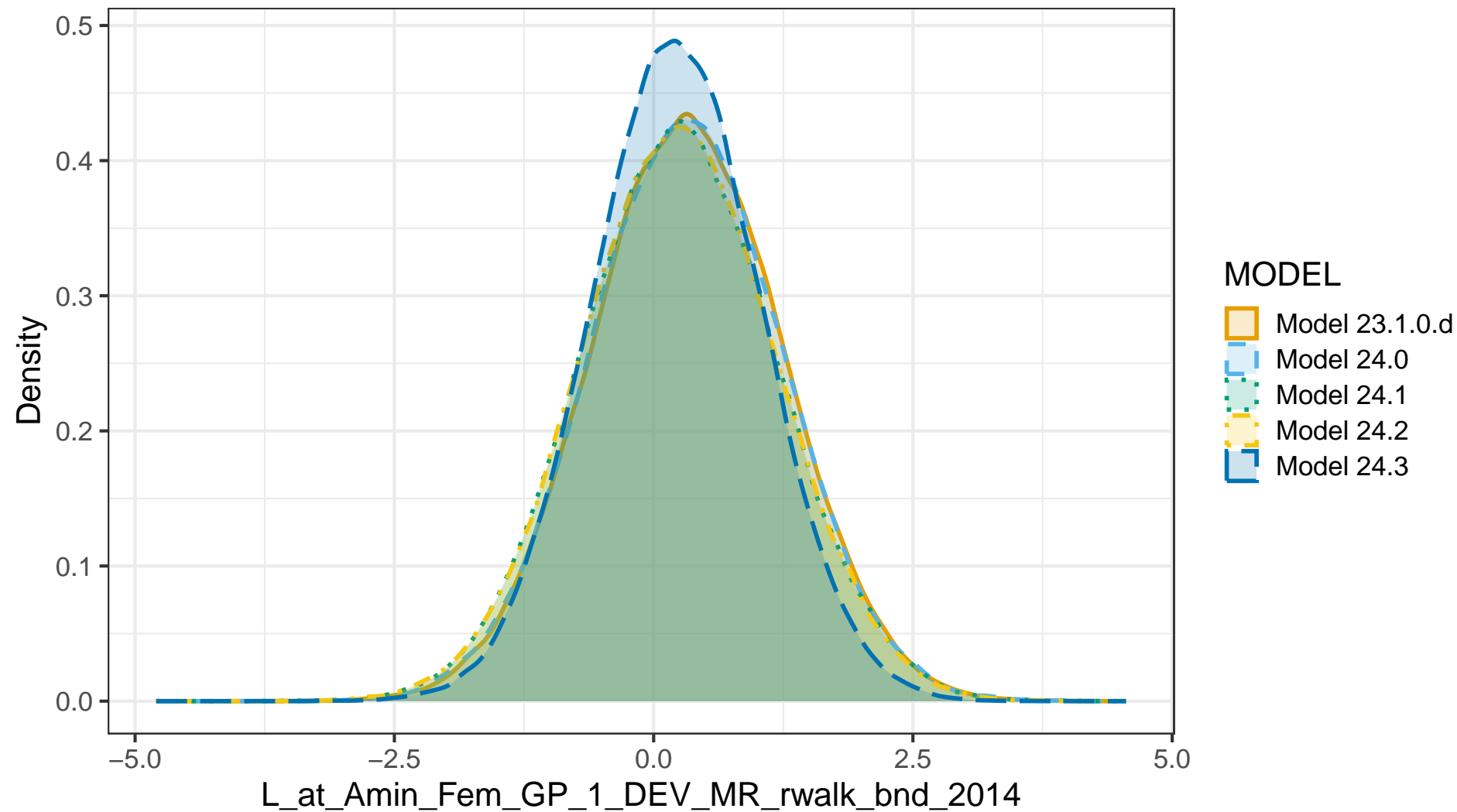
L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2012



L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2013

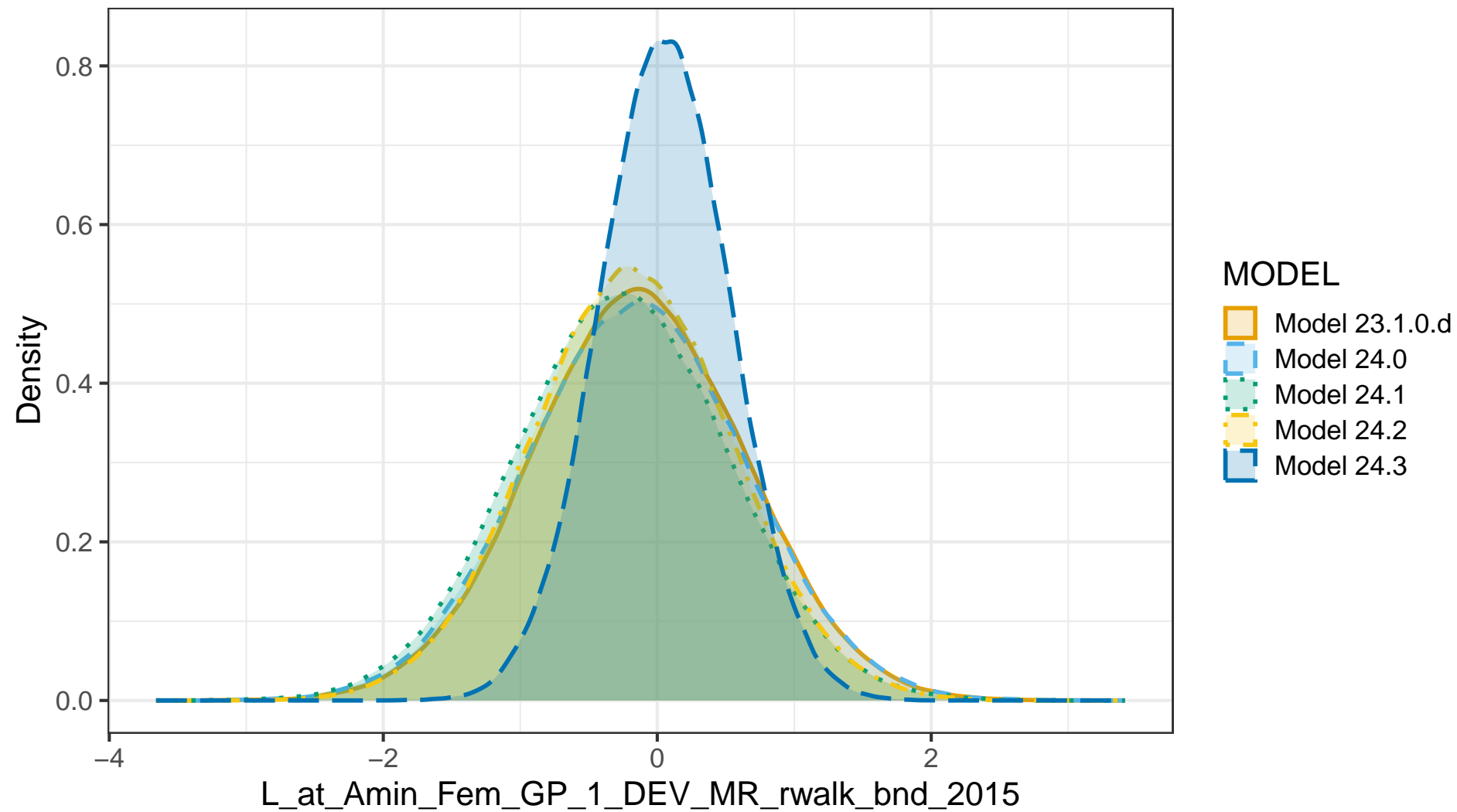


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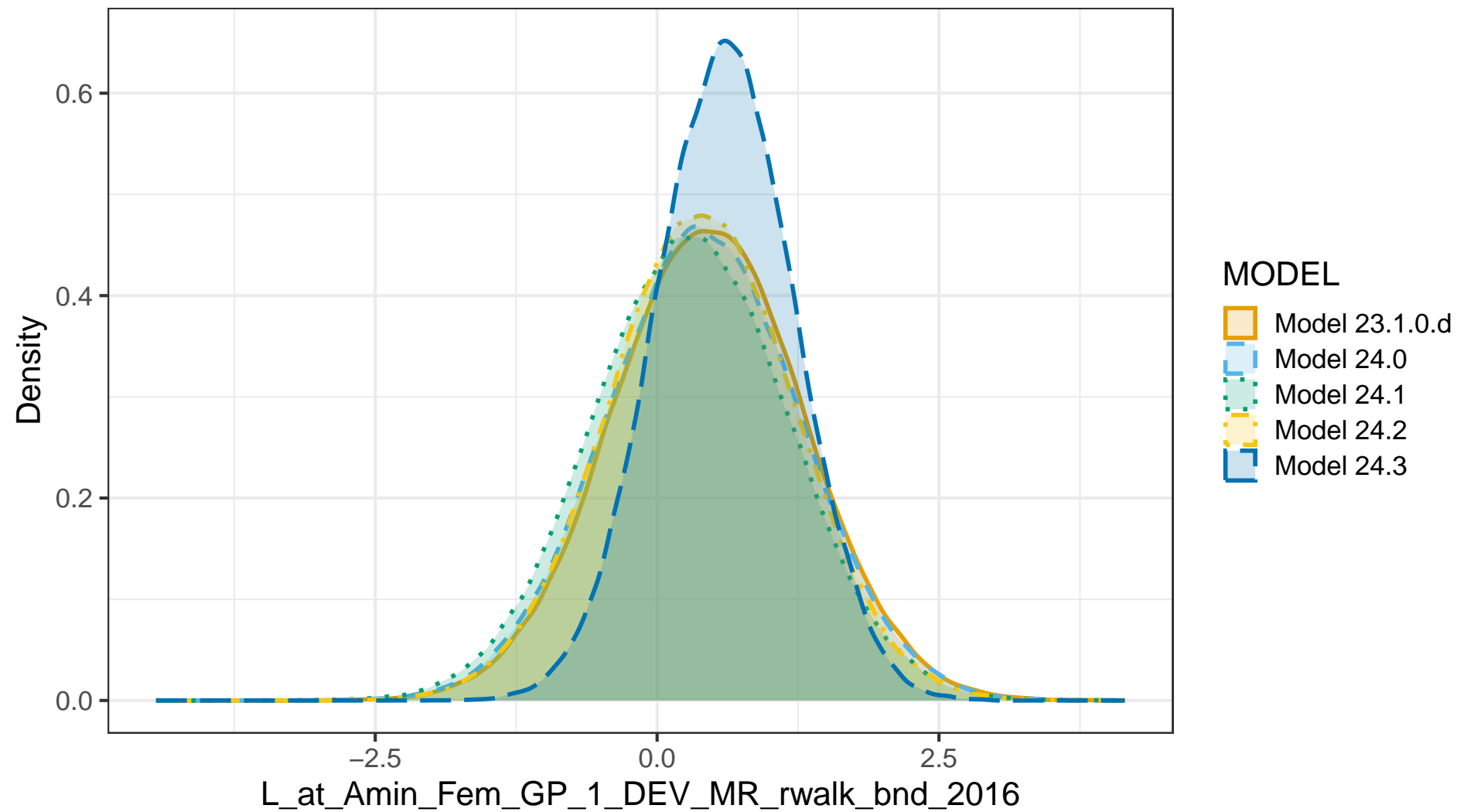




