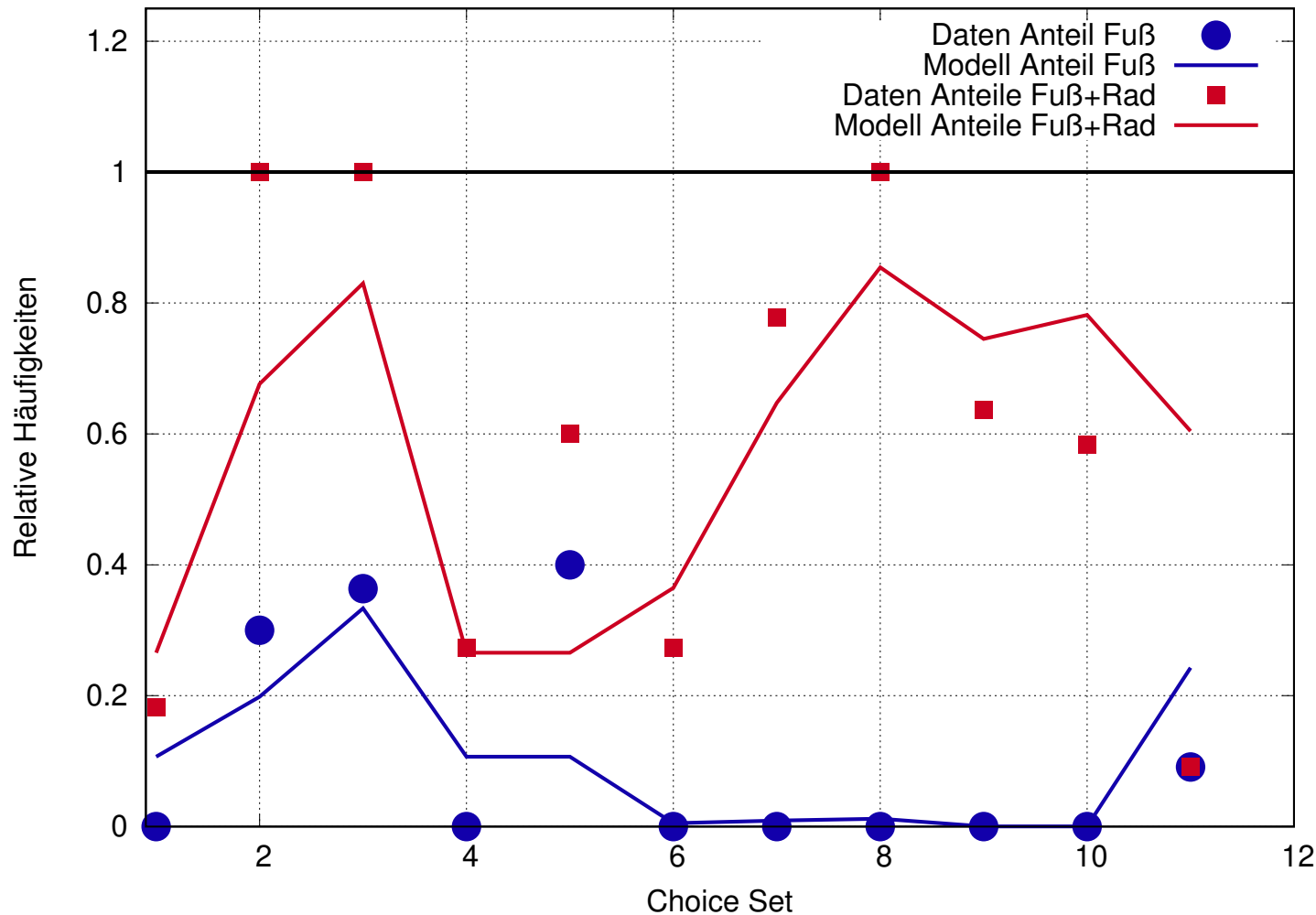


## Stated Choice SS 2019: Verkehrsmittelwahl (Wetter: schön, aber kalt bzw. **rot: Wetter schlecht**)

Choice Set	Alt. 1: Fuß	Alt. 2: Rad	Alt. 3: ÖV/MIV	Wahl 1	Wahl 2	Wahl 3
1	30 min	30 min	30 min+0€	0	2	9
2	15 min	10 min	30 min+0€	3	7	0
3	15 min	15 min	30 min+0€	4	7	0
4	20,min	20 min	20 min+0€	0	3	8
5	10 min	10 min	10 min+0€	4	2	4
6	60 min	20 min	30 min+0€	0	3	8
7	60 min	20 min	30 min+1€	0	7	2
8	60 min	20 min	30 min+2€	0	10	0
9	120 min	35 min	50 min+1€	0	7	4
10	120 min	35 min	40 min+2€	0	7	5
<b>11</b>	<b>15 min</b>	<b>15 min</b>	<b>30 min+0€</b>	<b>1</b>	<b>0</b>	<b>10</b>

