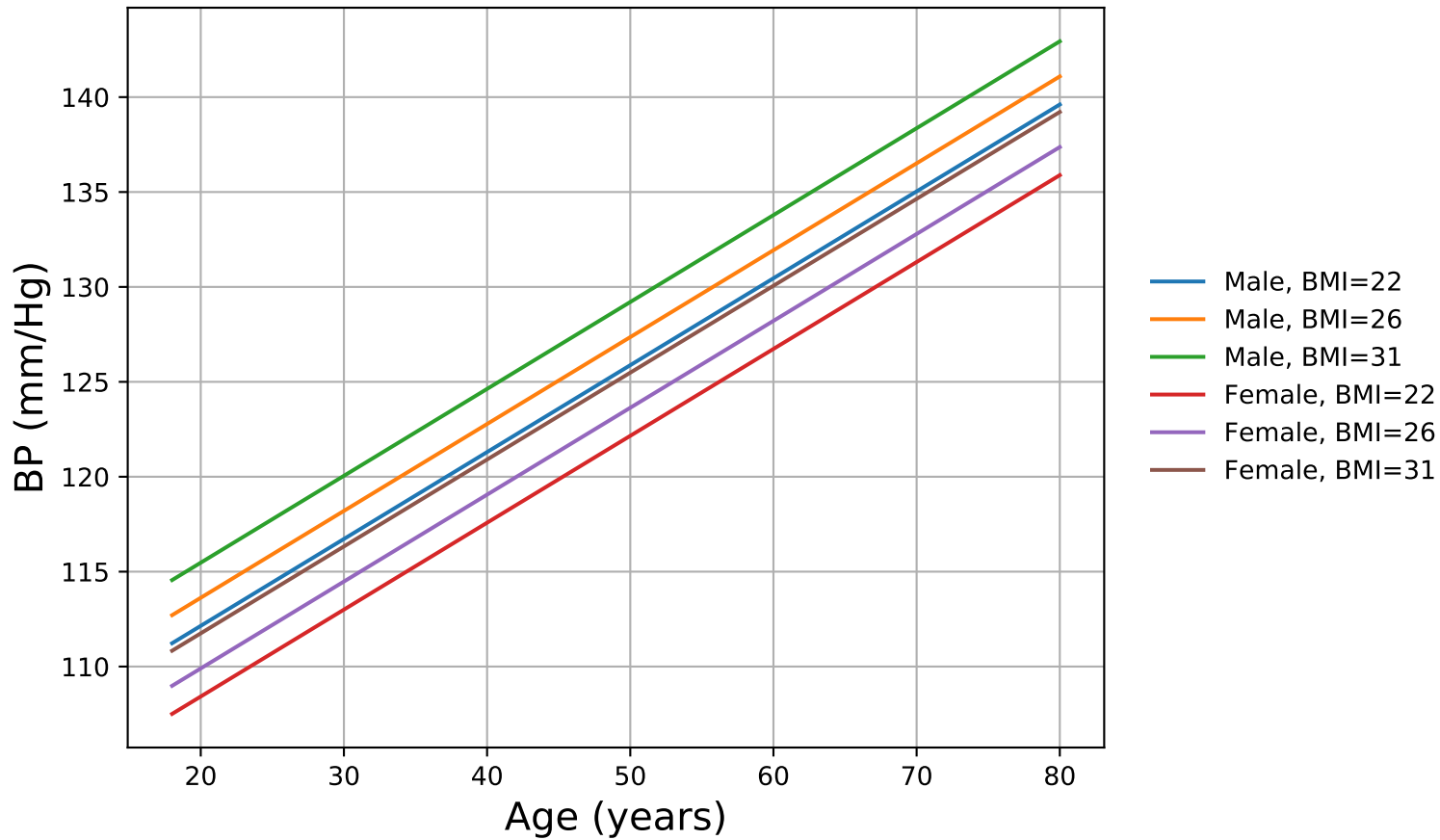
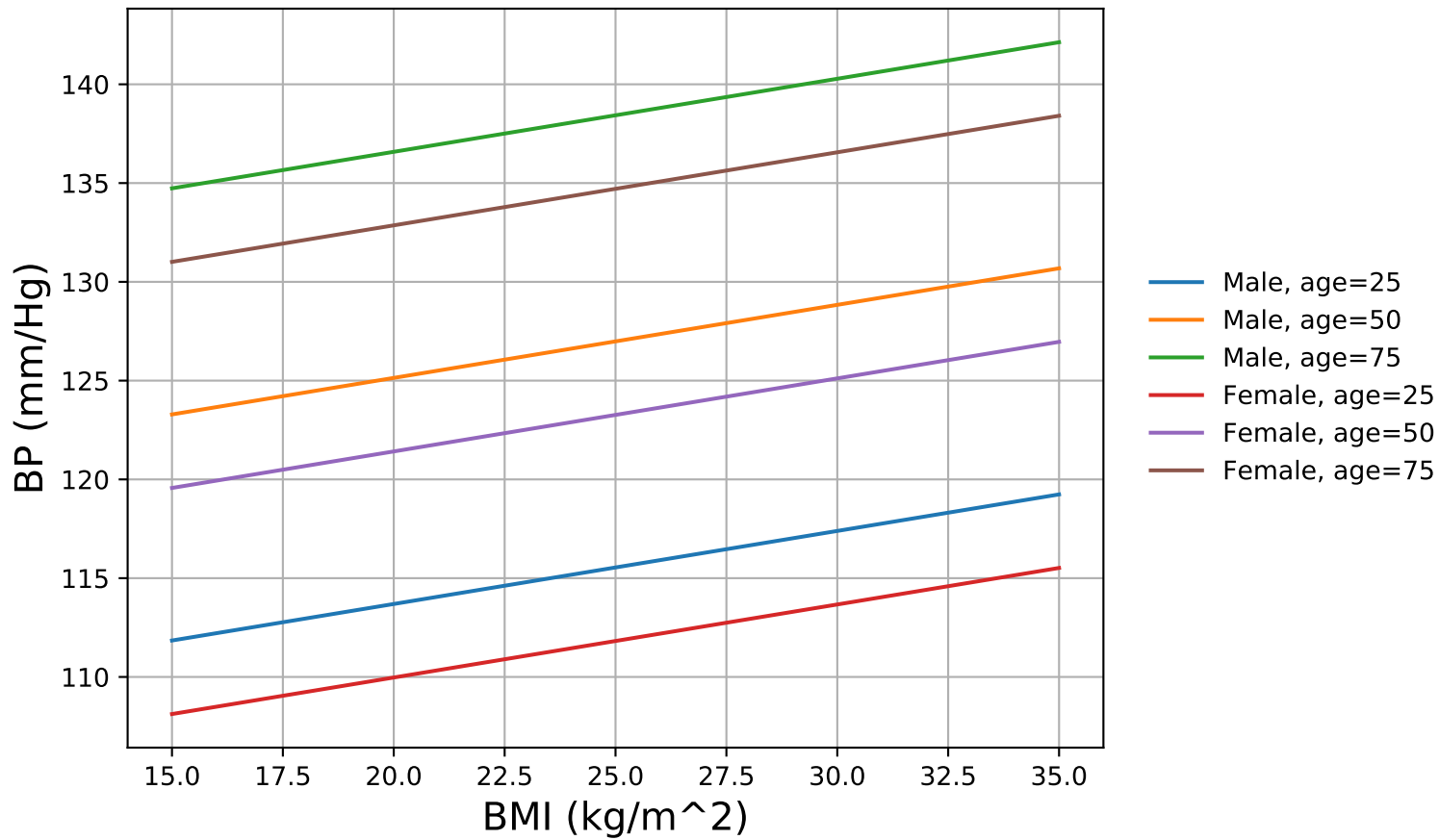


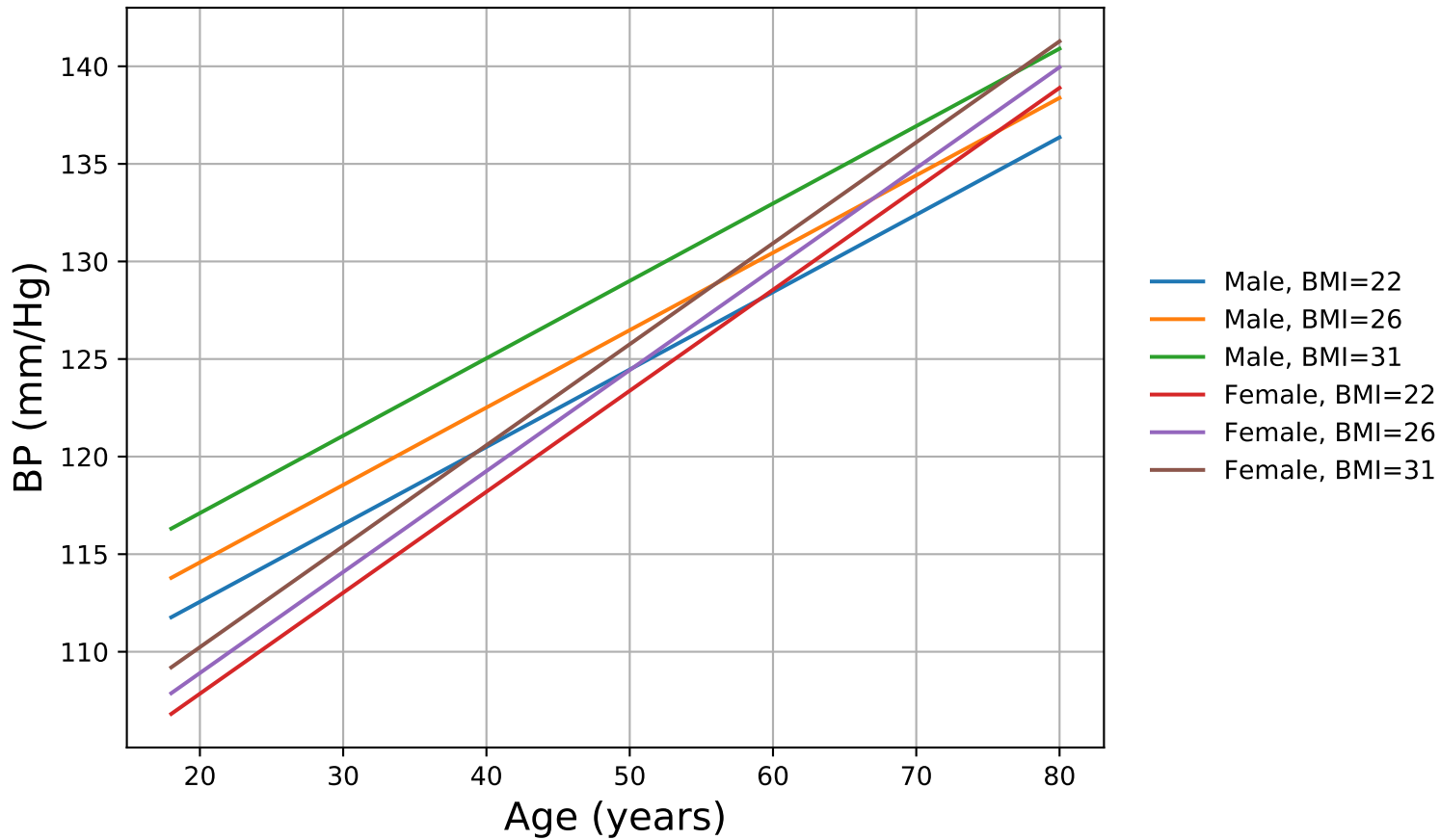
BPXSY1 ~ RIDAGEYR + BMXBMI + Female + RIDRETH1



