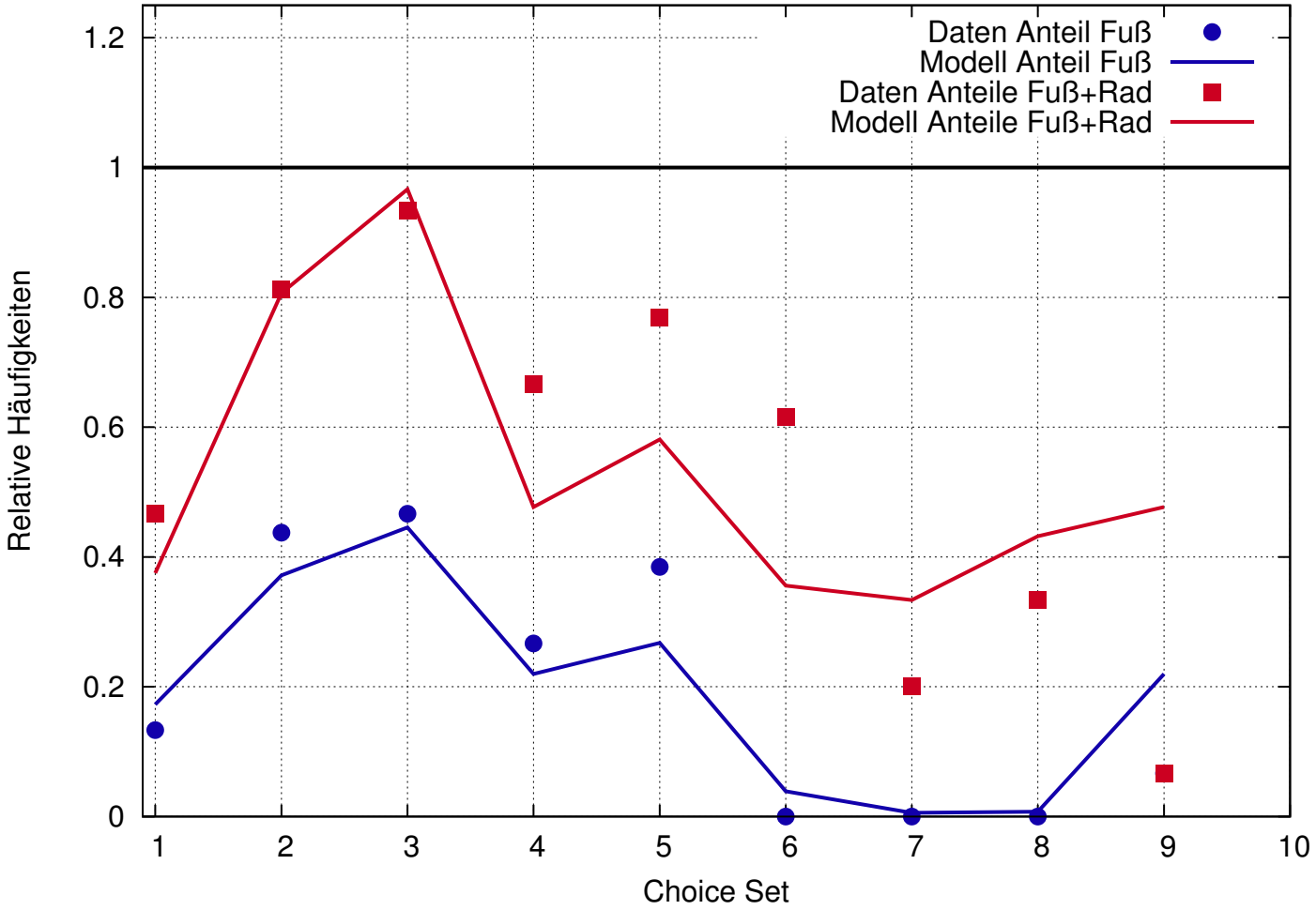
Stated Choice WS 16/17: Fitgüten der verschiedenen Modelle

