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**CLOSING THE TECHNOLOGY GAP: PARTNER
FORCE DIGITAL TOOLS FOR INFORMATION
ADVANTAGE, PROJECT I-SHAREINFORMATION
SHARING, AND HOSTING ADVANCED REMOTE
ECOSYSTEM ASSESSMENTS**

Foley, Patrick M.; Harris, Peter L.

Monterey, CA; Naval Postgraduate School

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**NAVAL
POSTGRADUATE
SCHOOL**

MONTEREY, CALIFORNIA

**ANNEX TO
DEFENSE ANALYSIS
CAPSTONE REPORT
(3 of 5: Data Charts)**

**CLOSING THE TECHNOLOGY GAP: PARTNER FORCE
DIGITAL TOOLS FOR INFORMATION ADVANTAGE,
PROJECT I-SHARE–INFORMATION SHARING,
AND HOSTING ADVANCED REMOTE
ECOSYSTEM ASSESSMENTS**

by

Patrick M. Foley and Peter L. Harris

December 2022

Thesis Advisor:

Shannon C. Houck

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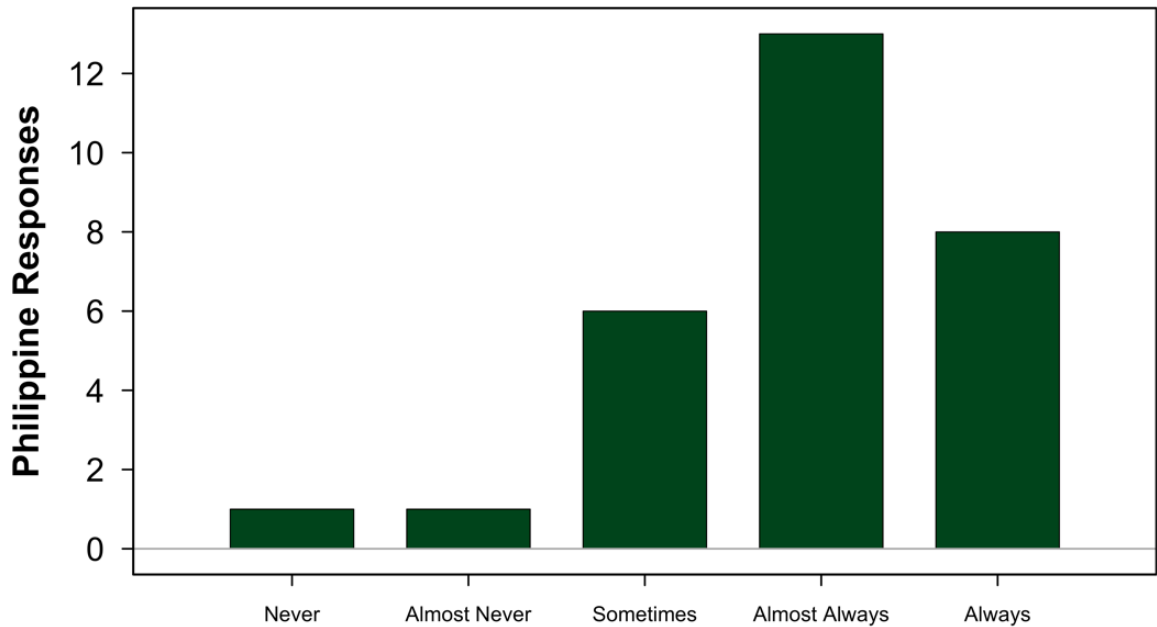
Second Readers:

Michael R. Stevens Jr.

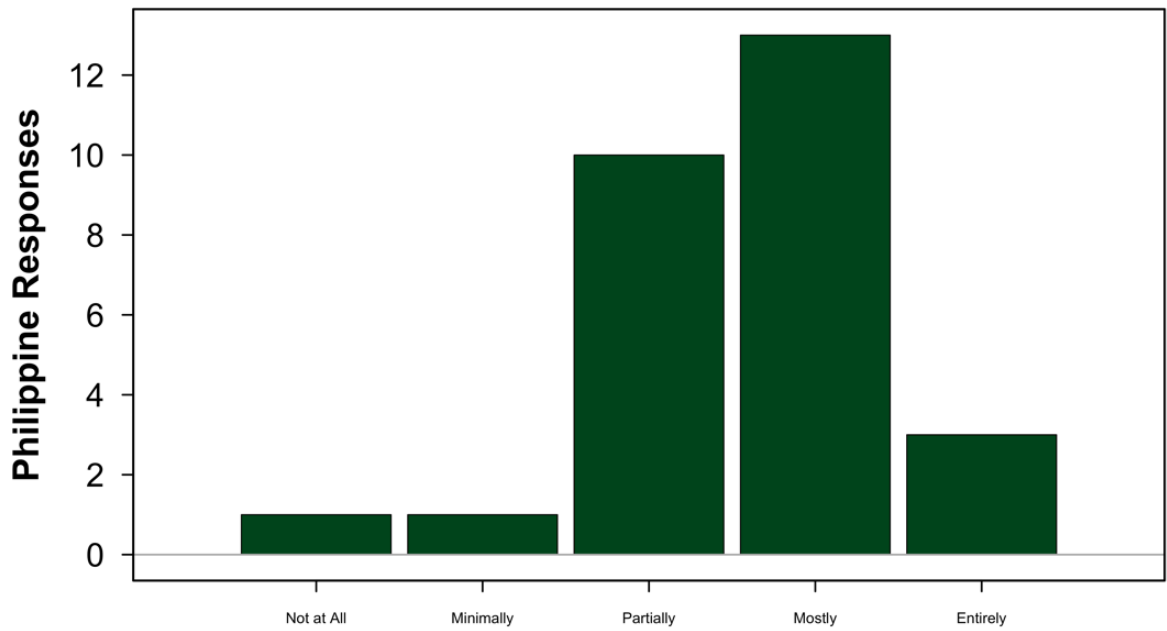
Eric Roles,

1st Special Forces Command

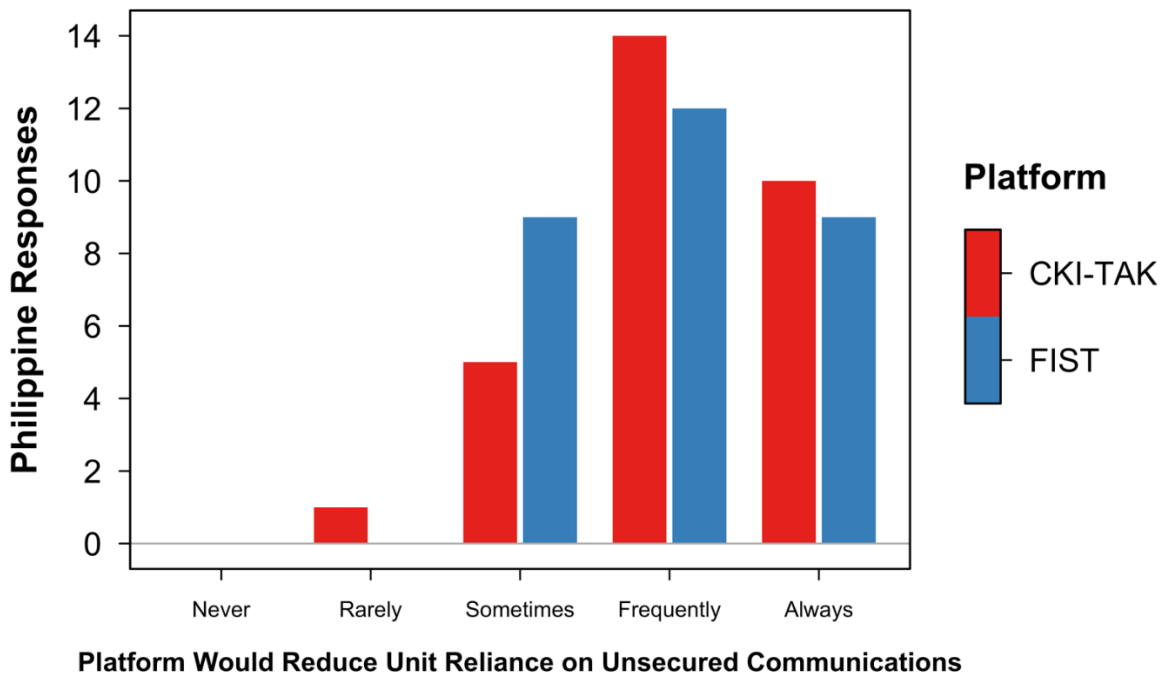
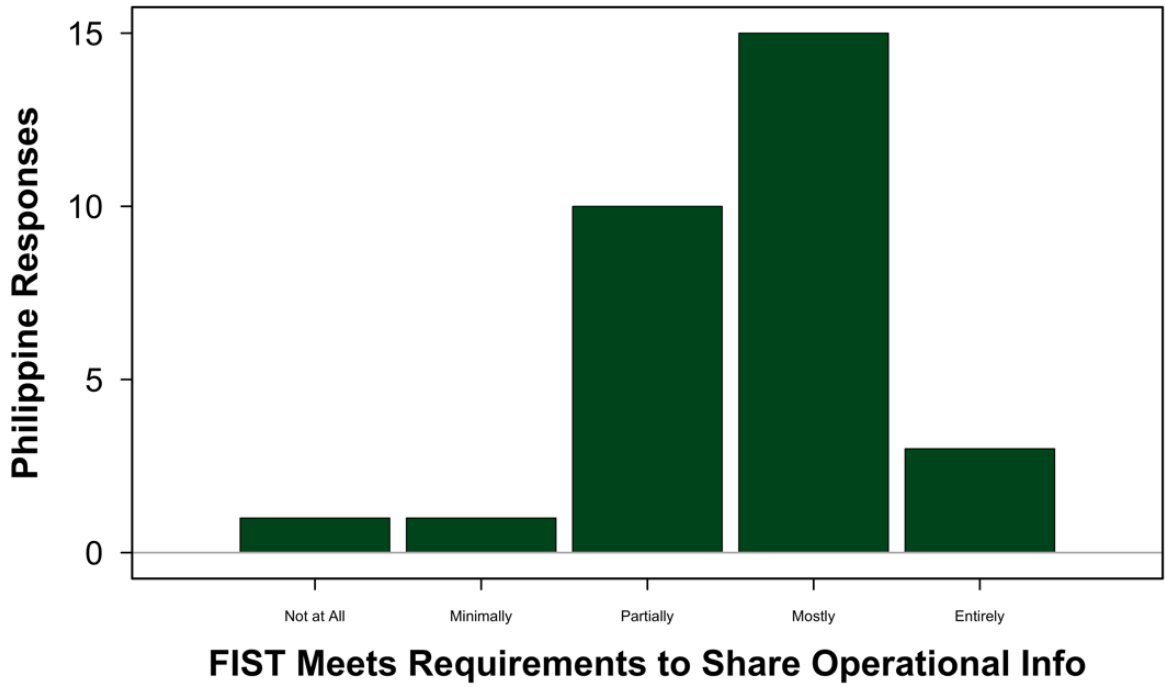
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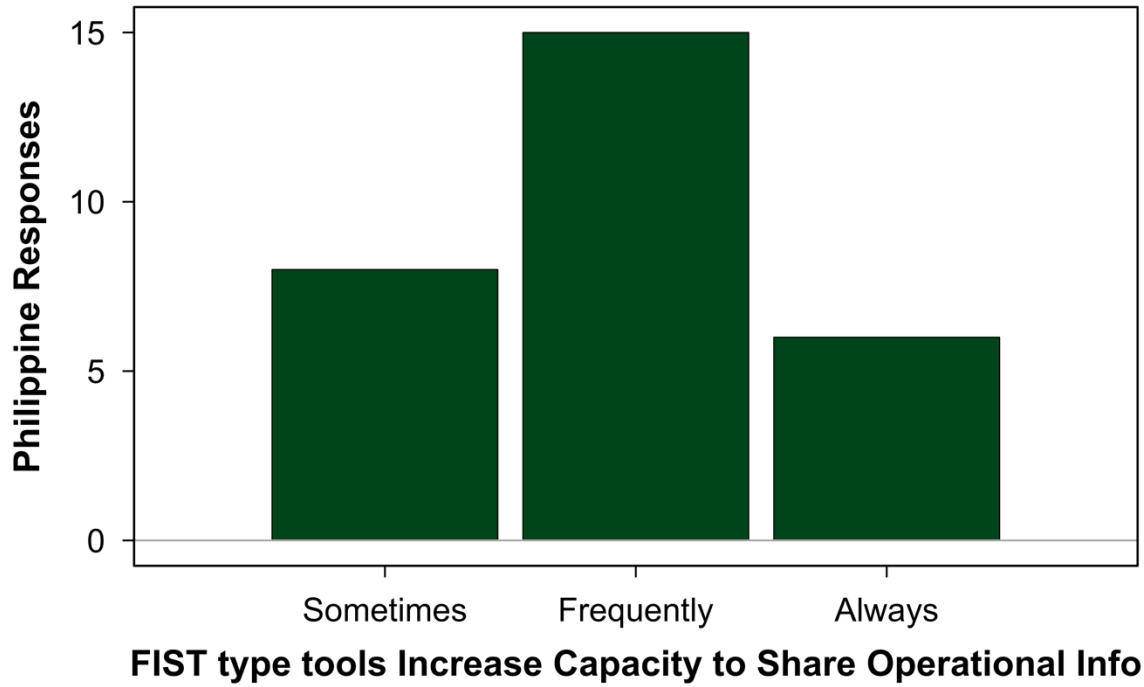


Unit Would Accept Info From the US via FIST During Exercises

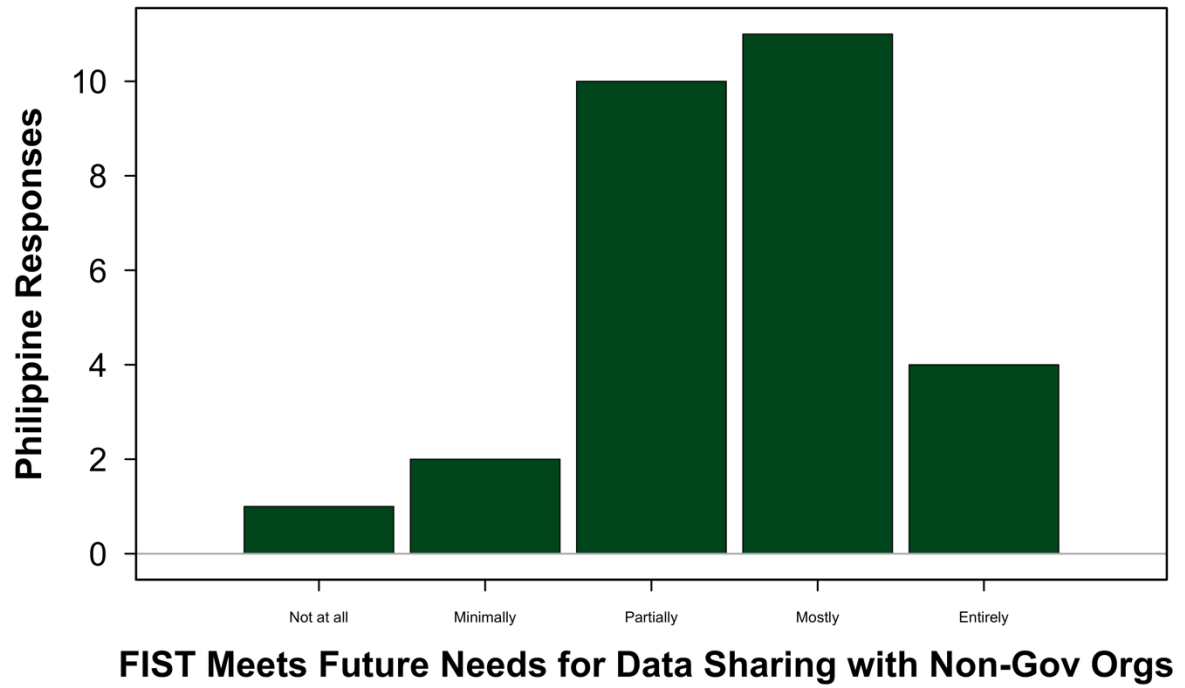


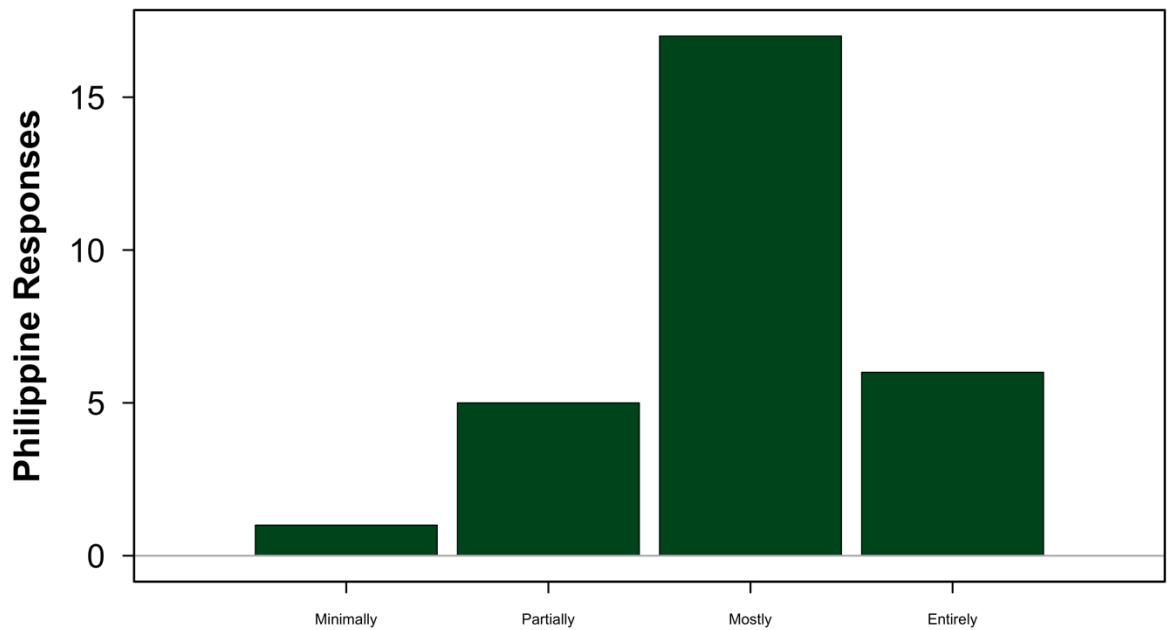
FIST Meets Unit Needs to Share Operational Info