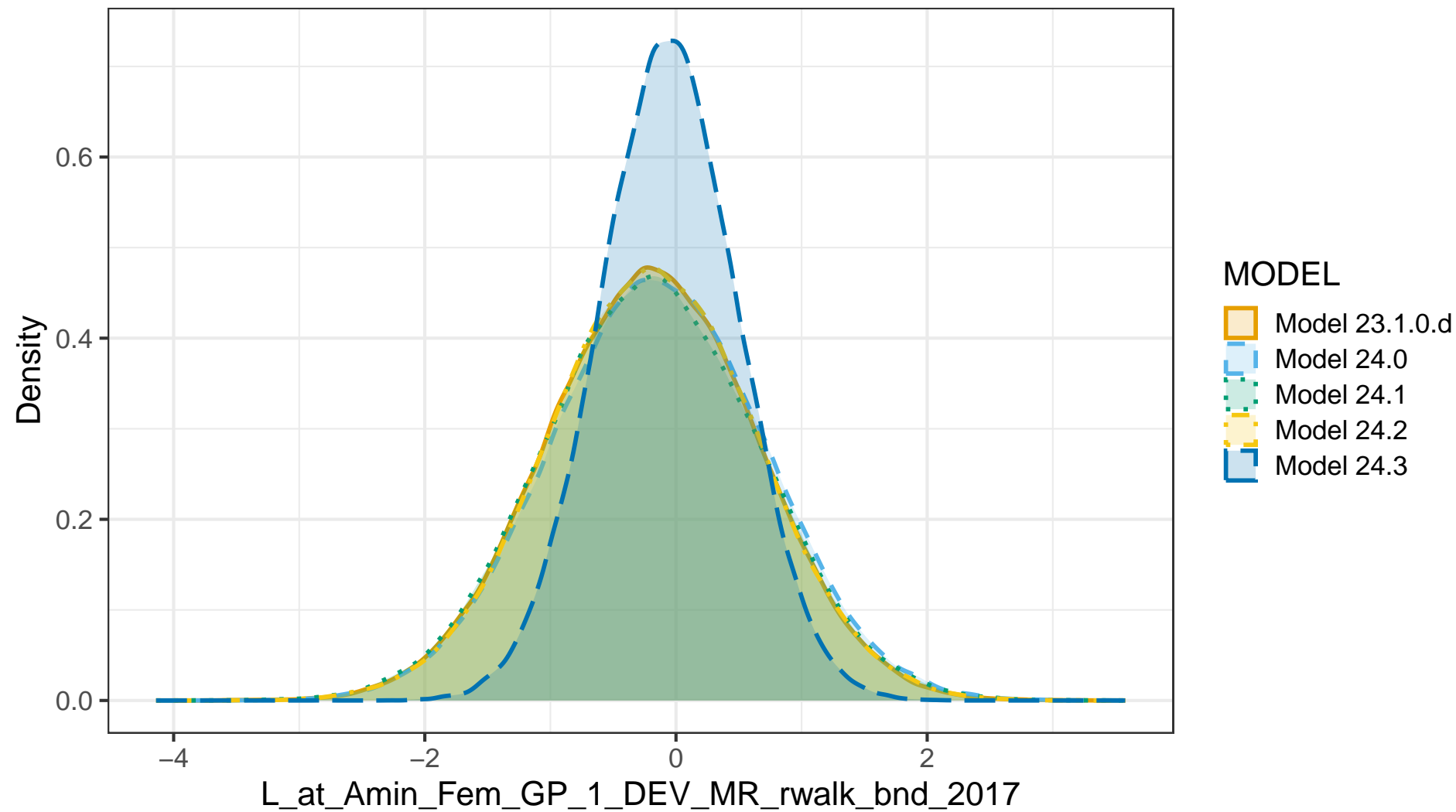
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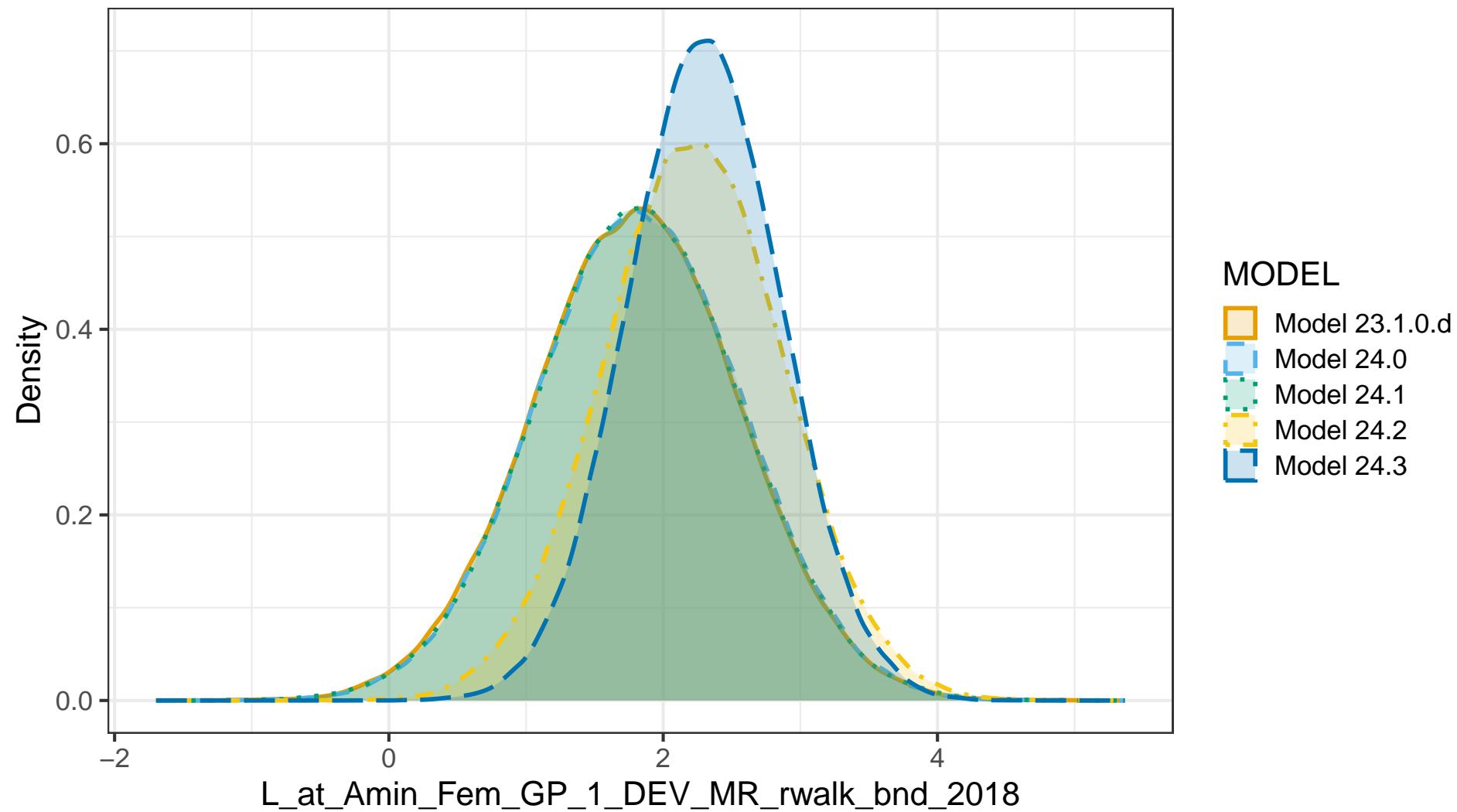
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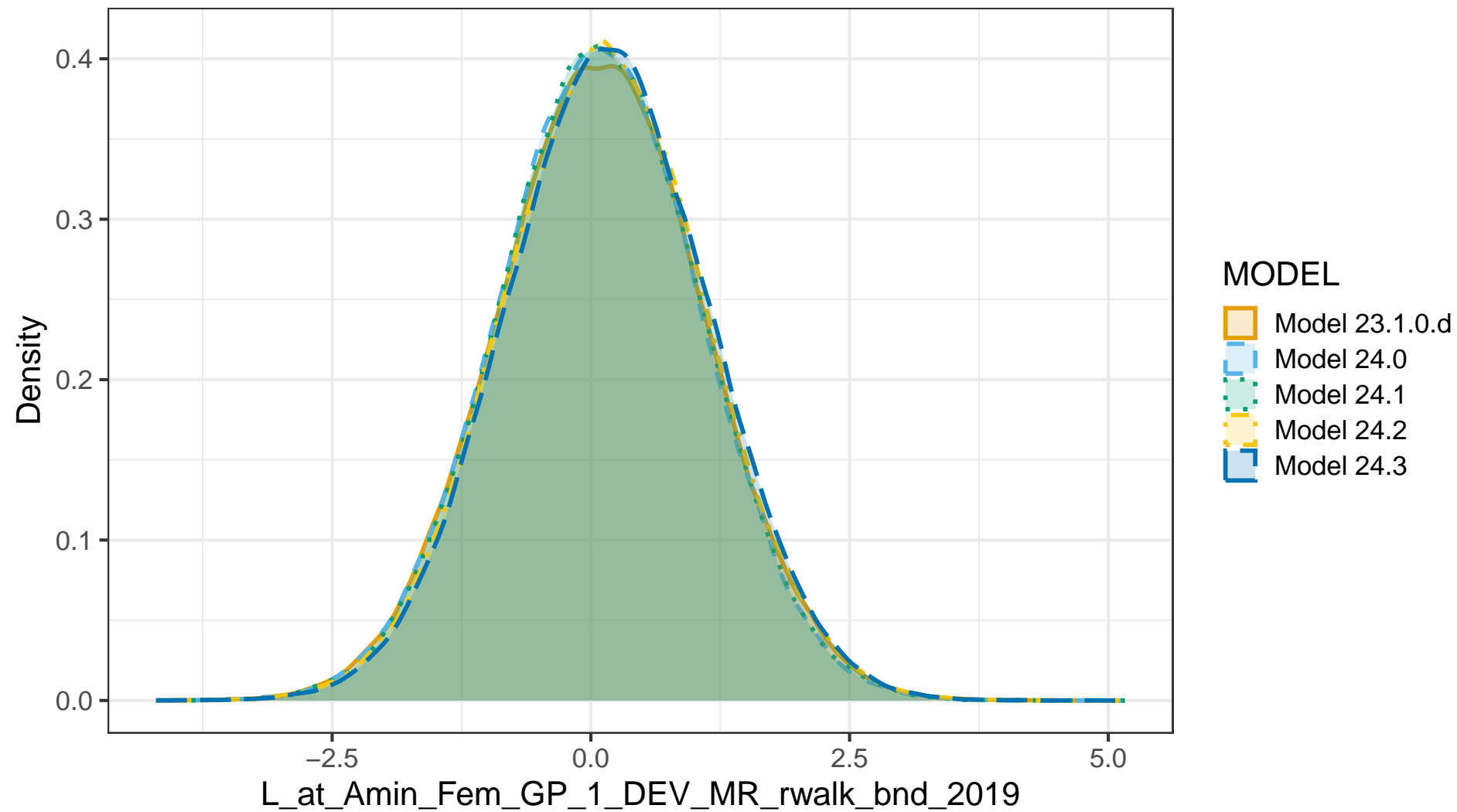
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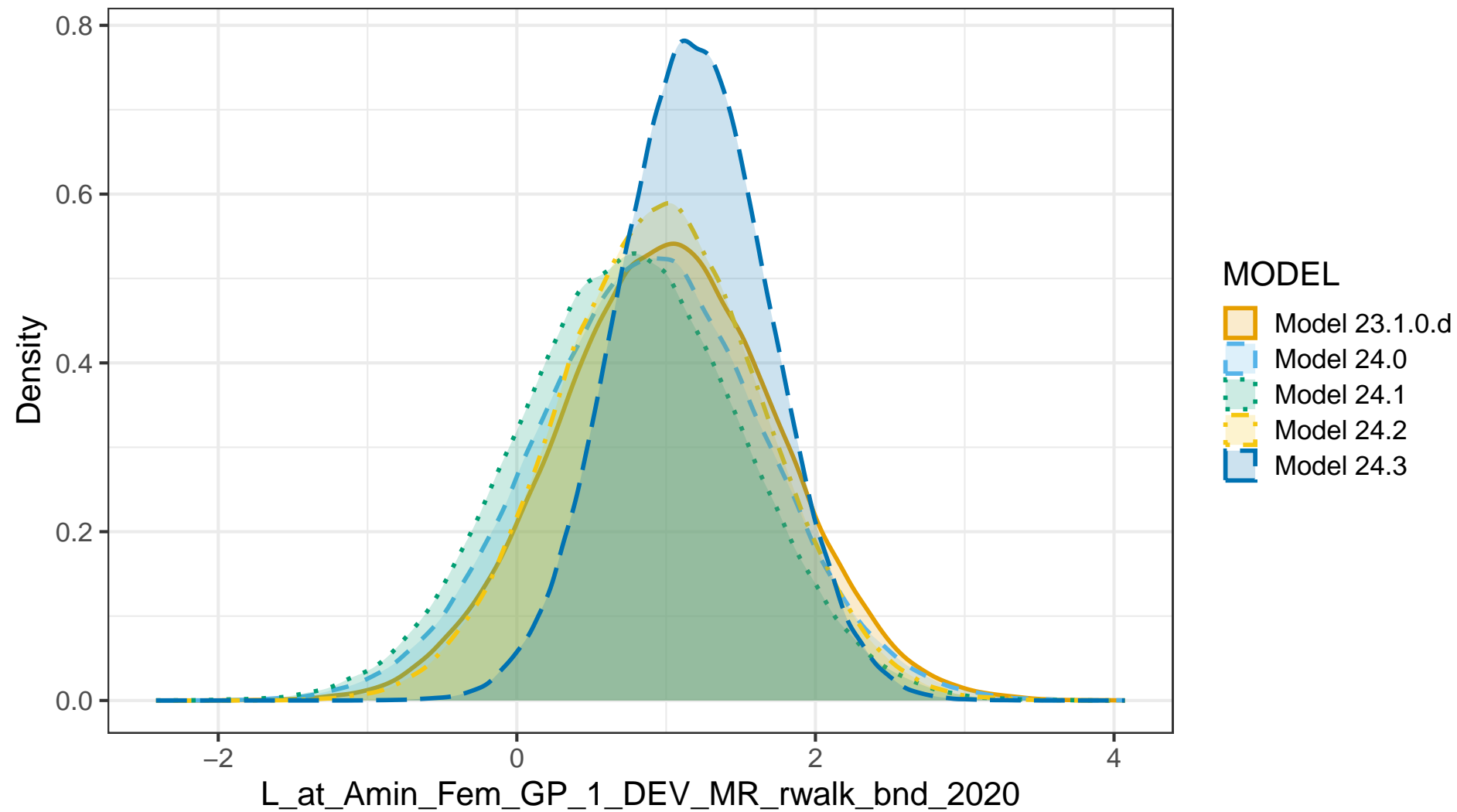
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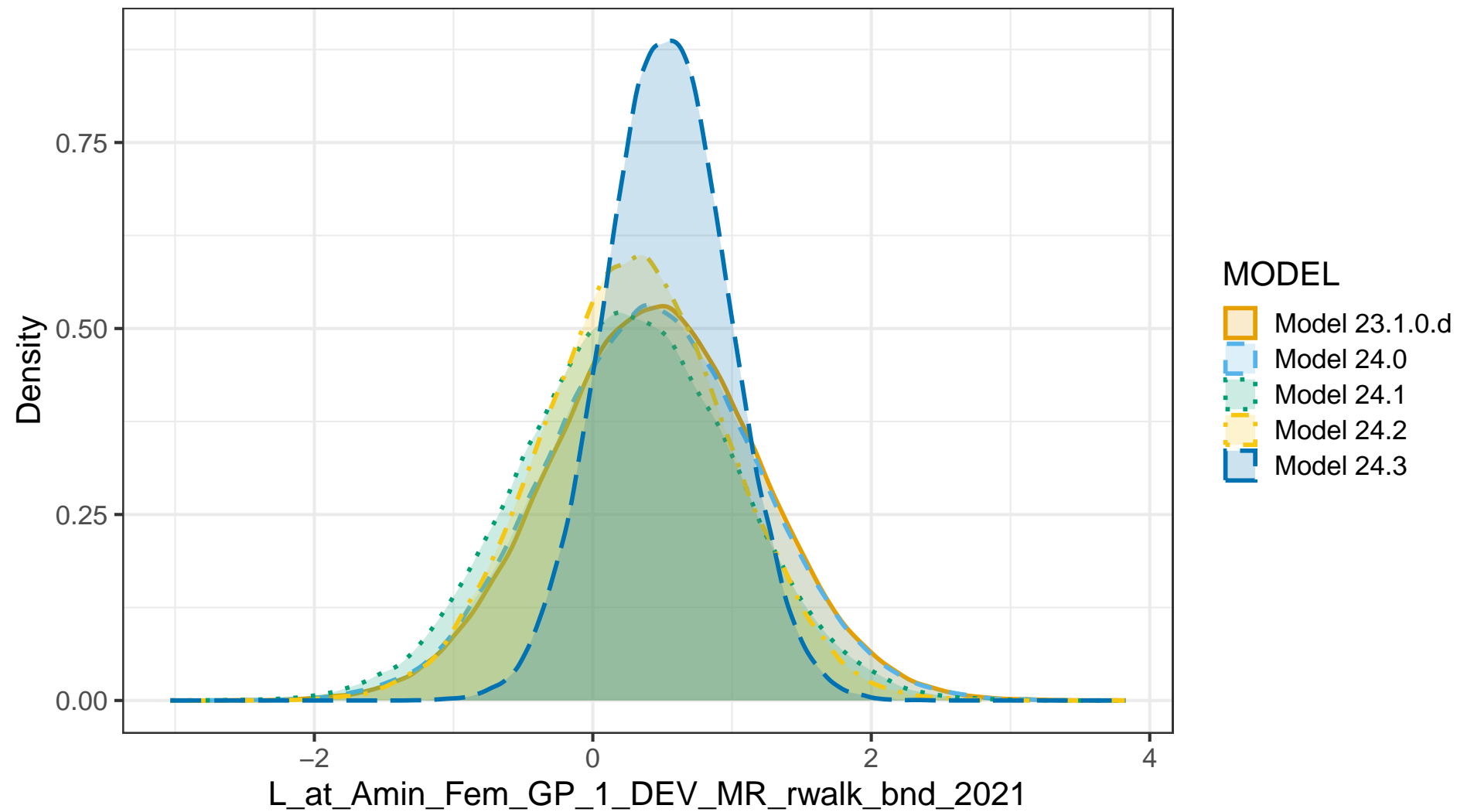
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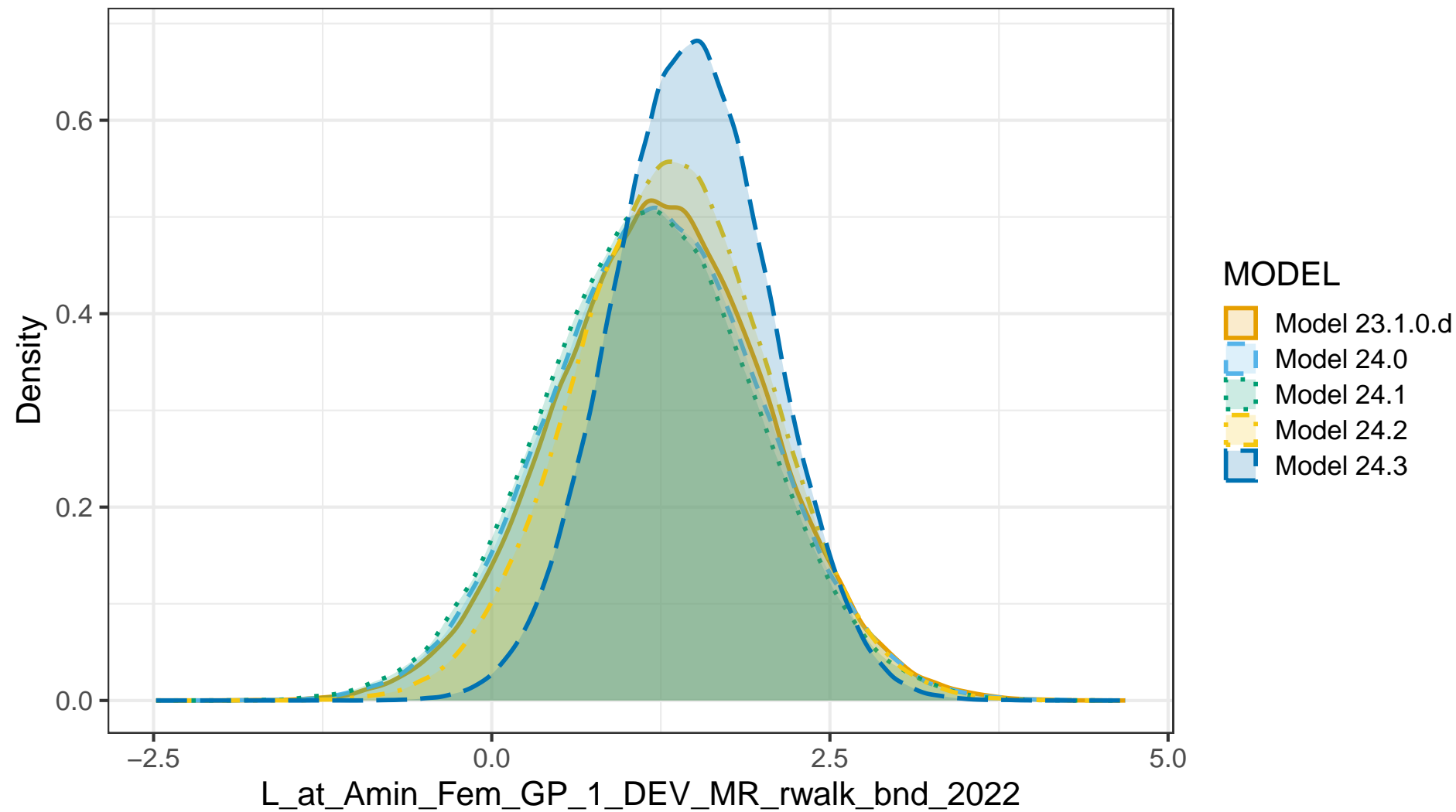
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L\_at\_Amin\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2021