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€	2	5	8
2	30 min	30 min	40 min+0€	7	6	3
3	30 min	30 min	50 min+0€	7	7	1
4	30 min	30 min	30 min+1€	4	6	5
5	30 min	30 min	30 min+2€	5	5	3
6	40 min	30 min	30 min+1€	0	8	5
7	80 min	60 min	60 min+1€	0	3	12
8	80 min	60 min	60 min+2€	0	5	10
9	30 min	30 min	30 min+1€	1	0	14

schwarz: Wetter schön ($W = 0$); rot: Wetter schlecht ($W = 1$)

SC WS 16/17 mit globaler Zeitsensitivität ohne Wetter

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



$$\ln L = -118.3,$$
$$\ln L_{\text{init}} = -145.0,$$
$$\beta_0 = -1.29 \pm 0.41,$$
$$\beta_1 = -1.13 \pm 0.40,$$
$$\beta_2 = -0.42 \pm 0.31,$$
$$\beta_3 = -0.19 \pm 0.05$$

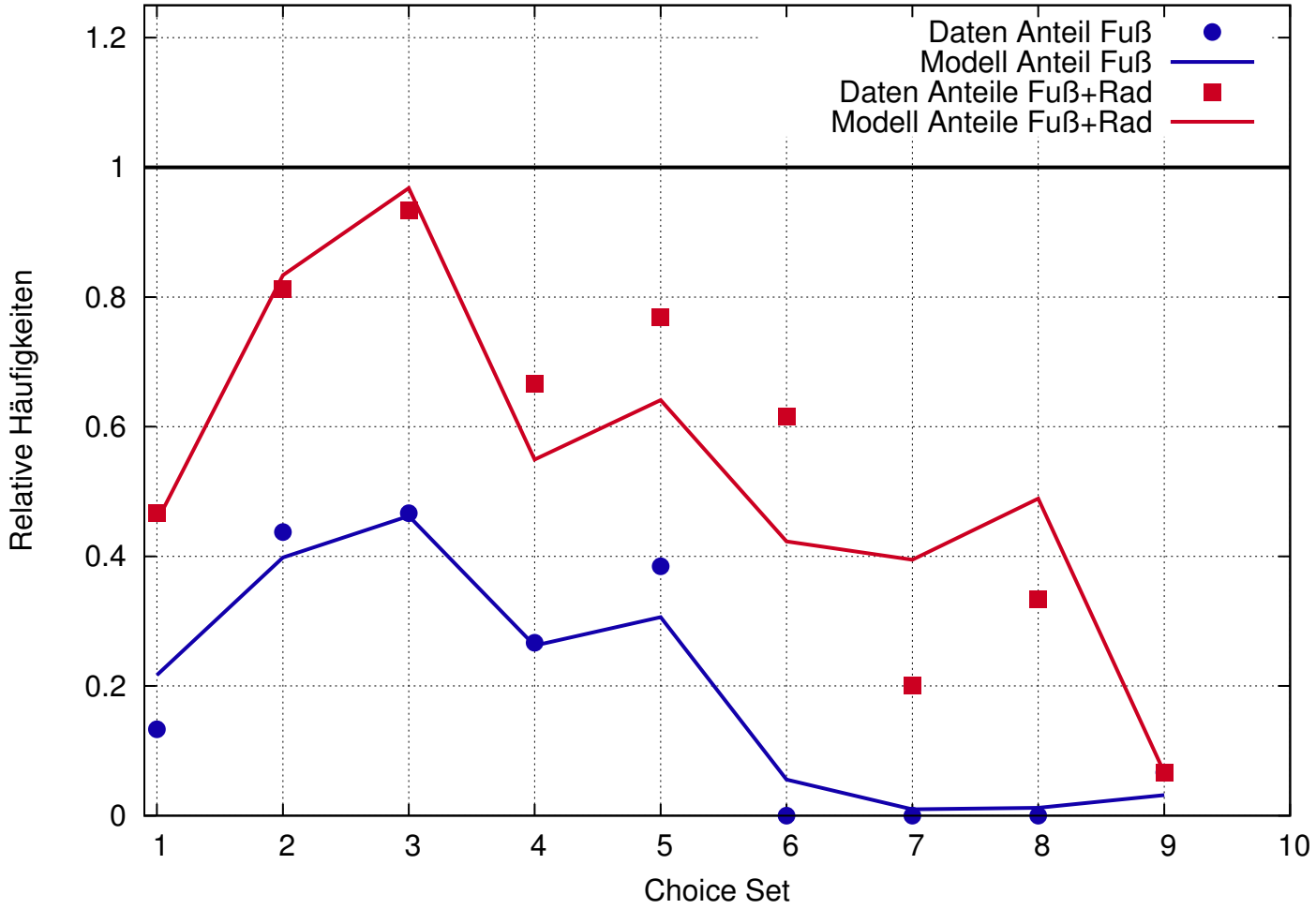
$\text{AC}_{\text{Fuss}}[\text{min}] = \frac{\beta_0}{-\beta_3} = -6.6$ $\quad \text{AC}_{\text{Fuss}}[€] = \frac{\beta_0}{-\beta_2} = -3.10$