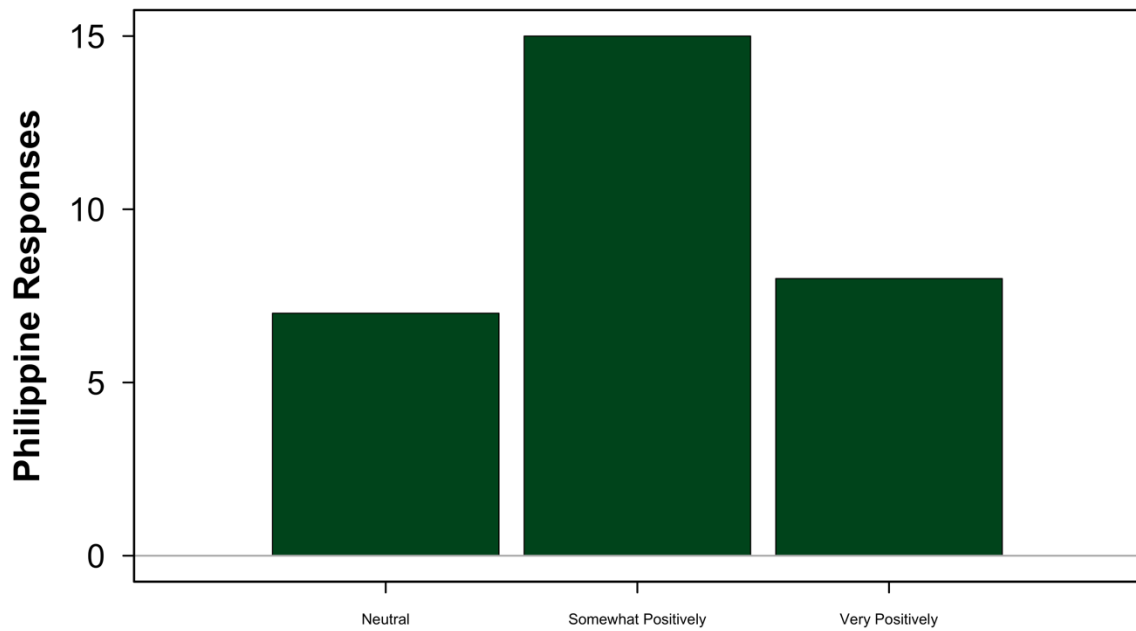


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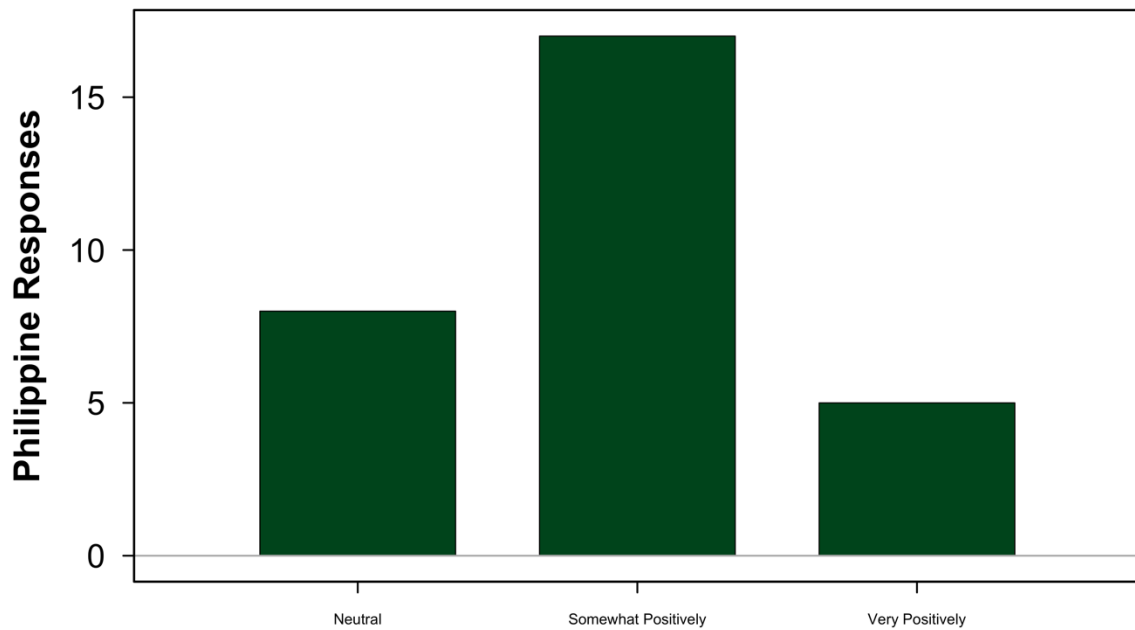




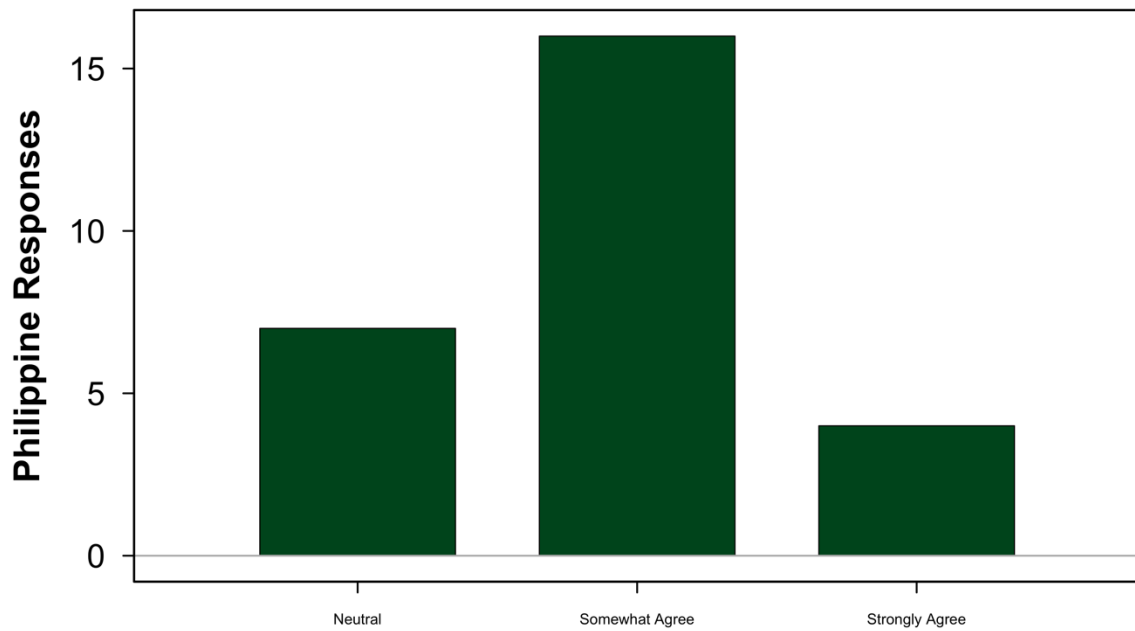
Does FIST Meet Future Needs for Unit Internal Data Sharing?



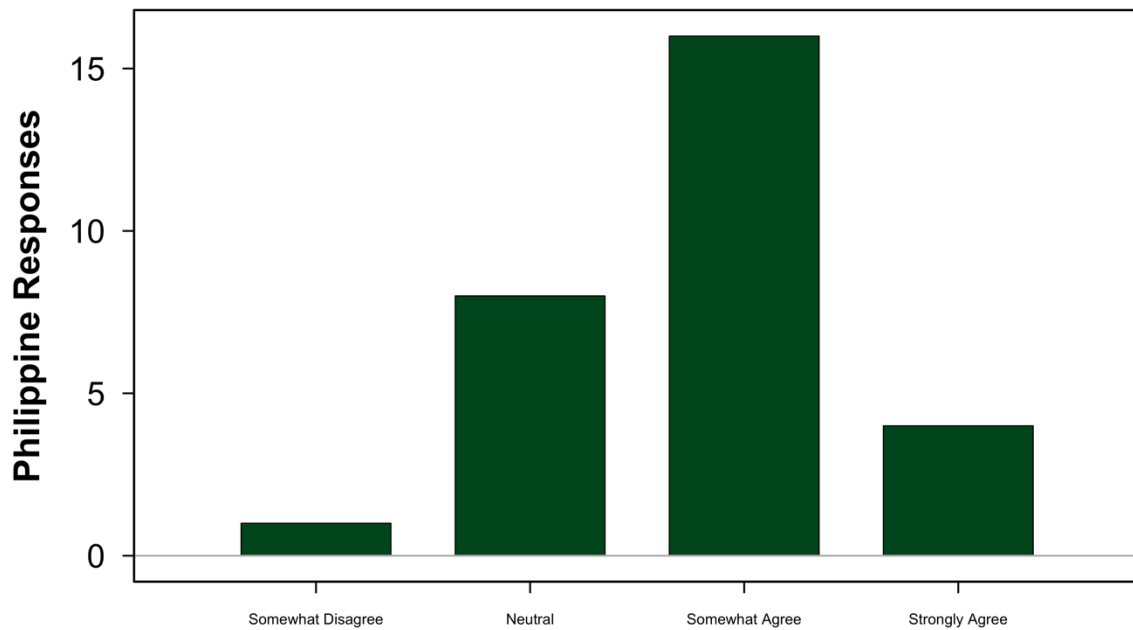
Does FIST Meet Unit Requirements for Medical Evacuation?



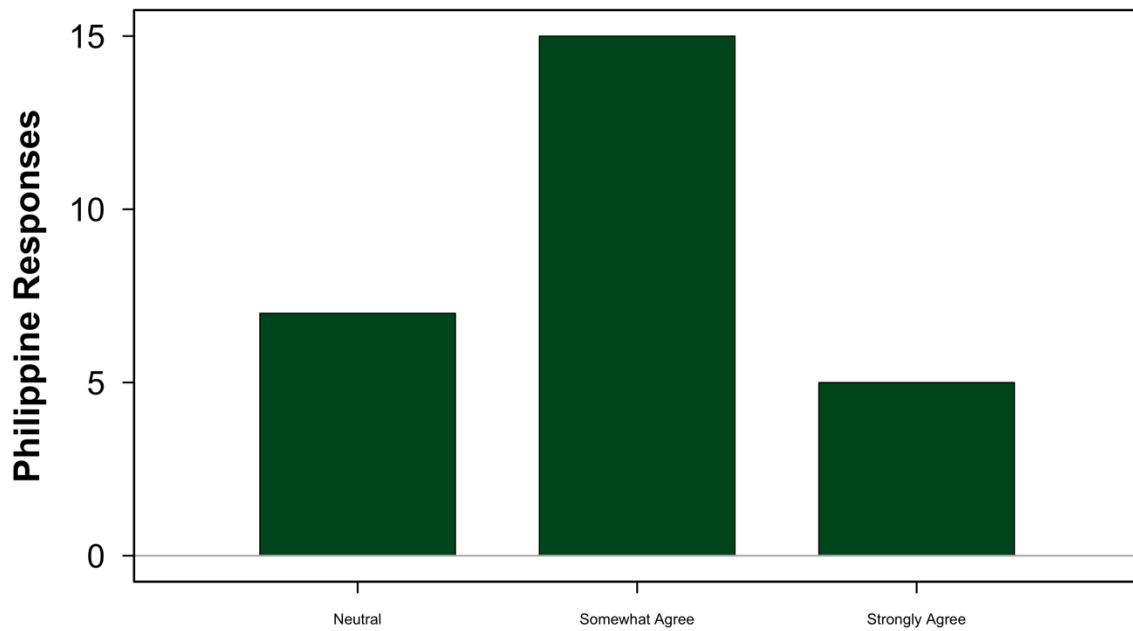
FIST allows unit to meet Requirements: Situational Awareness



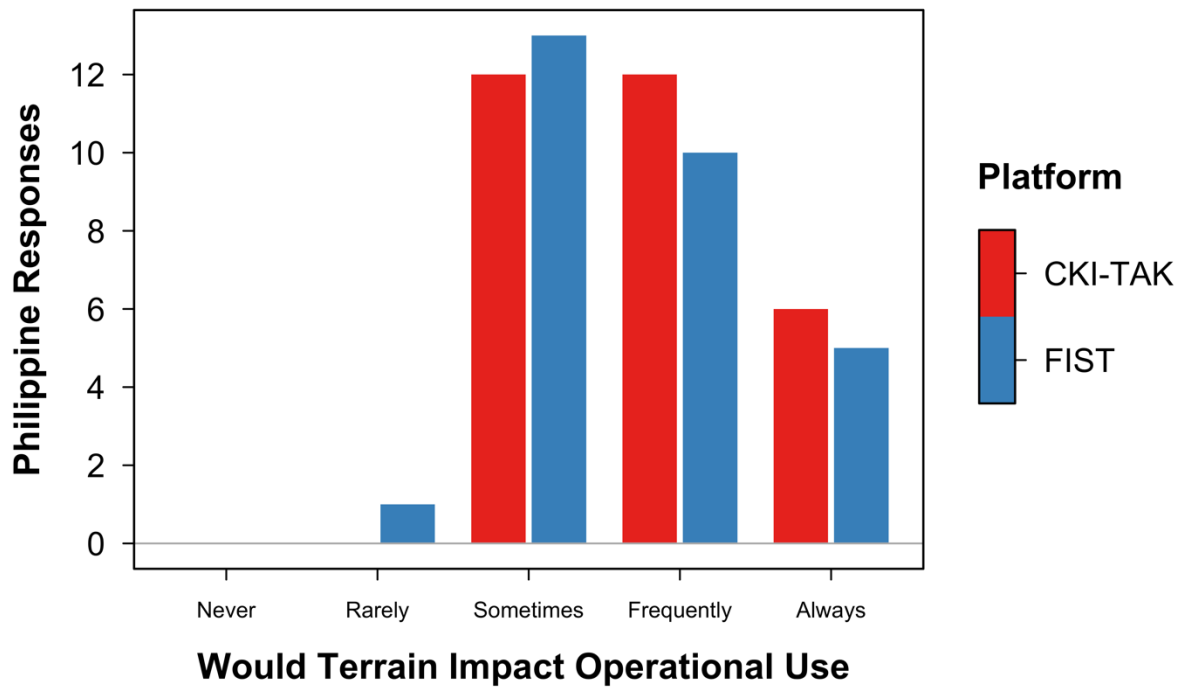
Does FIST have appropriate format for units requirements?

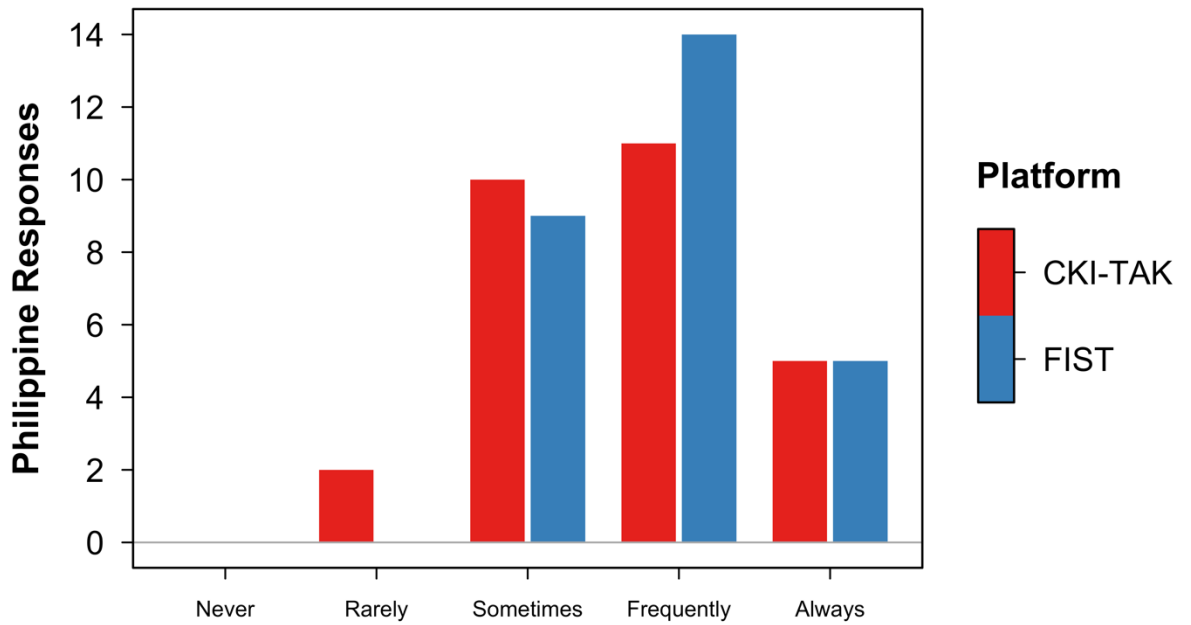
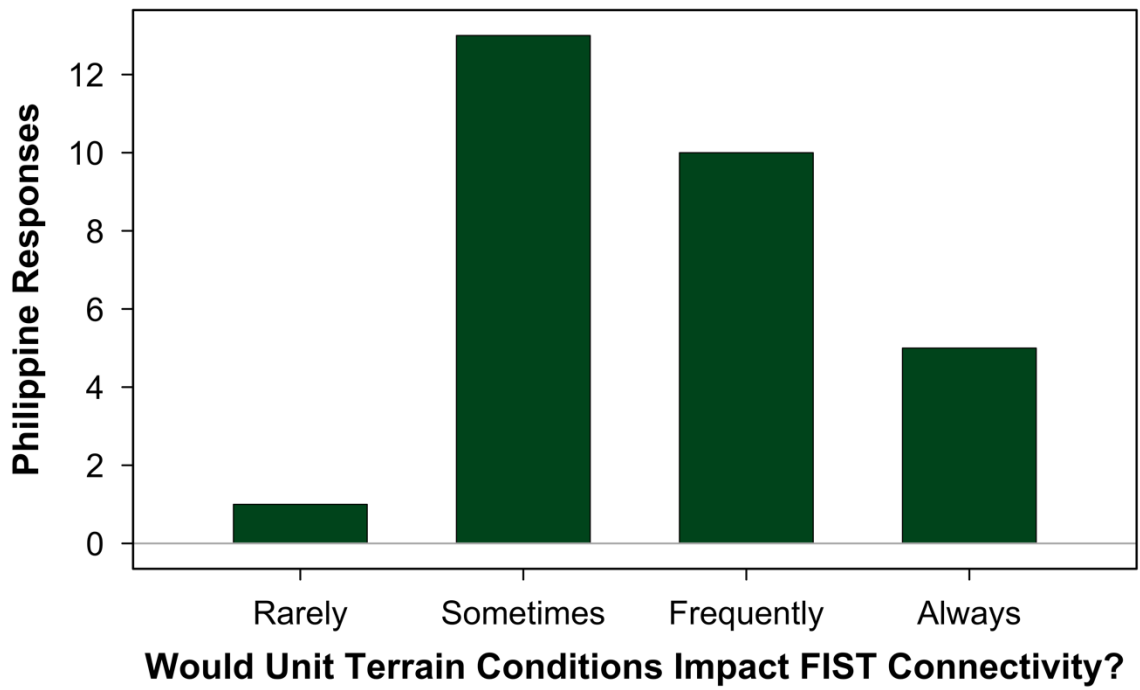


