

**SUPPLEMENT TABLE 2.** Sensitivity analysis comparing percentage of country-grain combinations\* with documented items of fortification legislation, standards, and monitoring documents by verification status (N=72)

<b>Item</b>	<b>Verified Reviews** (n=23)</b>	<b>Unverified Reviews** (n=49)</b>	<b>p-value<sup>^</sup></b>
<i>General</i>			
Food vehicle stated in legislation	91%	100%	0.04
Public health objective/purpose	74%	67%	0.58
Accepted international norms	57%	53%	0.79
Definitions specific to fortification	78%	76%	0.80
Repeals of prior documentation	61%	57%	0.77
Effective date/grace period	74%	71%	0.83
<i>Micronutrients/premix</i>			
Nutrients required	100%	100%	1.00
Fortificants (chemical compounds)	91%	86%	0.51
Fortification levels	43%	41%	0.83
Bioavailability of fortificants	22%	35%	0.27
Nutrient stability	48%	55%	0.57
<i>Costing</i>			
Cost sharing of fortification	26%	16%	0.34
Financial responsibility of monitoring and enforcement	43%	31%	0.29
<i>Labeling</i>			
Labeling required	83%	76%	0.51
Guidance on health claims	48%	51%	0.80
<i>Internal monitoring (conducted by industry during production)</i>			
Sampling process outlined	48%	22%	0.03
Industry QA/QC justified/required	70%	61%	0.50
Applicability of qualitative tests	48%	20%	0.02
<i>External monitoring (conducted by government at production sites)</i>			
External monitoring justified	78%	57%	0.08
Protocols and systems described	39%	31%	0.48
Roles and responsibilities clarified	52%	27%	0.03
Timeline for inspections outlined	35%	22%	0.27
Sampling process outlined	52%	37%	0.22
Applicability of qualitative tests	30%	14%	0.11
Registration requirements	43%	35%	0.48
<i>Commercial monitoring (conducted by government at market or distribution sites)</i>			
Commercial monitoring justified	48%	47%	0.94
Protocols and systems described	30%	14%	0.11
Roles and responsibilities clarified	35%	24%	0.37

<b>Item</b>	<b>Verified Reviews** (n=23)</b>	<b>Unverified Reviews** (n=49)</b>	<b>p-value<sup>^</sup></b>
Timeline for inspections outlined	4%	10%	0.41
Sampling process outlined	30%	27%	0.73
<i>Import monitoring (conducted by government at ports/points of entry)</i>			
Import monitoring justified	70%	61%	0.50
Protocols and systems described	35%	35%	0.99
Roles and responsibilities clarified	30%	37%	0.61
Sampling process outlined	35%	20%	0.19
<i>Enforcement/penalties</i>			
Enforcement roles and responsibilities clarified	83%	63%	0.10
Incentives to start fortification	22%	10%	0.19
Incentives to continue fortification	9%	10%	0.84
Penalties to compel compliance	70%	67%	0.85
Penalties objectively defined	17%	22%	0.63
Enforcement includes feedback	39%	8%	0.001
<i>Laboratory</i>			
Analytical methods identified	65%	57%	0.52
Recognition of laboratory variation	13%	10%	0.73
Quantitative analysis of "marker" micronutrients such as iron	52%	29%	0.05
<i>Reporting</i>			
Dissemination of monitoring results described	35%	29%	0.60

\*Country-grain combination refers to the unit of analysis; countries that mandate the fortification of multiple cereal grains will contribute more than one country-grain combination (e.g. Philippines-wheat and Philippines-rice).

\*\*Verified reviews=country-grain combinations where country representatives confirmed that all appropriate documentation was included in review.

<sup>^</sup>Compared using chi-square tests.