$\text{AC}_{\text{Rad}}[\text{min}] = \frac{\beta_1}{-\beta_3} = -5.8$ $\quad \text{AC}_{\text{Rad}}[€] = \frac{\beta_1}{-\beta_2} = -2.70$

$\text{Zeitwert}[€/\text{h}] = \frac{60\beta_3}{\beta_2} = 28$

SC WS 16/17 mit globaler Zeitsensitivität

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



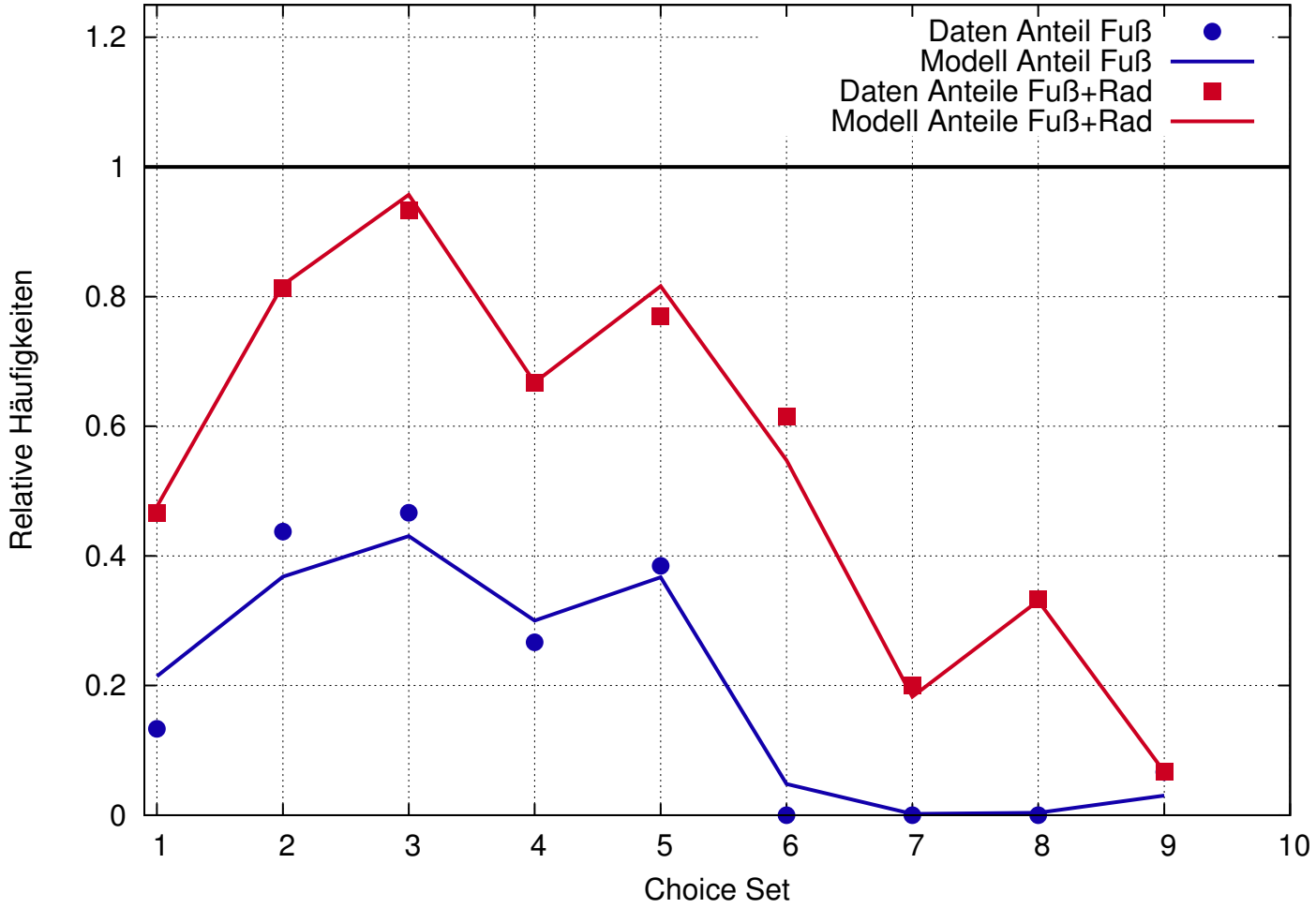
$\ln L = -111.3,$
$\ln L_{\text{init}} = -145.0,$
$\beta_0 = -0.92 \pm 0.41,$
$\beta_1 = 0.83 \pm 0.40,$
$\beta_2 = -0.38 \pm 0.30,$
$\beta_3 = -0.18 \pm 0.05,$
$\beta_4 = 2.8 \pm 1.1$