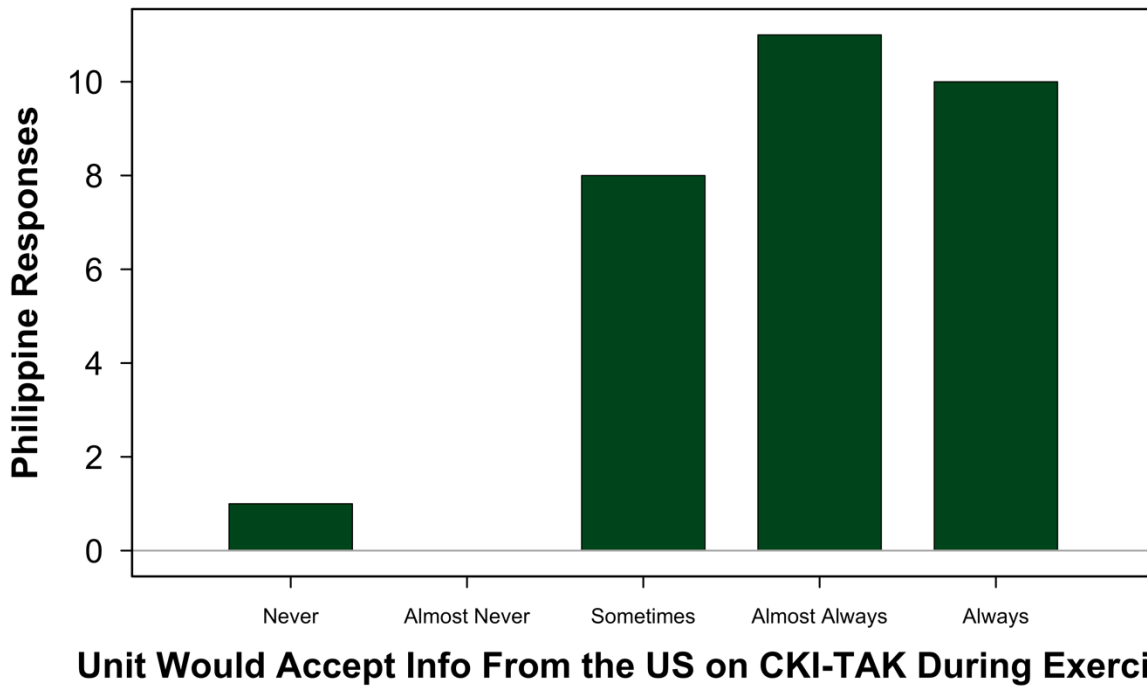
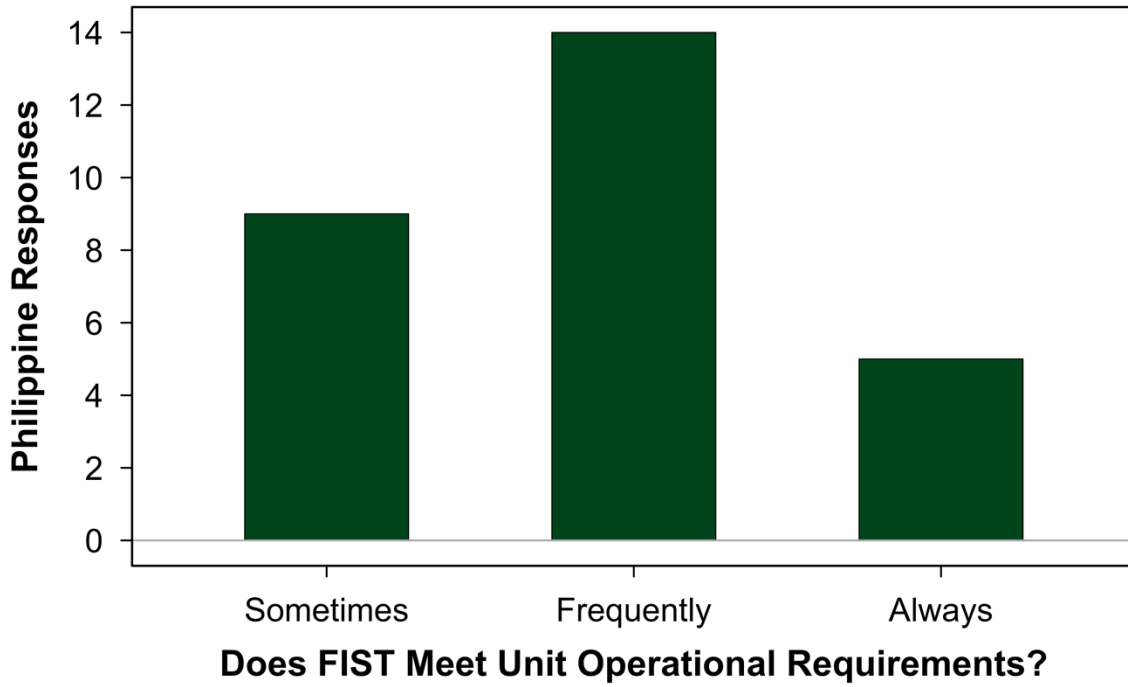
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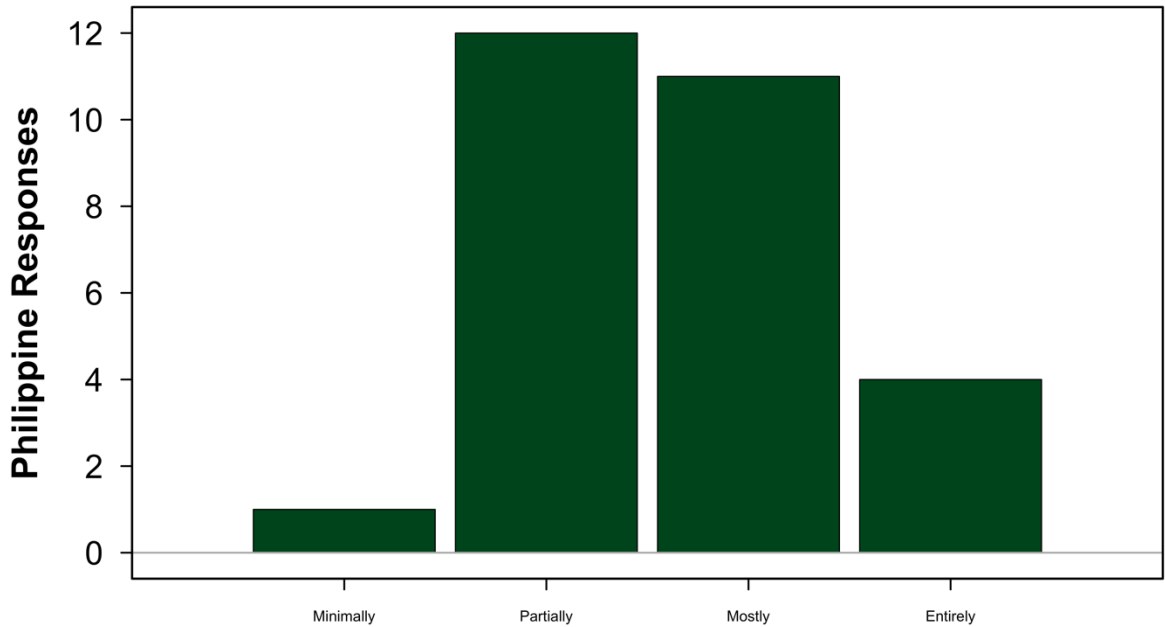


Does FIST Allow Units to Meet Timeline Requirements?

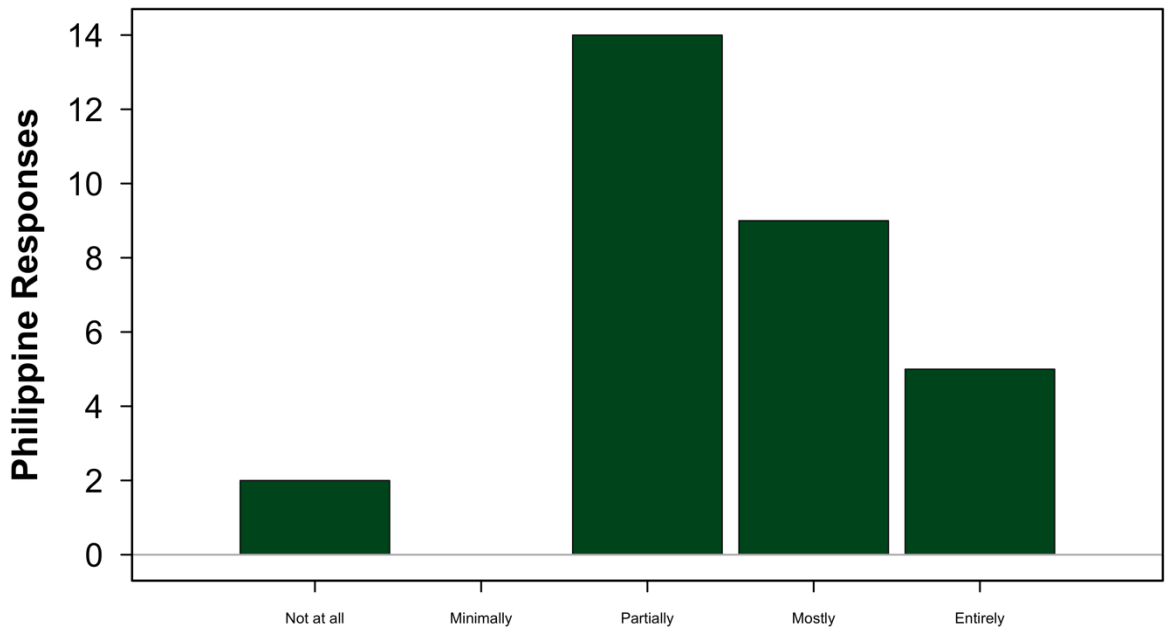




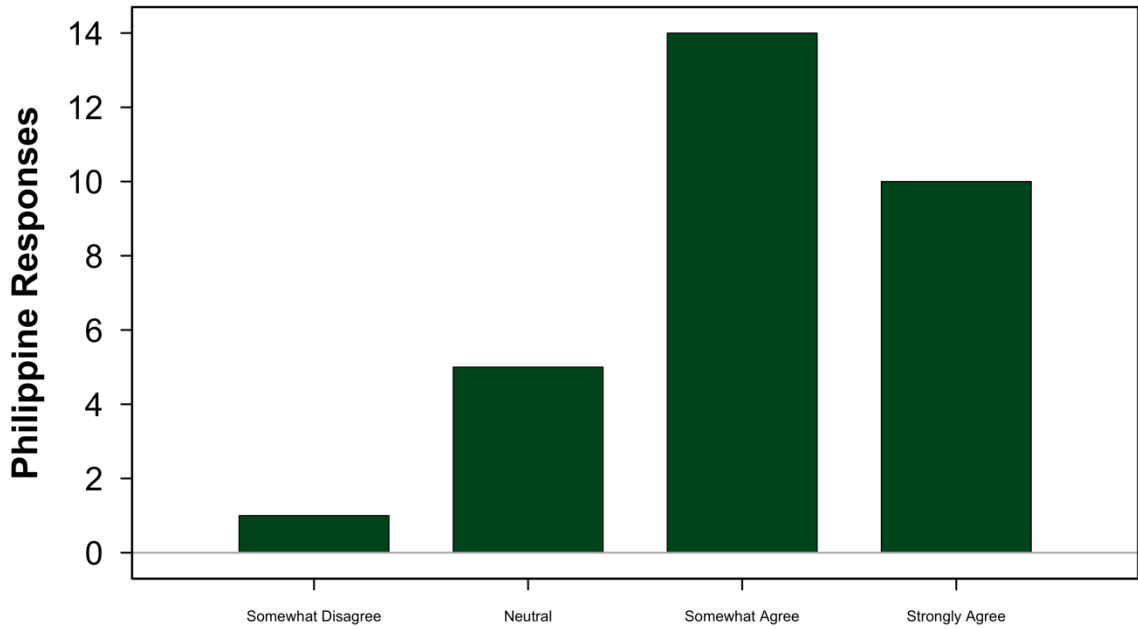




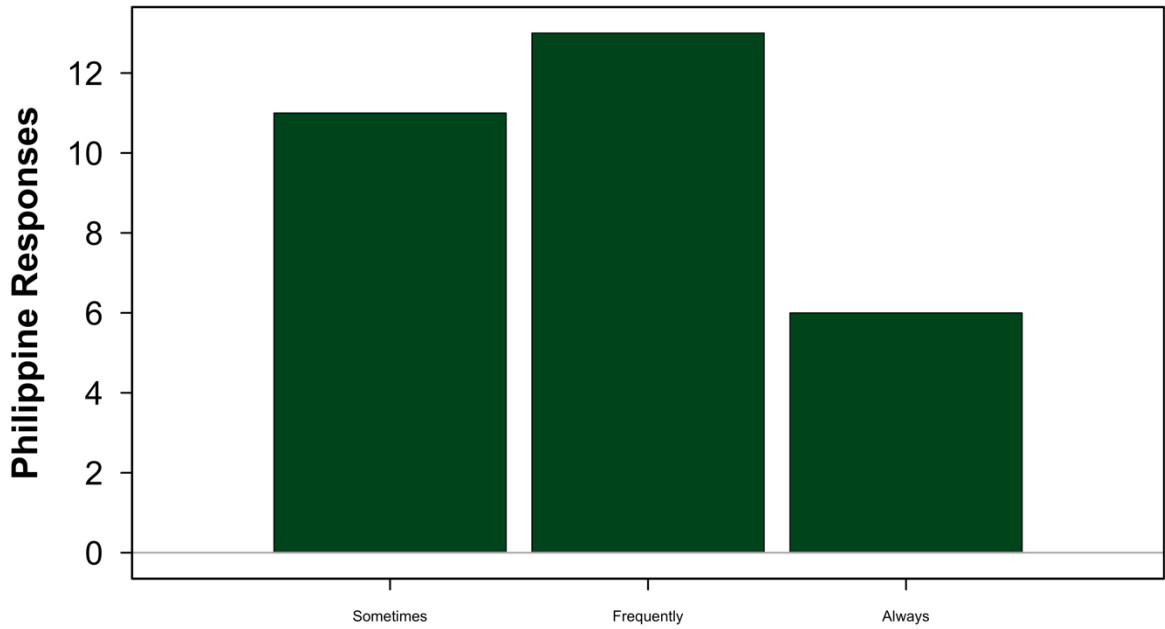
CKI-TAK Meets Unit Needs to Share Operational Info



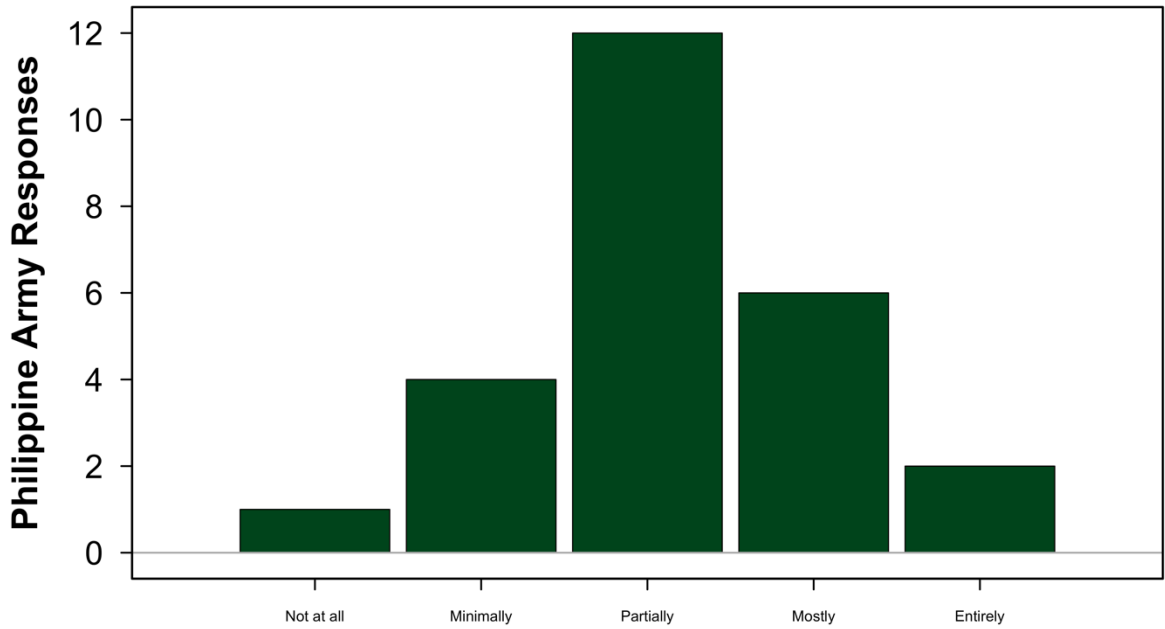
CKI-TAK Meets Requirements to Share Operational Info



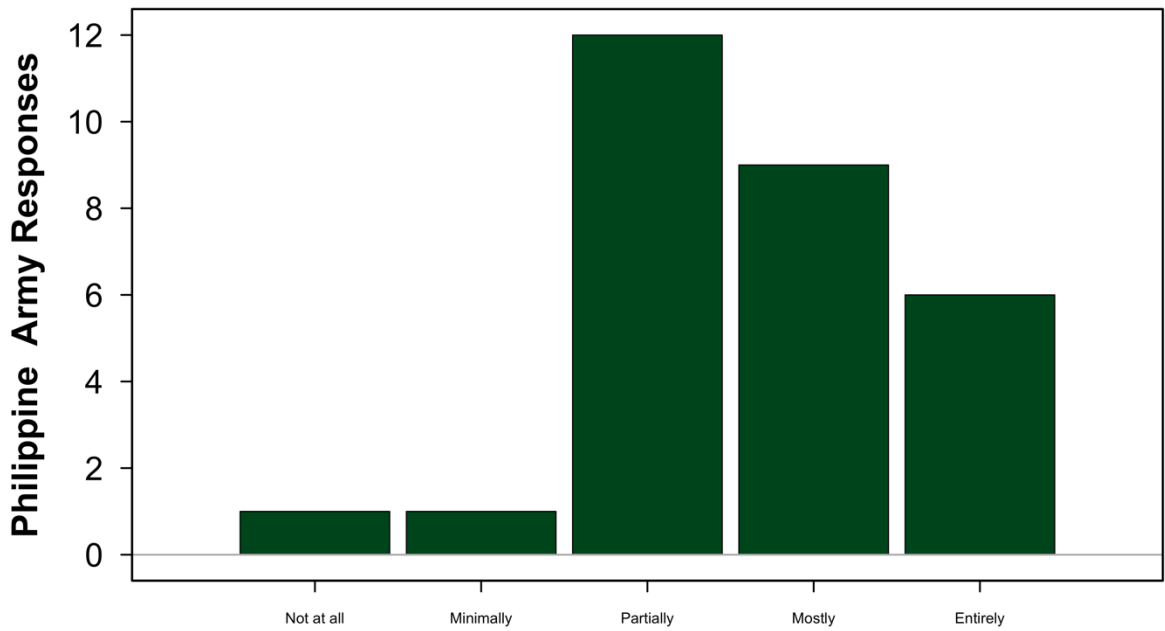
CKI-TAK Use Would Reduce Use of Unsecure Chat Platforms



