

Forecasting Methods Application Checklist

Name of forecasting problem: _____				
Forecaster: _____			Date: _____	
Method	Knowledge needed		Usable method	Variations of components
	Forecaster*	Respondents/Experts	(☒)	(Number)
Judgmental methods				
1. Prediction markets	Survey/market design	Domain; Problem	<input type="checkbox"/>	[]
2. Multiplicative decomposition	Domain; Structural relationships	Domain	<input type="checkbox"/>	[]
3. Intentions surveys	Survey design	Own plans/behavior	<input type="checkbox"/>	[]
4. Expectations surveys	Survey design	Others' behavior	<input type="checkbox"/>	[]
5. Expert surveys (Delphi, etc.)	Survey design	Domain	<input type="checkbox"/>	[]
6. Simulated interaction	Survey/experiment design	Normal human responses	<input type="checkbox"/>	[]
7. Structured analogies	Survey design	Analogous events	<input type="checkbox"/>	[]
8. Experimentation	Experimental design	Normal human responses	<input type="checkbox"/>	[]
9. Expert systems	Survey design	Domain	<input type="checkbox"/>	[]
Quantitative methods (<i>Judgmental inputs typically required</i>)				
10. Extrapolation	Time series methods; Data	n/a	<input type="checkbox"/>	[]
11. Rule-based forecasting	Causality; Time series methods	Domain	<input type="checkbox"/>	[]
12. Regression analysis	Causality; Data	Domain	<input type="checkbox"/>	[]
13. Judgmental bootstrapping	Survey/experiment design	Domain; Causality	<input type="checkbox"/>	[]
14. Segmentation	Causality; Data	Domain	<input type="checkbox"/>	[]
15. Knowledge models	Causality	Domain	<input type="checkbox"/>	[]
16. Combining forecasts from a single method... <input type="checkbox"/>		SUM of VARIATIONS []		
17. Combining forecasts from several methods... <input type="checkbox"/>		COUNT of METHODS []		

**Forecasters must always know about the forecasting problem, which may require consulting with the forecast client and domain experts, and consulting the research literature.*