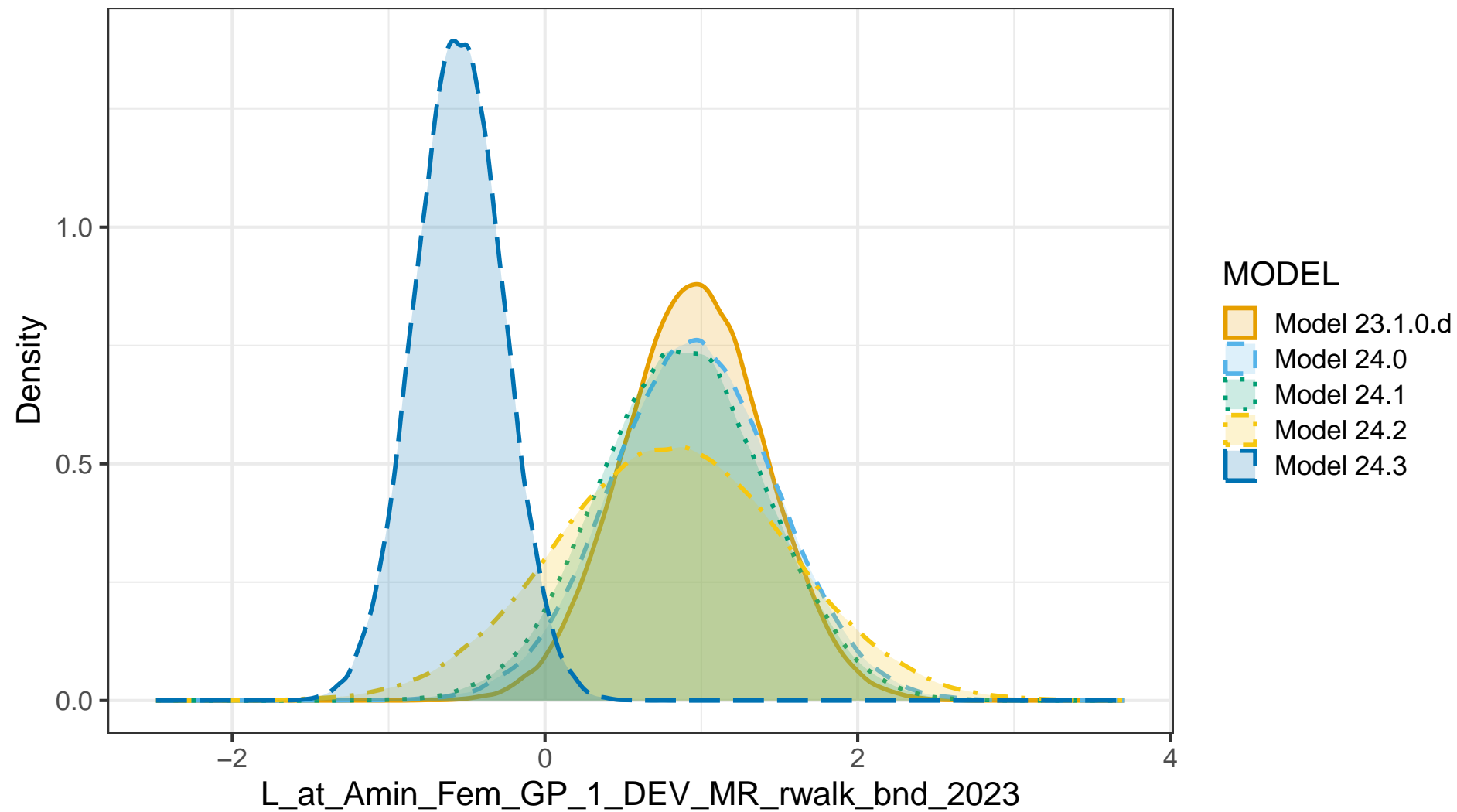


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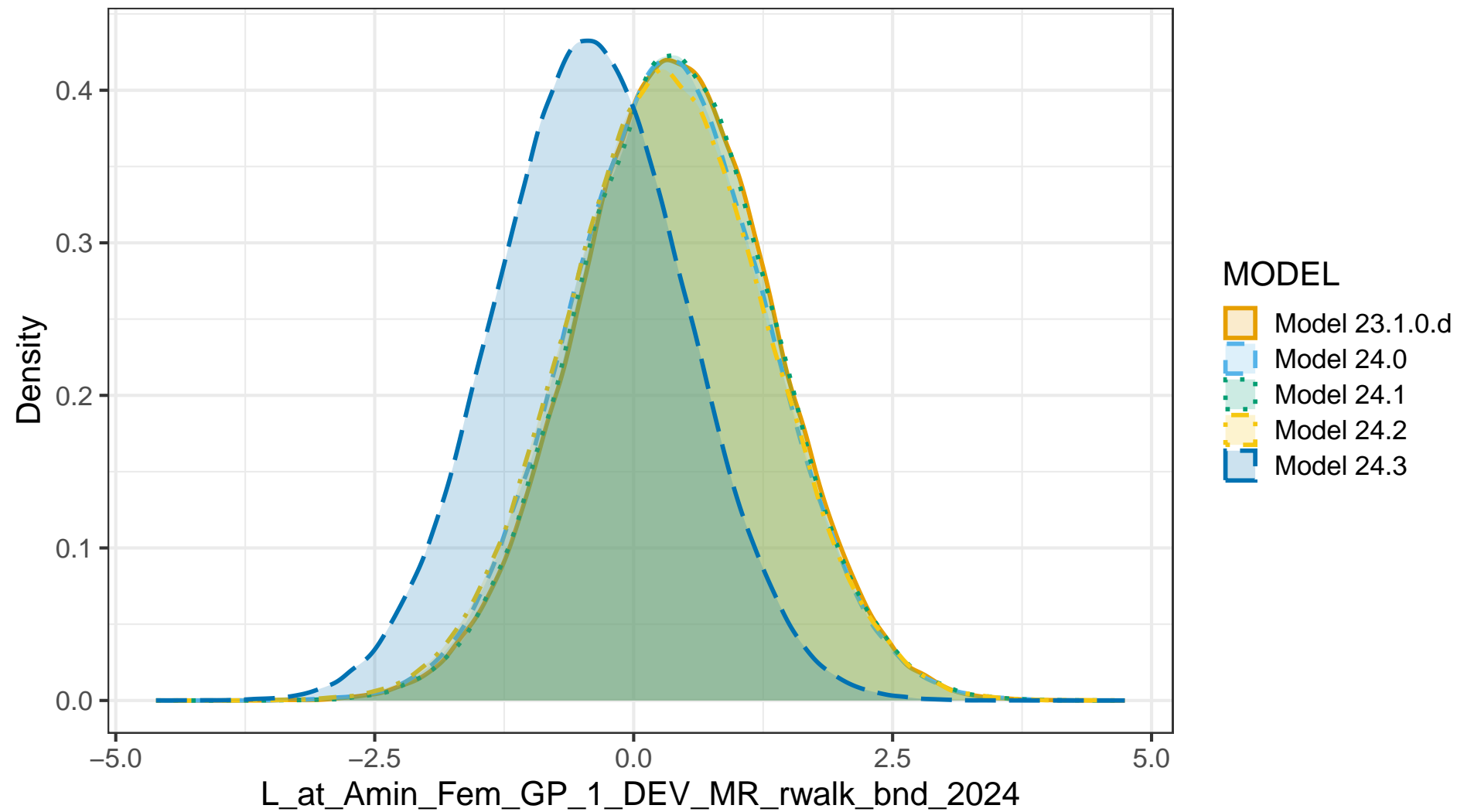




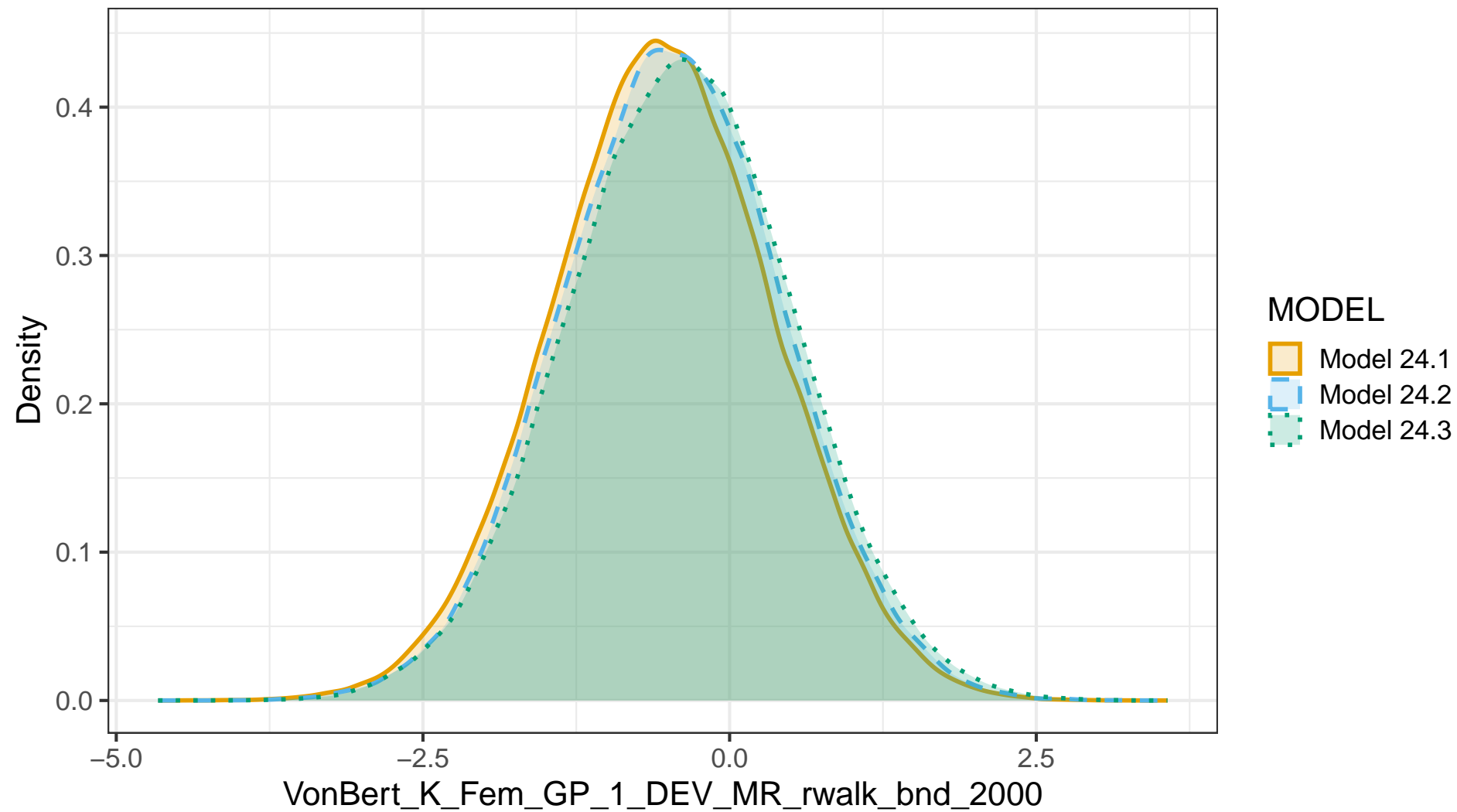
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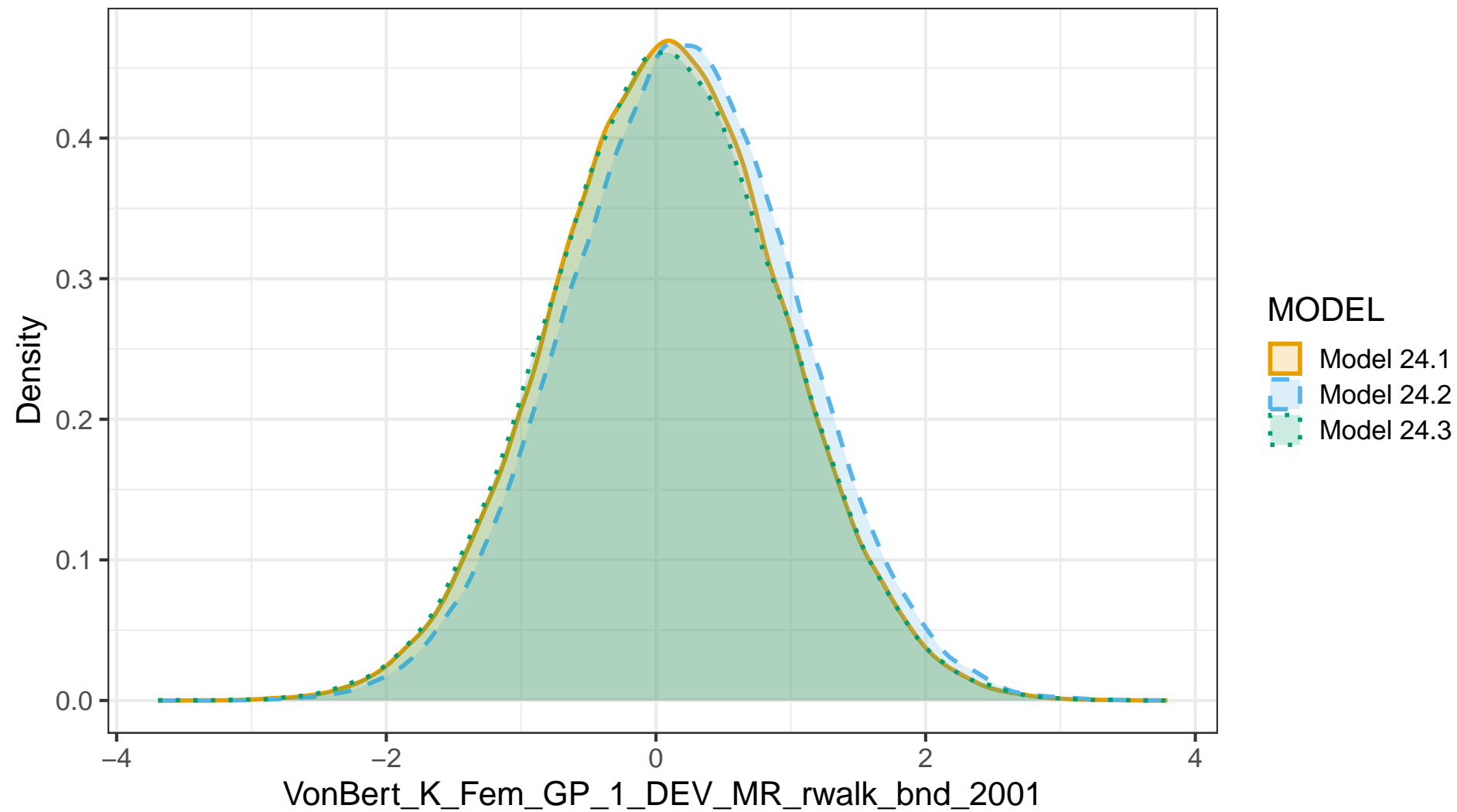
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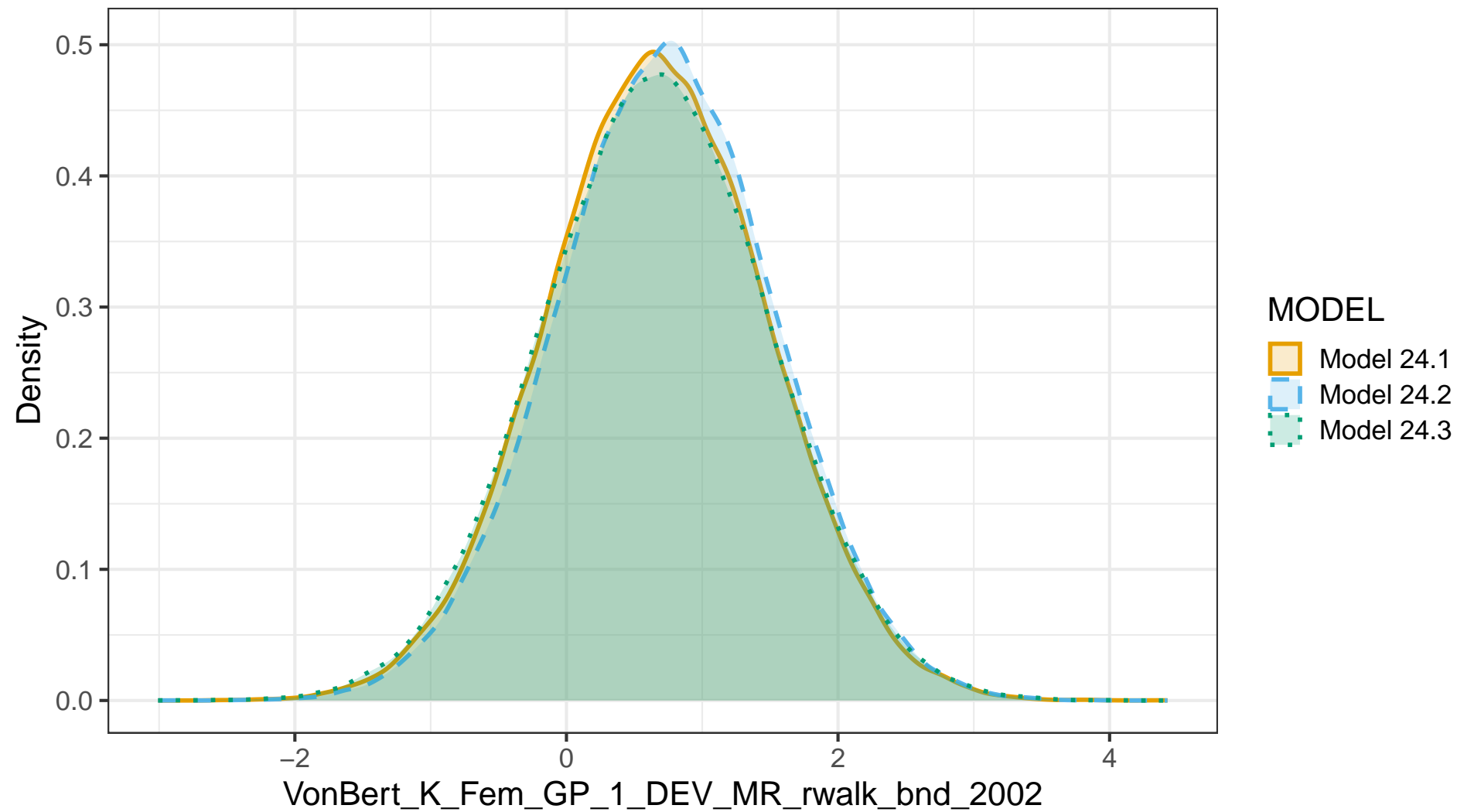
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2000