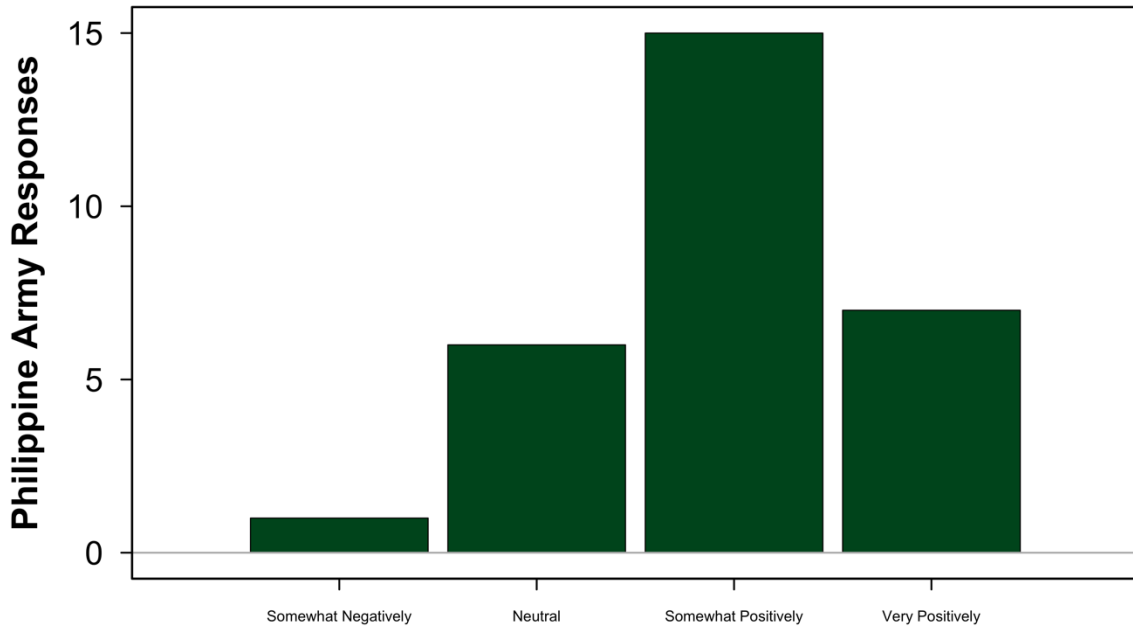
CKI-TAK type tools Increase Capacity to Share Operational Info



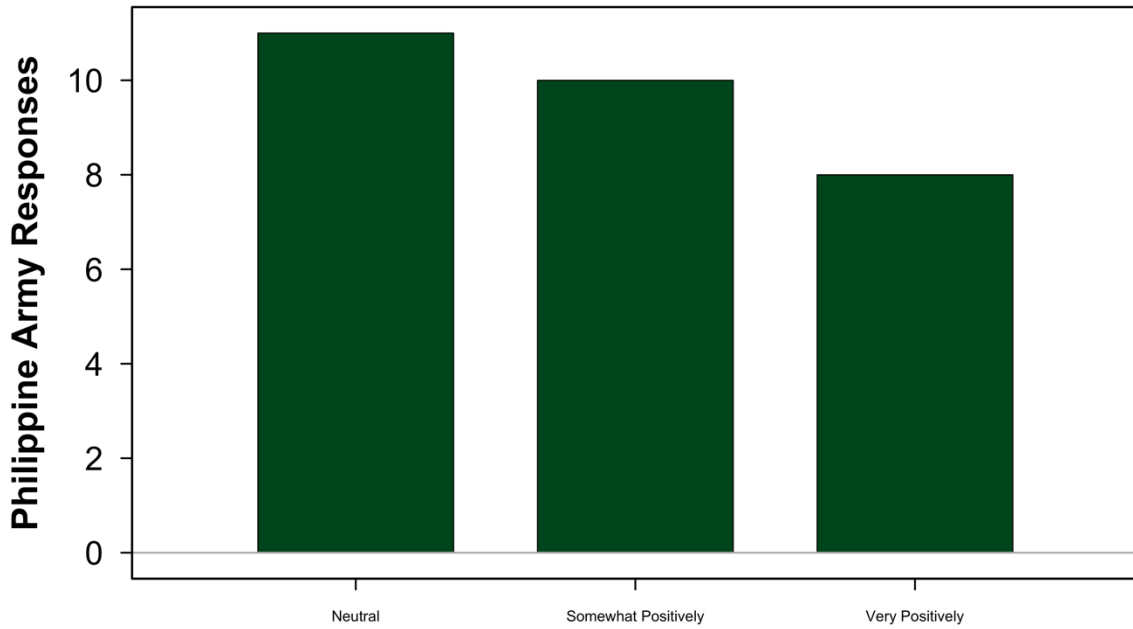
CKI-TAK Meets Future Needs for Data Sharing with Non-Gov Orgs



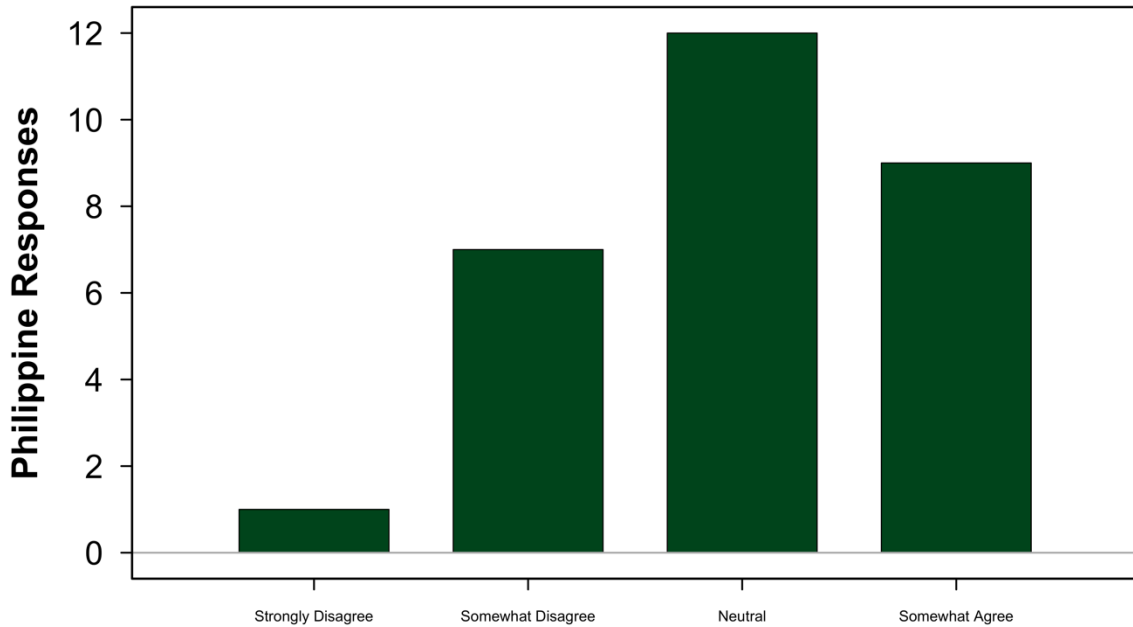
Does CKI-TAK Meet Future Needs for Unit Internal Data Sharing?



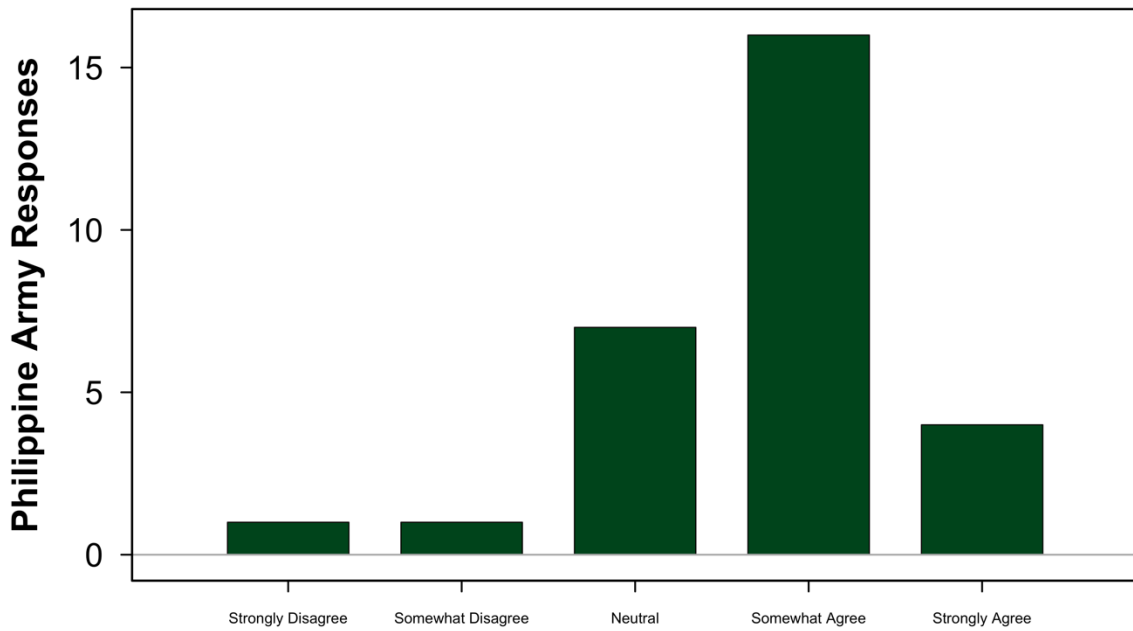
Does CKI-TAK Meet Unit Requirements for Medical Evacuation?



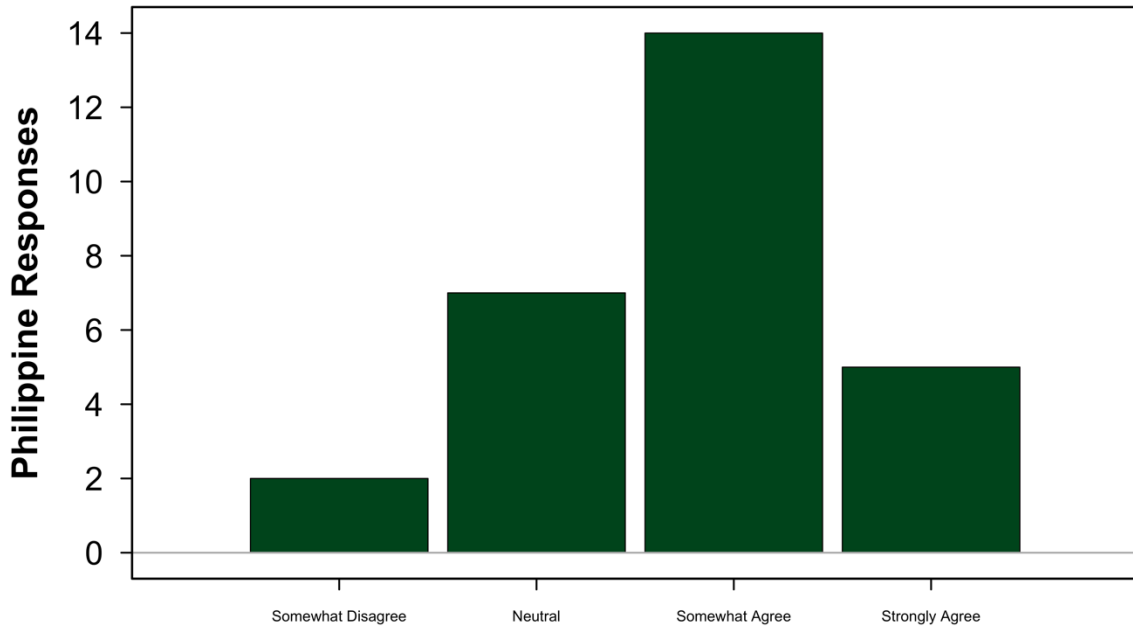
Does CKI-TAK Meet Unit Requirements for Situational Awareness?



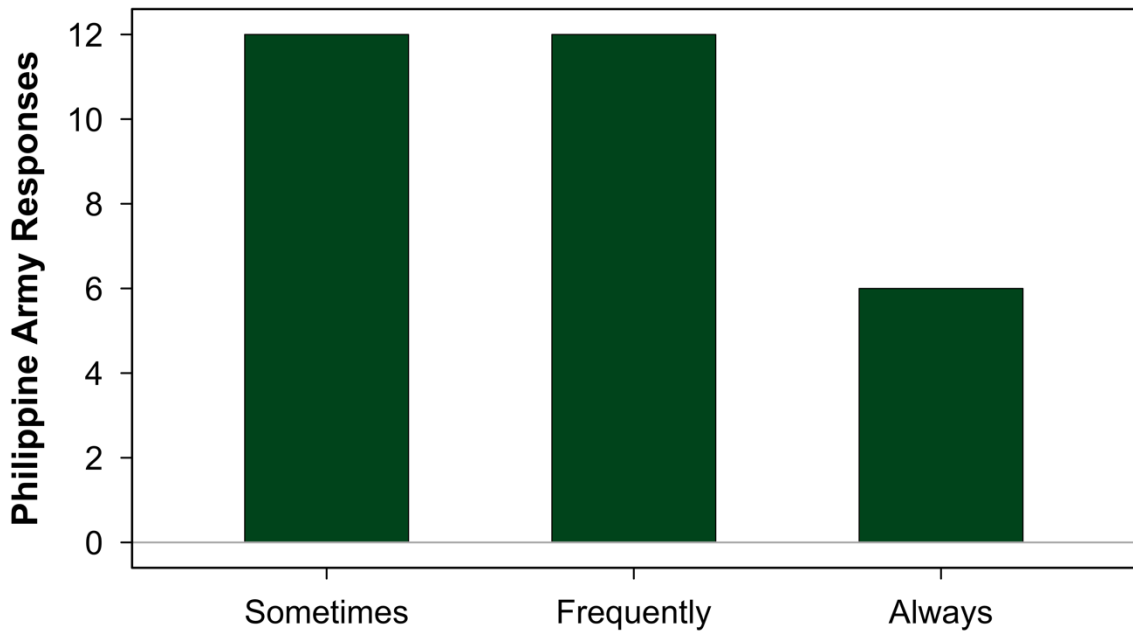
Does CKI-TAK have appropriate format for units requirements?



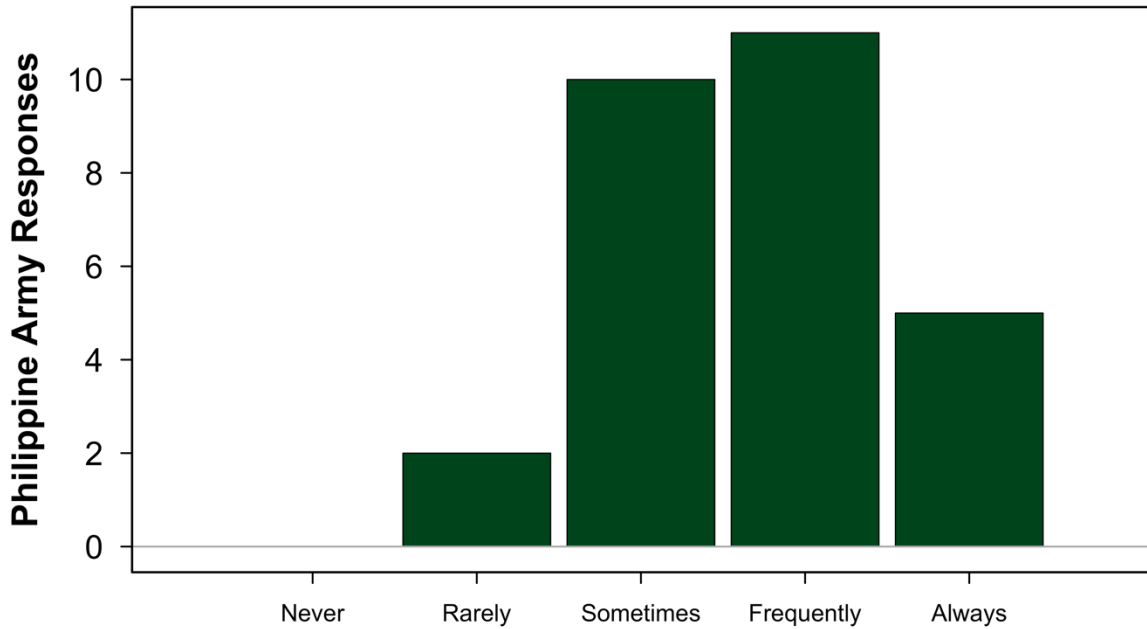
Does CKI-TAK have appropriate language for units requirements?



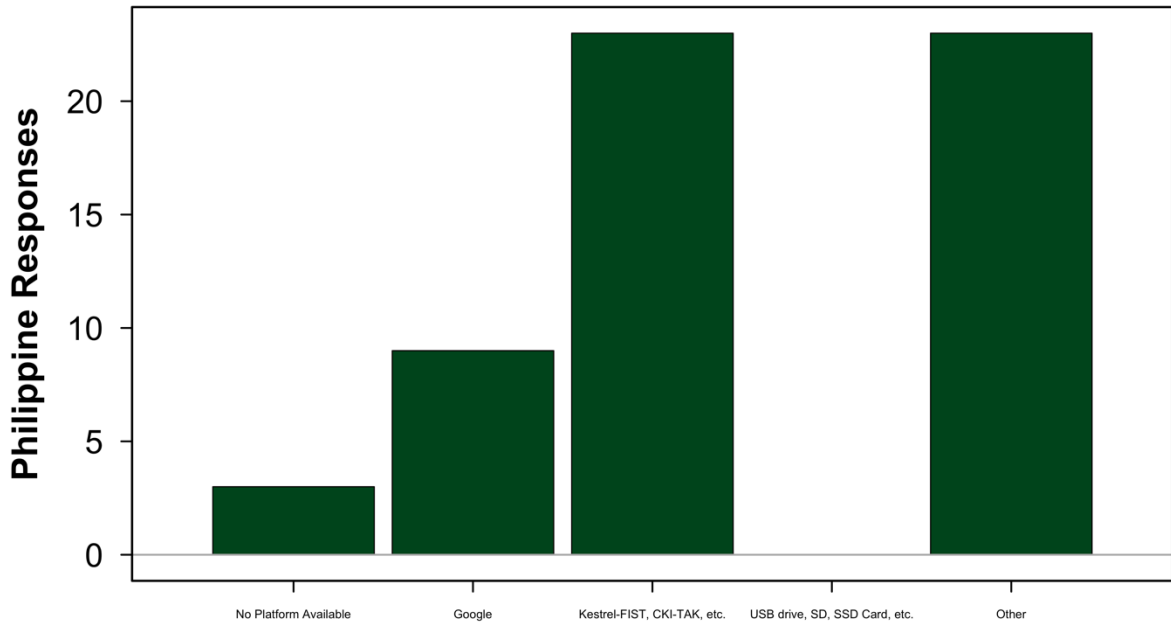
Does CKI-TAK Allow Units to meet Timeline Requirements?



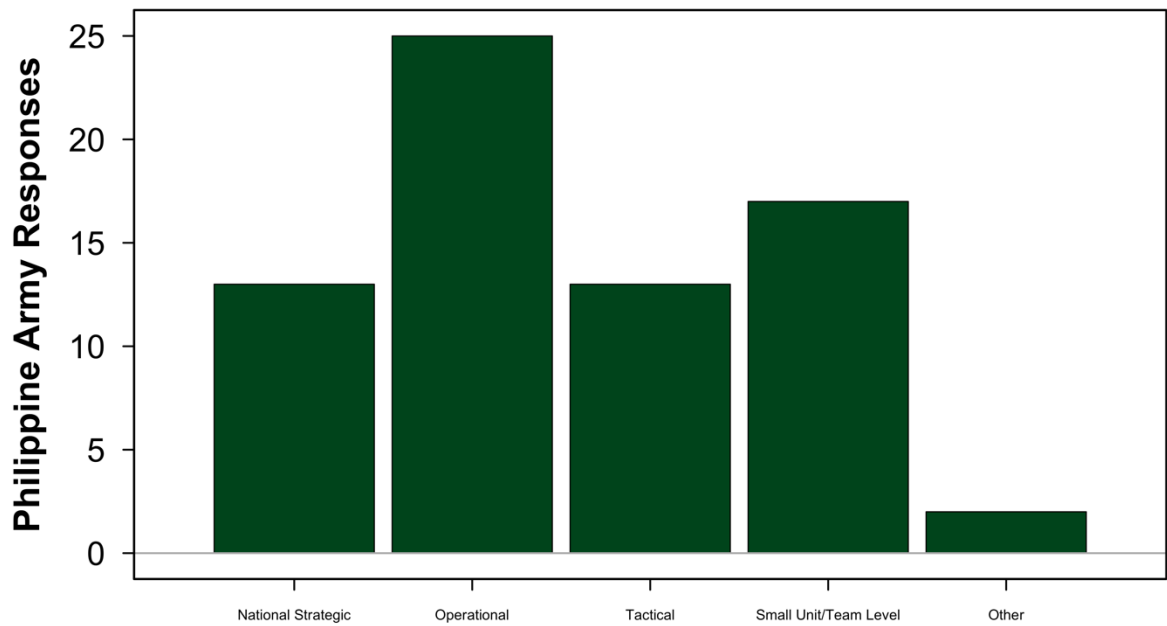
Do Unit Terrain Conditions impact CKI-TAK Connectivity?