# Stated Choice SS 2019 mit globaler Zeitsensitivität ohne Wettereinfluss: Fitgüte

$$V_i = \beta_0 \delta_{i1} + \beta_1 \delta_{i2} + \beta_2 K + \beta_3 T$$



$\ln L = -88.8,$   
 $\ln L_{\text{init}} = -128.5,$   
 $\beta_0 = -1.9 \pm 0.4,$   
 $\beta_1 = -1.5 \pm 0.4,$   
 $\beta_2 = -1.2 \pm 0.3,$   
 $\beta_3 = -0.096 \pm 0.027$

$$AC_{\text{Fuss}}[\text{min}] = \frac{\beta_0}{-\beta_3} = -20$$

$$AC_{\text{Fuss}}[\text{€}] = \frac{\beta_0}{-\beta_2} = -1.70$$

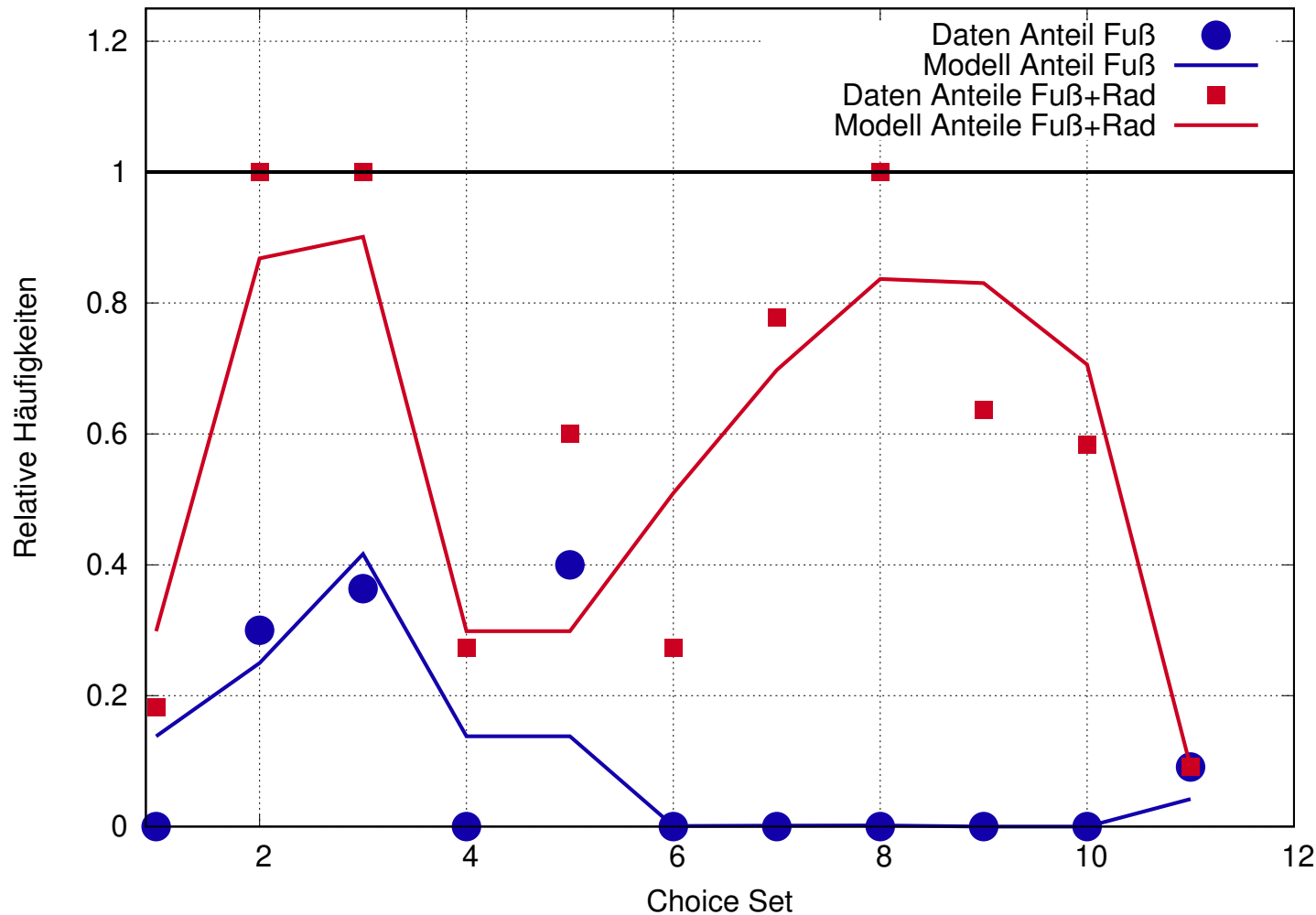
$$\text{Zeitwert}[\text{€/h}] = \frac{60\beta_3}{\beta_2} = 5.00$$

