POLLING ERROR: SEQUENTIAL PIPELINE INTELLIGENCE DOSSIER

Program: Polling Error • Sequential Coordination: PollBot (Stage 1) → StatBot (Stage 2) • Georgian College LIAI 1001

Coordination: Sequential Pipeline (PollBot → StatBot)

Timestamp: 2026-11-10 20:44:37 UTC

Dataset: PollBot Intelligence Transfer

Reaffirmation: Confirmed • Non-Repetition: 100%

STAGE 1: POLLBOT QUALITATIVE METHODOLOGY ANALYSIS (FIRST)

Qualitative analysis extracted from alberta_equalization_referendum_audit.md

• Course:** LIAI 1001 – Strategy and Change
• Author:** Graham Turnbull (Student ID: 200679442)
• System:** AI Polling Intelligence Agentic System (PollBot Analyst)
• Subject:** Viewpoint Alberta Survey (Leger / U of A) vs. Certified Referendum Results
• **Pinpoint Decided-Voter Accuracy:**
• **Key Demographic Cleavages:**
• **Age Gradient:** Senior voters (65+) showed the strongest support at **58% Yes**.
• **Regional Core:** Central (**57% Yes**) and Rural Alberta (**48% Yes**) were the leading geographic bases.
• **Gender Gap:** Identified a 13-point gender split (**51% Men Yes** vs. **38% Women Yes**).
• **Turnout Salience Advantage:**
• **The "Divided Electorate" Narrative Fallacy:**
• **Failure of the Traditional "Status Quo" Rule:**
• **Under-Emphasizing the Likely Voter Screen:**
• **Elevated Blank & Declined Ballots (49,401 Ballots / 4.52%):**
• **Municipal Election Concurrency:**
• **Separate Math from Narrative:** Never mistake high undecision in raw polling for a 50/50 race when decided voter ratios exhibit a 24-point lead.
• **Prioritize Likely-Voter Turnout Screens:** General population panels dilute motivated voting blocs, especially on high-salience constitutional or ballot measures.
• **Track the Protest Option:** In concurrent referendums, evaluate blank and declined ballots as a distinct exit vector for dissatisfied or uncommitted electors.

STAGE 2: PIPELINE HAND-OFF & USER REAFFIRMATION GATE

Handoff Status: VERIFIED • User Reaffirmed: YES

Transfer ID: TRANS-20261110-204437

Ledger Deduplication: Active (Jaccard ≥ 0.55)

Payload Integrity: Immutable Typed Contract

STAGE 3: STATBOT STATISTICAL CATEGORIZATION (SECOND)

Category: Demographic Factors

• System:** AI Polling Intelligence Agentic System (PollBot Analyst)

• Pinpoint Decided-Voter Accuracy:

• Key Demographic Cleavages:

• Age Gradient:** Senior voters (65+) showed the strongest support at **58% Yes**.

• Gender Gap:** Identified a 13-point gender split (**51% Men Yes** vs. **38% Women Yes**).

• Turnout Salience Advantage:

• Under-Emphasizing the Likely Voter Screen:

• Separate Math from Narrative:** Never mistake high undecision in raw polling for a 50/50 race when decided voter ratios exhibit a 24-point lead.

• Prioritize Likely-Voter Turnout Screens:** General population panels dilute motivated voting blocs, especially on high-salience constitutional or ballot measures.

Category: Geographic Factors

• Regional Core:** Central (**57% Yes**) and Rural Alberta (**48% Yes**) were the leading geographic bases.

Category: Methodology & Errors

• Subject:** Viewpoint Alberta Survey (Leger / U of A) vs. Certified Referendum Results

Category: identified_gaps

• Cross-Tabulation Pattern: High turnout salience among senior voters (65+) creates a potent mobilization asymmetry against low-salience youth cohorts.

• Methodological Coverage Gap: Rural geographic samples may be under-represented in pure online panel collection modes without phone/SMS calibration.

Identified Statistical Gaps & Cross-Tabulations

• Cross-Tabulation Pattern: High turnout salience among senior voters (65+) creates a potent mobilization asymmetry against low-salience youth cohorts.

• Methodological Coverage Gap: Rural geographic samples may be under-represented in pure online panel collection modes without phone/SMS calibration.