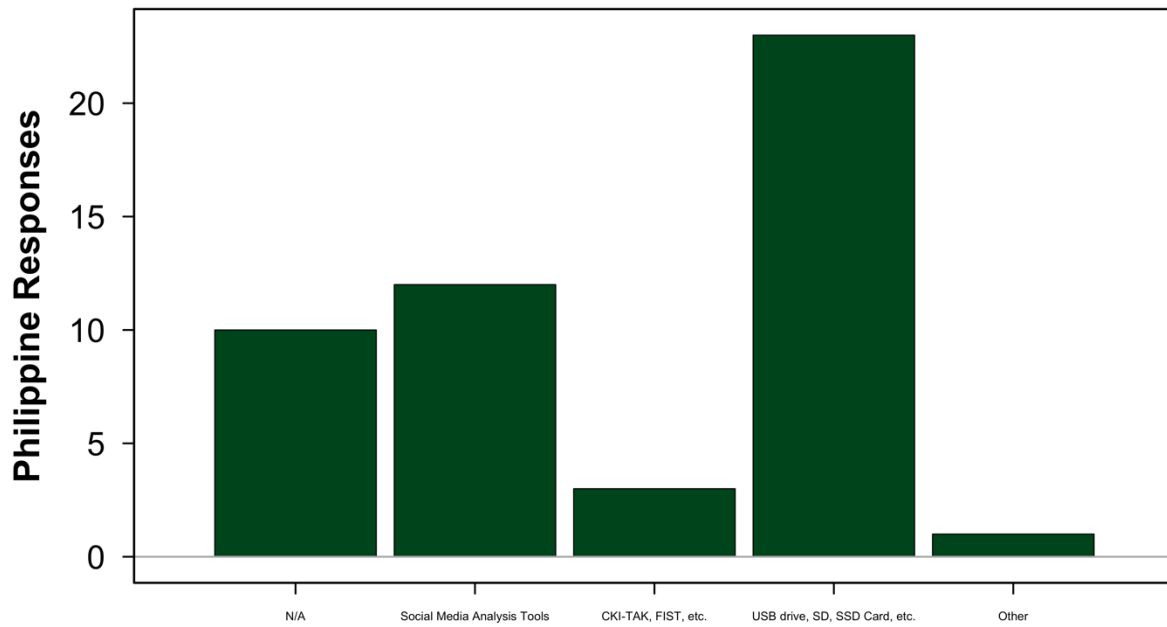
Does CKI-TAK Meet Operational Requirements of Your Unit?



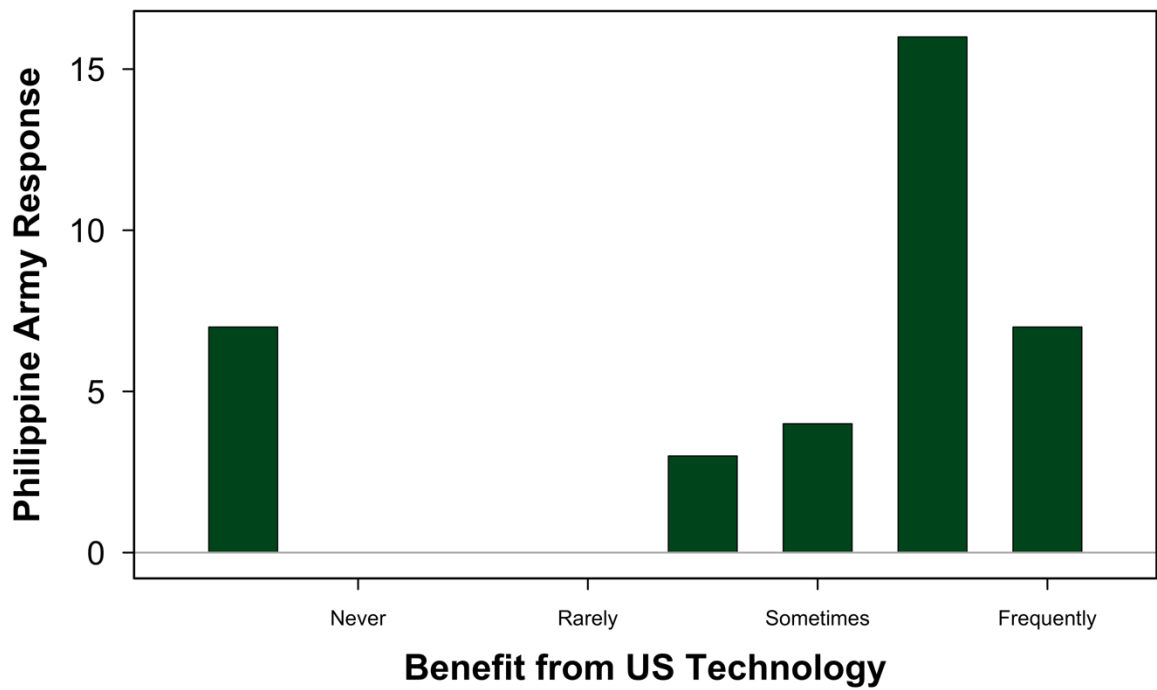
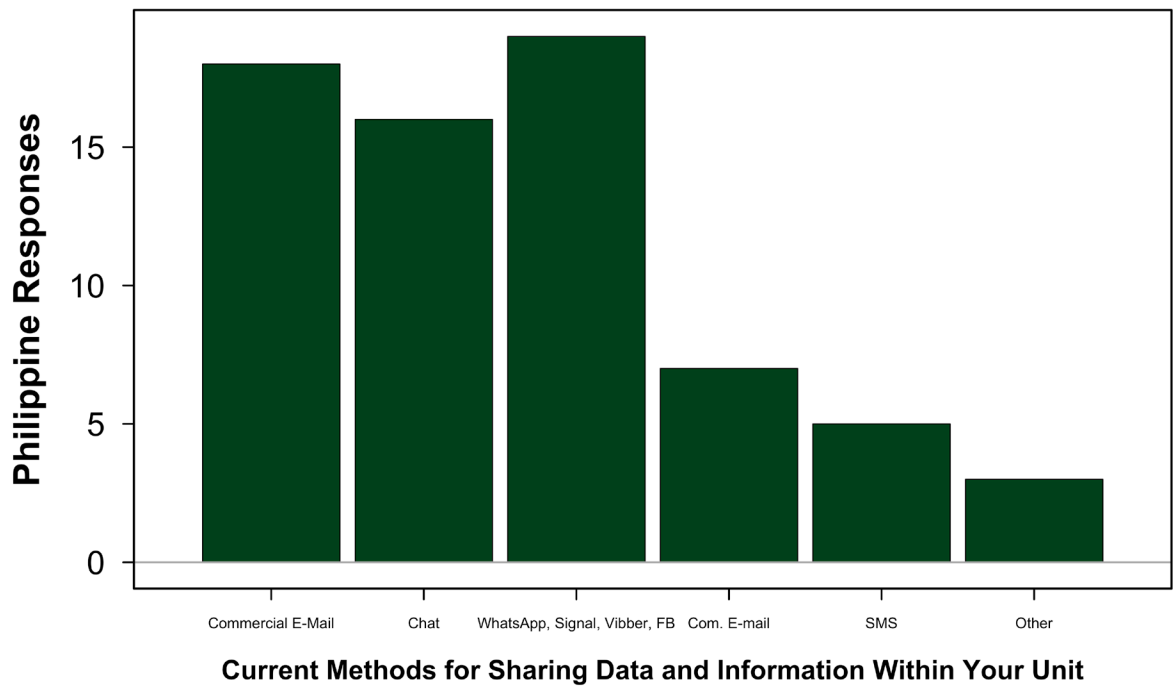
Digital tools used to understand the operating environment

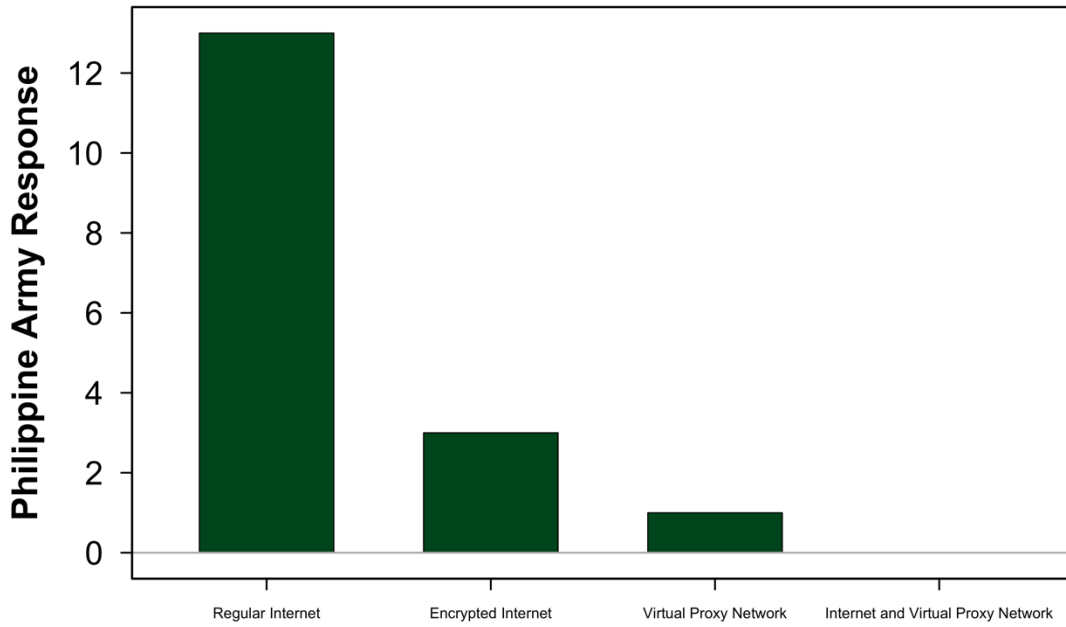


Digital Tools in use at Echelon

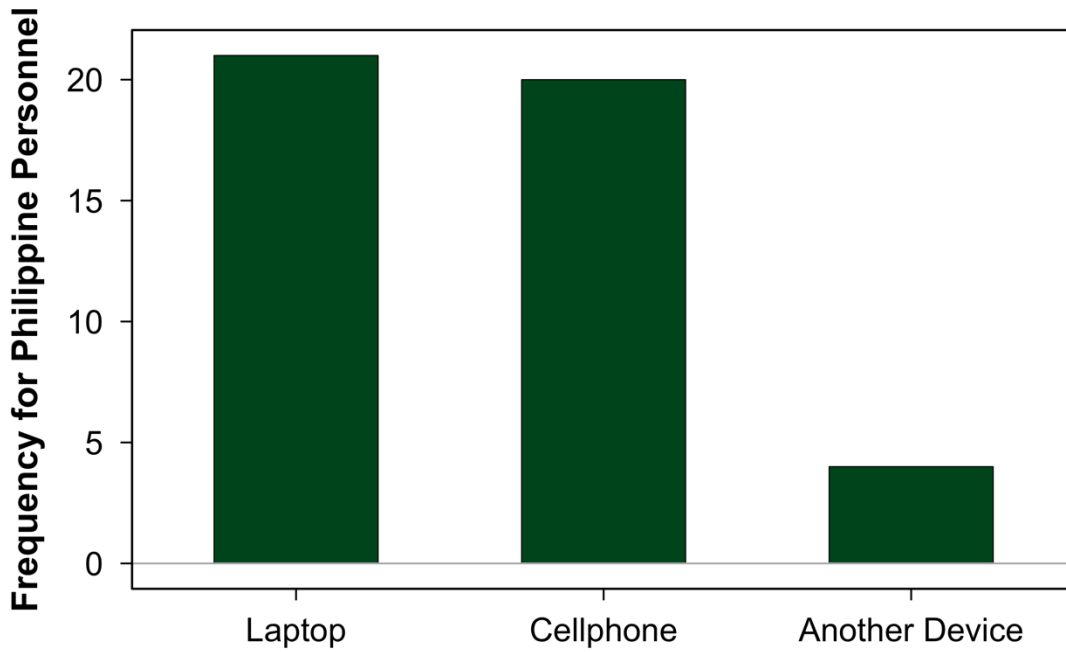


Digital Tools Used to Understand the Information Environment

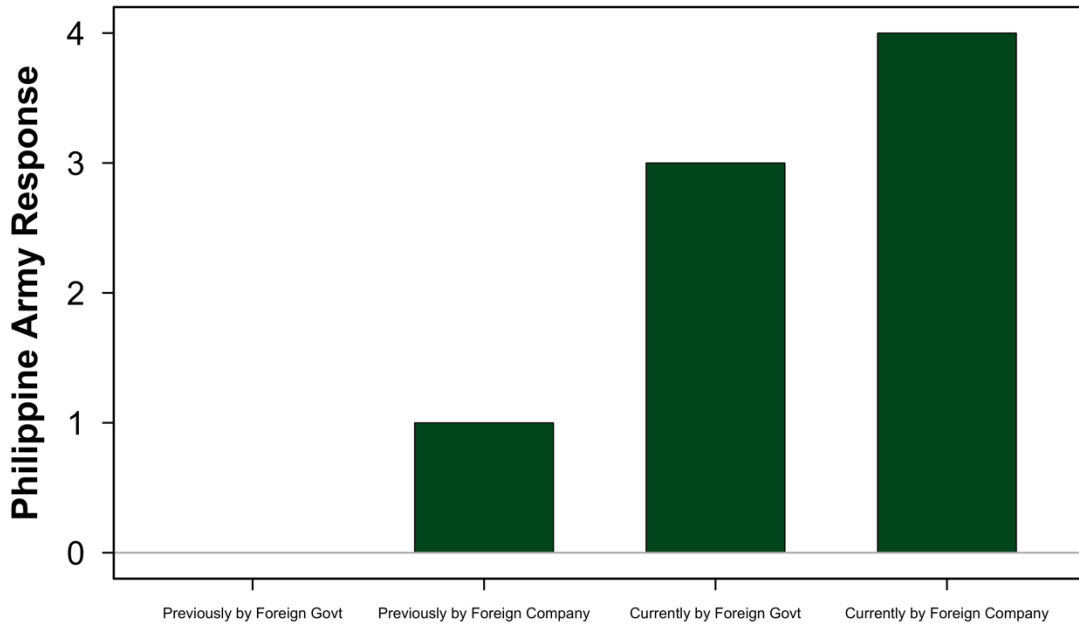




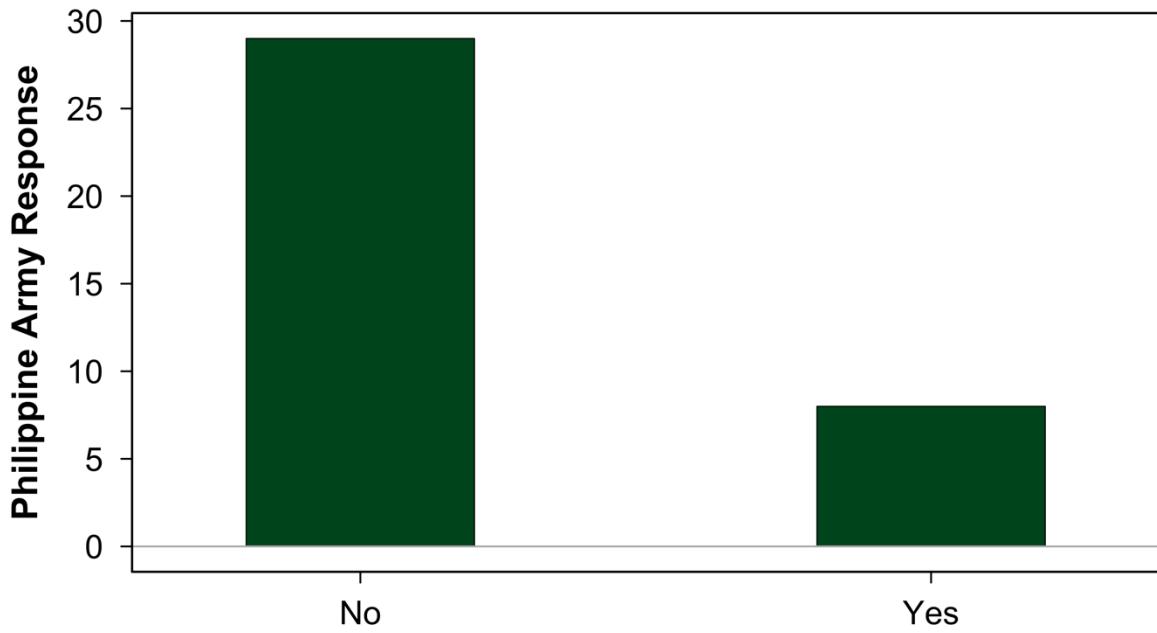
Types of Internet Security Provided from MOD