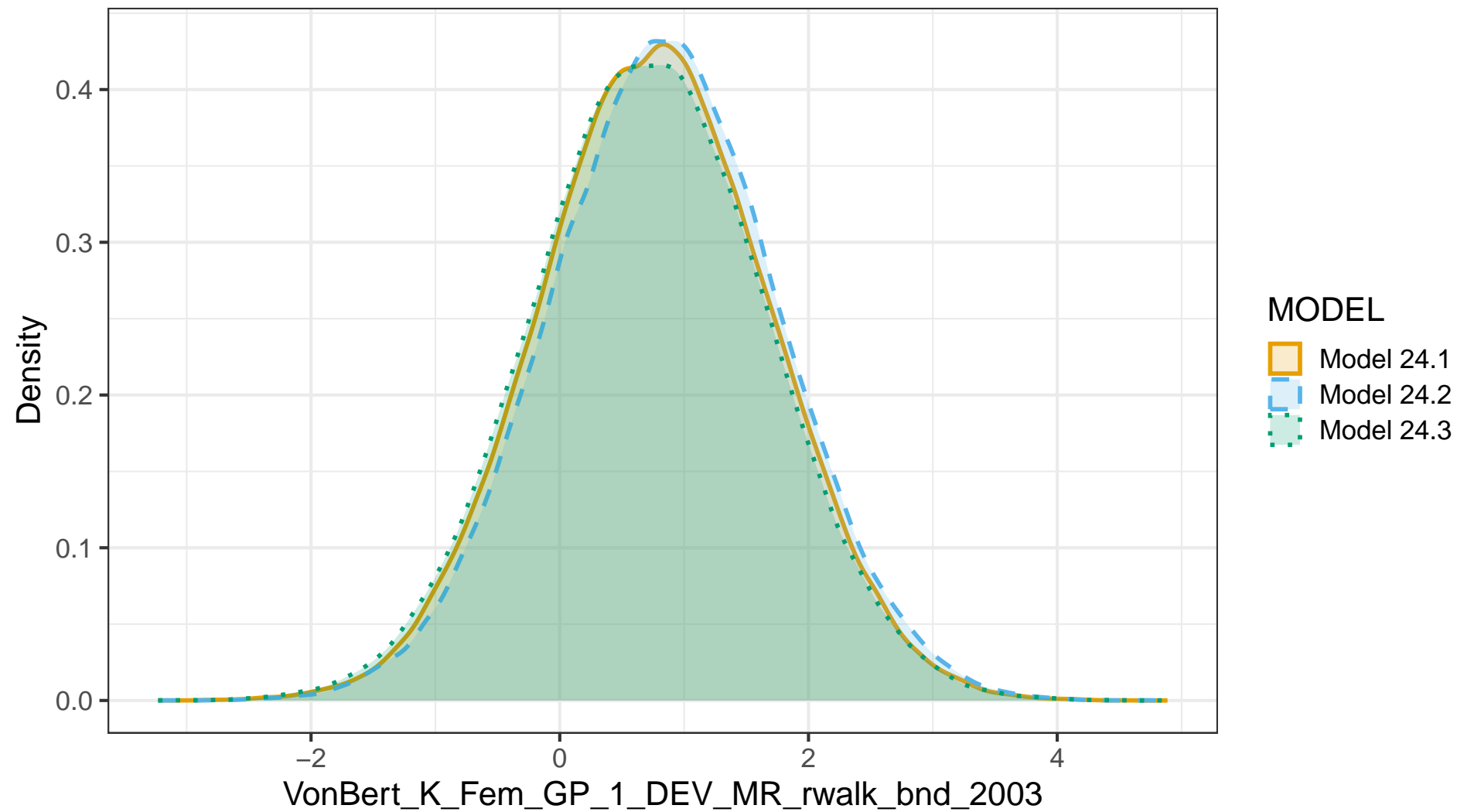
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2001



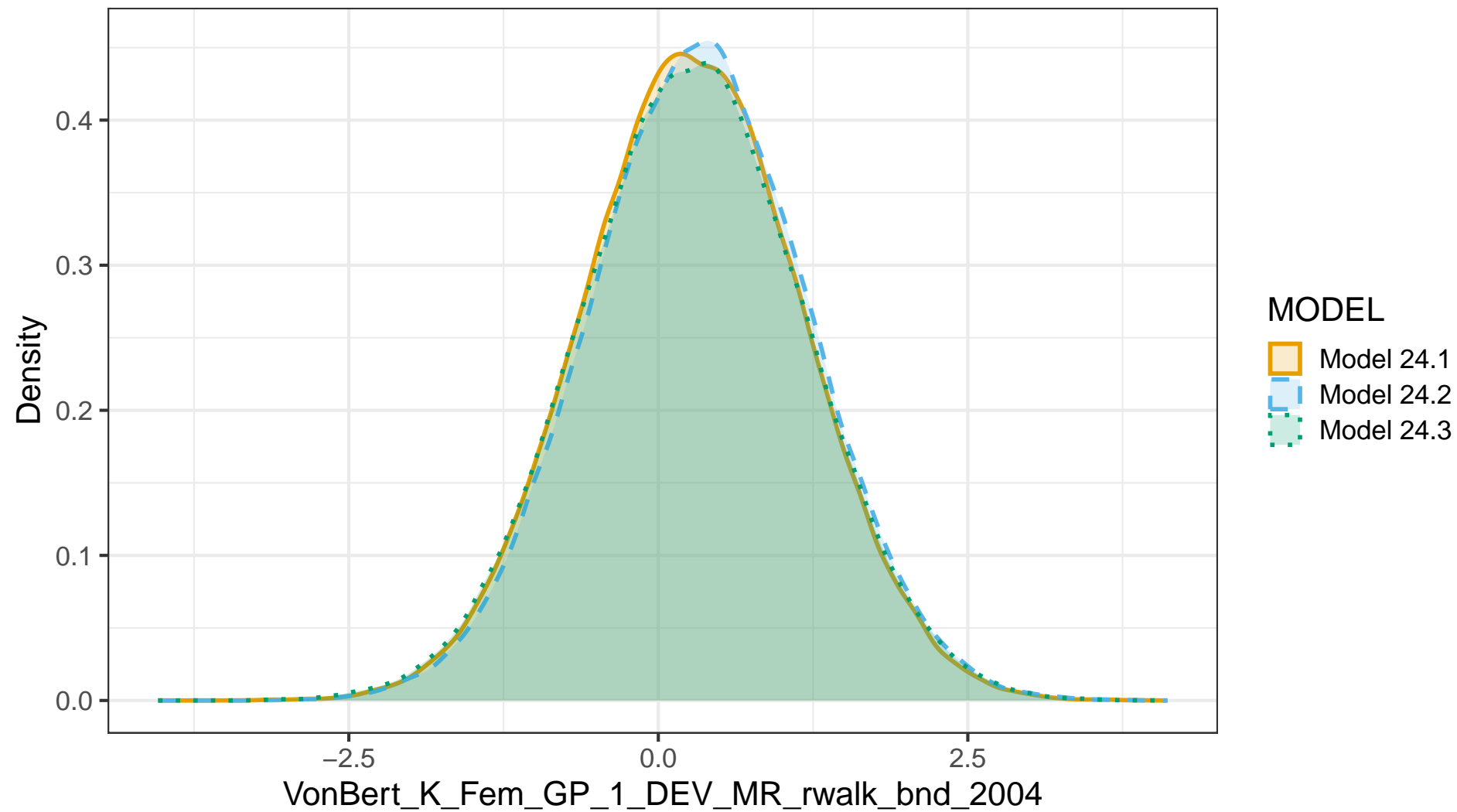
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2002



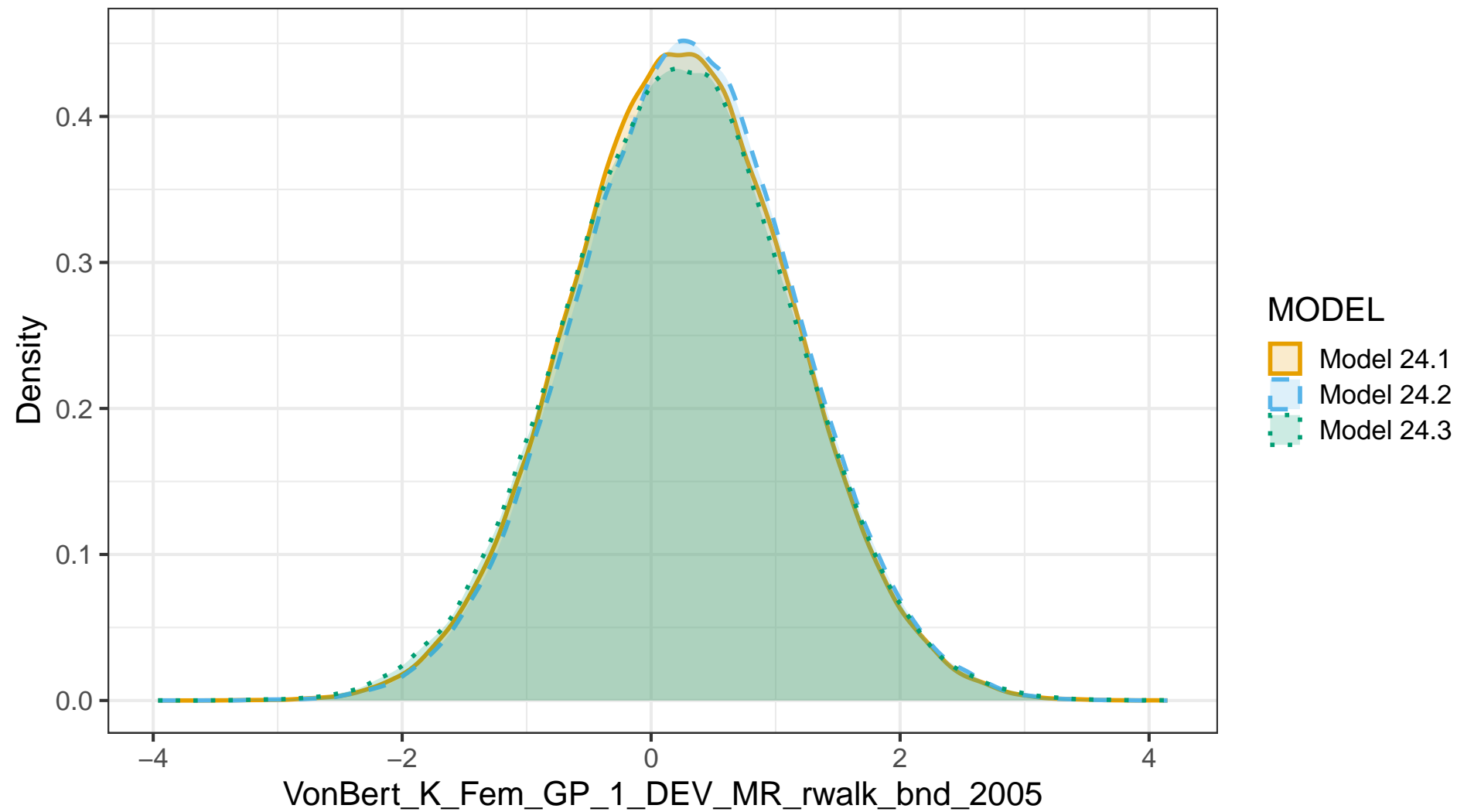
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2003



VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2004

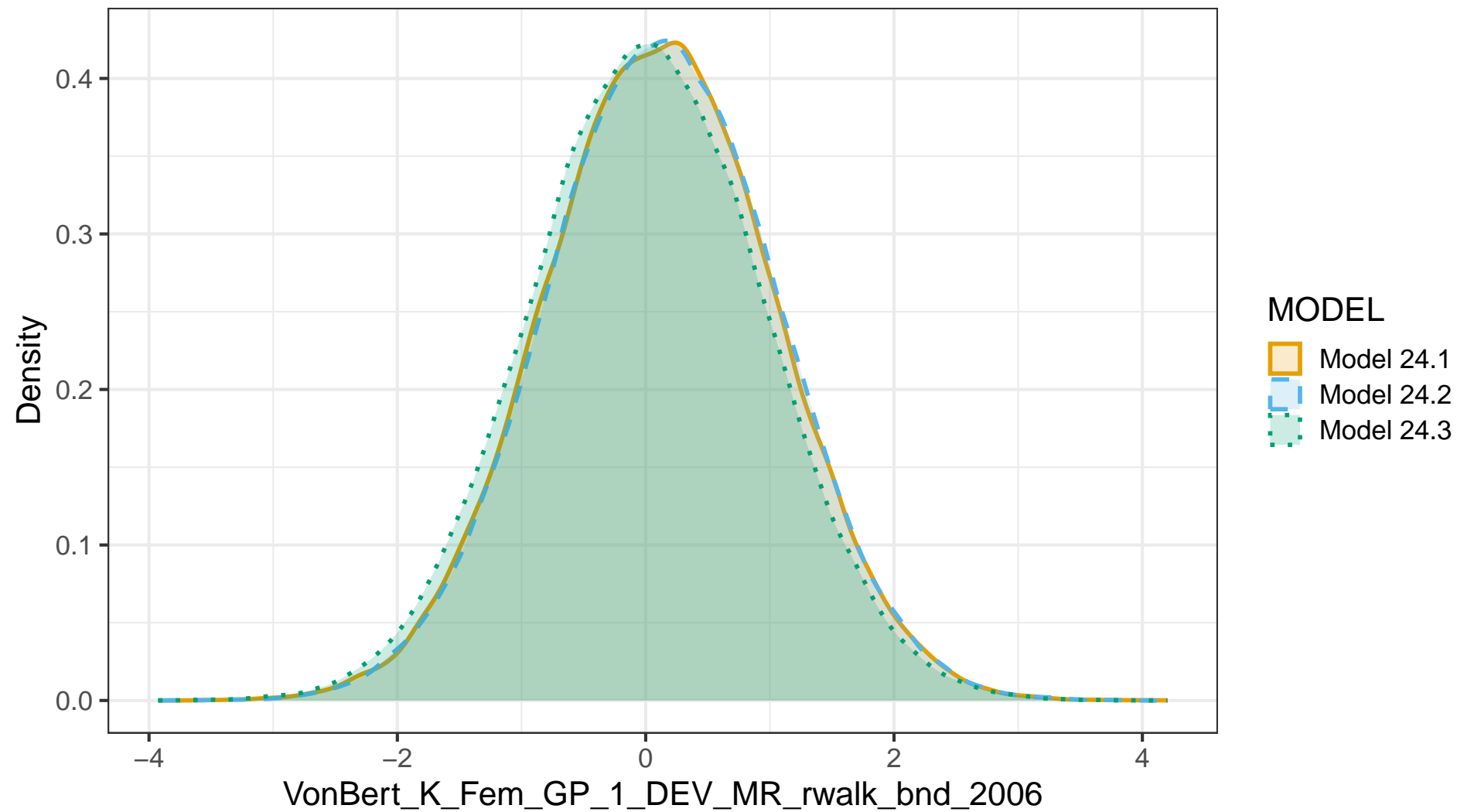


VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2005

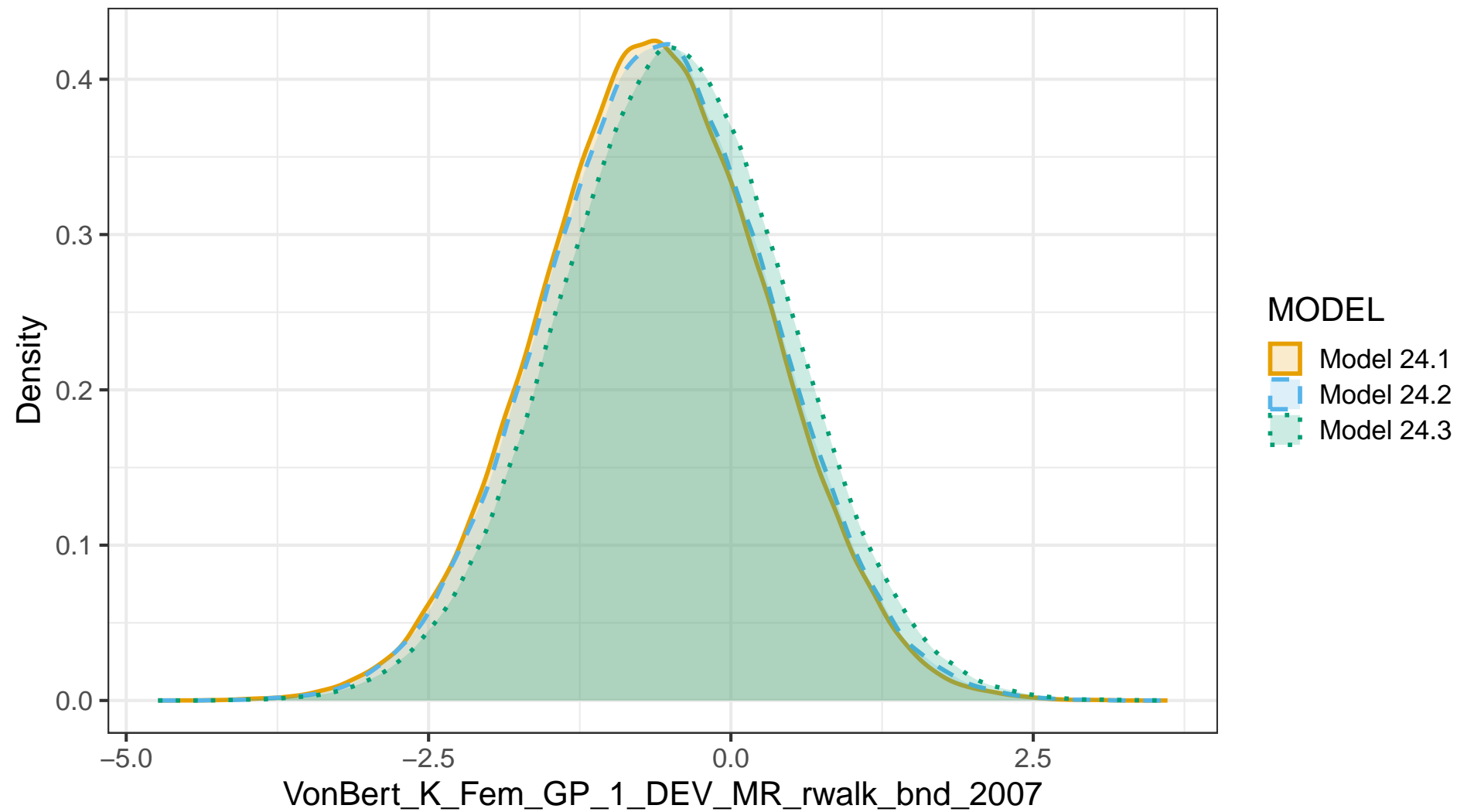




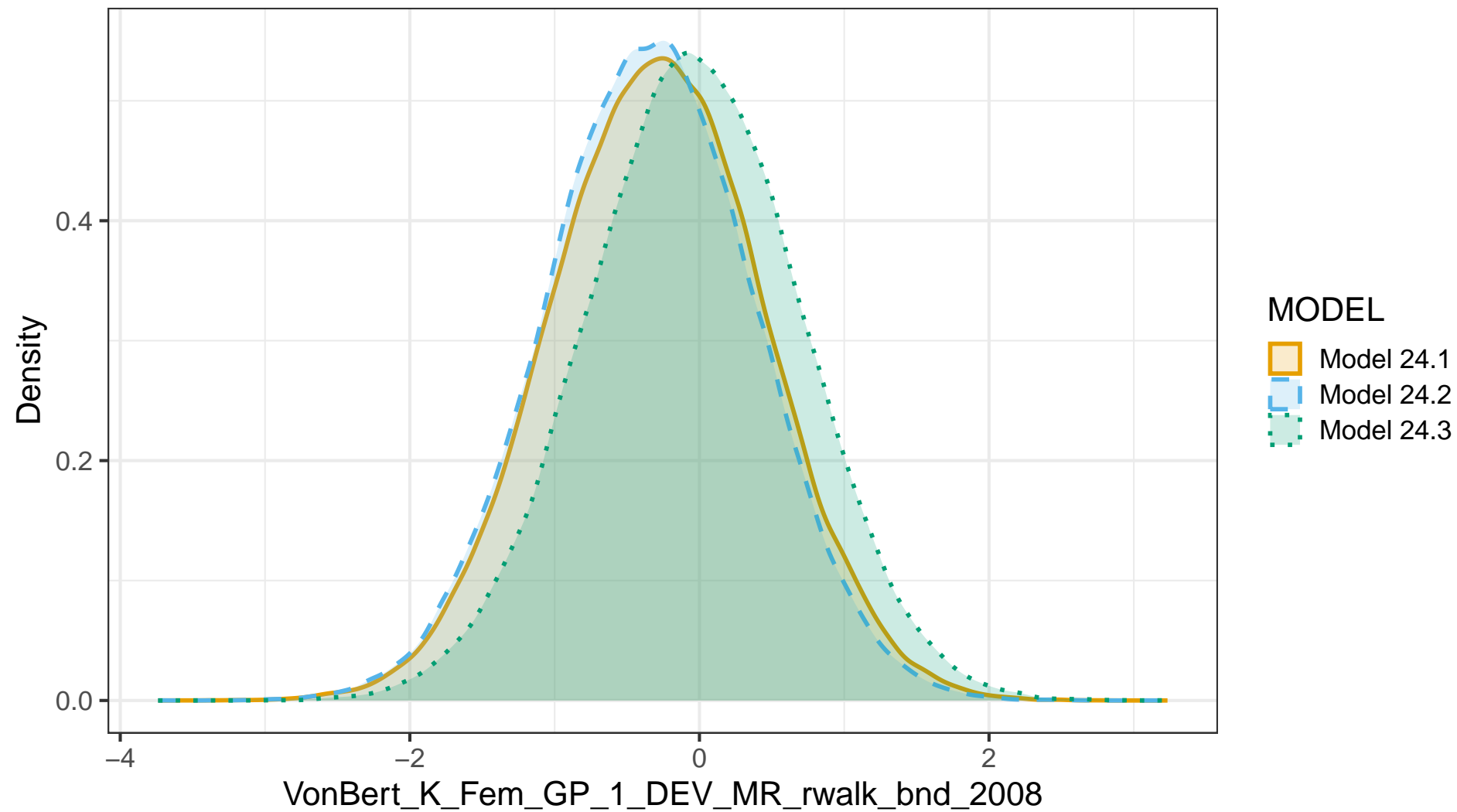
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2006



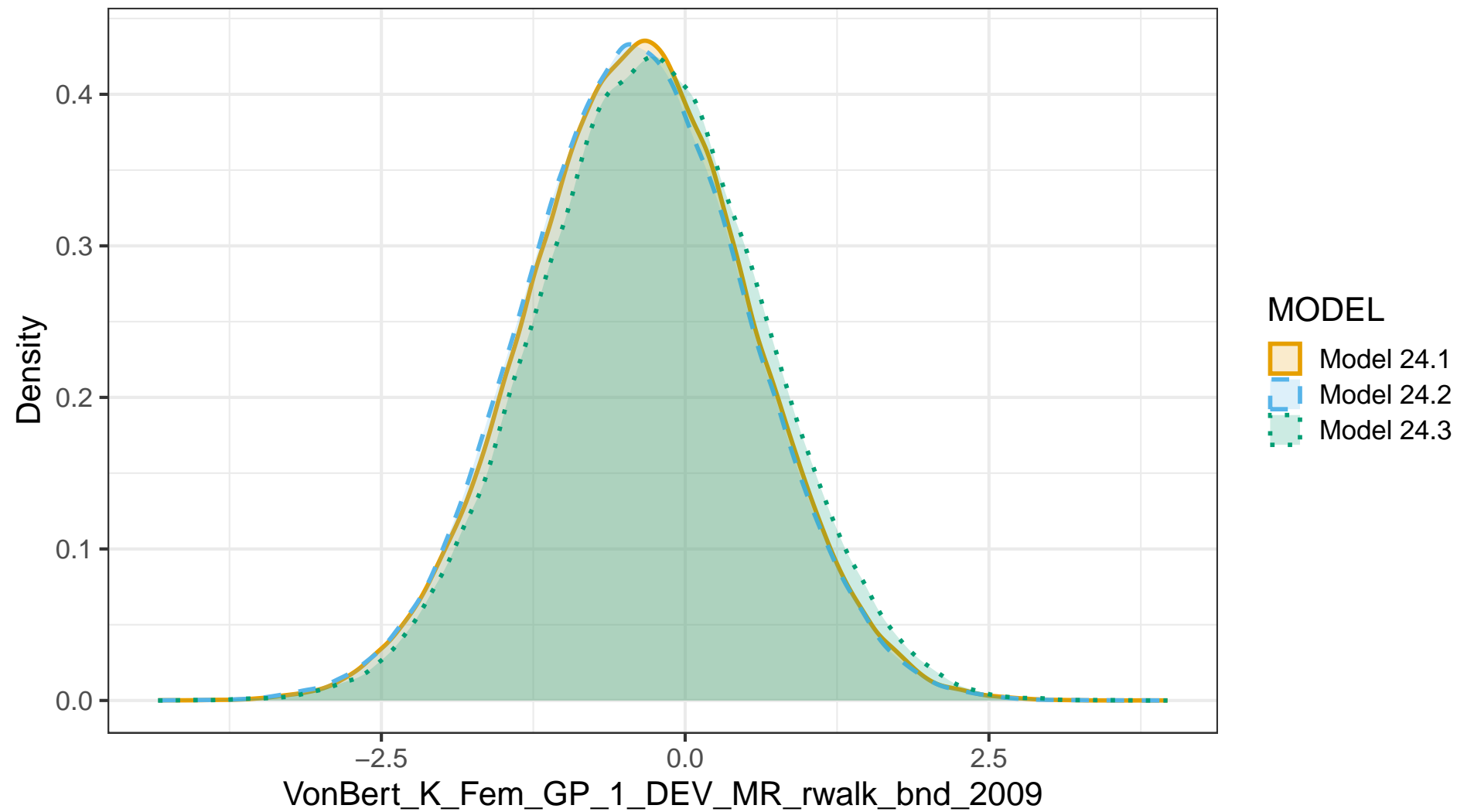
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2007



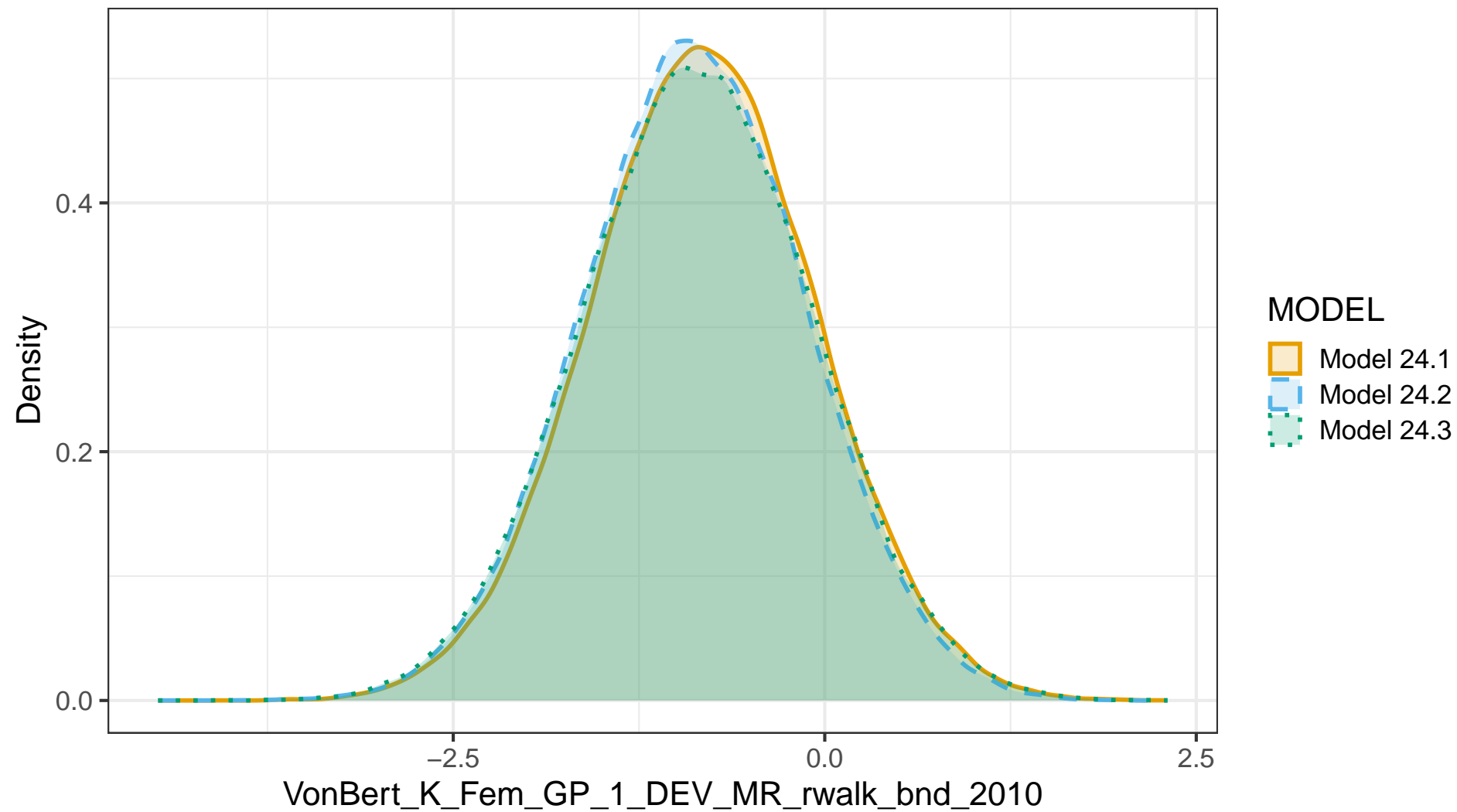
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2008



