Supplementary Table 10. Dominant failure pattern in infeasible models (by diameter and sex)

Cylinder diameter (mm)	Sex (no.)	Most common breach Δ seg bin	Most common breached boundary	Fisher P-value (location)	Fisher P-value (boundary)
5	Male (2)	Tie: ≤−4 and ≥3 (50.0 each)	Tie: superior and Outer (50.0 each)	1	0.250
	Female (7)	1 to 2 (42.9)	Superior (71.4)		
6.5	Male (8)	Tie: ≤−4 and 1 to 2 (37.5 each)	Inferior (37.5)	0.938	0.076
	Female (29)	1 to 2 (44.8)	Superior (48.3)		
7.3	Male (17)	≤−4 (52.9)	Inner (35.3)	0.324	0.401
	Female (36)	1 to 2 (44.4)	Superior (47.2)		

Values are presented as number (% within each sex and diameter), restricted to infeasible models. Ties indicate equal highest frequencies. Fisher P-value (location) and Fisher P-value (boundary) are from Fisher exact tests comparing the full distributions between sexes within each diameter.