

Experimental Design Matrix: Information Structure in Bargaining

	Full Info (Control)	One-Sided (Treatment 1)	Two-Sided (Treatment 2)
Information structure	Both valuations public	AI valuation private	Both valuations private
Human knows about AI	AI value = \$6.00 (exact)	AI value ∈ [4, 8] (range only)	AI value ∈ [4, 8] (range only)
AI knows about human	Human value = \$8.00 (exact)	Human value = \$8.00 (exact, public)	Human value ∈ [6, 10] (range only)
Payoff formulas	Deal: $H=8 - P, AI = P - 6$ No deal: both \$0	Deal: $H=8 - P, AI = P - 6$ No deal: both \$0	Deal: $H=8 - P, AI = P - 6$ No deal: both \$0
Rounds	6	6	6
AI strategy	Concession Ladder (identical)	Concession Ladder (identical)	Concession Ladder (identical)
Turn structure	Alternating (AI first)	Alternating (AI first)	Alternating (AI first)

Yellow cells = treatment manipulation (differs across conditions)