

# EVO Video Analysis Protocol and Applied Example

This document defines a general video-analysis protocol for the 10-Pole Evolutionary Psychology (EVO) Typology. It explains how to extract behavioral and expressive data from moving images, then illustrates the protocol with an applied example. The goal is to infer personality structure dynamically, integrating movement, tone, timing, and contextual cues to map an individual's gravitational orientation across the ten EVO poles.

## General EVO Video Analysis Protocol

1. **Video Ingestion:** Accept input (clip, interview, lecture, performance). Extract frames, audio, and metadata.
2. **Frame-Level Feature Extraction:** Apply vision models to detect posture, gesture, gaze, facial expression, and proxemics.
3. **Audio-Linguistic Extraction:** Apply speech-to-text transcription for content analysis and audio modeling for tone, rhythm, and affect.
4. **Temporal Dynamics:** Analyze pacing, hesitation, gestural frequency, and variation—markers of confidence, control, or improvisation.
5. **Benchmark Mapping:** Use 20 time-based indicators (two per pole) to capture behavioral correlates of each evolutionary type.
6. **Pole Aggregation:** Compute mean scores per pole from visual, auditory, and semantic layers.
7. **Normalization:** Scale 10-dimensional vector for relative gravitational strengths.
8. **Interpretation:** Generate integrated cognitive-behavioral profile across all ten poles.
9. **Visualization:** Display results as a decagon radar chart with motion trails showing moment-to-moment shifts in pole activation.

#	Dynamic Benchmark	Primary Pole
1	Steady posture, consistent rule-governed movement	Enforcer
2	Verbal precision, corrective tone	Enforcer
3	Curious scanning of environment or audience	Explorer
4	Spontaneous topic-shifting or improvisation	Explorer
5	Warmth in tone and gesture, affiliative body language	Healer
6	Emotionally congruent facial response to others	Healer
7	Deliberate pacing, planned rhetoric	Strategist
8	Gestural economy—moves only with cognitive purpose	Strategist
9	Expressive rhythm, humor, or flair	Signaler
10	Heightened self-presentation or camera awareness	Signaler
11	Comforting or supportive tone and posture	Nurturer
12	Focus on collective goals or family/group imagery	Nurturer
13	Defensive stance, emphasis on strength or dominance	Protector
14	Raised voice, energetic assertion	Protector
15	Even-tempered mediation of disagreement	Diplomat

16	Cooperative alignment of gaze and turn-taking	Diplomat
17	Long reflective pauses, abstraction in speech	Seer
18	Metaphoric or philosophical framing of topics	Seer
19	Social mimicry, mirroring gestures or tone	Mimic
20	Conformity in language or performance style	Mimic

## Applied Example: Hypothetical Video — 'Philosopher Explaining His Theory'

### Video Summary:

A philosopher delivers a 5-minute monologue at a lectern. Minimal gesturing, intense focus, slow measured cadence, firm gaze, controlled intonation.

### Dynamic Feature Extraction:

- Posture: erect, unmoving — indicates control and formality.
- Gesture: rare, precise — high cognitive economy.
- Tone: steady, unemotional — emphasis on logic, not emotion.
- Tempo: slow but deliberate — deliberate processing and conceptual density.
- Facial affect: minimal — cognitive dominance over expressivity.
- Language (from transcript): abstract, rule-based vocabulary.

Pole	Mean Raw Score	Normalized Value	Interpretation
Enforcer	0.85	0.29	Rule-based, disciplined demeanor
Explorer	0.45	0.15	Moderate conceptual curiosity
Healer	0.10	0.03	Low affiliative tone
Strategist	0.88	0.30	Deliberate, planful communication
Signaler	0.25	0.08	Low expressivity
Nurturer	0.05	0.02	No caretaking indicators
Protector	0.55	0.19	Firm, self-contained presence
Diplomat	0.15	0.05	Little collaboration or conciliation
Seer	0.90	0.31	Abstract, metaphysical cognition
Mimic	0.20	0.07	Conventional lecture format

### Interpretation:

Dominant poles: **Seer – Strategist – Enforcer**

Secondary pole: **Protector**

This speaker's behavioral vector matches the archetype of the **Cognitive Sentinel**: organized, self-disciplined, and conceptually driven. Physical stillness and deliberate pacing express a prioritization of precision over warmth. Voice and gesture reflect control and abstraction rather than charisma or affiliation.

**Visualization:**

The decagon radar plot would show a strong triadic peak across Seer, Strategist, and Enforcer, creating a stable upper structure in the intellectual–disciplinary quadrant of the EVO schema. Moment-to-moment variation would show microfluctuations between Strategist and Seer as reasoning unfolds.