$$AC_{\text{Rad}}[\text{min}] = \frac{\beta_1}{-\beta_3} = -16$$

$$AC_{\text{Rad}}[\text{€}] = \frac{\beta_1}{-\beta_2} = -1.30$$

# Stated Choice SS 2019 mit globaler Zeitsensitivität und Wettereinfluss: Fitgüte

$$V_i = \beta_0 \delta_{i1} + \beta_1 \delta_{i2} + \beta_2 K + \beta_3 T + \beta_4 W \delta_{i3}$$



$\ln L = -79.8,$   
 $\ln L_{\text{init}} = -128.5,$   
 $\beta_0 = -1.6 \pm 0.4,$   
 $\beta_1 = -1.5 \pm 0.4,$   
 $\beta_2 = -0.80 \pm 0.30,$   
 $\beta_3 = -0.15 \pm 0.04,$   
 $\beta_4 = 3.7 \pm 1.2$

$$AC_{\text{Fuss}}[\text{min}] = \frac{\beta_0}{-\beta_3} = -10.8$$

$$AC_{\text{Fuss}}[\text{€}] = \frac{\beta_0}{-\beta_2} = -2.00$$

$$\text{Zeitwert}[\text{€/h}] = \frac{60\beta_3}{\beta_2} = 11.40$$

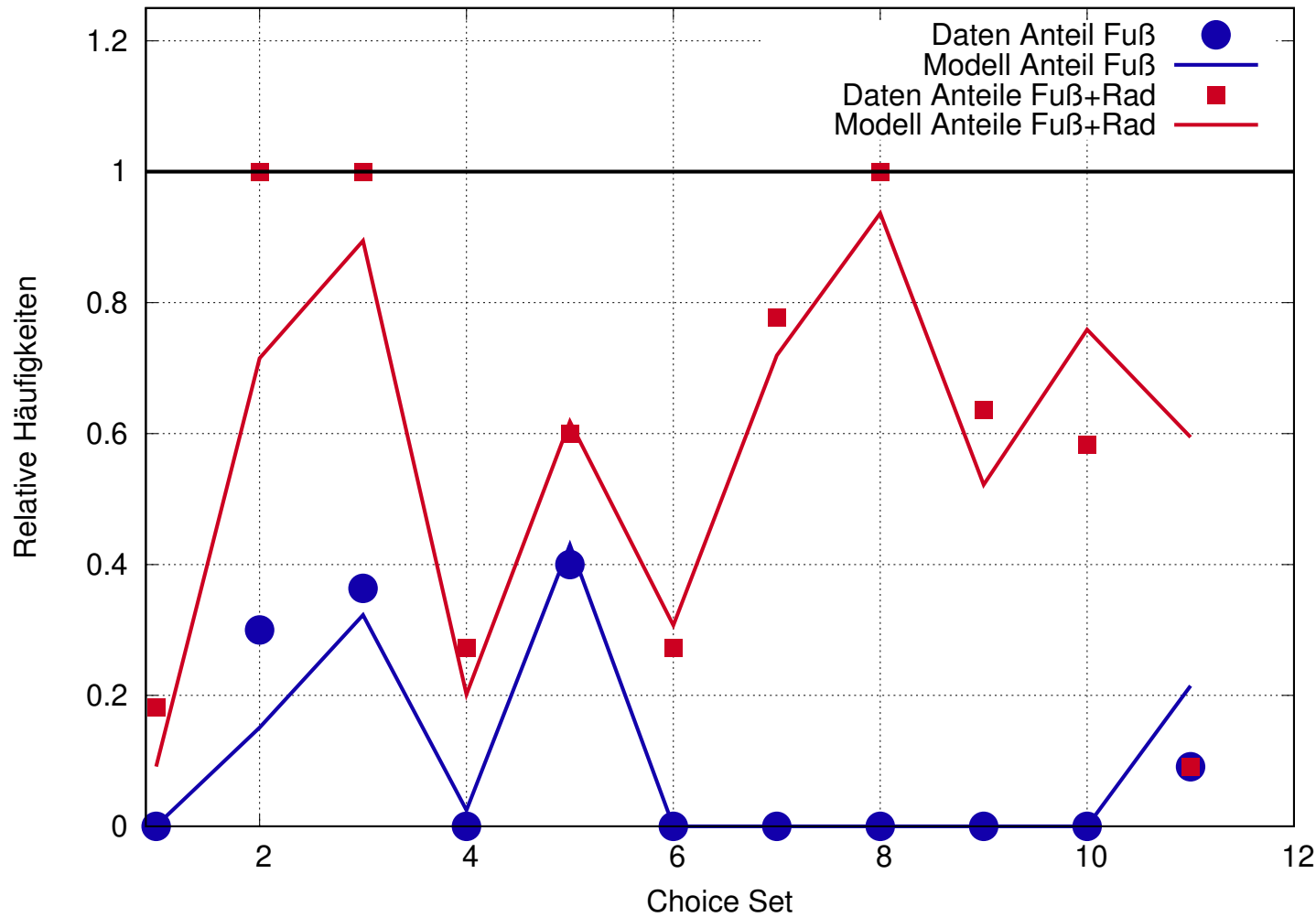
$$AC_{\text{Rad}}[\text{min}] = \frac{\beta_1}{-\beta_3} = -9.8$$