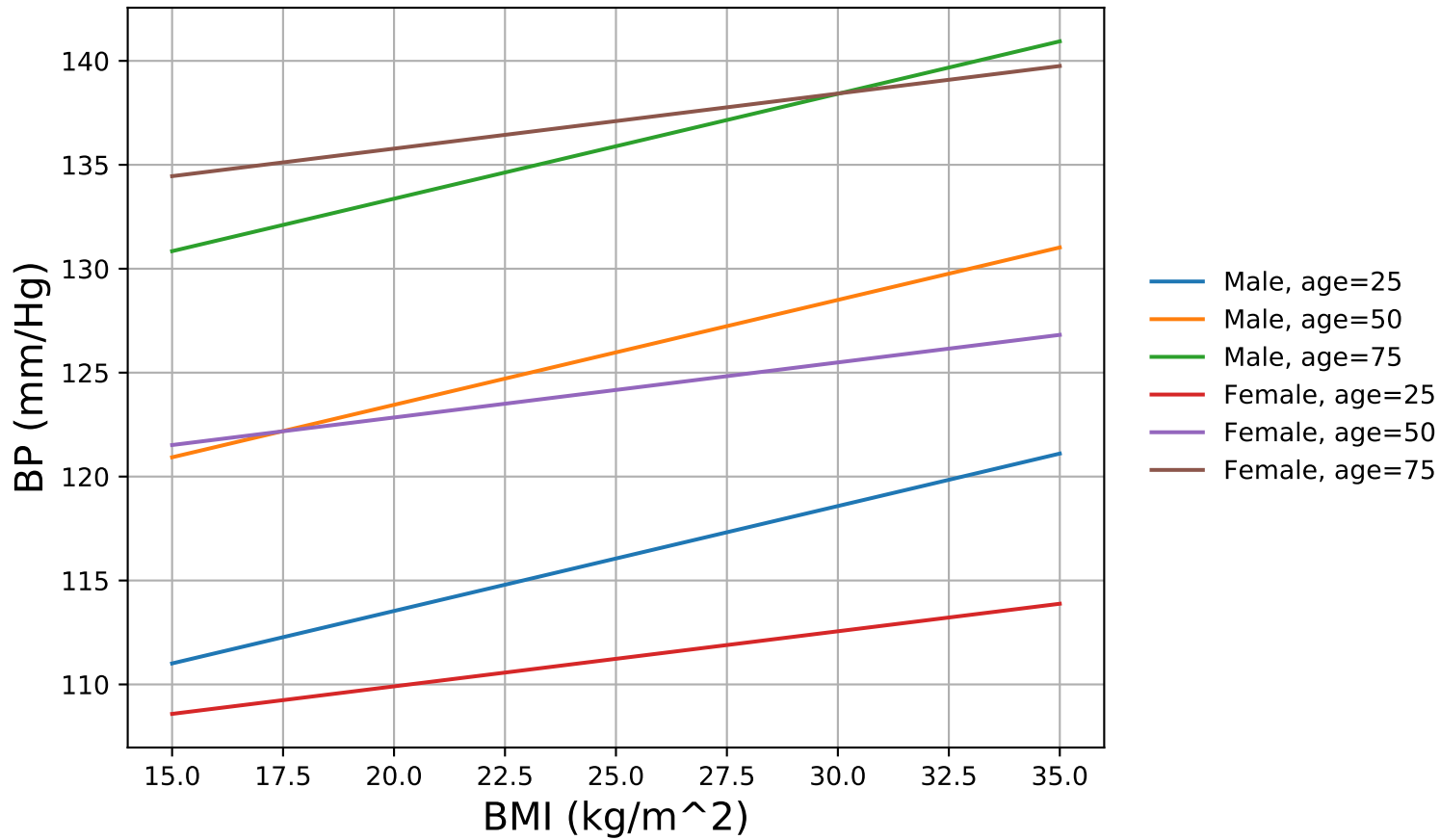
BPXSY1 ~ RIDAGEYR + BMXBMI + Female + RIDRETH1



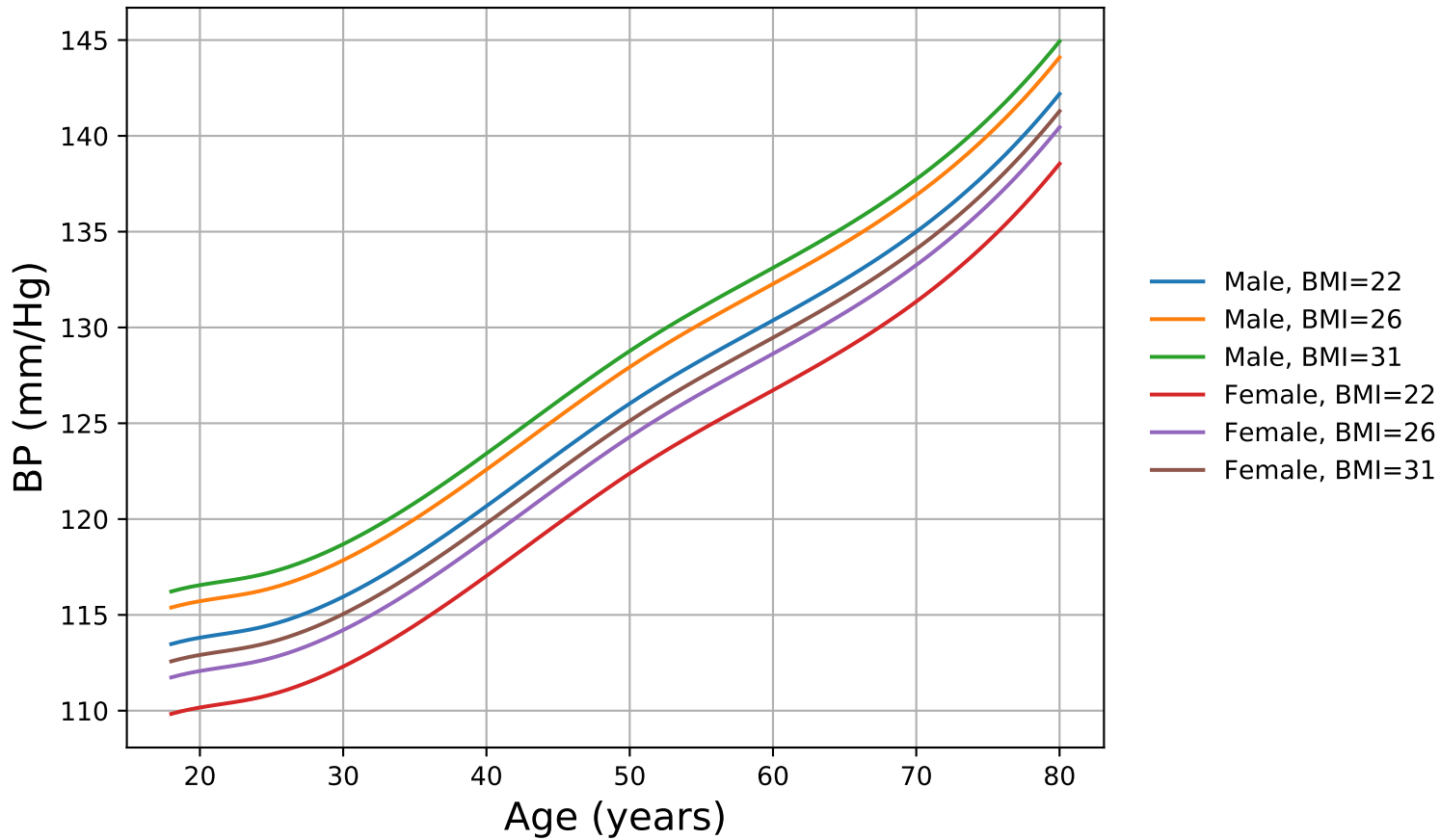
$$\text{BPXSY1} \sim (\text{RIDAGEYR} + \text{BMXBMI}) * \text{Female} + \text{RIDRETH1}$$



