Supplementary File 3. Univariable logistic regression model statistics. Data are presented for all predictor variables, response thresholds, and lateral wedge insole conditions for models that correspond to the clinically-accessible (Clin) and laboratory-derived (Lab) versions of the predictor variable, respectively. Bolded odds ratio values and p-values indicate statistical significance ($p < 0.05$). Unbolded odds ratios values and p-values indicate a predictor variable of interest ($0.05 < p < 0.10$). Odds ratios values and p-values were omitted if the predictor variable did not minimally reach the threshold of interest ($p \geq 0.10$).

		WEDG			WEDG+V-ARCH		
Response Threshold		2%	6%	10%	2%	6%	10%
Age	OR						
	95%CI	-	-	-	-	-	-
	p						
Sex	OR					0.333	
	95%CI	-	-	-	-	(0.095, 1.173)	-
	p					*0.087*	
BMI	OR						**0.802**
	95%CI	-	-	-	-	-	**(0.653, 0.985)**
	p						*0.035*
FPI	OR						
	95%CI	-	-	-	-	-	-
	p						
NRS pain	OR						
	95%CI	-	-	-	-	-	-
	p						
FFI pain	OR	0.971					
	95%CI	(0.937, 1.005)	-	-	-	-	-
	p	*0.096*					
KL grade	OR	0.350	**0.295**	0.227		0.279	0.142
	95%CI	(0.110, 1.110)	**(0.093, 0.933)**	(0.061, 0.841)	-	(0.085, 0.910)	(0.027, 0.731)
	p	0.075	0.038	*0.026*		*0.034*	0.020
Gait speed (Clin)	OR	**2.068**	**1.448**		1.678	1.867	1.682
	95%CI	**(1.282, 3.337)**	**(1.025, 2.045)**	-	(1.137, 2.477)	(1.224, 2.847)	(1.107, 2.555)
	p	0.003	0.036		0.009	*0.004*	*0.015*
Knee alignment (Clin)	OR	1.184	**1.224**	1.208		1.212	1.382
	95%CI	(0.990, 1.416)	**(1.015, 1.475)**	(0.994, 1.469)	-	(1.005, 1.461)	(1.076, 1.775)
	p	*0.065*	0.034	*0.057*		*0.044*	*0.011*
Ankle/subtalar joint eversion (Clin)	OR						
	95%CI	-	-	-	-	-	-
	p						
Foot progression angle (Clin)	OR						
	95%CI	-	-	-	-	-	-
	p						

Gait speed (Lab)	OR	**2.200**	**1.488**	-	**1.775**	**1.978**	**1.815**
	95%CI	**(1.332, 3.633)**	**(1.043, 2.121)**		**(1.182, 2.665)**	**(1.277, 3.065)**	**(1.162, 2.835)**
	p	***0.002***	***0.028***		***0.006***	***0.002***	***0.009***
Knee alignment (Lab)	OR	-	1.109	-	-	-	**1.277**
	95%CI		(0.984, 1.249)				**(1.072, 1.522)**
	p		*0.091*				***0.006***
Ankle/subtalar joint eversion (Lab)	OR	-	-	-	-	-	-
	95%CI						
	p						
Foot progression angle (Lab)	OR	-	-	-	-	-	-
	95%CI						
	p						

Abbreviations: BMI = body mass index, FFI = foot function index, FPI = foot posture index, KL = Kellgren & Lawrence, OR = odds ratio