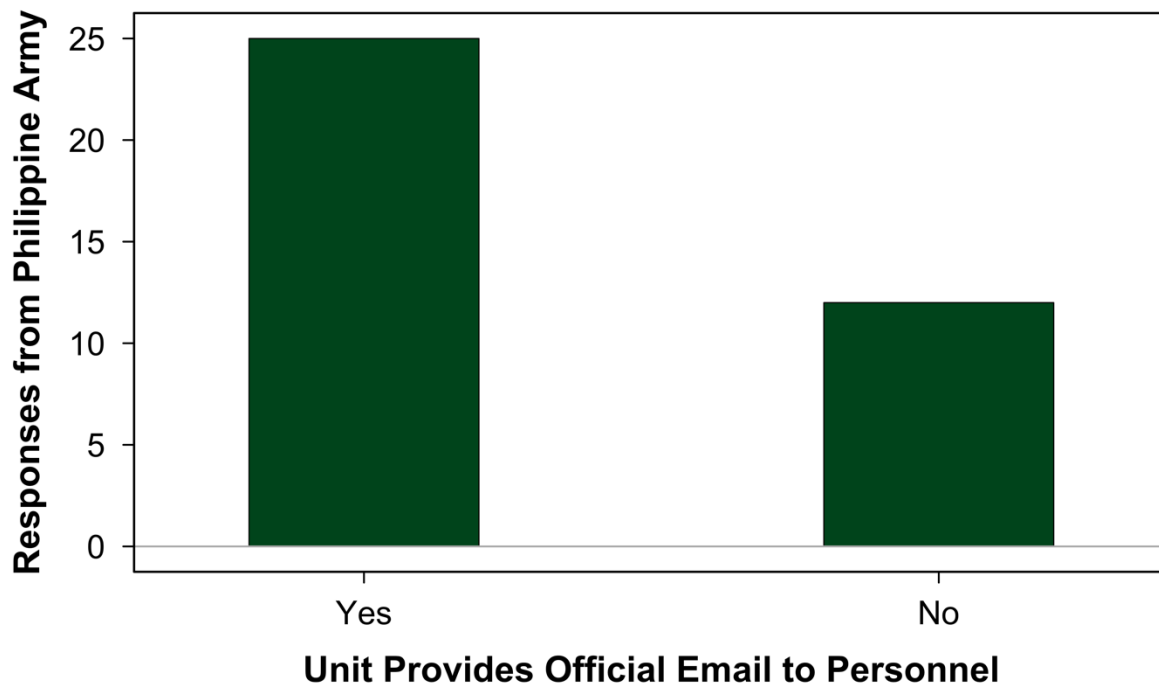
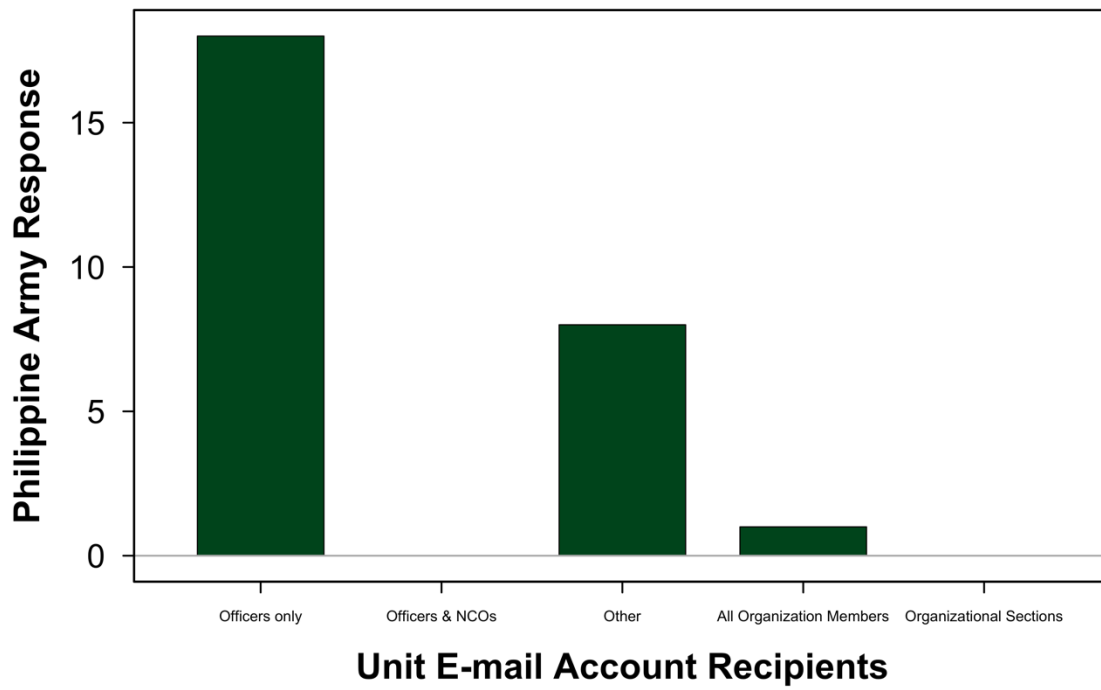
Types of Devices Provided from MOD

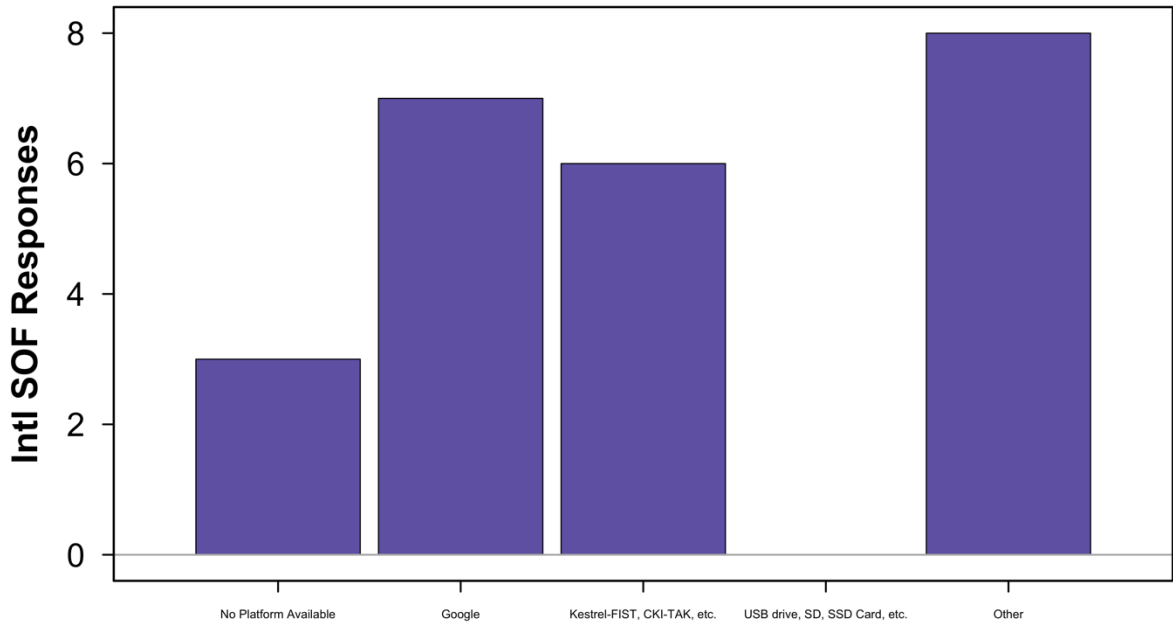


Digital Tools Providers From Foreign Entity

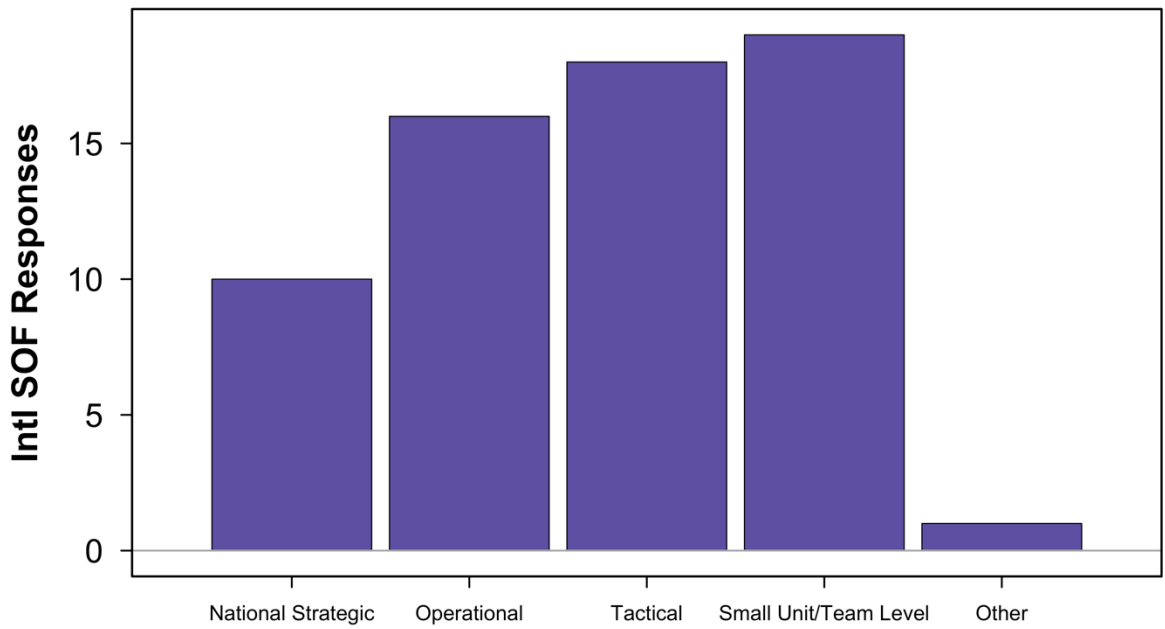


Digital tools Provided to Unit by a Foreign Entity

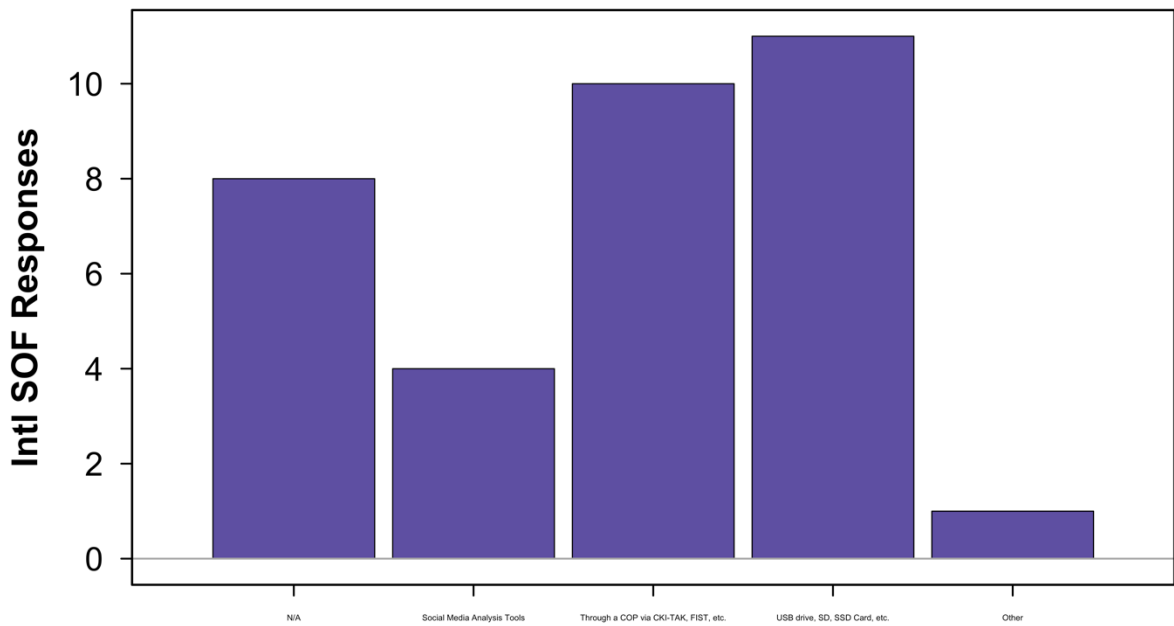




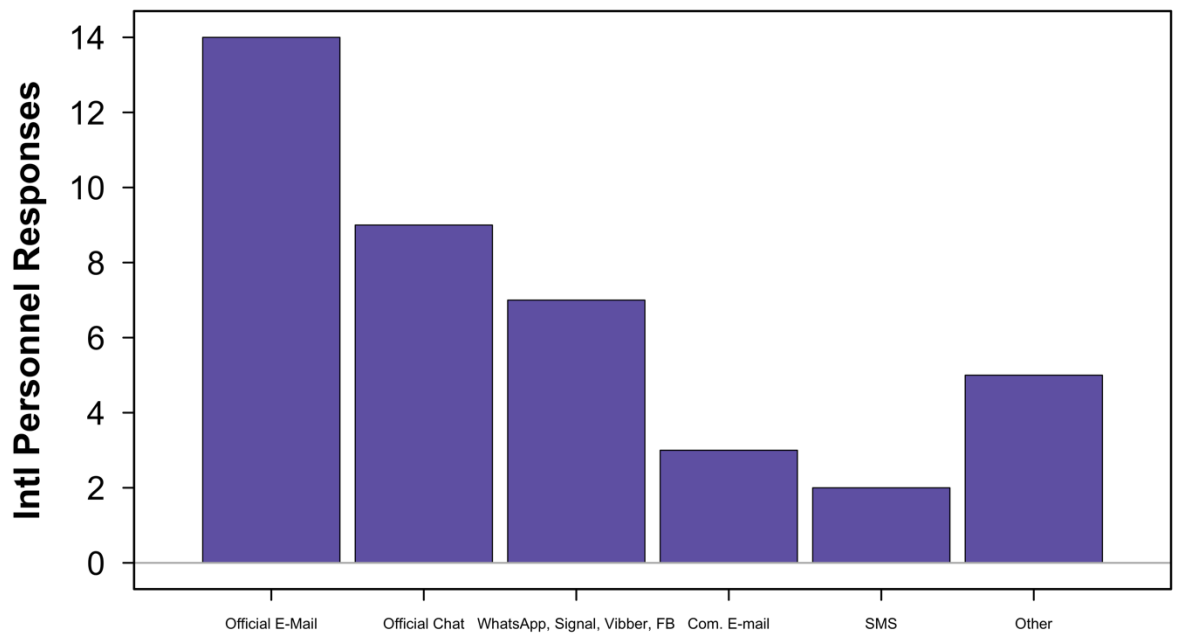
Digital tools used to understand the operating environment



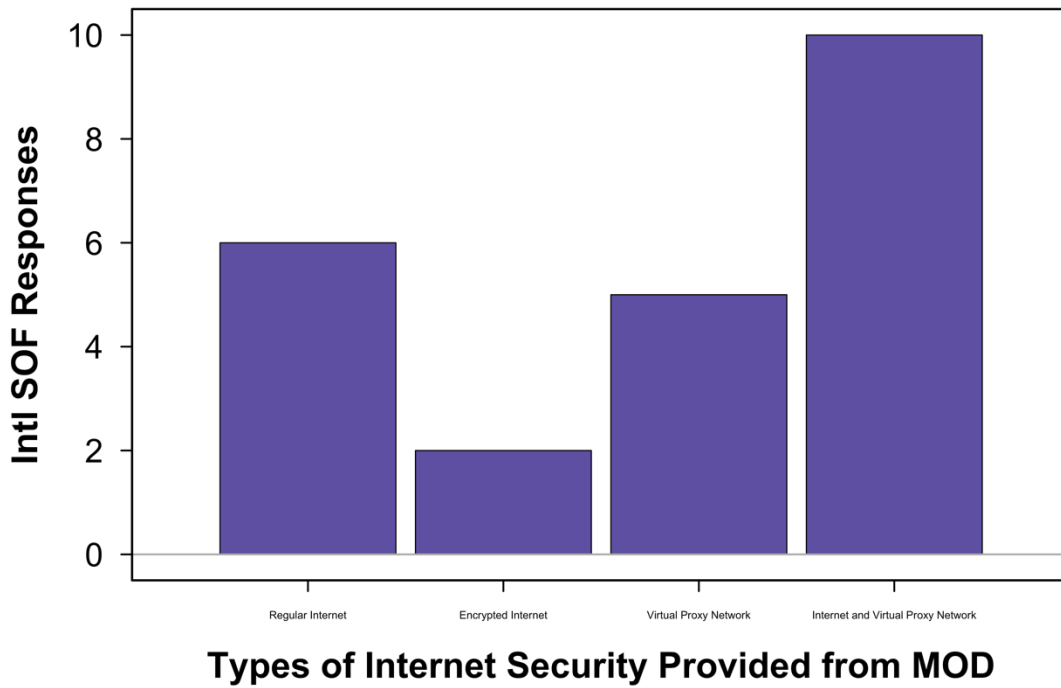
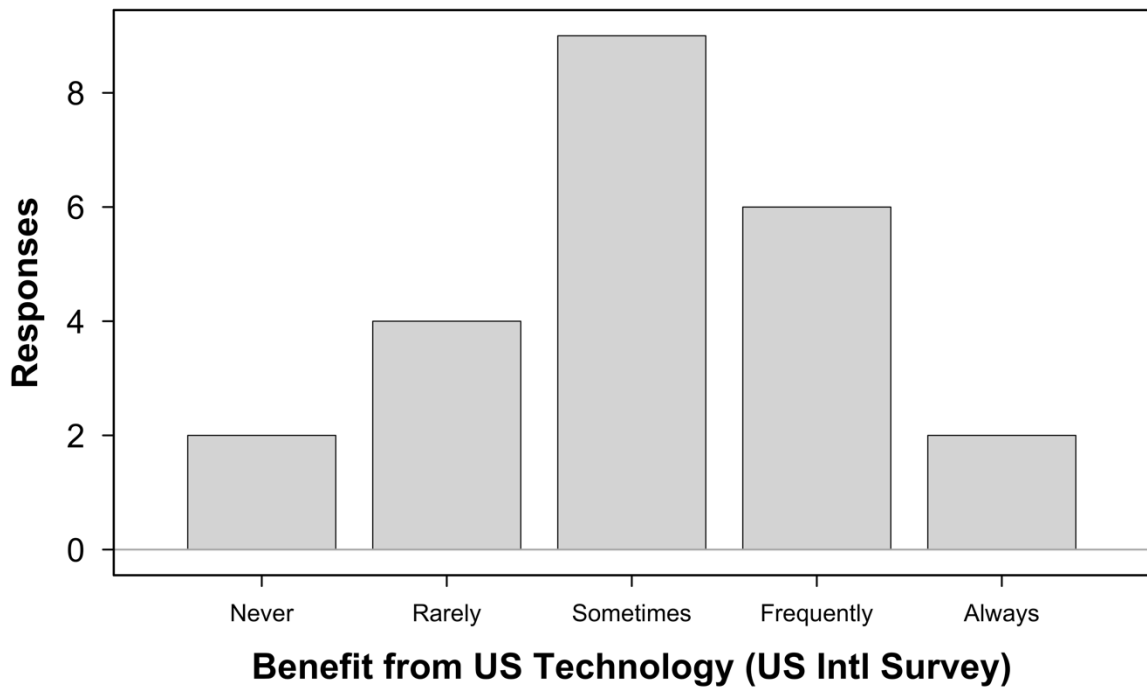
Digital Tools in use at Echelon by Intl Units