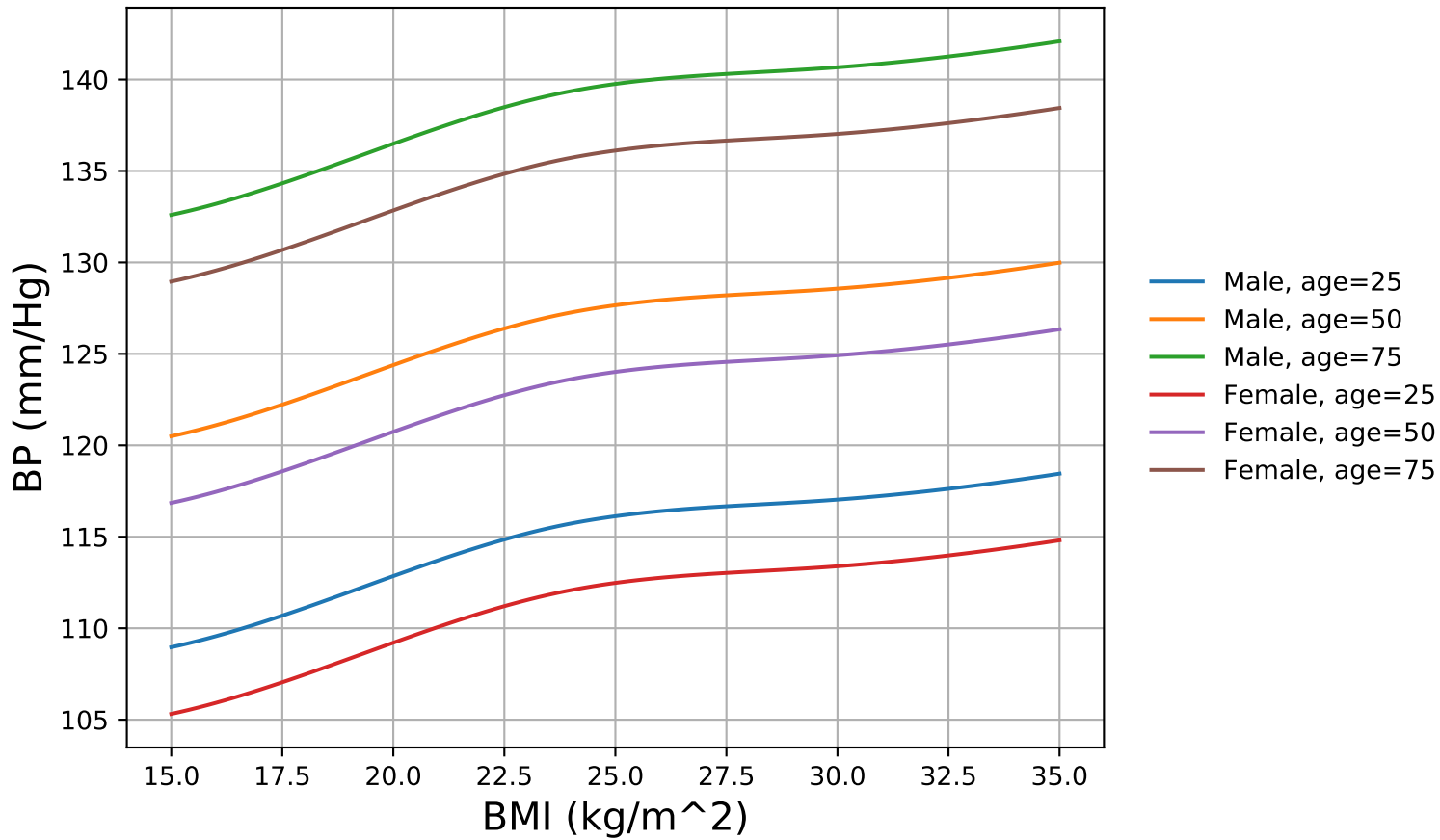
$$\text{BPXSY1} \sim (\text{RIDAGEYR} + \text{BMXBMI}) * \text{Female} + \text{RIDRETH1}$$



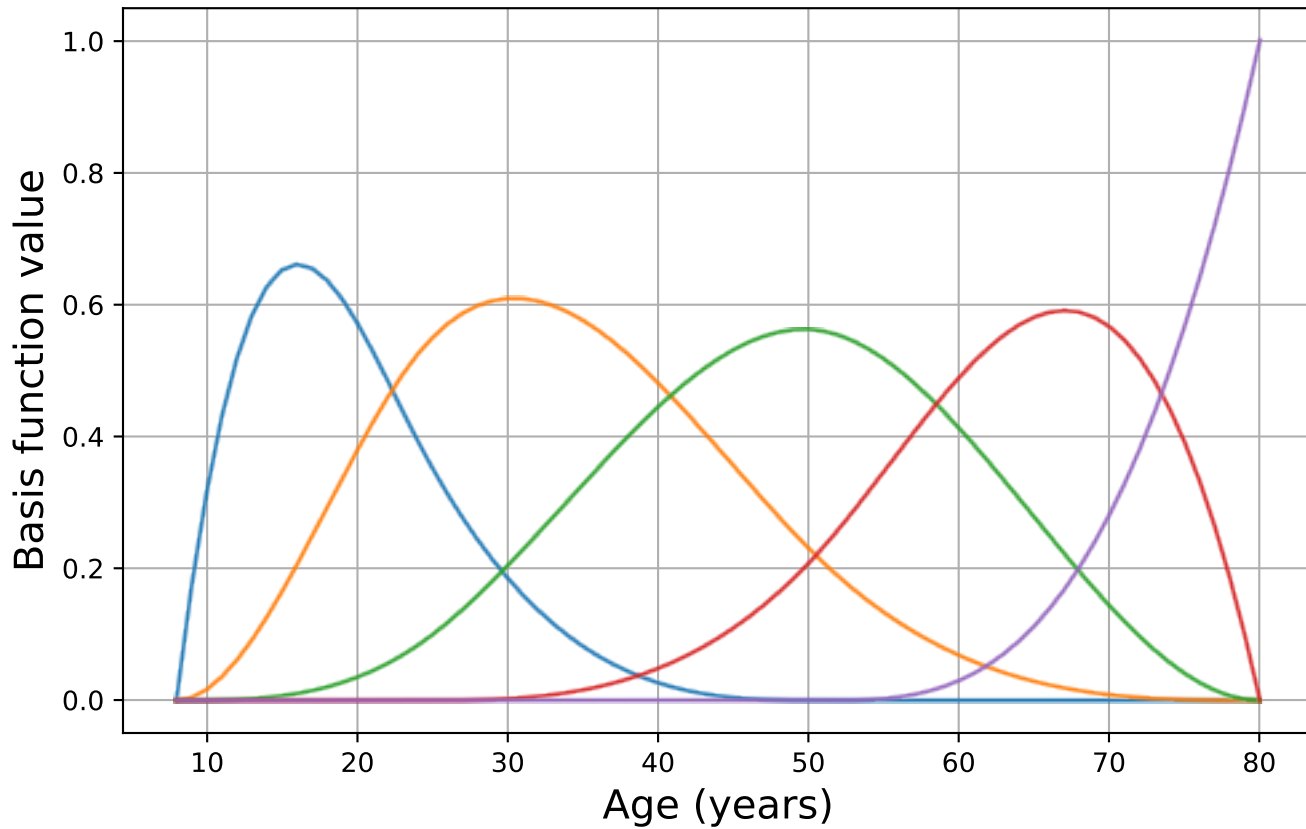
BPXSY1 ~ bs(RIDAGEYR, 5) + bs(BMXBMI, 5) + Female + RIDRETH1