$\text{AC}_{\text{Fuss}}[\text{min}] = \frac{\beta_0}{-\beta_3} = -5.1$ $\quad \text{AC}_{\text{Fuss}}[€] = \frac{\beta_0}{-\beta_2} = -2.40$ $\quad \text{Zeitwert}[€/\text{h}] = \frac{60\beta_3}{\beta_2} = 28$

$\text{AC}_{\text{Rad}}[\text{min}] = \frac{\beta_1}{-\beta_3} = -4.6$ $\quad \text{AC}_{\text{Rad}}[€] = \frac{\beta_1}{-\beta_2} = -2.20$ $\quad \text{Wetterdummy}[€] = \frac{\beta_4}{-\beta_2} = 7.4$

SC WS 16/17: Gemeinsame Zeitsensitivität Fuss-Rad

$$V_i = \beta_0\delta_{i1} + \beta_1\delta_{i2} + \beta_2 C + \beta_3 T(\delta_{i1} + \delta_{i2}) + \beta_4 T\delta_{i3} + \beta_5 W\delta_{i2}$$



$$\ln L = -107.0,$$
$$\ln L_{\text{init}} = -145.0,$$
$$\beta_0 = 0.71 \pm 0.71,$$
$$\beta_1 = 0.91 \pm 0.73$$
$$\beta_2 = -0.79 \pm 0.37,$$
$$\beta_3 = -0.21 \pm 0.05,$$
$$\beta_4 = -0.16 \pm 0.05,$$
$$\beta_5 = 3.3 \pm 1.1,$$