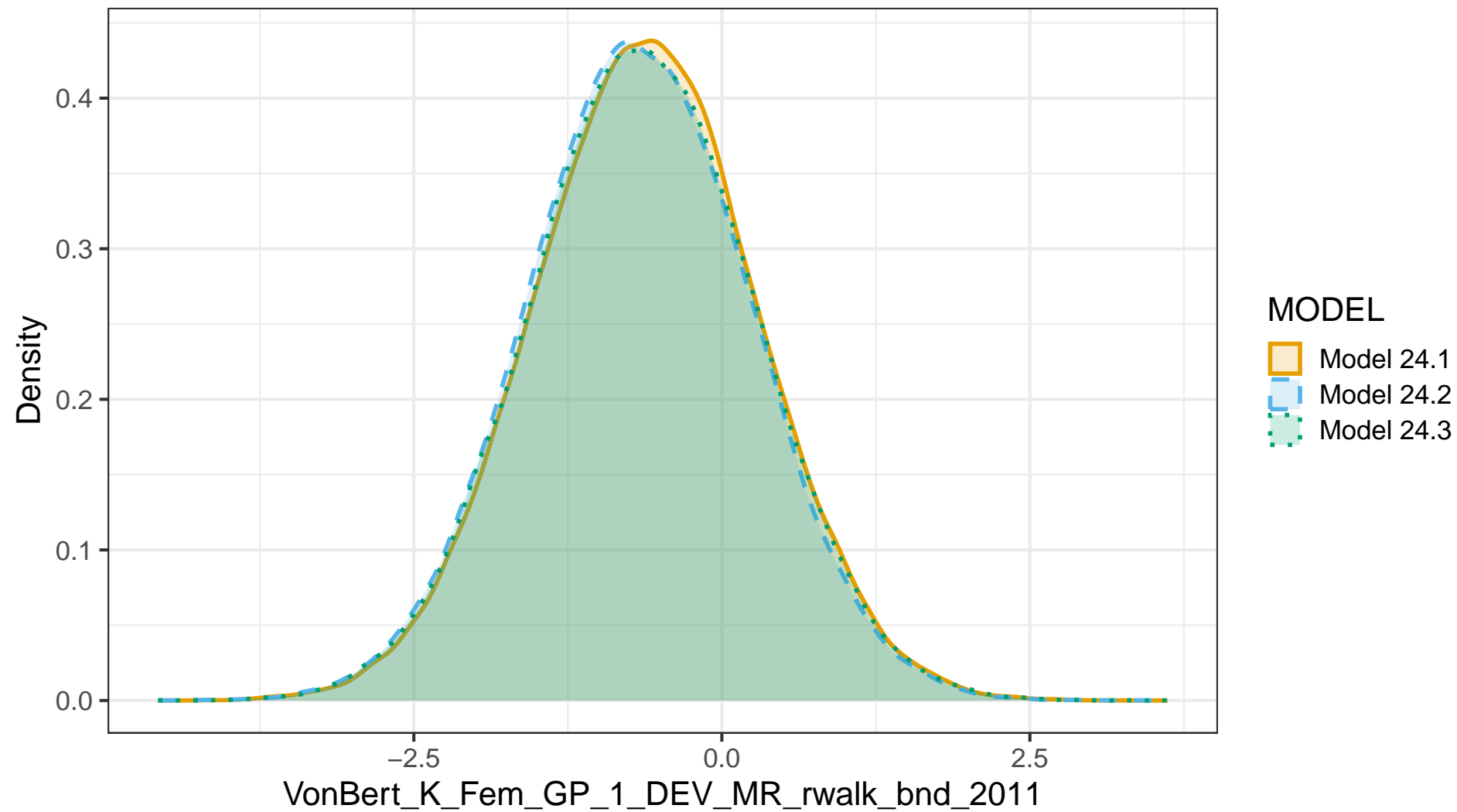
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2009



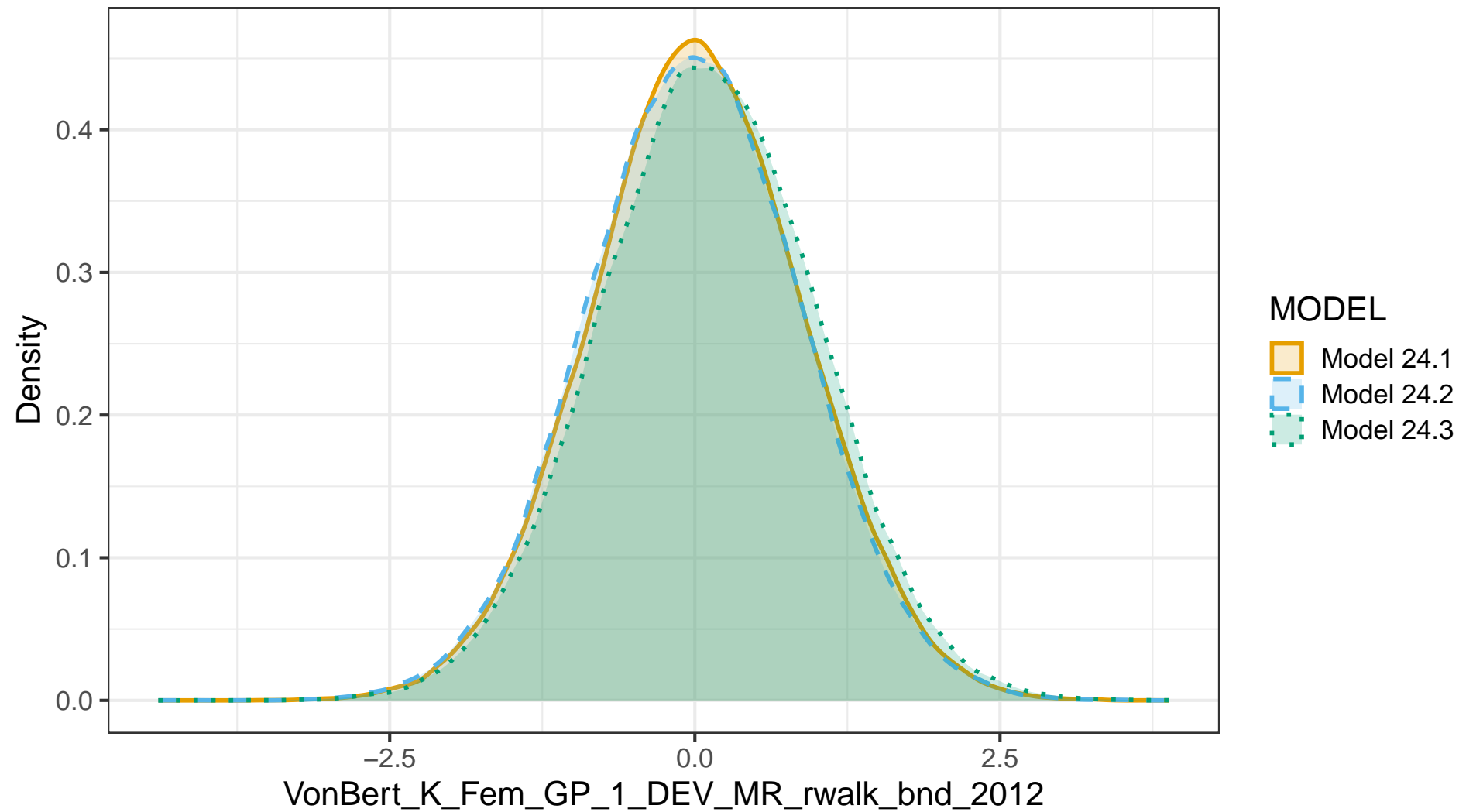
# VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2010



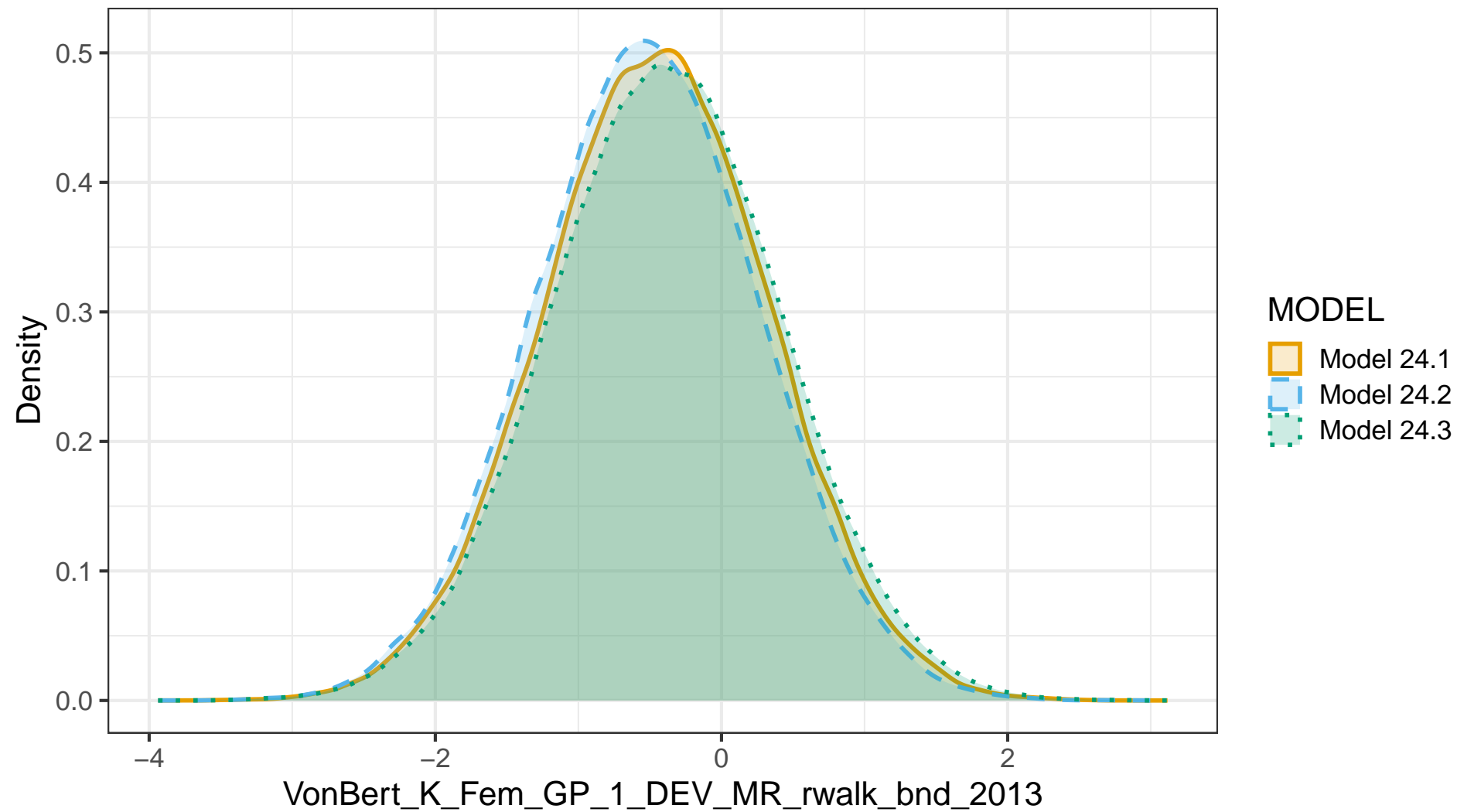
# VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2011



VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2012

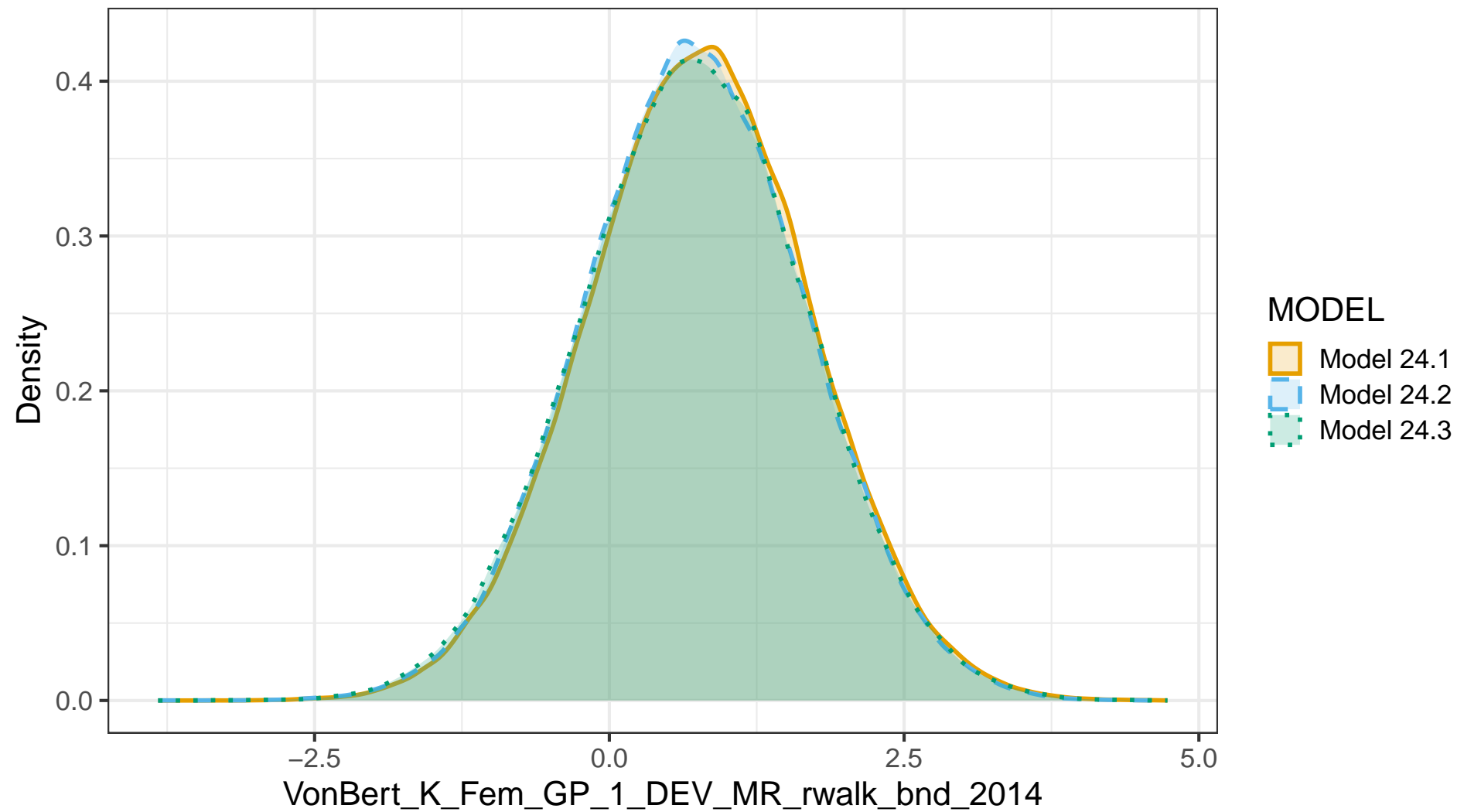


VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2013

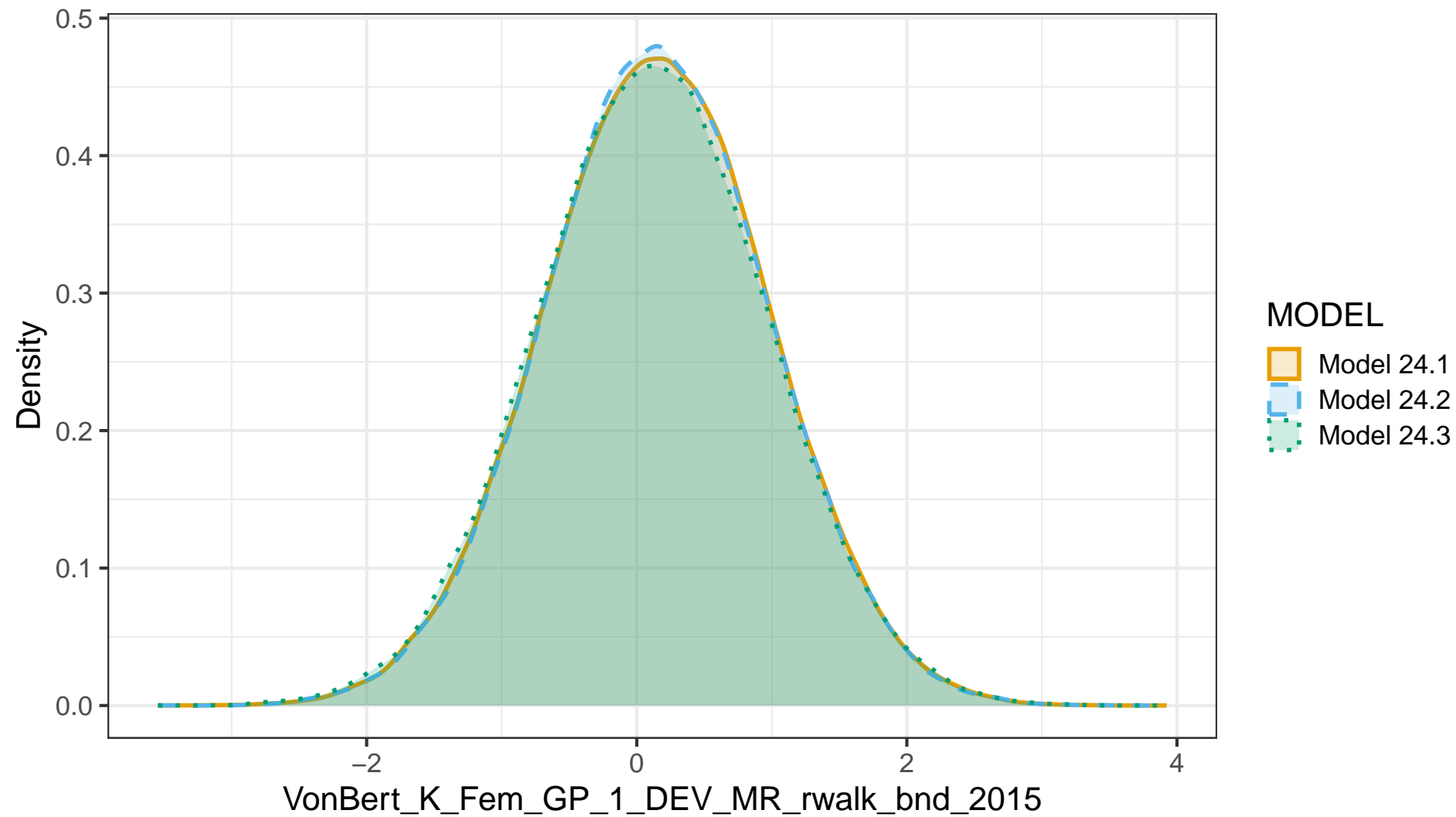




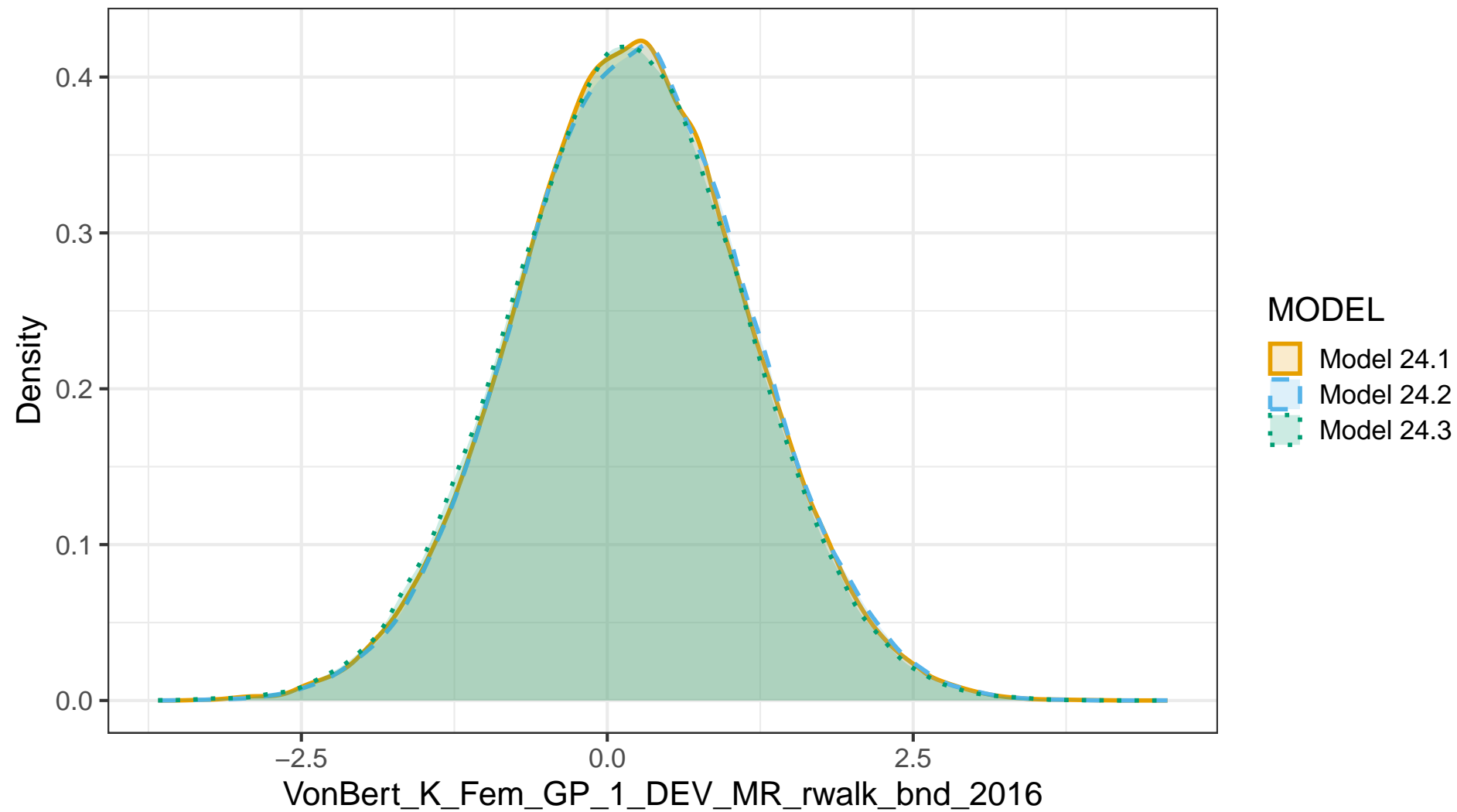
# VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2014



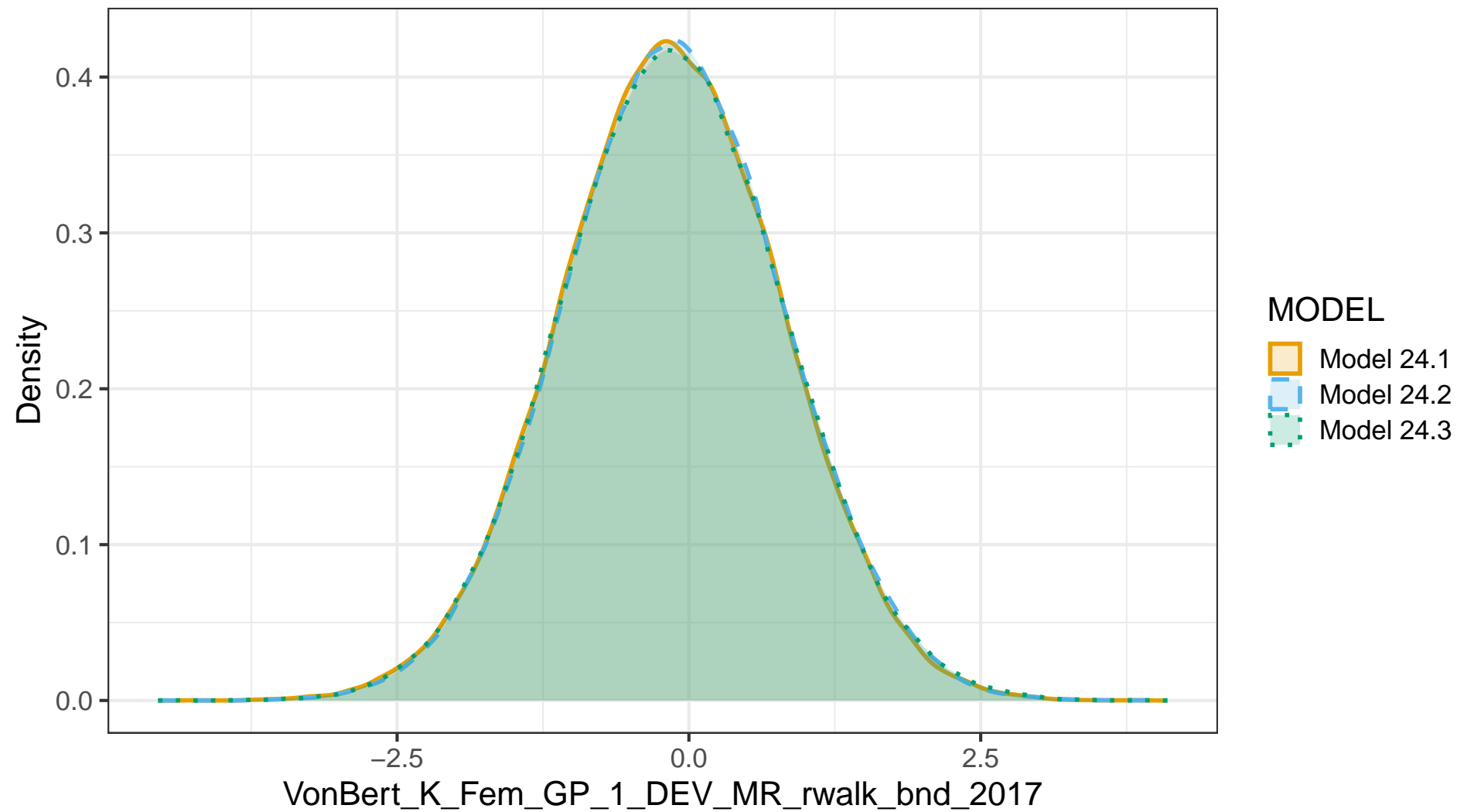
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2015



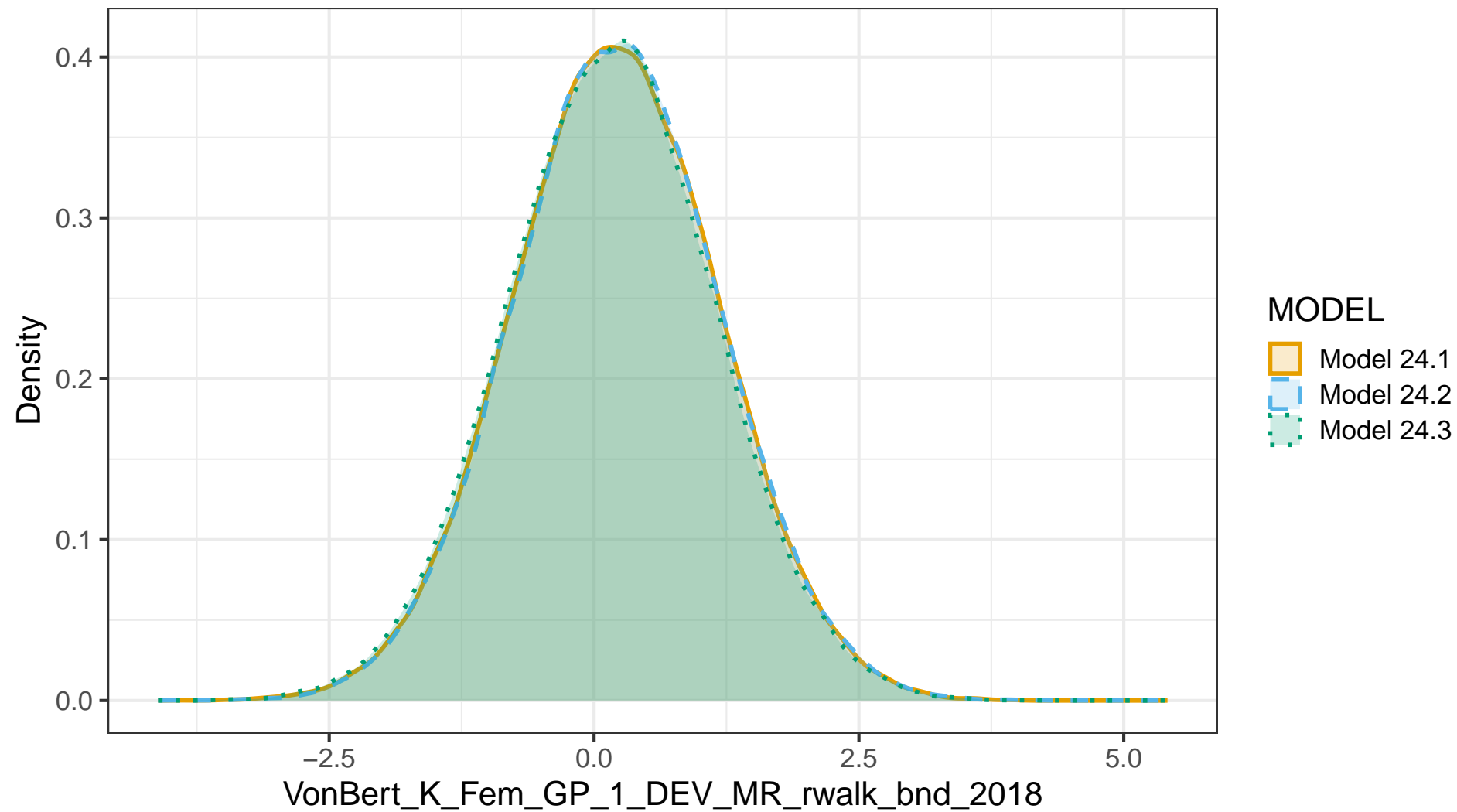
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2016