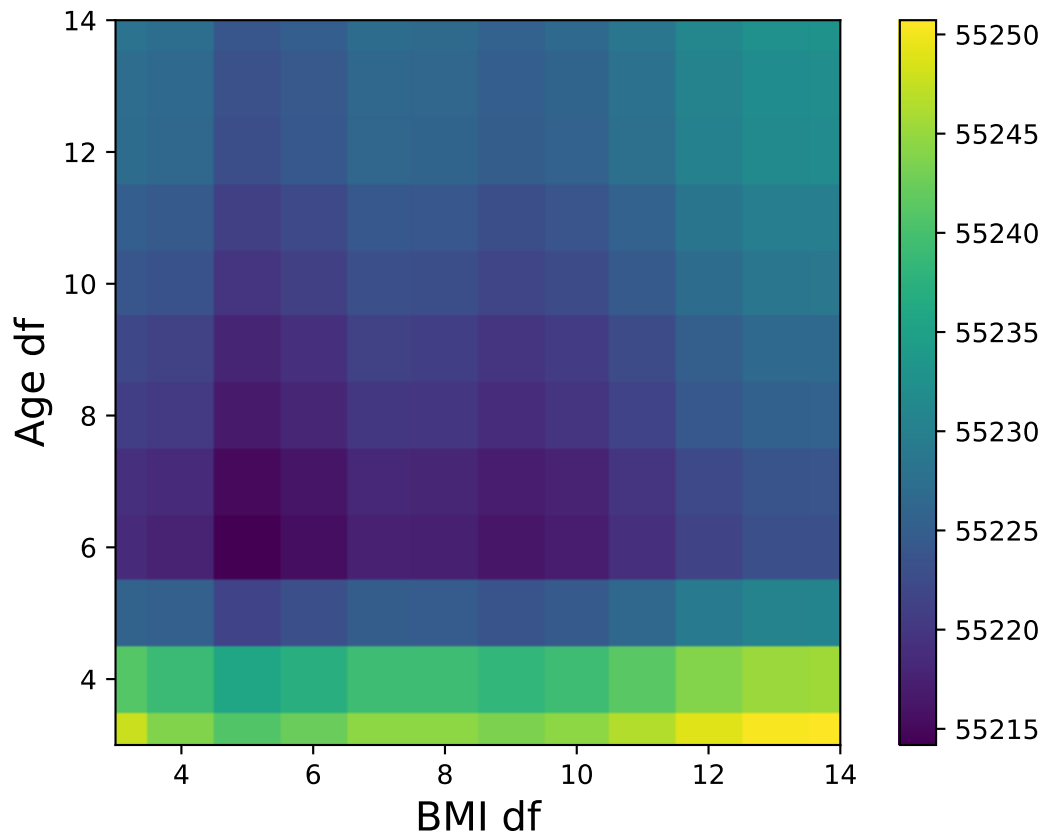


BPXSY1 ~ bs(RIDAGEYR, 5) + bs(BMXBMI, 5) + Female + RIDRETH1

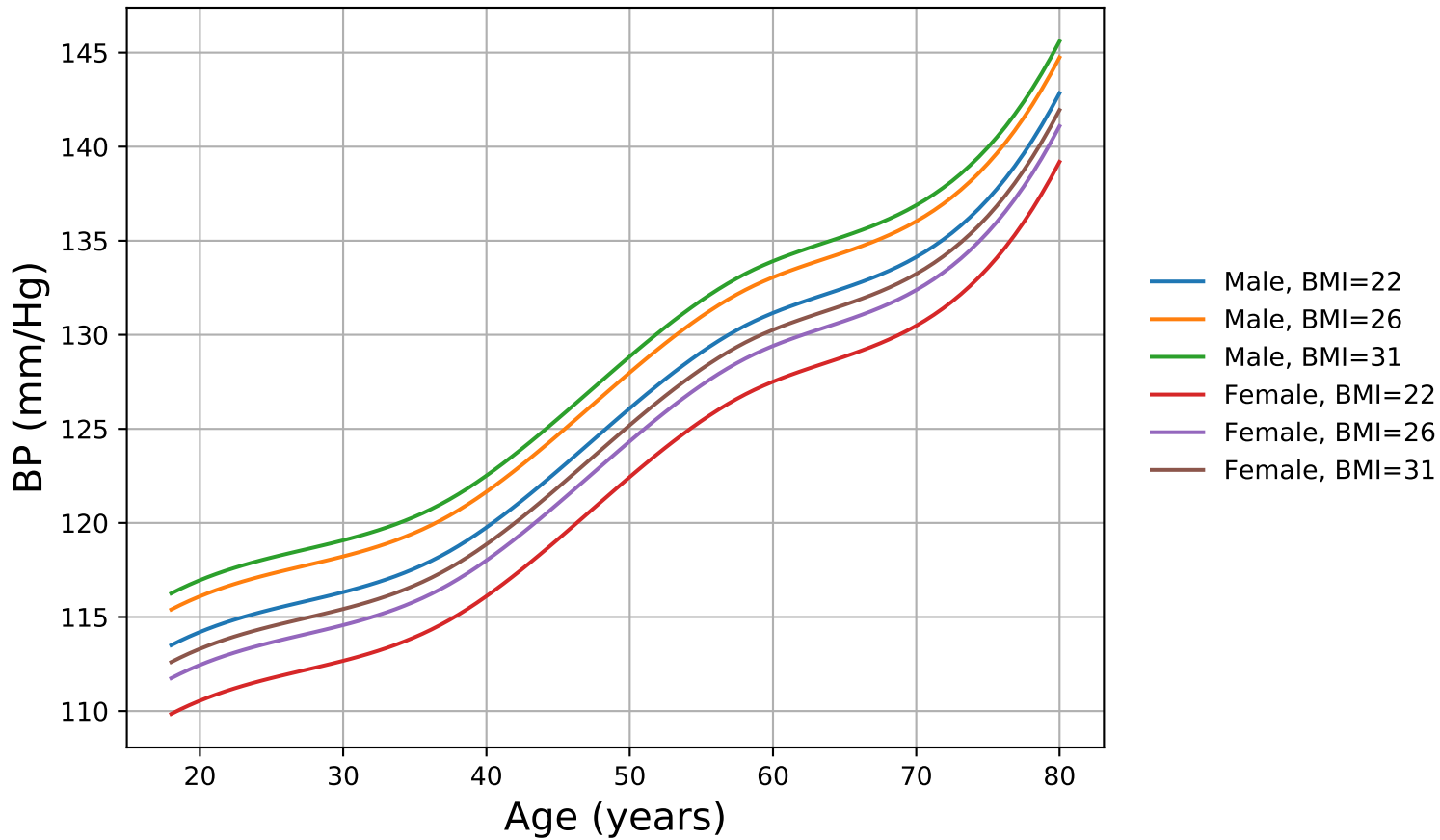


Spline basis for age (5 df)

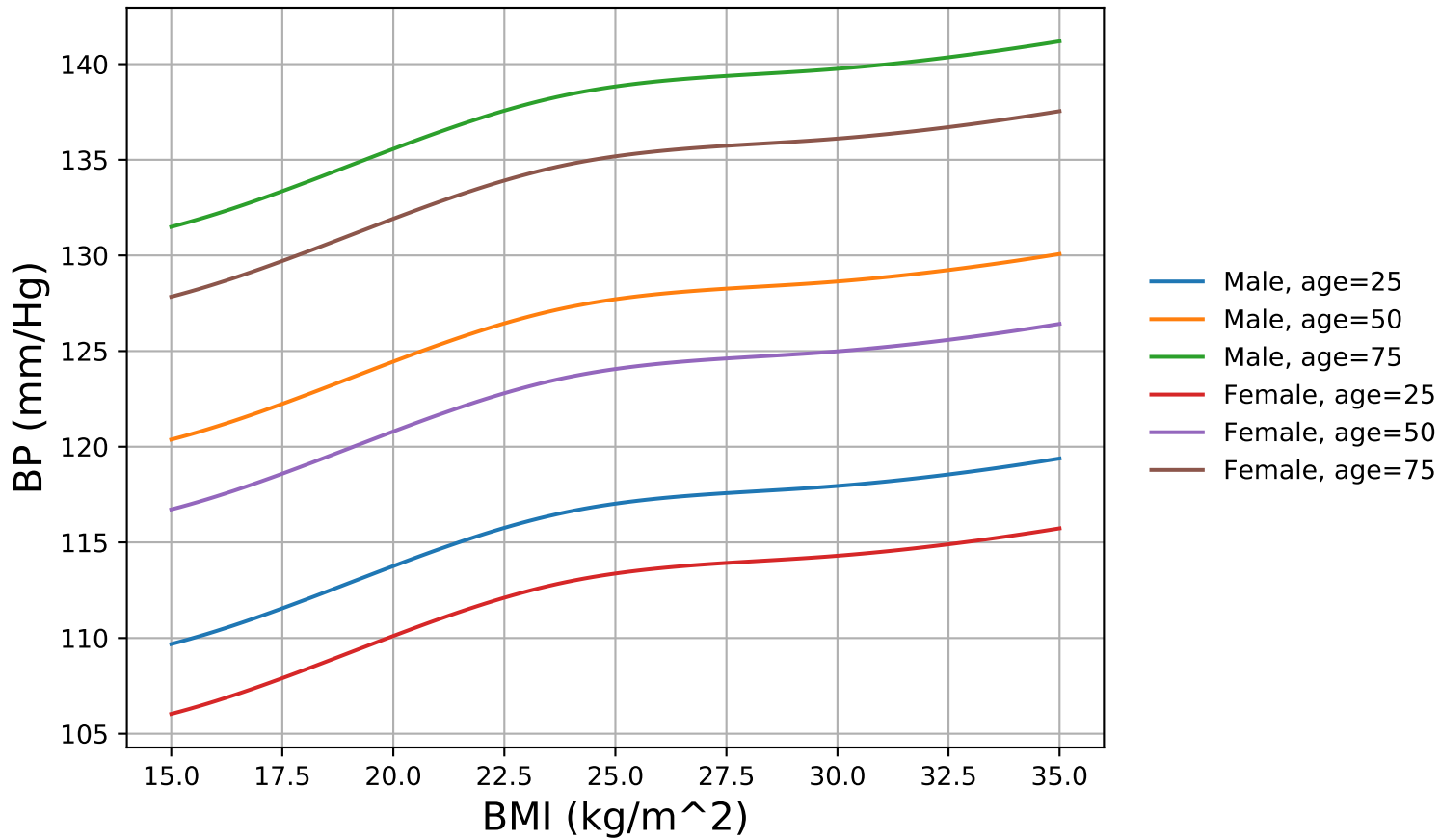




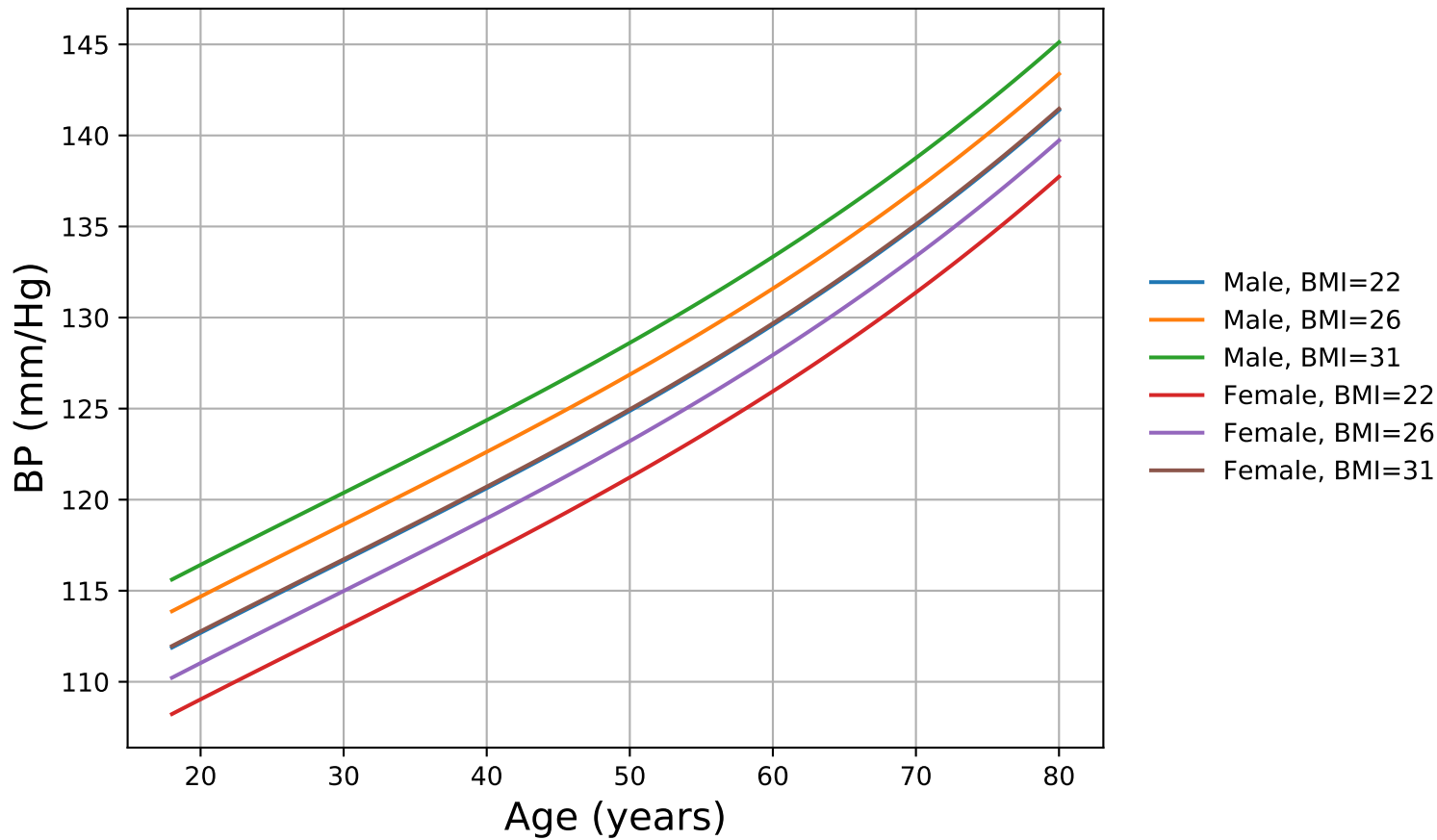
BPXSY1 ~ bs(RIDAGEYR, 6) + bs(BMXBMI, 5) + Female + RIDRETH1