$$AC_{\text{Rad}}[\text{€}] = \frac{\beta_1}{-\beta_2} = -1.80$$

$$\text{Wetterdummy}[\text{€}] = \frac{\beta_4}{-\beta_2} = 4.70$$

# Stated Choice SS 2019 mit alternativenspez. Zeitsensitivität ohne Wettereinfluss: Fitgüte

$$V_i = \beta_0 \delta_{i1} + \beta_1 \delta_{i2} + \beta_2 K + \beta_3 T_1 \delta_{i1} + \beta_4 T_2 \delta_{i2} + \beta_5 T_3 \delta_{i3}$$



$$\begin{aligned} \ln L &= -80.4, \\ \ln L_{\text{init}} &= -128.5, \\ \beta_0 &= +3.7 \pm 1.9, \\ \beta_1 &= +0.09 \pm 0.79, \\ \beta_2 &= -1.8 \pm 0.4, \\ \beta_3 &= -0.43 \pm 0.15, \\ \beta_4 &= -0.15 \pm 0.04, \\ \beta_5 &= -0.07 \pm 0.04 \end{aligned}$$

$$AC_{\text{Fuss}}[\text{min}] = \frac{\beta_0}{-\beta_3} = +8.7$$

$$AC_{\text{Fuss}}[\text{€}] = \frac{\beta_0}{-\beta_2} = +2.10$$

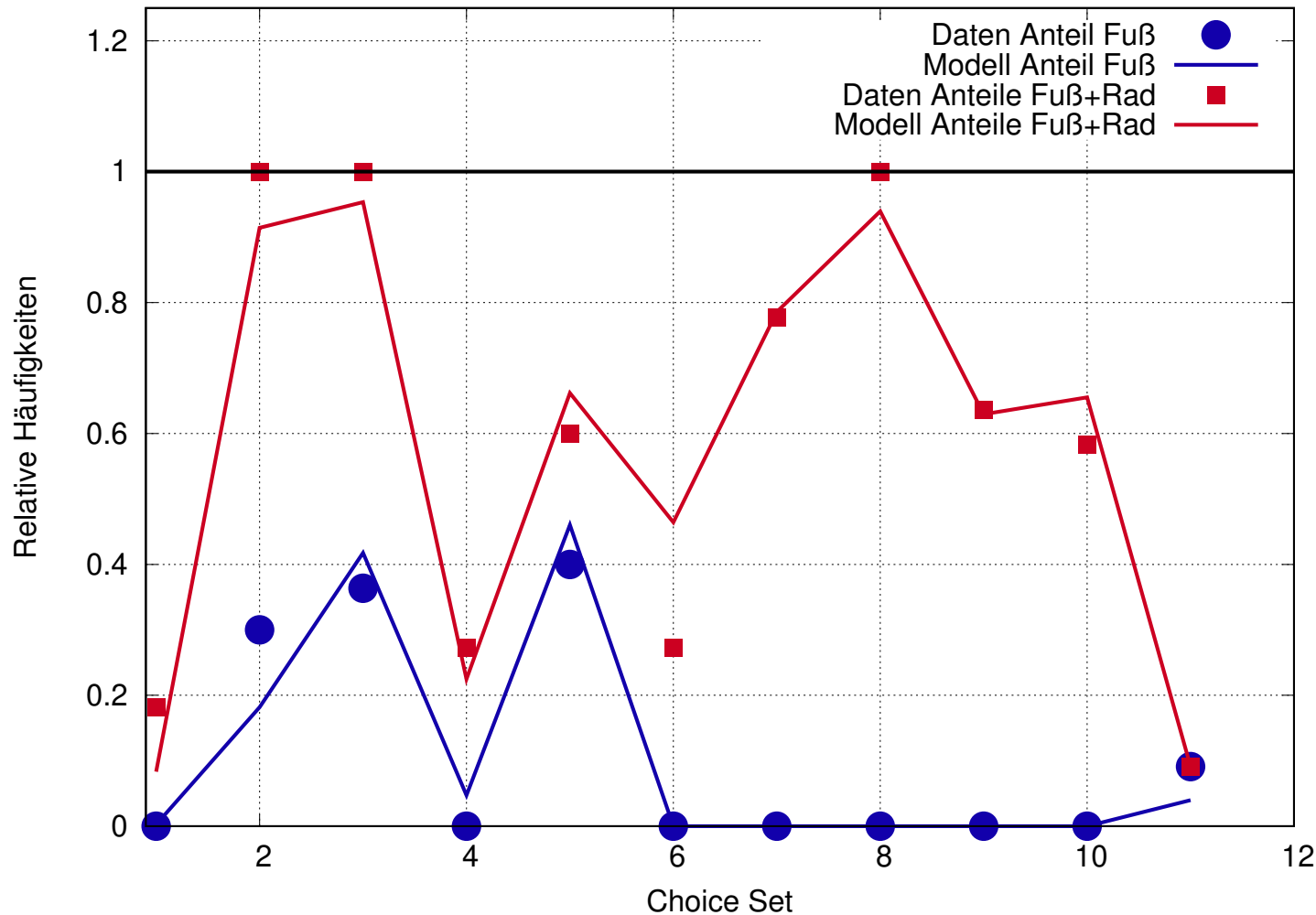
$$AC_{\text{Rad}}[\text{min}] = \frac{\beta_1}{-\beta_3} = +0.2$$

$$AC_{\text{Rad}}[\text{€}] = \frac{\beta_1}{-\beta_2} = +0.05$$

$$\text{Zeitwert}[\text{€}/\text{ÖV-h}] = \frac{60\beta_5}{\beta_2} = 2.40$$

