



Policy Recommendations in the VGI Working Group

- 109 policy recommendations, with detailed input
 - Description
 - How success looks like
 - Leading agency
 - Submitting party
 - Etc.
- Policy survey to answer three questions (assign 1-5 score)
 - Q1 Agree / disagree: "Do you agree or disagree that this recommendation will advance VGI in California?"
 - Q2 Clarity: "How clear, understandable, and policy ready is this recommendation?"
 - Q3 Relevance: "Q3. How critical and relevant is this policy to meeting your organization's own VGI objectives?

3000+ scoring entries on policy recommendations. How do we make sense of that?!





Three principles to analyze the responses from the survey

Overview

- 1. Use average scoring (arithmetic mean)
- 2. Use standard deviation
- 3. Define 5 classes of policy recommendations



Accounts for all opinions



Reflects divergence in opinions



Distinguish between "convergence" and "agreement"

Strong Convergence, Agree

Broad convergence, Agree Strong convergence, Disagree

Broad convergence, Disagree Divergence / Unclear



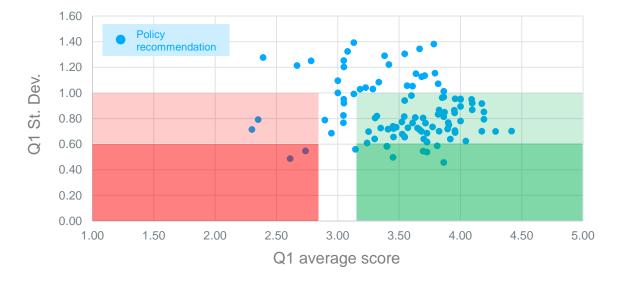
Two methods to classify the responses from the survey

Method 1: Focus on Q1 only

For every policy recommendation

- 1. Use average (arithmetic mean) of scoring for Q1
- Use standard deviation of scoring for Q1
- Define 5 classes

Class	Q1 Average	Q1 St. Dev.
Strong convergence, Agree	> 3.2	< 0.6
Broad convergence, Agree	> 3.2	0.6 < X < 1
Strong convergence, Disagree	< 2.8	< 0.6
Strong convergence, Disagree	< 2.8	0.6 < X < 1
Divergence / Unclear	all other	all other

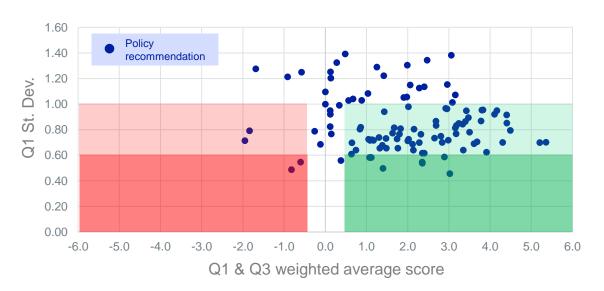


Method 2: Focus on Q1 & Q3

For every policy recommendation

- 1. Translate average (arithmetic mean) of scoring for Q1 [1, 5] to weights [-2,2]
- 2. Use average (arithmetic mean) of scoring for Q3
- 3. Multiple Q1 weight & Q3 scoring: Q1 weight [-2,2] x Q3 score [1,5] = [-10,10]
- Use standard deviation of scoring for Q1
- 5. Define 5 classes

Class	Q1 & Q3 Weighted Average	Q1 St. Dev.
Strong convergence, Agree	> 0.5	< 0.6
Broad convergence, Agree	> 0.5	0.6 < X < 1
Strong convergence, Disagree	< -0.5	< 0.6
Strong convergence, Disagree	< -0.5	0.6 < X < 1
Divergence / Unclear	all other	all other



Classification of Policy Recommendations

Strong Convergence, Agree

Q1	Q1 & Q3
Method	Method
2.08	2.08
3.02	3.02
6.06	6.06
7.05	7.05
9.02	9.02
10.12	10.12
10.13	10.13
10.14	10.14

Strong convergence, Disagree

Q1 & Q3
Method
8.03
10.06

Q1				Q1 & Q3		
M		Method			t	
1.01	3.03	8.01		1.01	3.03	8.01
1.03	3.04	9.01		1.03	3.04	9.01
1.07	3.05	9.03		1.07	3.05	9.03
1.08	3.06	10.01		1.08	3.06	10.01
1.09	3.07	10.02		1.09	3.07	10.02
1.1	4.03	10.03		1.1	4.03	10.03
1.11	4.05	10.04		1.11	4.05	10.04
1.13	5.02	10.07		1.13	5.02	10.07
1.14	5.03	10.08		1.14	5.03	10.08
1.15	6.04	10.09		1.15	6.04	10.09
1.18	6.07	10.15		1.18	6.07	10.15
1.19	6.08	11.03		1.19	6.08	11.03
1.2	6.09	11.04		1.2	6.09	11.04
2.01	6.1	11.05		2.01	6.1	11.05
2.02	6.11			2.02	6.11	
2.04	7.03			2.04	7.03	
2.07	7.04			2.07	7.04	
2.09	7.06			2.09	7.06	
2.1	7.07			2.1	7.07	
2.11	7.08			2.11	7.08	
2.15	7.09			2.15	7.09	
2.17	7.1			2.17	7.1	

2.2 7.12

2.21 7.13

2.24

2.2 7.12

2.21 7.13

2.24

Broad convergence,

Agree

Broad convergence, Disagree

Q1	Q1 & Q3
Method	Method
10.1	10.1
10.11	10.11

Divergence / Unclear

Q1				Q1 8	& Q3	
Method				Method		
	1.02	.02 3.01		1.02	3.01	
	1.04	4.01		1.04	4.01	
	1.05	4.02		1.05	4.02	
	1.06	4.04		1.06	4.04	
	1.12	5.01		1.12	5.01	
	1.16	6.01		1.16	6.01	
	1.17	6.02		1.17	6.02	
	2.03	6.03		2.03	6.03	
	2.05	6.05		2.05	6.05	
	2.06	7.01		2.06	7.01	
	2.12	7.02		2.12	7.02	
	2.13	7.11		2.13	7.11	
	2.14	8.02		2.14	8.02	
	2.16	10.05		2.16	10.05	
	2.18	11.01		2.18	11.01	
	2.19	11.02		2.19	11.02	
	2.22			2.22		
	2.23			2.23		



Participants converged on disagreeing with 4 recommendations

Participants expressed divergent opinions on 34 recommendations