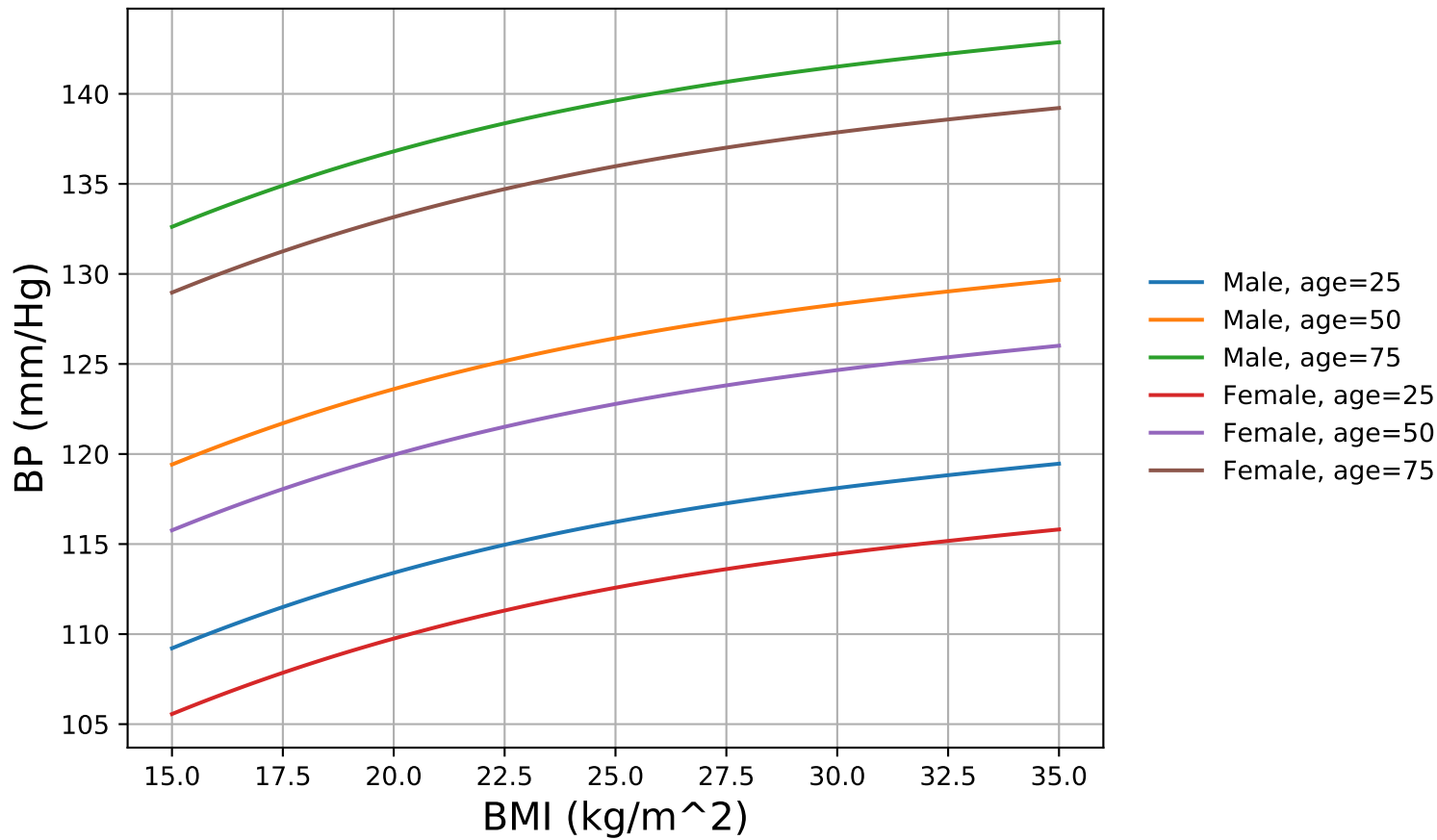
BPXSY1 ~ bs(RIDAGEYR, 6) + bs(BMXBMI, 5) + Female + RIDRETH1



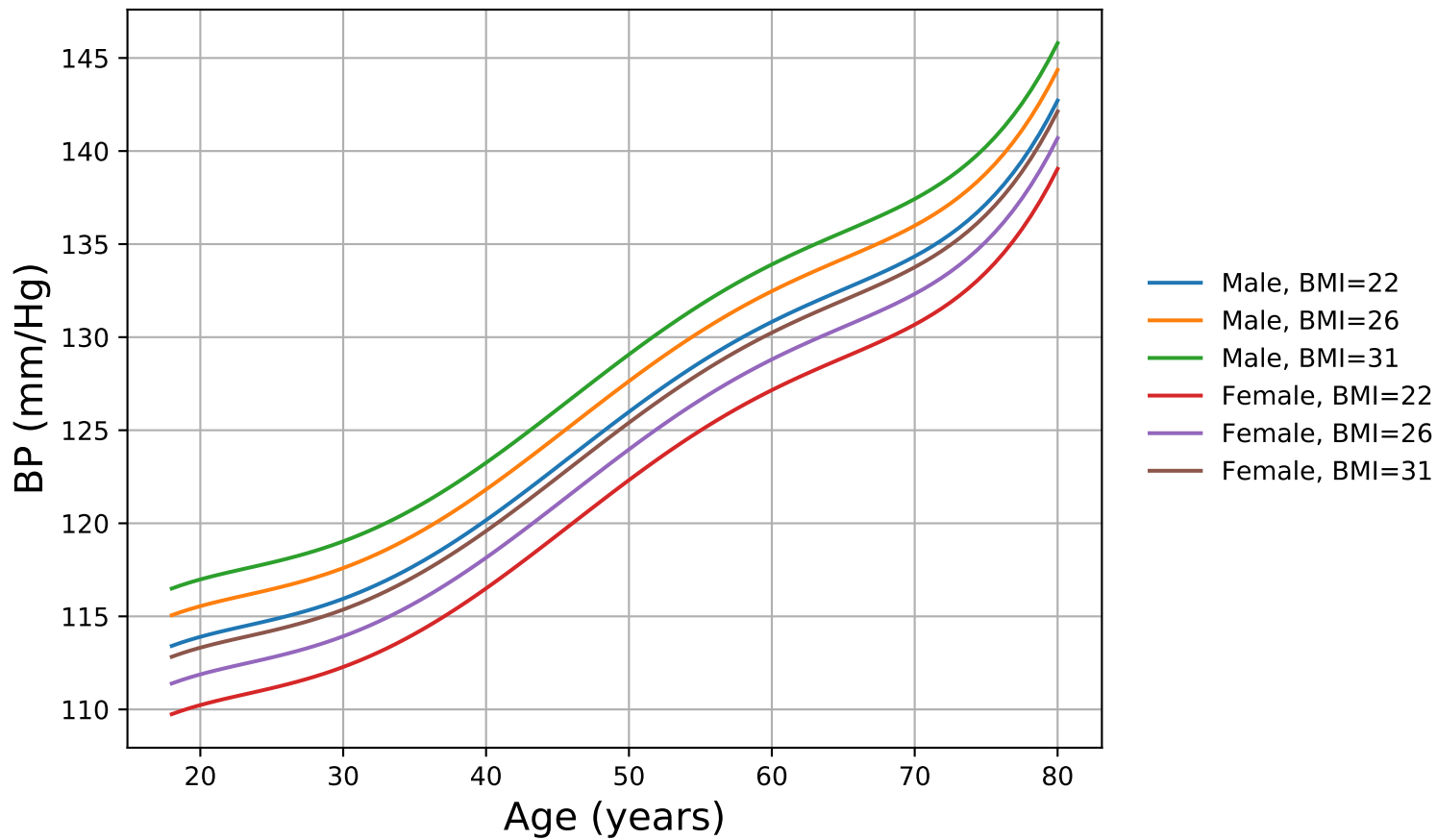
$\sim \text{RIDAGEYR} + \text{I}(\text{RIDAGEYR}^{**2}) + \text{I}(\text{RIDAGEYR}^{**3}) + \text{BMXBMI} + \text{I}(\text{BMXBMI}^{**2}) + \text{I}(\text{BMXBMI}^{**3}) + \text{Female} + \text{RIDRETH1}$