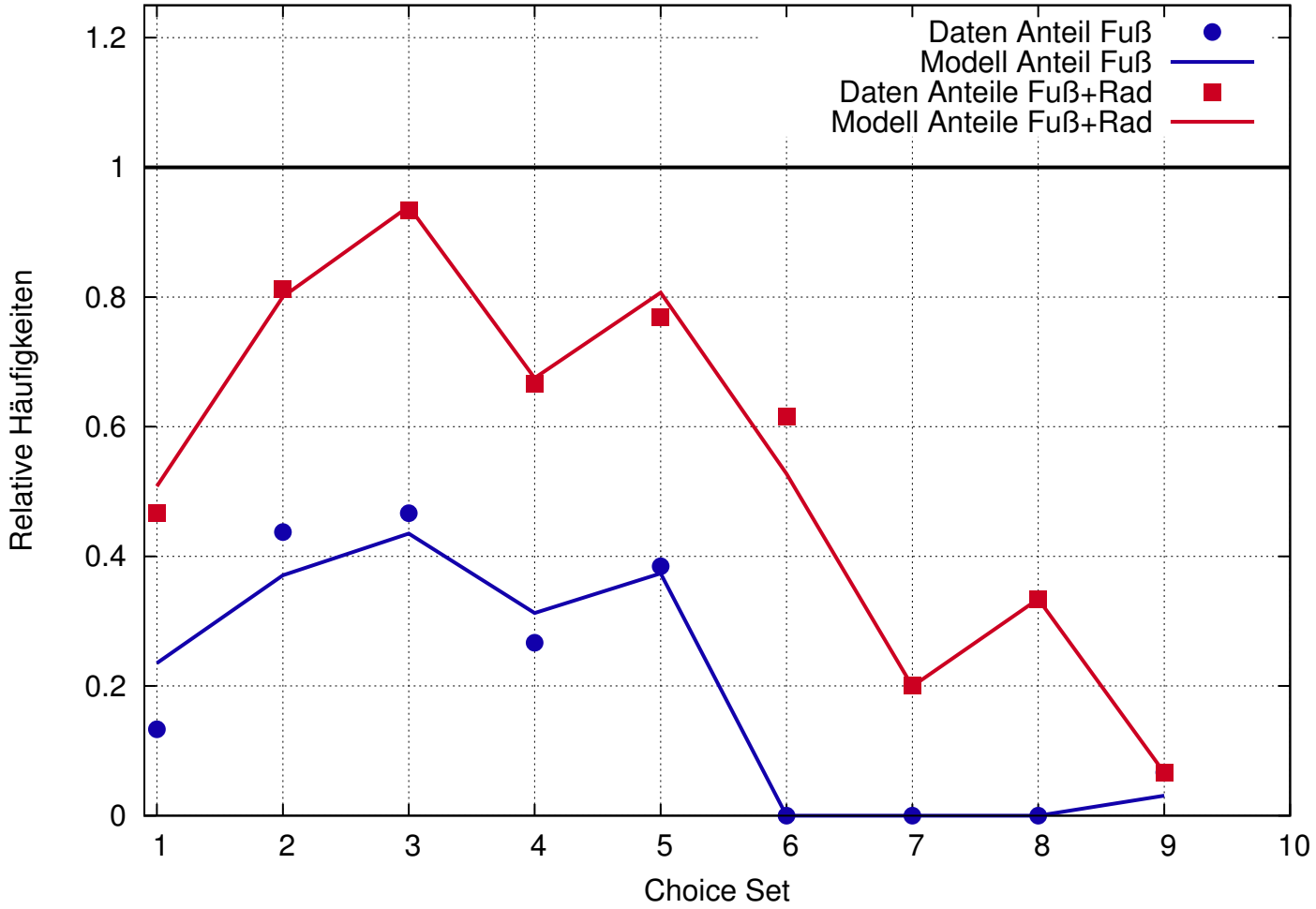
$\text{AC}_{\text{Fuß}}[€] = \frac{\beta_0}{-\beta_2} = +0.90$ Zeitwert F/R$[€/\text{h}] = \frac{60\beta_3}{\beta_2} = 16$

$\text{AC}_{\text{Rad}}[€] = \frac{\beta_1}{-\beta_2} = +1.20$ Zeitwert OEV$[€/\text{h}] = \frac{60\beta_4}{\beta_2} = 12$

Wetterdummy$[€] = \frac{\beta_5}{-\beta_2} = 4.2$

SC WS 16/17: Alternativenspezifische Zeitbewertungen

$$V_i = \beta_0\delta_{i1} + \beta_1\delta_{i2} + \beta_2 C + \beta_3 T\delta_{i1} + \beta_4 T\delta_{i2} + \beta_5 T\delta_{i3} + \beta_6 W\delta_{i2}$$



$$\ln L = -106.1,$$
$$\ln L_{\text{init}} = -145.0,$$
$$\beta_0 = 31.3 \pm 1000,$$
$$\beta_1 = 0.91 \pm 0.71,$$
$$\beta_2 = -0.70 \pm 0.36,$$
$$\beta_3 = -1.20 \pm 1000,$$
$$\beta_4 = -0.19 \pm 0.05,$$
$$\beta_5 = -0.14 \pm 0.04,$$
$$\beta_6 = +3.4 \pm 1.1$$

$\text{AC}_{\text{Fuß}}[€] = \frac{\beta_0}{-\beta_2} = +44.80$

$\text{AC}_{\text{Rad}}[€] = \frac{\beta_1}{-\beta_2} = +1.30$

Zeitwert Fuß$[€/\text{h}] = \frac{60\beta_3}{\beta_2} = 103$

Zeitwert Rad$[€/\text{h}] = \frac{60\beta_4}{\beta_2} = 16$

Zeitwert Rad$[€/\text{h}] = \frac{60\beta_4}{\beta_2} = 16$

Wetterdummy$[€] = \frac{\beta_6}{-\beta_2} = 4.80$