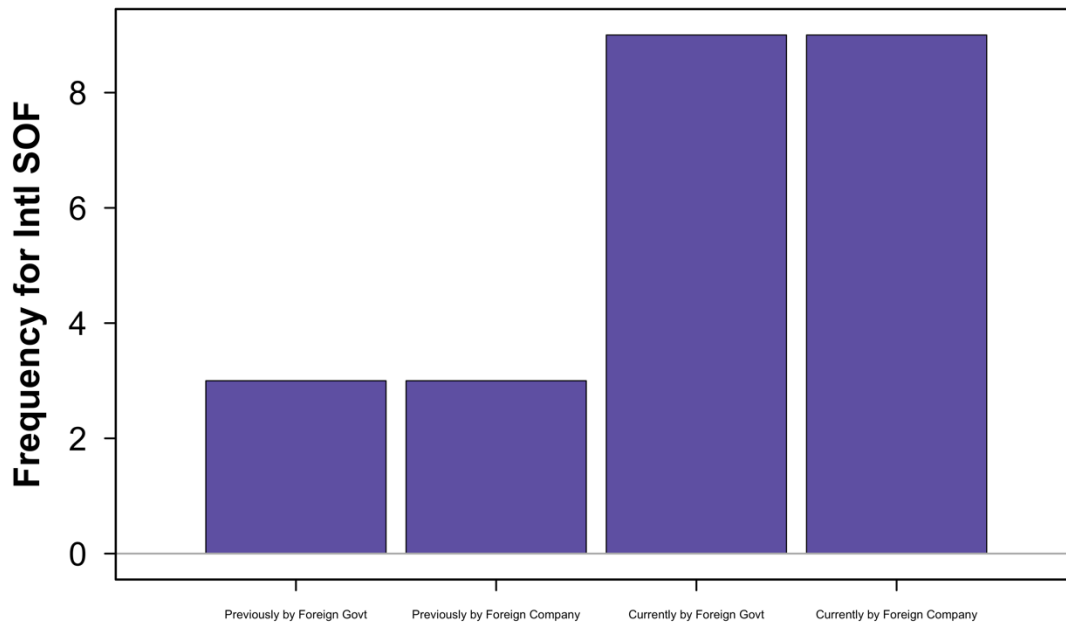
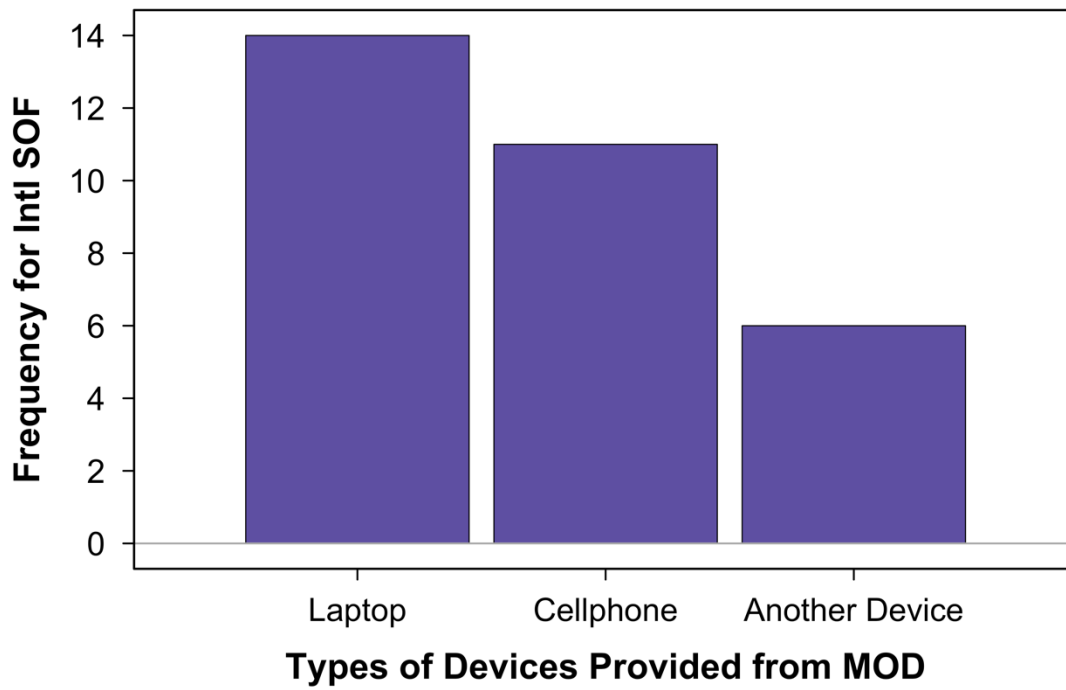


Digital Tools Used to Understand the Information Environment

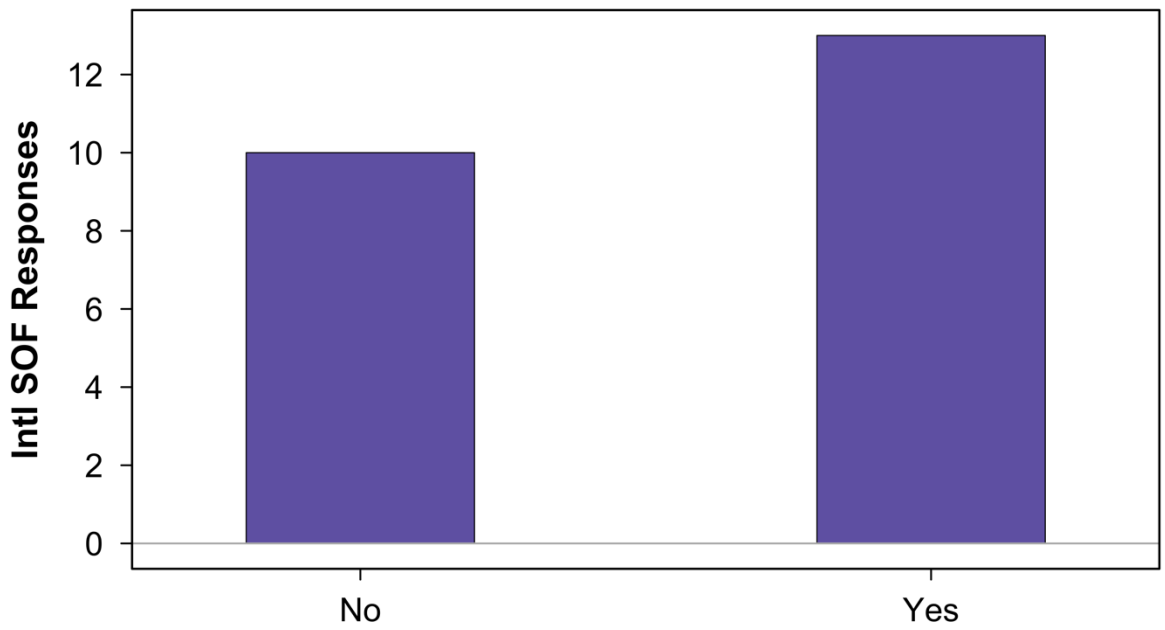


Current Methods for Sharing Data and Information Within Your Unit

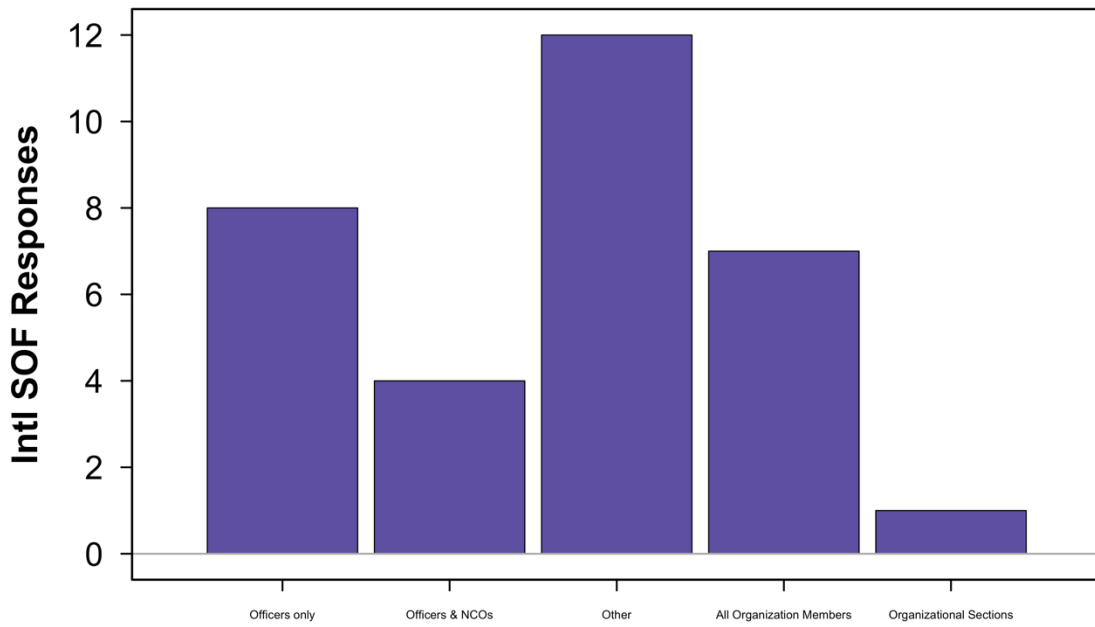




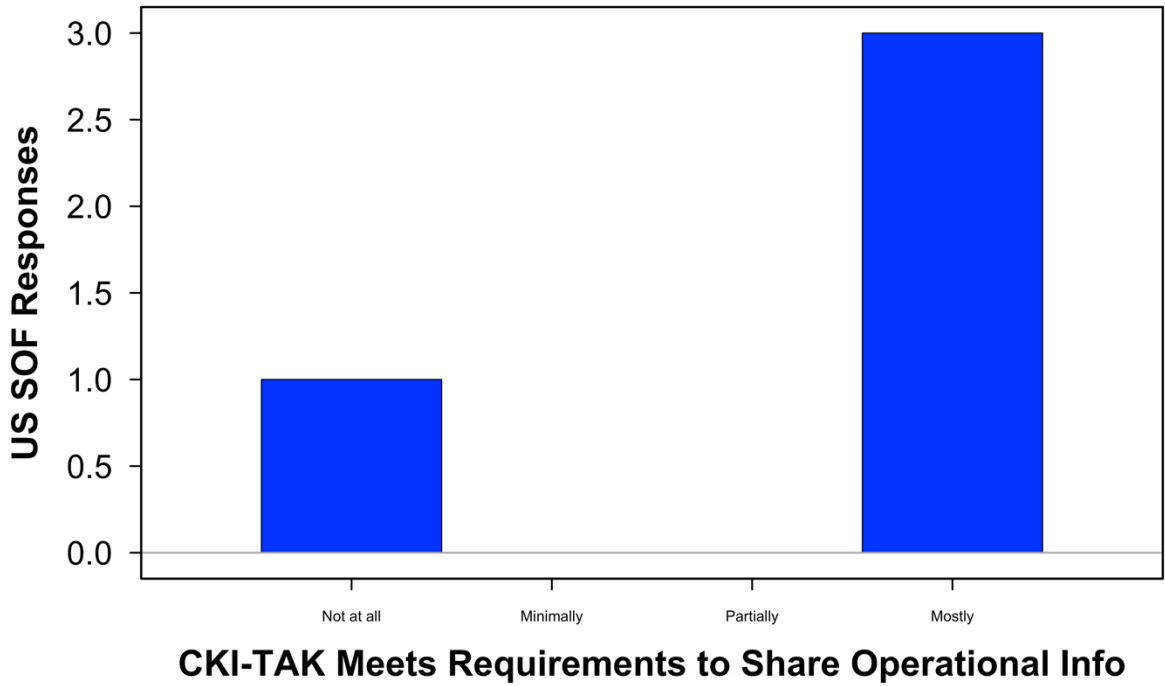
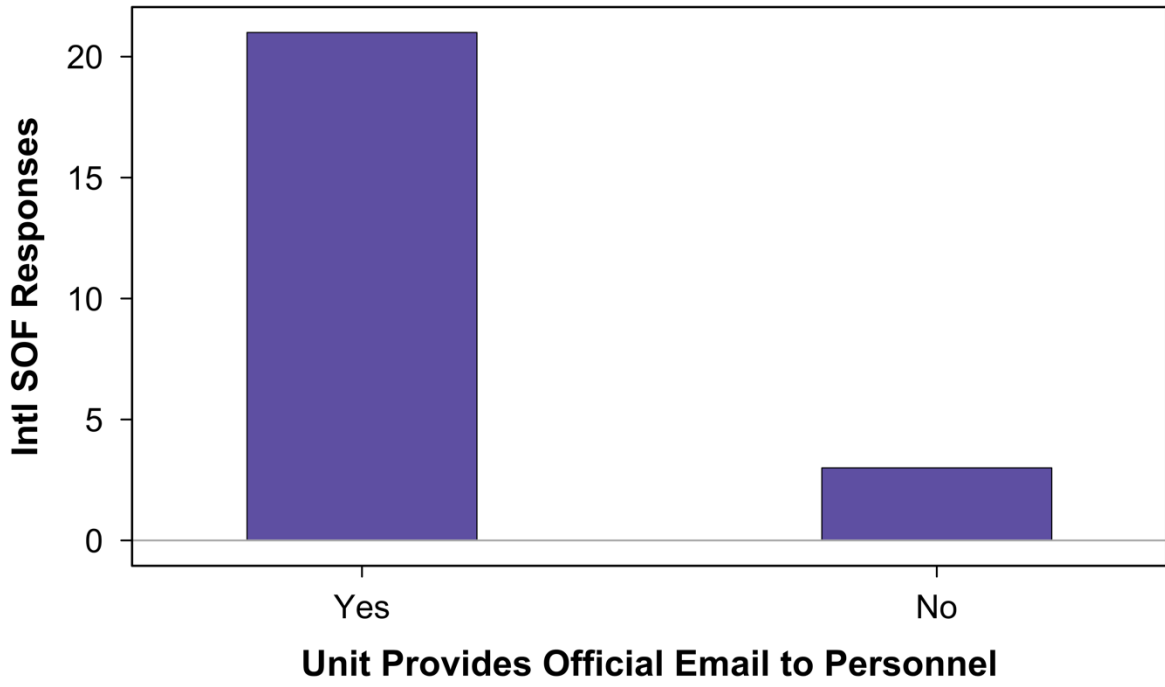
Organizations in Receipt of Digital Tools From Foreign Entity