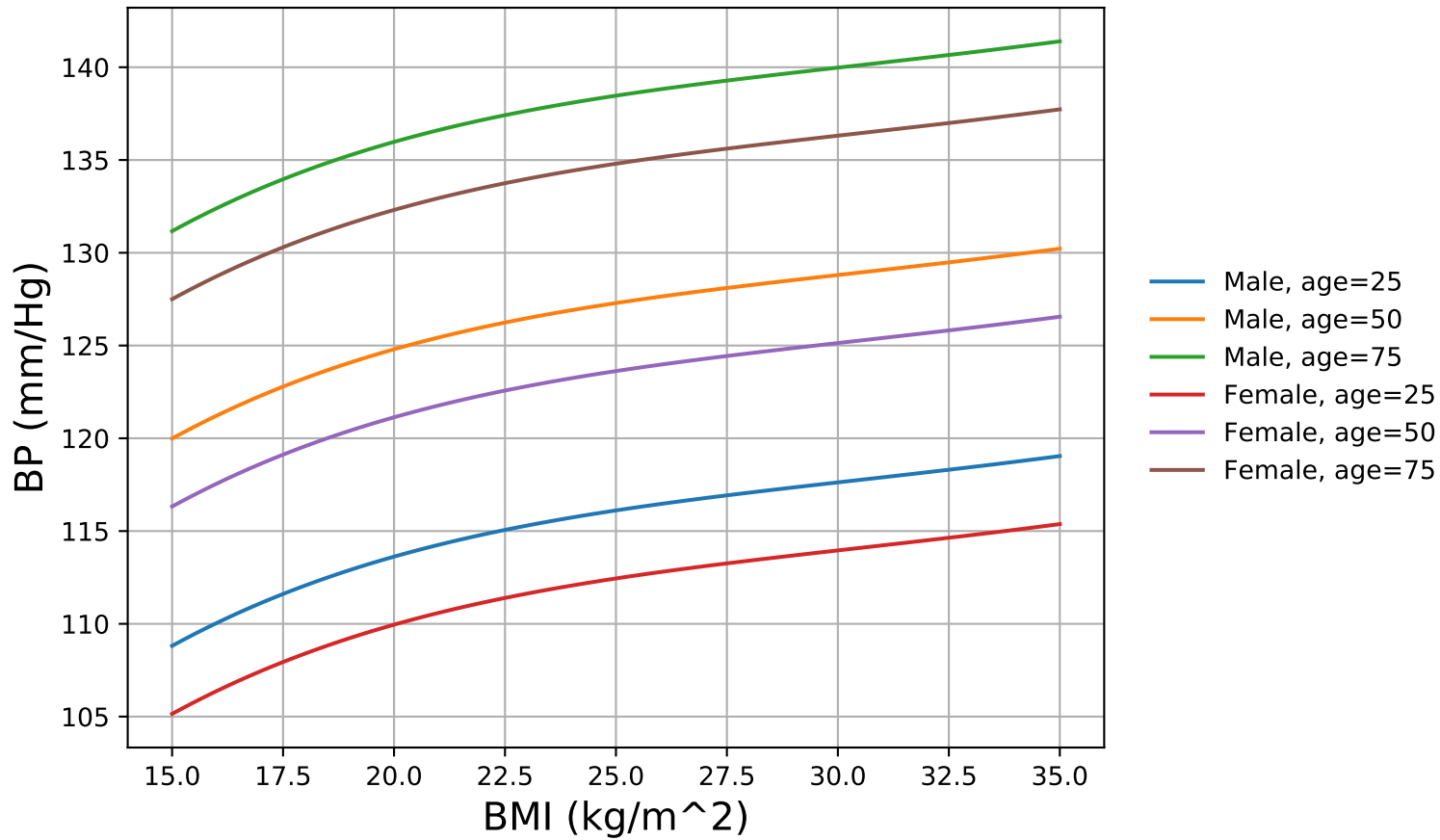
~ RIDAGEYR + I(RIDAGEYR**2) + I(RIDAGEYR**3) + BMXBMI + I(BMXBMI**2) + I(BMXBMI**3) + Female + RIDRETH1



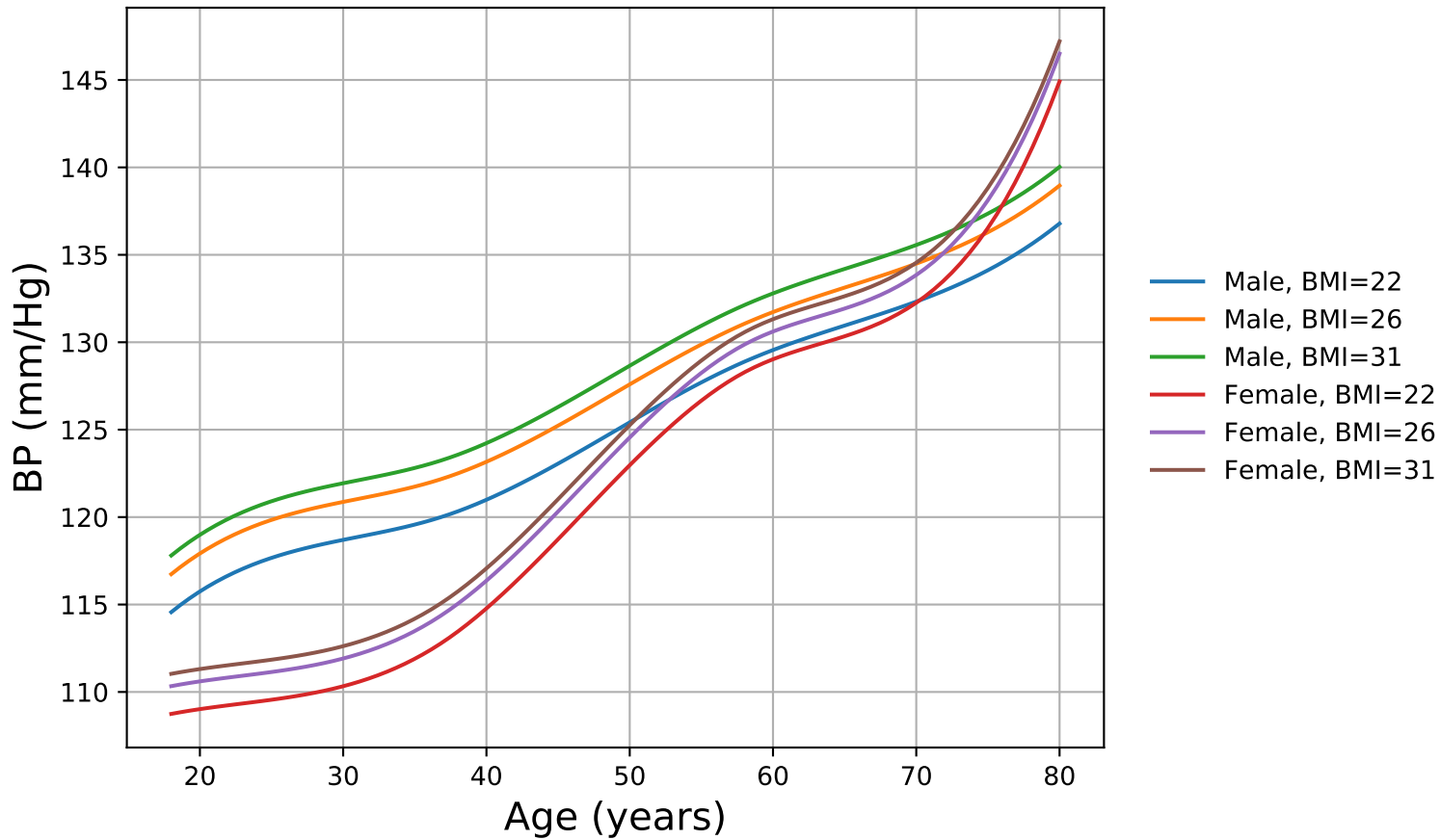
(RIDAGEYR**3) + I(RIDAGEYR**4) + I(RIDAGEYR**5) + BMXBMI + I(BMXBMI**2) + I(BMXBMI**3) + I(BMXBMI**4) + I(BMXBMI**5)



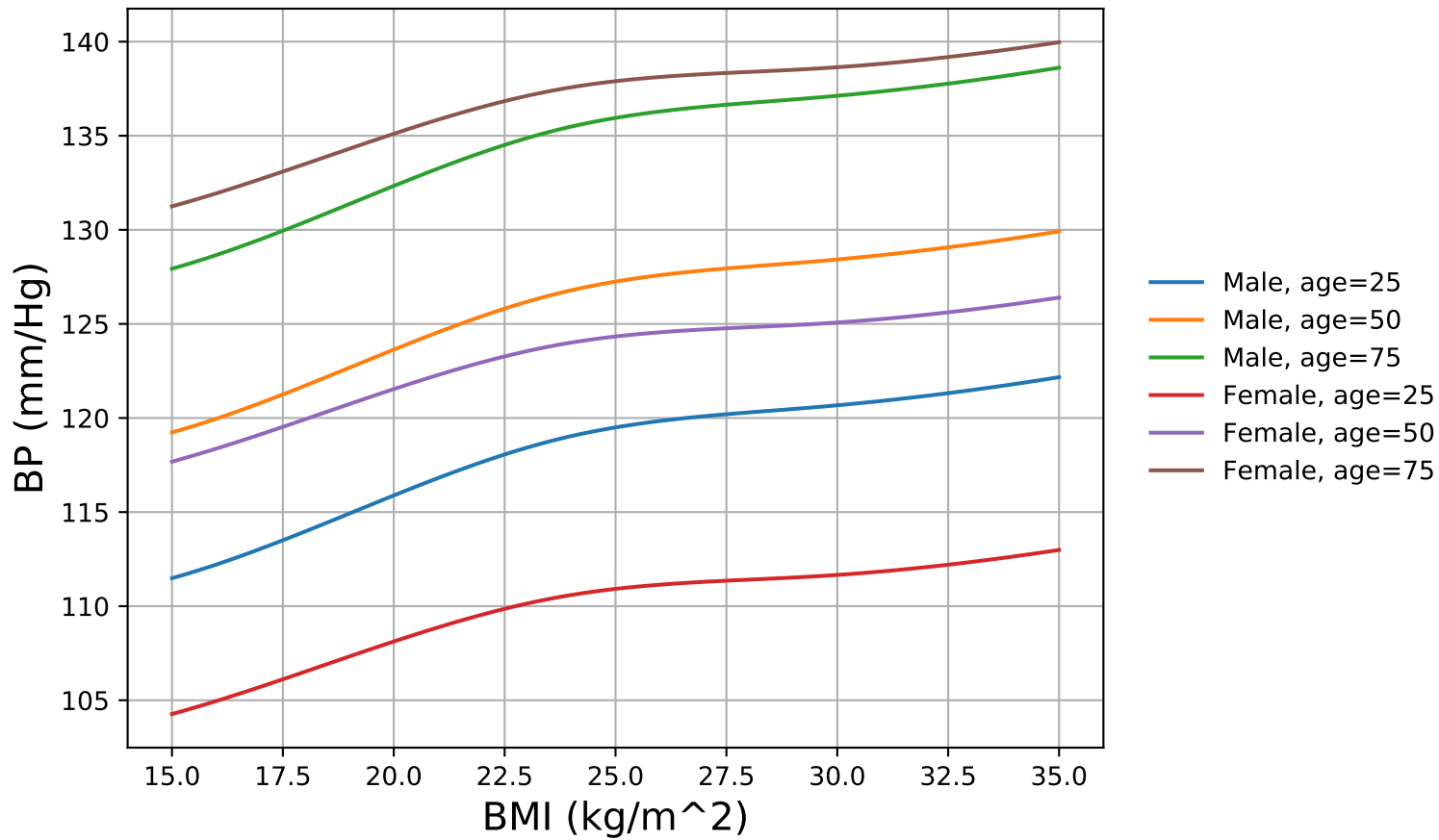
(RIDAGEYR**3) + I(RIDAGEYR**4) + I(RIDAGEYR**5) + BMXBMI + I(BMXBMI**2) + I(BMXBMI**3) + I(BMXBMI**4) + I(BMXBMI**5)