# Stated Choice SS 2019 mit alternativenspez. Zeitsensitivität und Wettereinfluss: Fitgüte

$$V_i = \beta_0 \delta_{i1} + \beta_1 \delta_{i2} + \beta_2 K + \beta_3 T_1 \delta_{i1} + \beta_4 T_2 \delta_{i2} + \beta_5 T_3 \delta_{i3} + \beta_6 W \delta_{i3}$$



$$\begin{aligned} \ln L &= -71.2, \\ \ln L_{\text{init}} &= -128.5, \\ \beta_0 &= +3.4 \pm 1.7, \\ \beta_1 &= +0.44 \pm 0.82, \\ \beta_2 &= -1.4 \pm 0.4, \\ \beta_3 &= -0.44 \pm 0.13, \\ \beta_4 &= -0.23 \pm 0.06, \\ \beta_5 &= -0.13 \pm 0.04, \\ \beta_6 &= +3.9 \pm 1.2 \end{aligned}$$

$$AC_{\text{Fuss}}[\text{min}] = \frac{\beta_0}{-\beta_3} = +7.7$$

$$AC_{\text{Fuss}}[\text{€}] = \frac{\beta_0}{-\beta_2} = +2.40$$

$$\text{Zeitwert}[\text{€}/\text{ÖV-h}] = \frac{60\beta_5}{\beta_2} = 5.50$$

$$AC_{\text{Rad}}[\text{min}] = \frac{\beta_1}{-\beta_3} = +1.0$$

$$AC_{\text{Rad}}[\text{€}] = \frac{\beta_1}{-\beta_2} = +0.30$$

$$\text{Wetterdummy}[\text{€}] = \frac{\beta_4}{-\beta_2} = 2.70$$