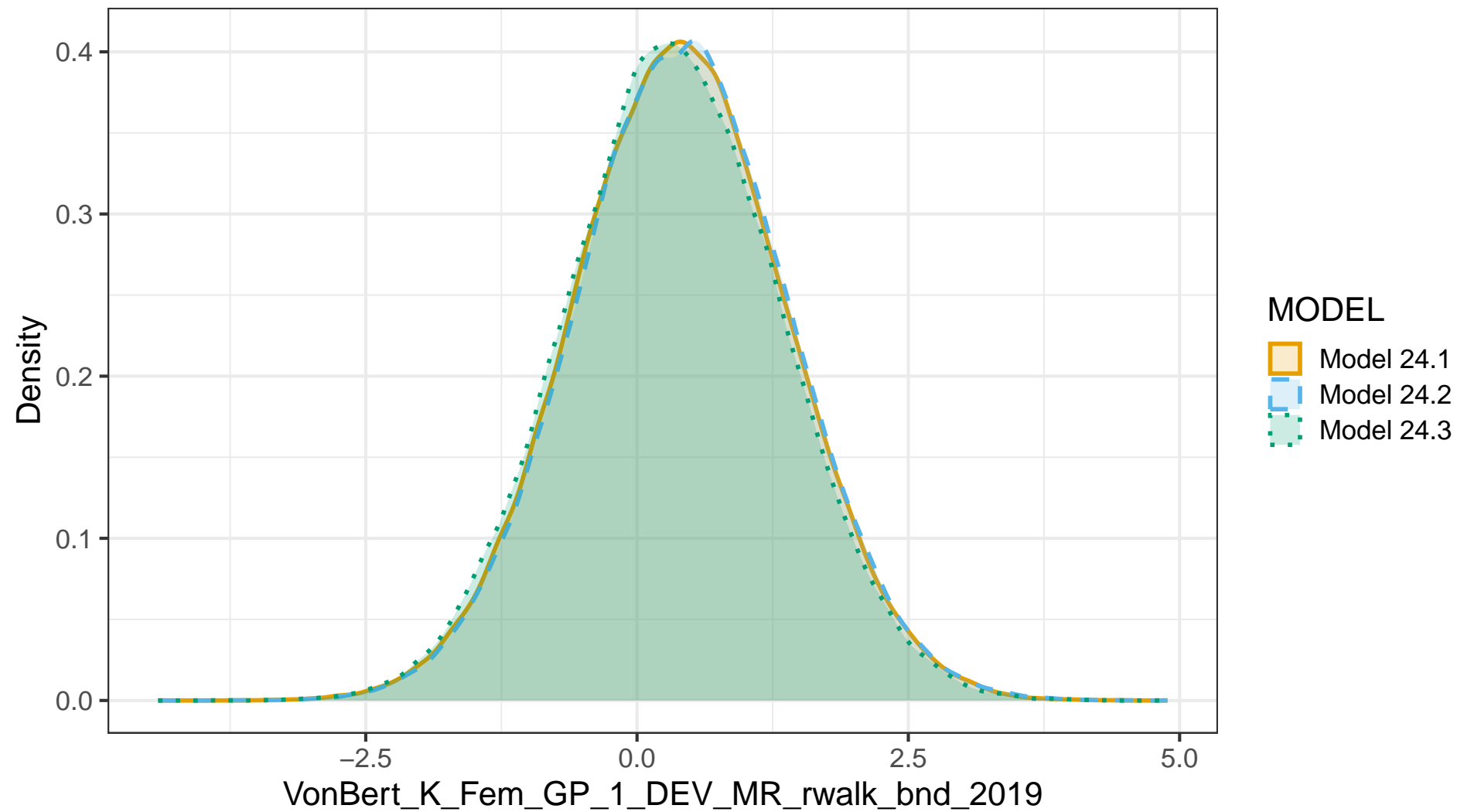
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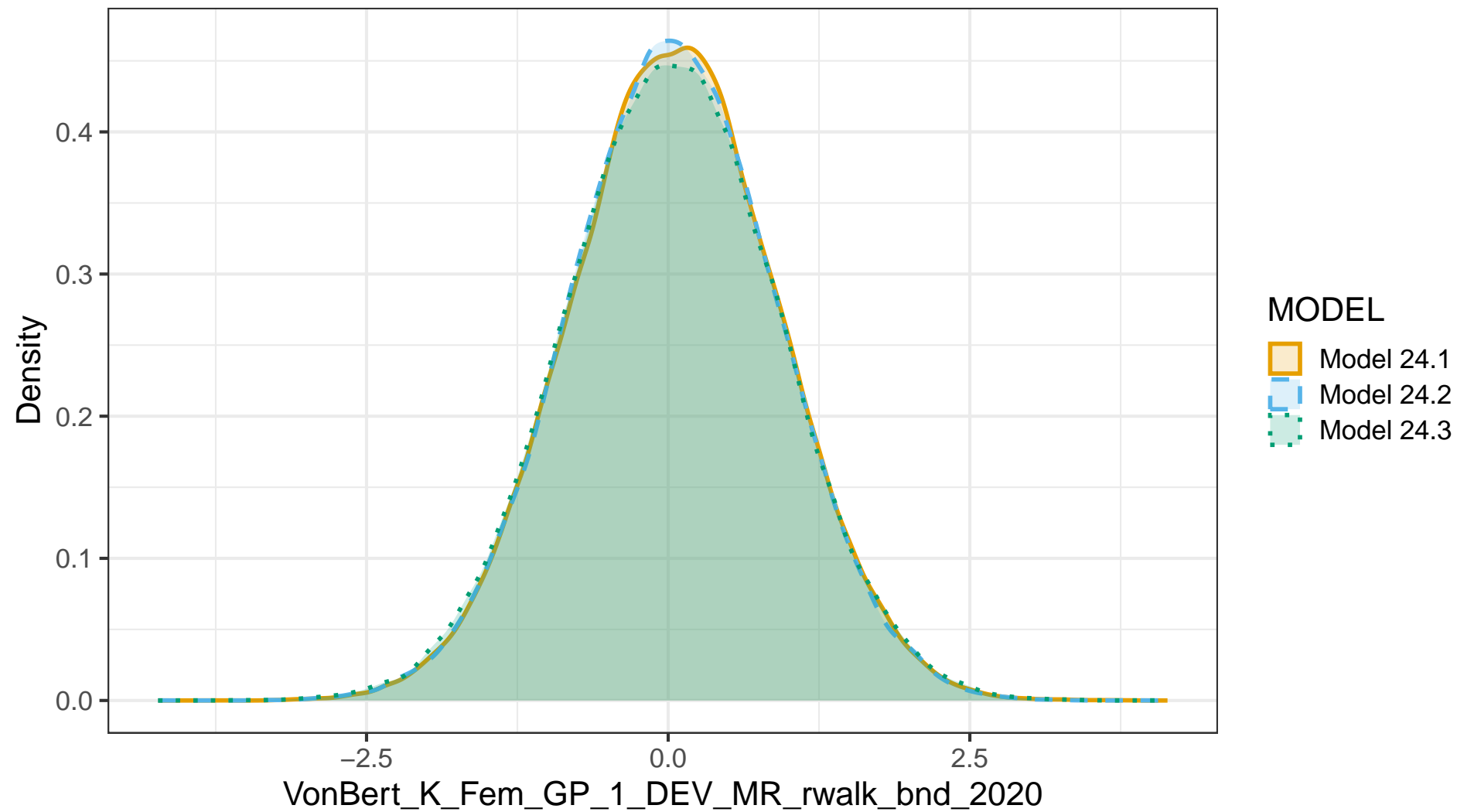
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2018



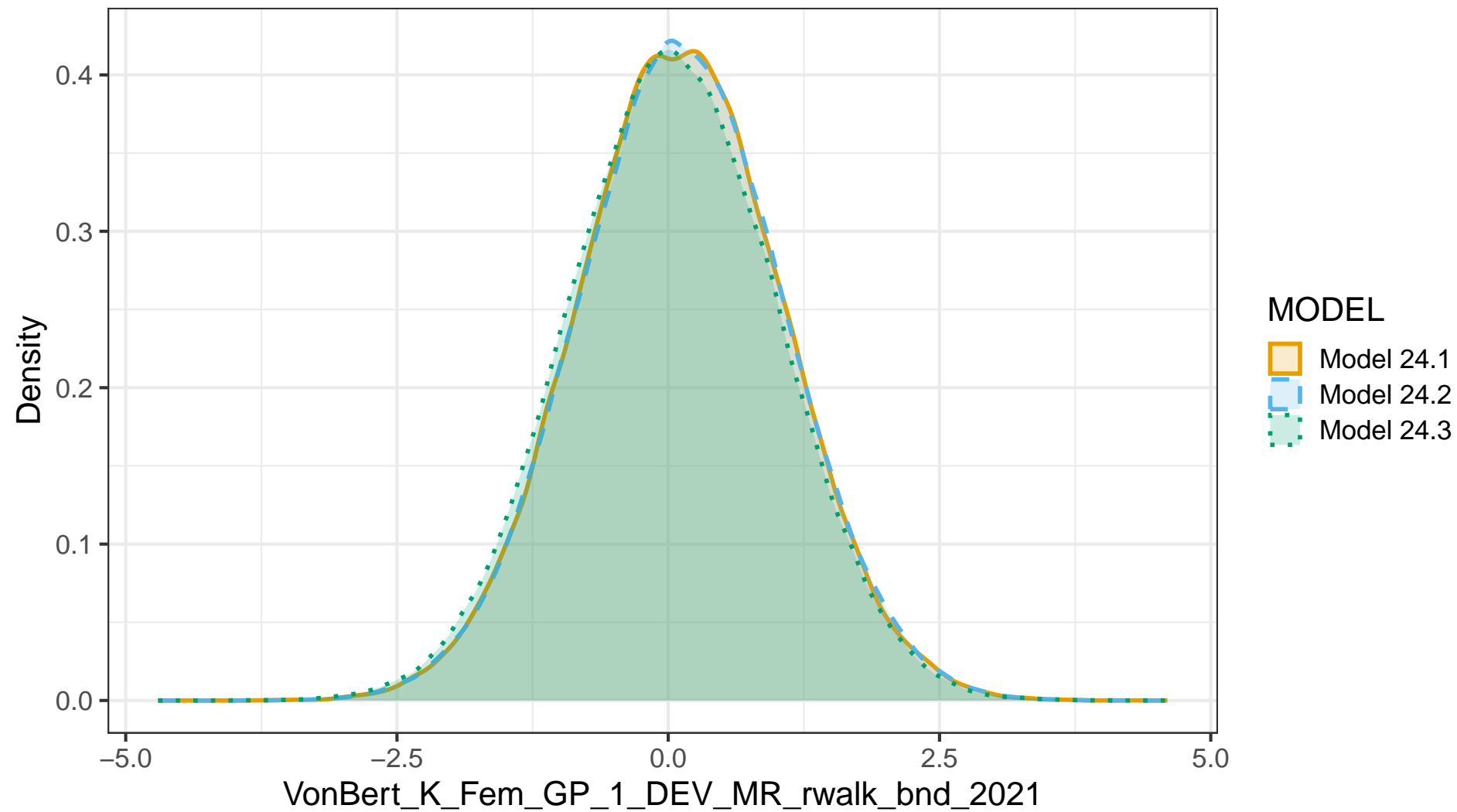
VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2019



VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2020

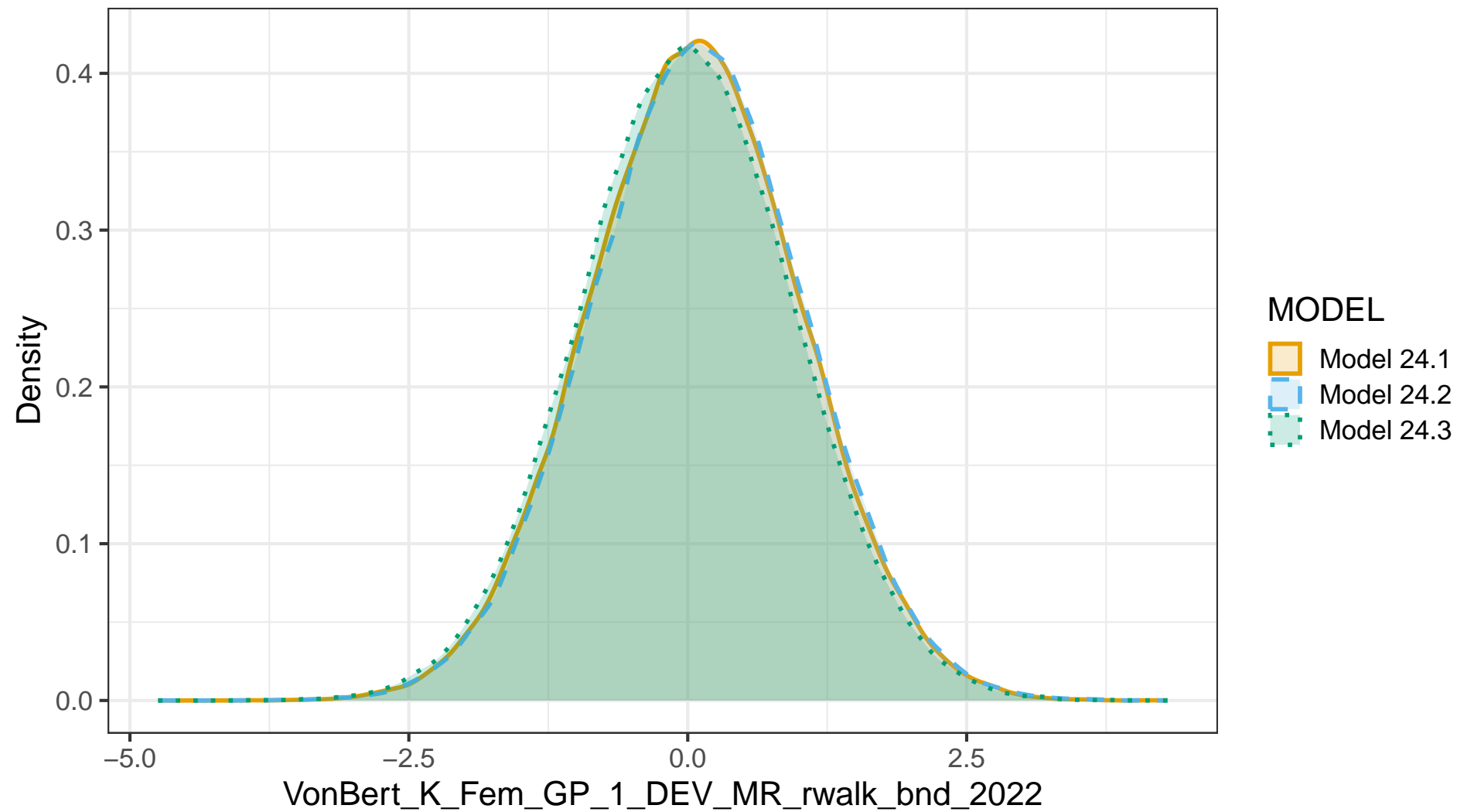


VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2021

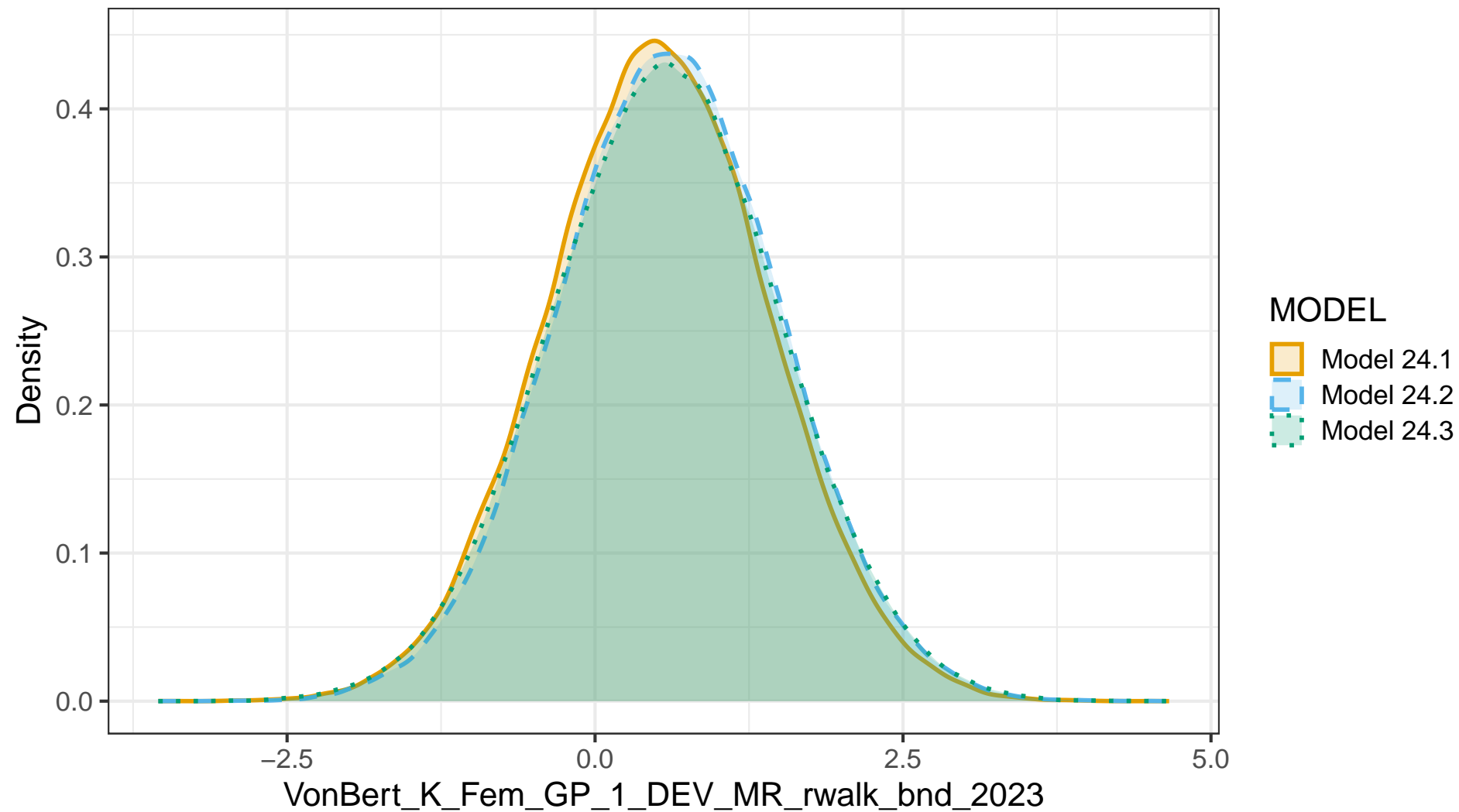




VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2022



VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2023



VonBert\_K\_Fem\_GP\_1\_DEV\_MR\_rwalk\_bnd\_2024