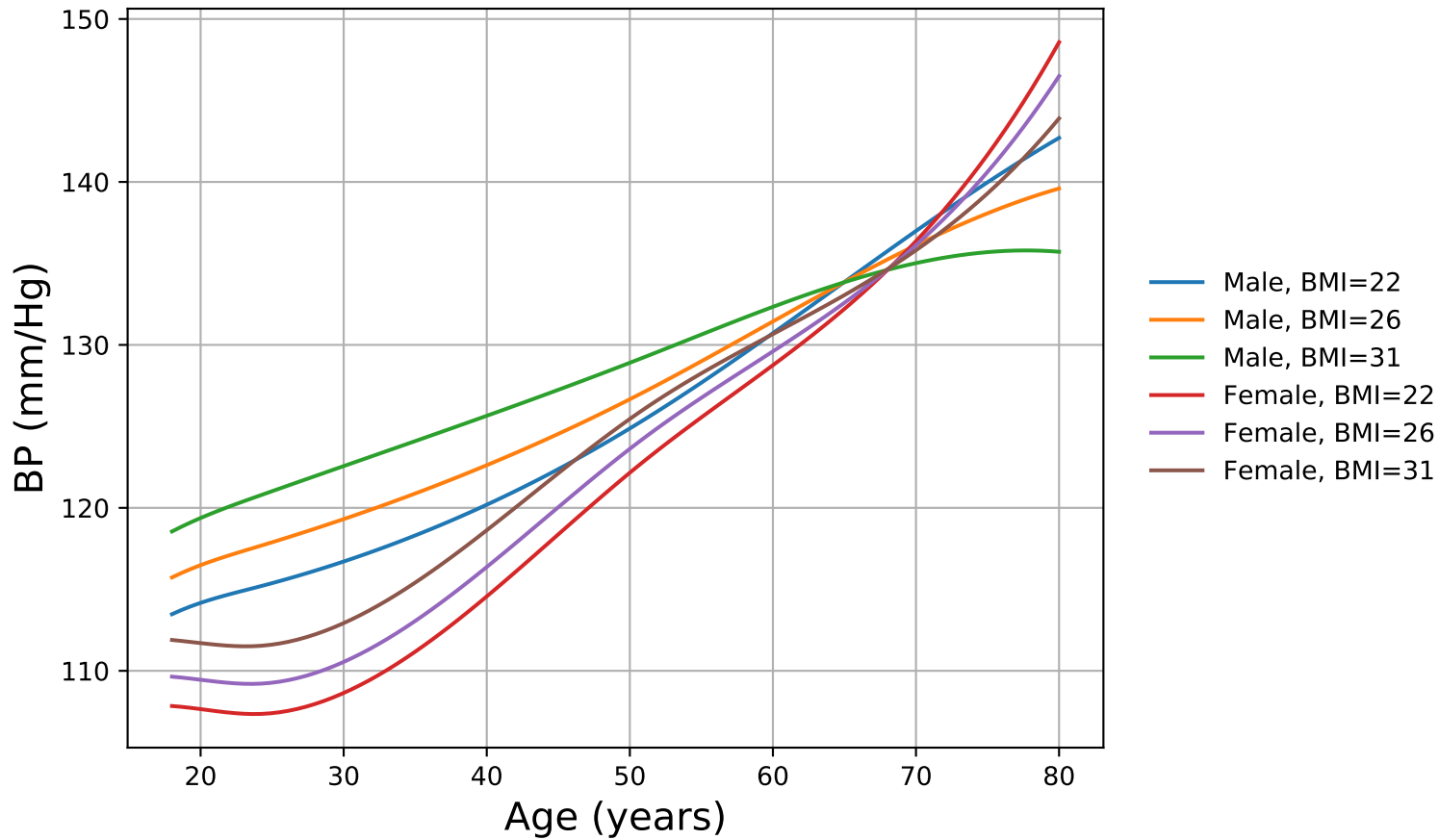
$$\text{BPXSY1} \sim (\text{bs}(\text{RIDAGEYR}, 6) + \text{bs}(\text{BMXBMI}, 5)) * \text{Female} + \text{RIDRETH1}$$



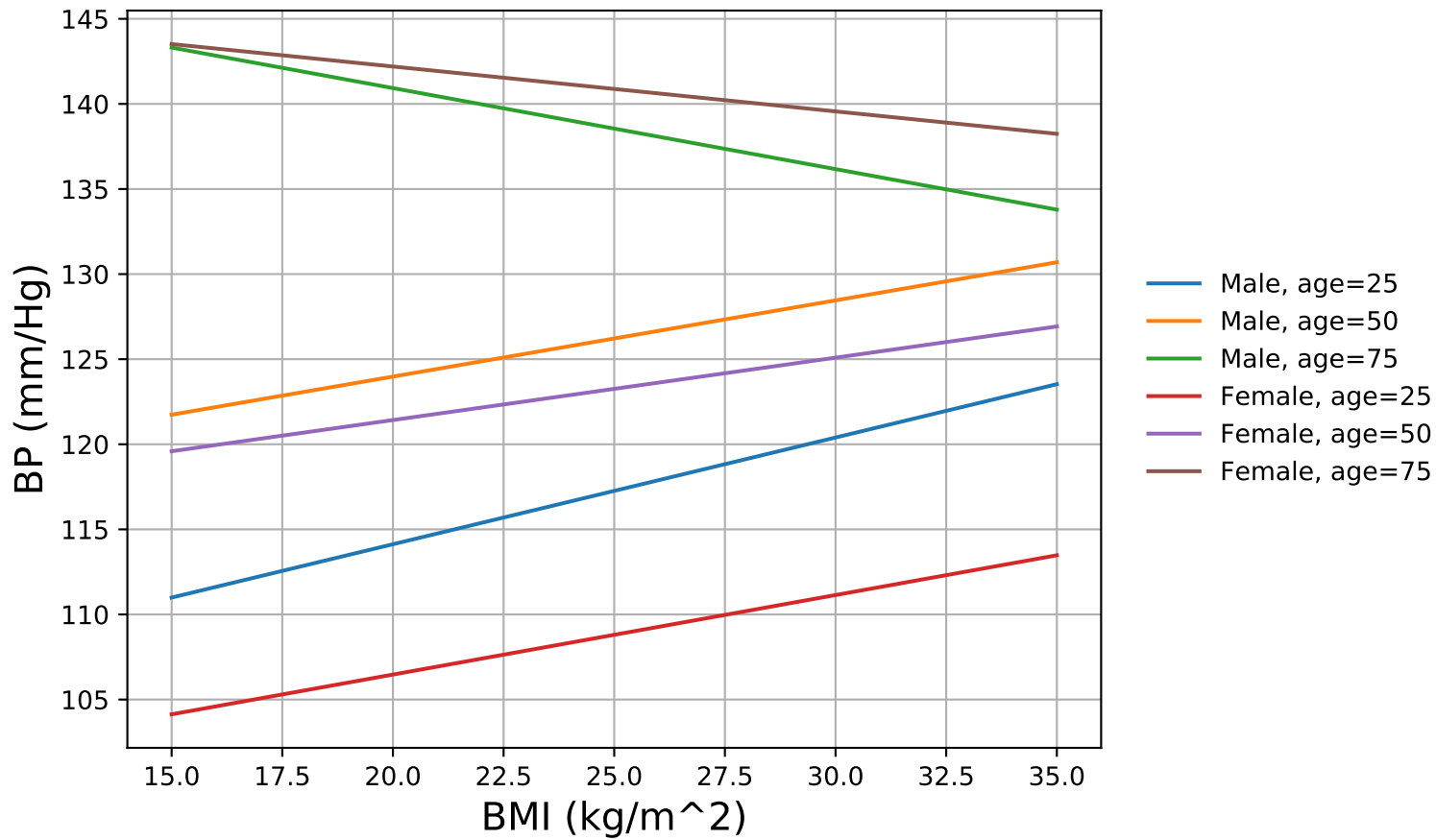
$$\text{BPXSY1} \sim (\text{bs}(\text{RIDAGEYR}, 6) + \text{bs}(\text{BMXBMI}, 5)) * \text{Female} + \text{RIDRETH1}$$



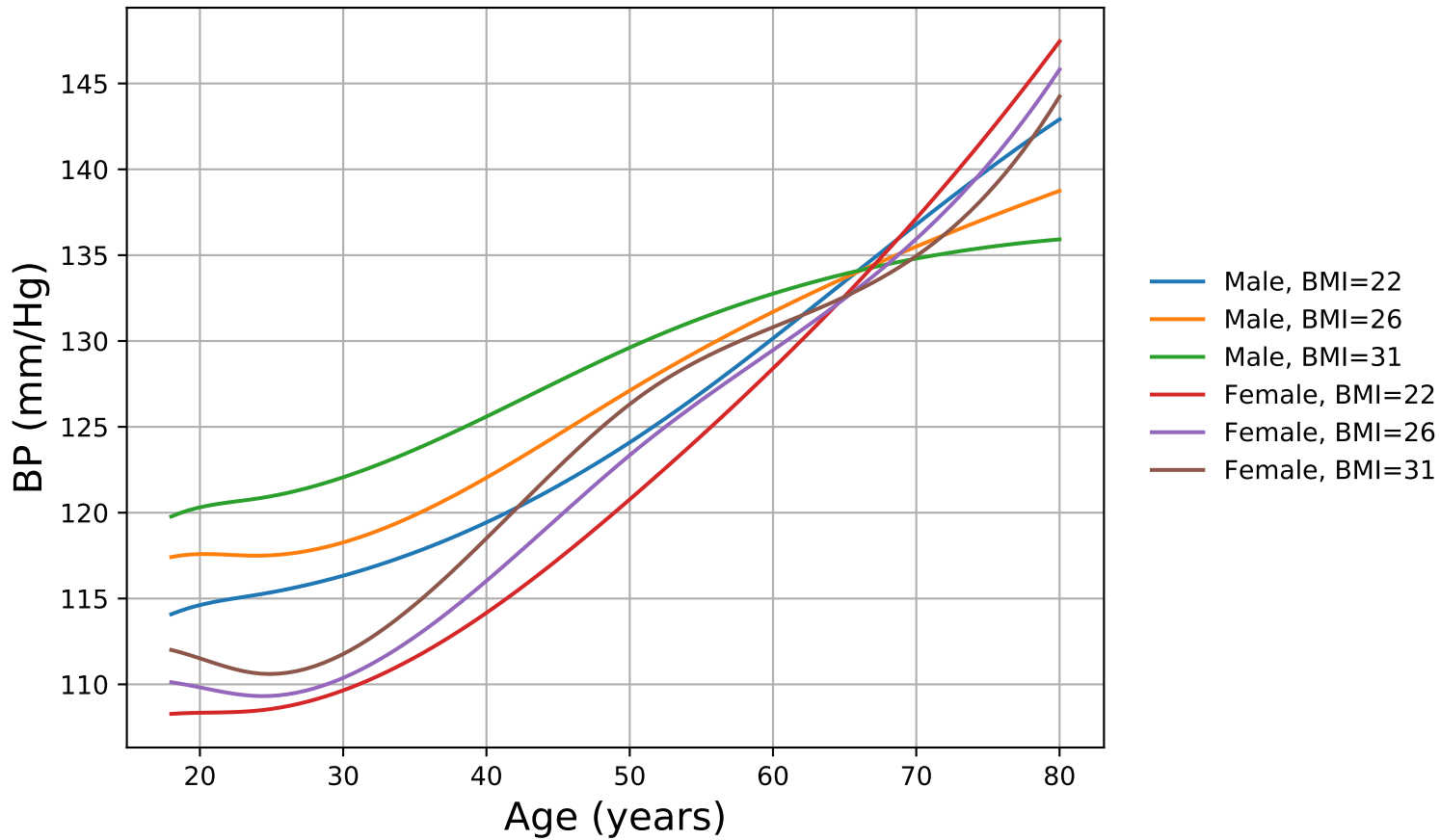
$$\text{BPXSY1} \sim \text{bs}(\text{RIDAGEYR}, 5) * \text{BMXBMI} * \text{Female} + \text{RIDRETH1}$$



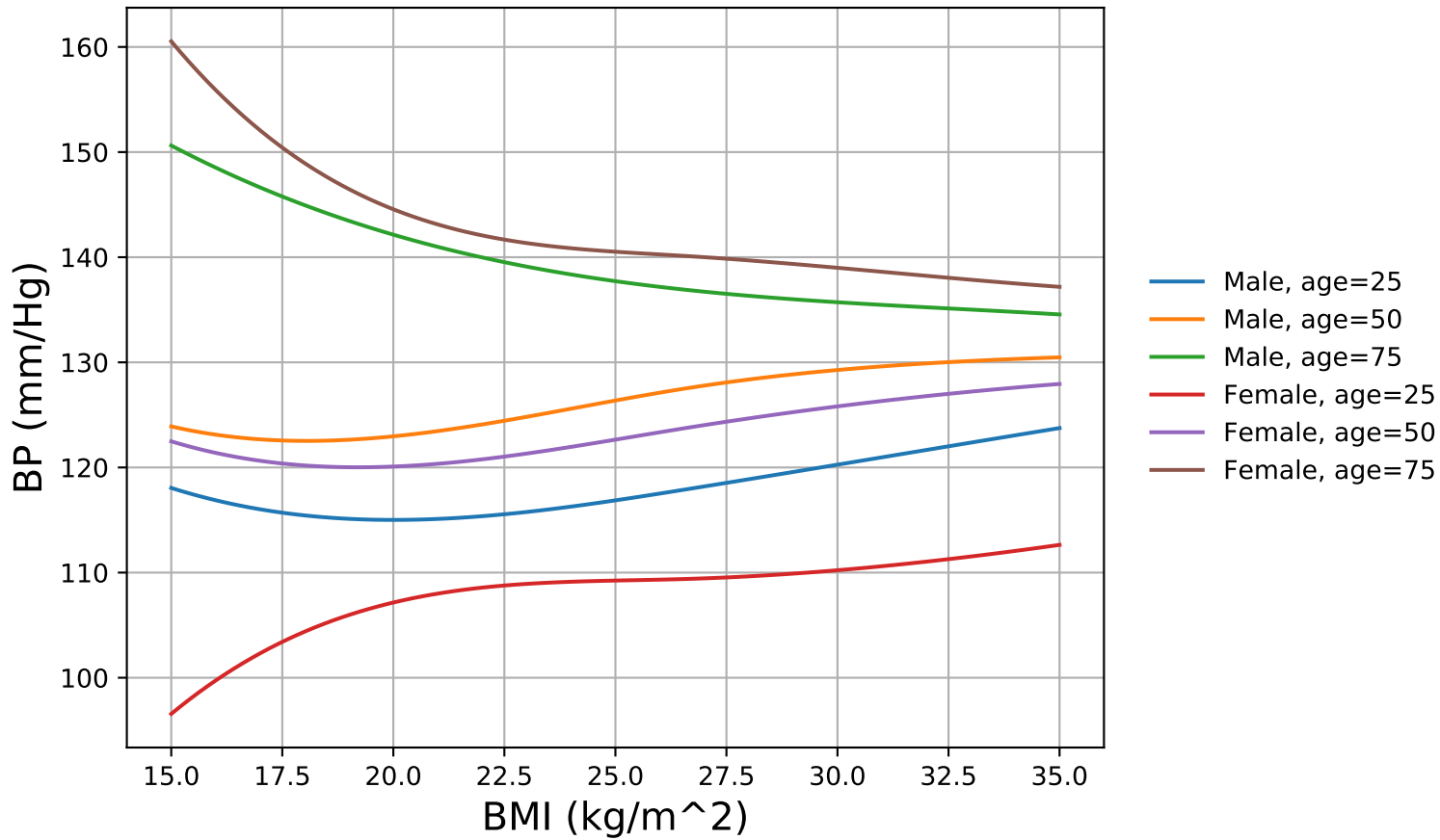
BPXSY1 ~ bs(RIDAGEYR, 5) * BMXBMI * Female + RIDRETH1



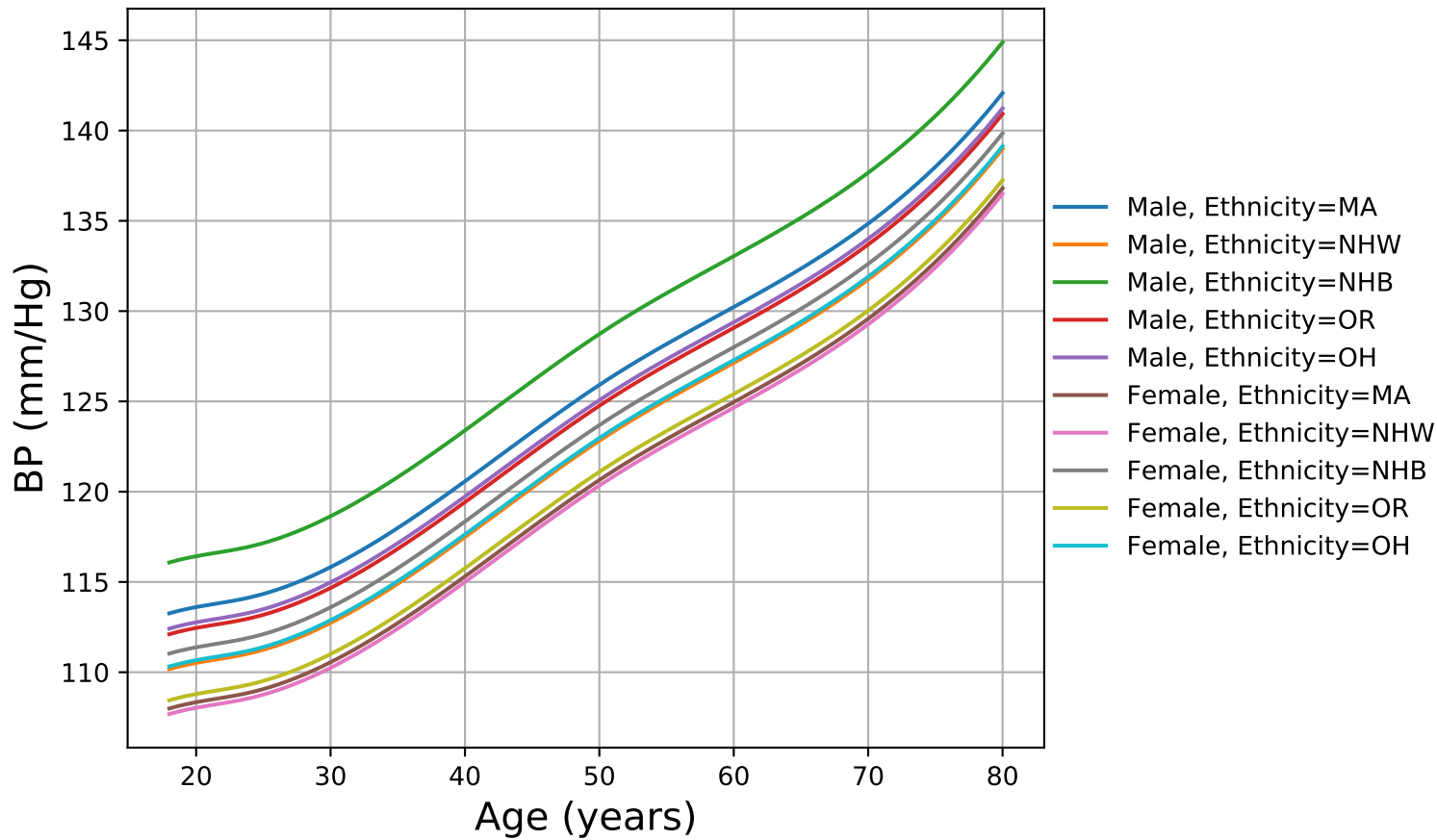
$$\text{BPXSY1} \sim \text{bs}(\text{RIDAGEYR}, 5) * \text{bs}(\text{BMXBMI}, 4) * \text{Female} + \text{RIDRETH1}$$



$$\text{BPXSY1} \sim \text{bs}(\text{RIDAGEYR}, 5) * \text{bs}(\text{BMXBMI}, 4) * \text{Female} + \text{RIDRETH1}$$



BPXSY1 ~ bs(RIDAGEYR, 5) + bs(BMXBMI, 4) + Female * RIDRETH1



BPXSY1 ~ bs(BMXBMI, 4) + bs(RIDAGEYR, 5) + RIDAGEYR * Female * RIDRETH1