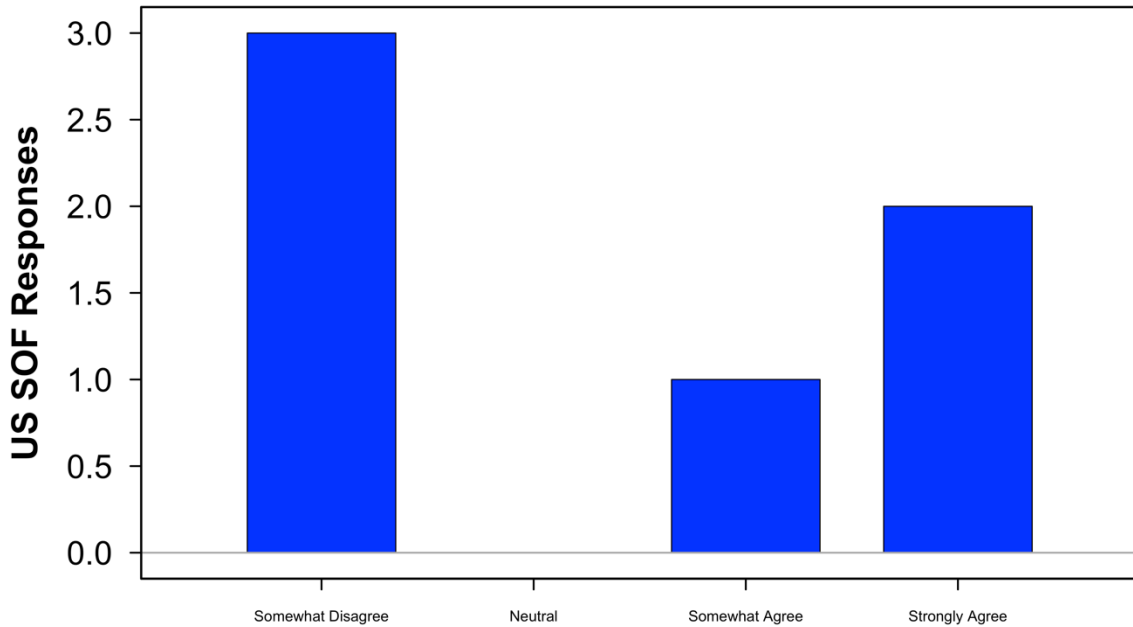


Digital tools provided by Foreign Entity to Intl Forces

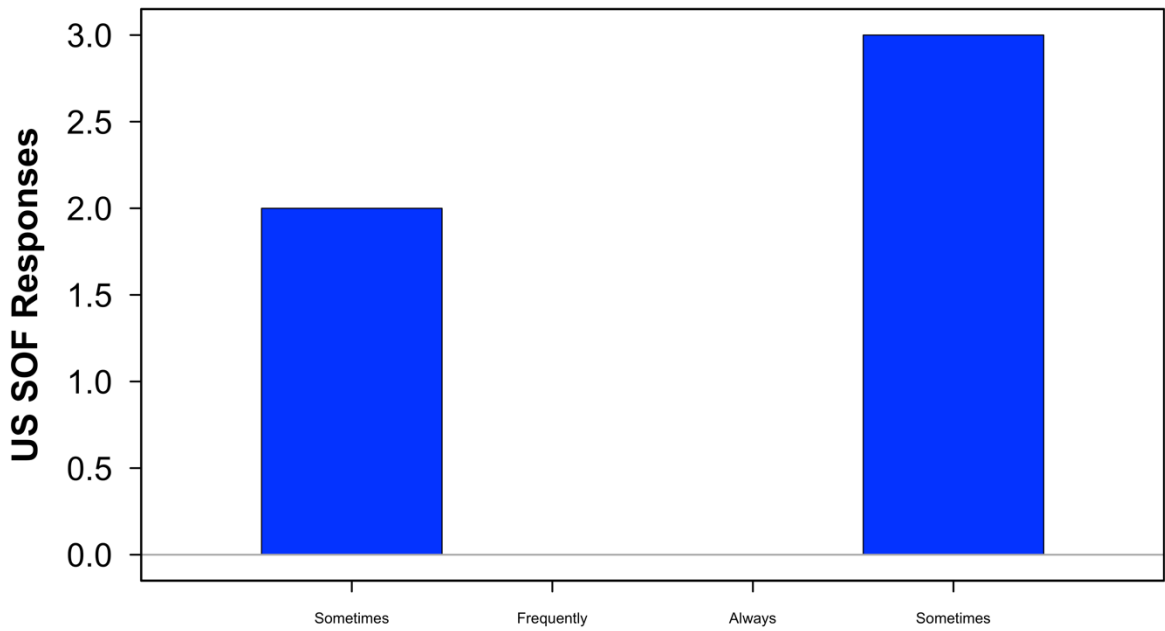


Unit E-mail Account Recipients

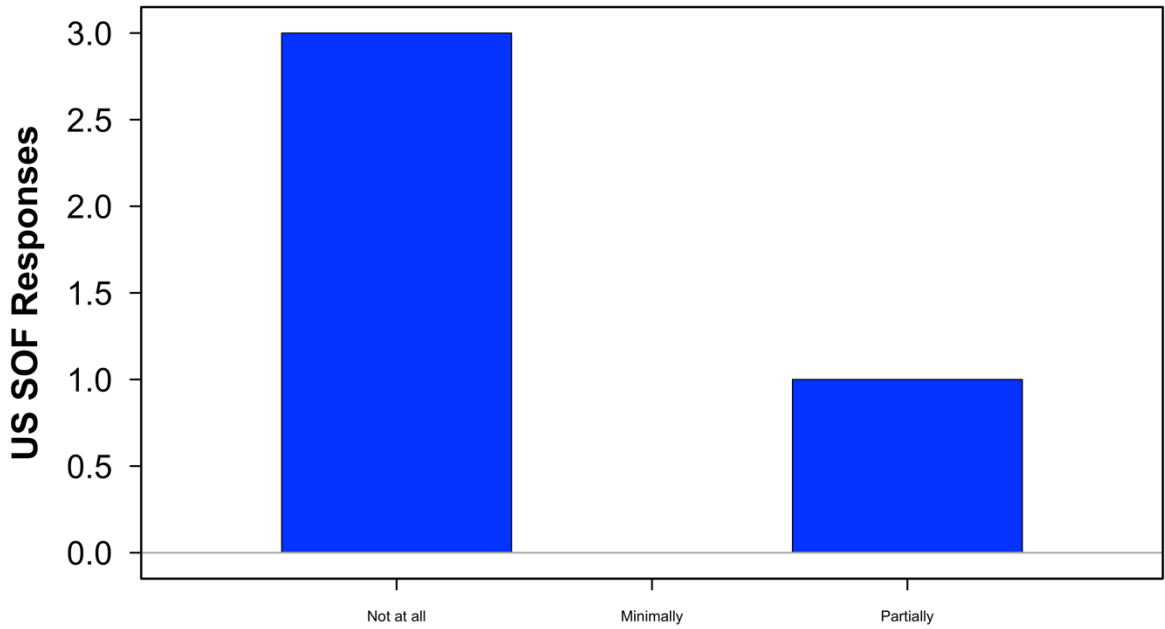




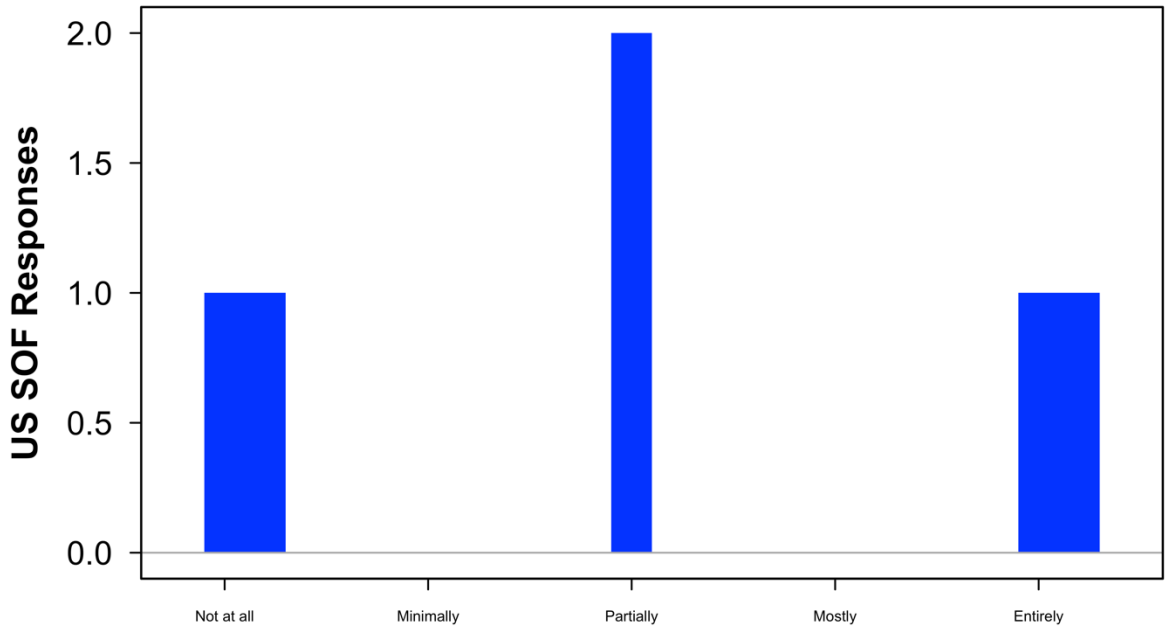
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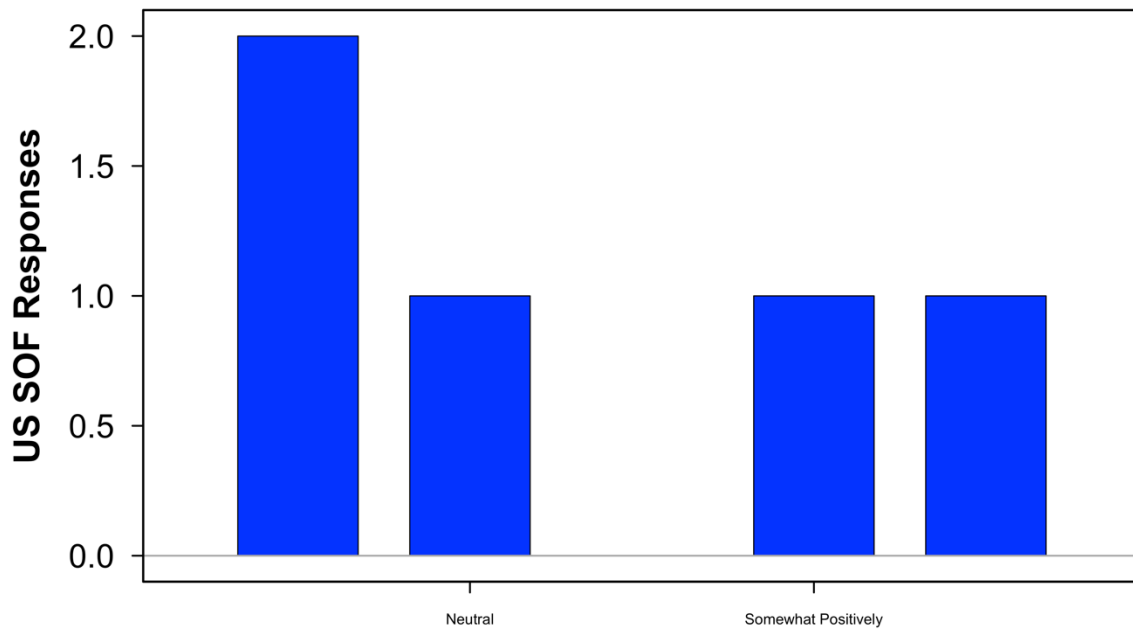
CKI-TAK type tools Increase Capacity to Share Operational Info



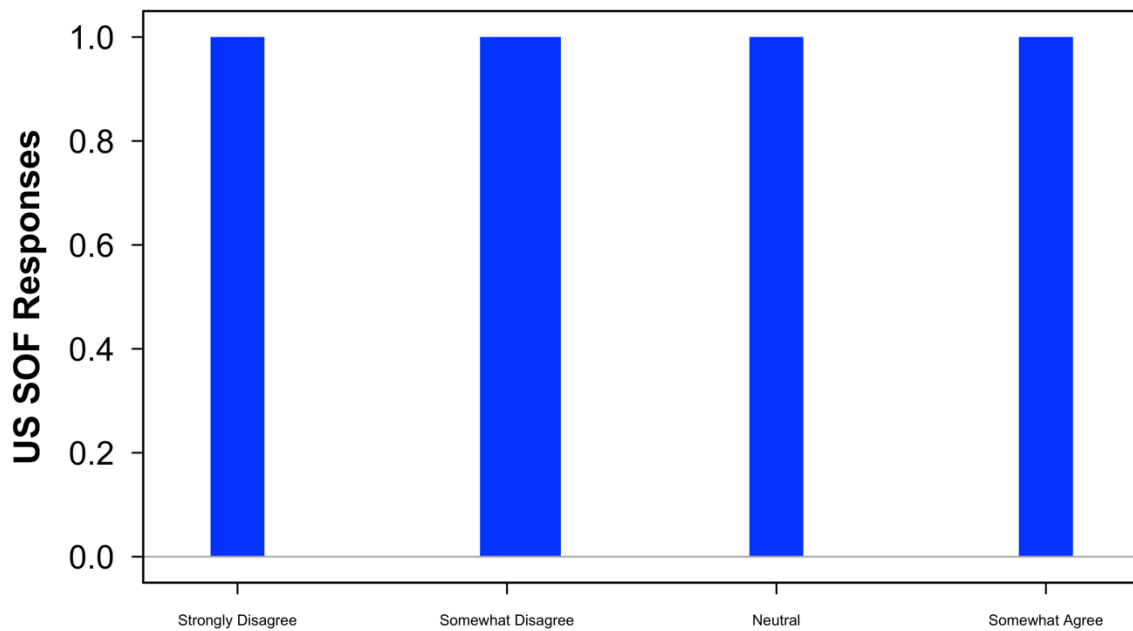
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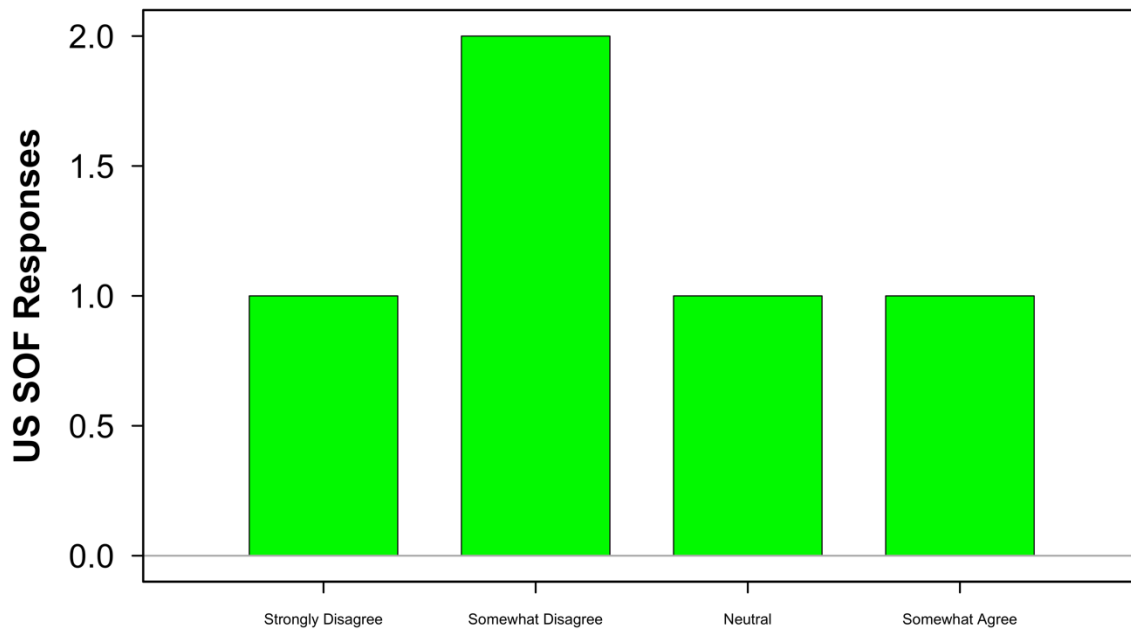
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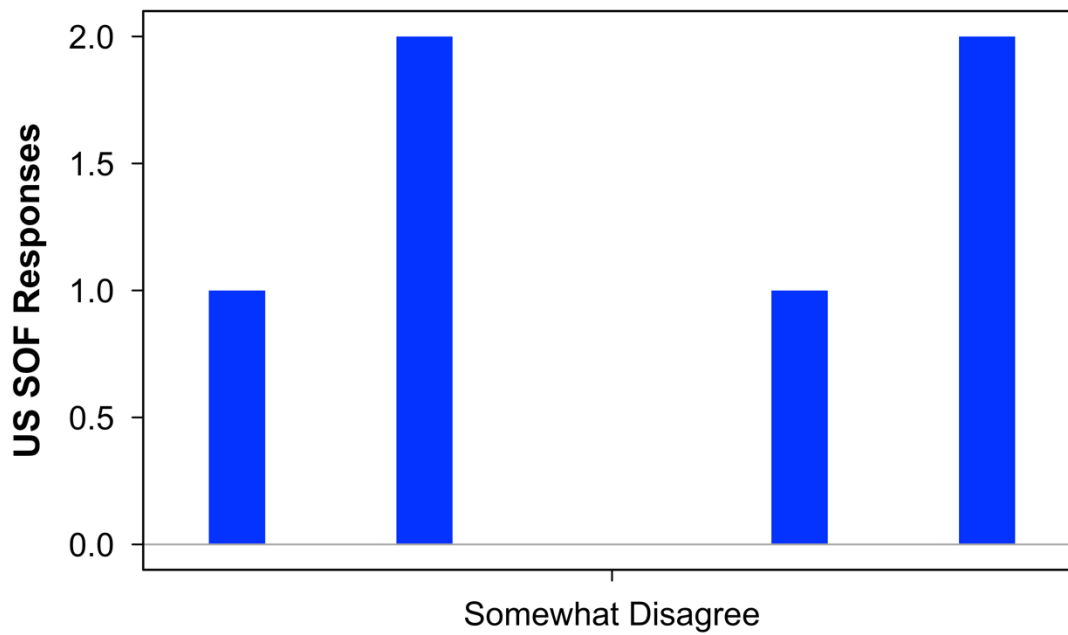
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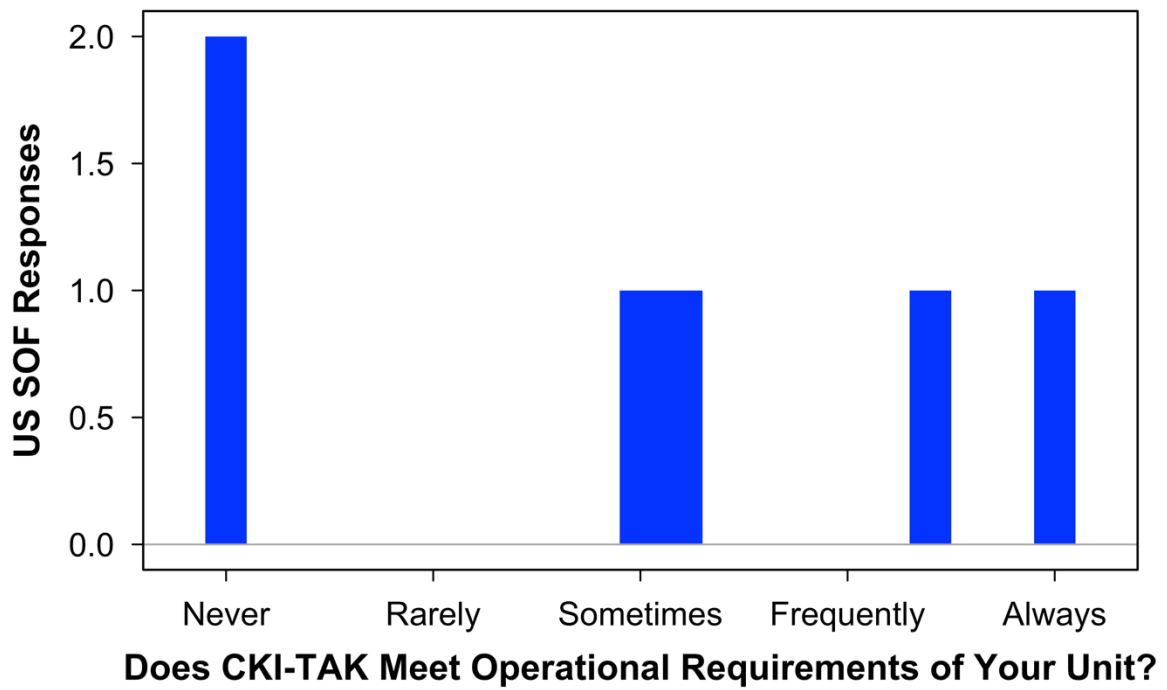
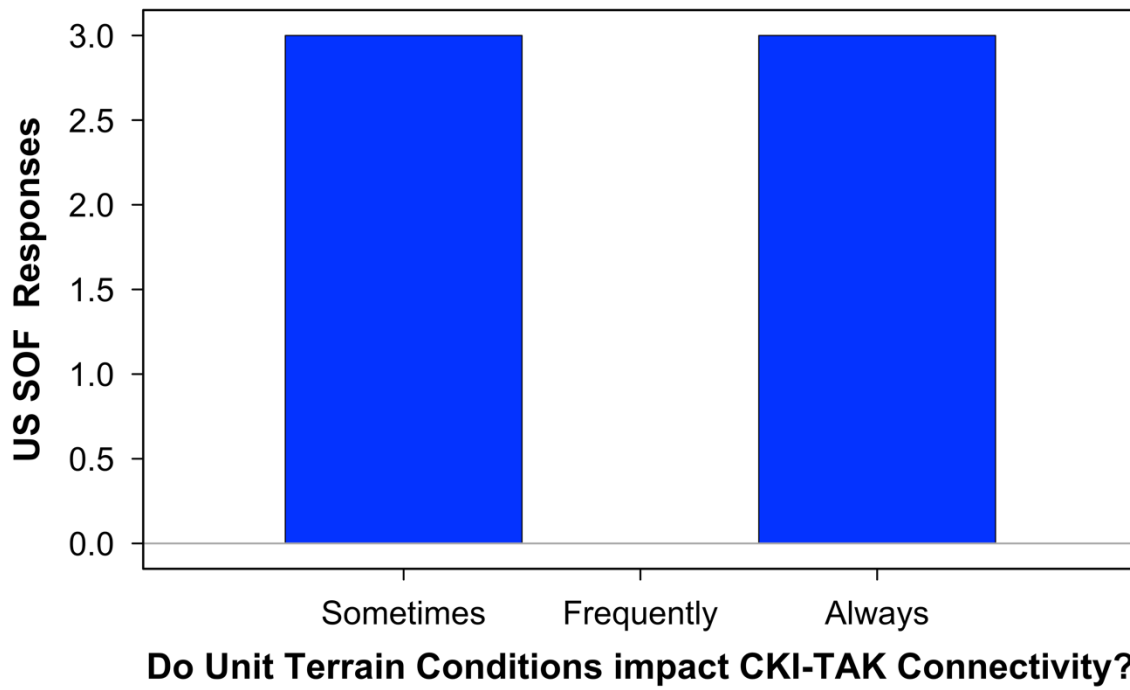
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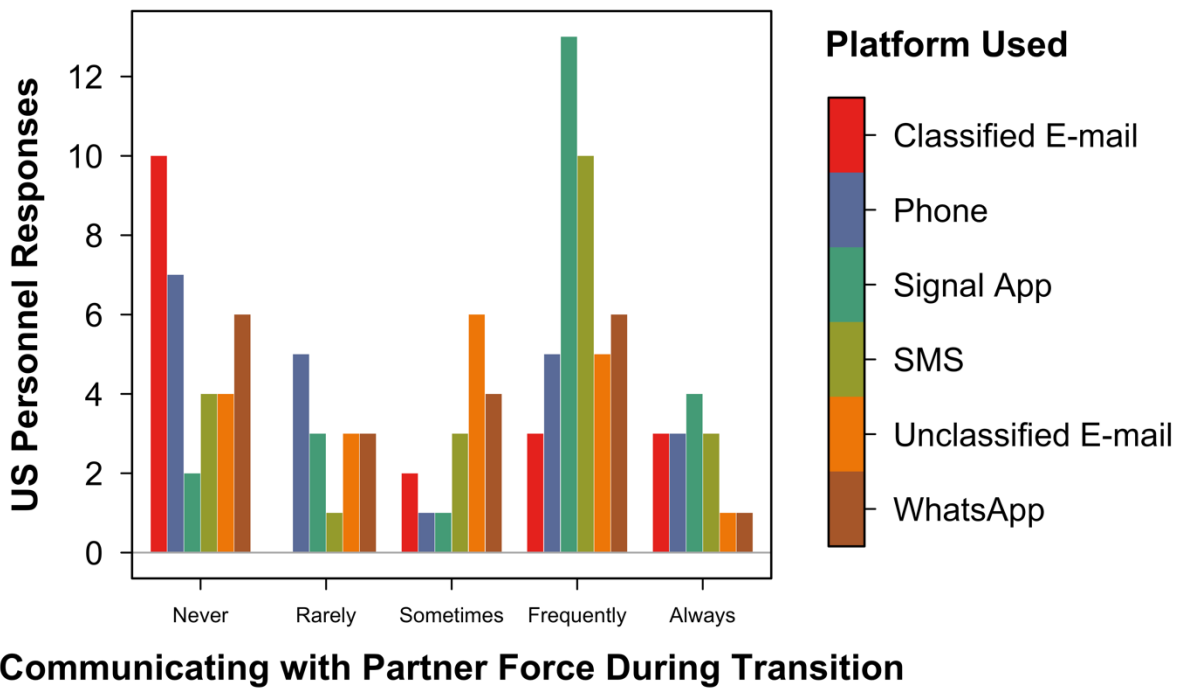
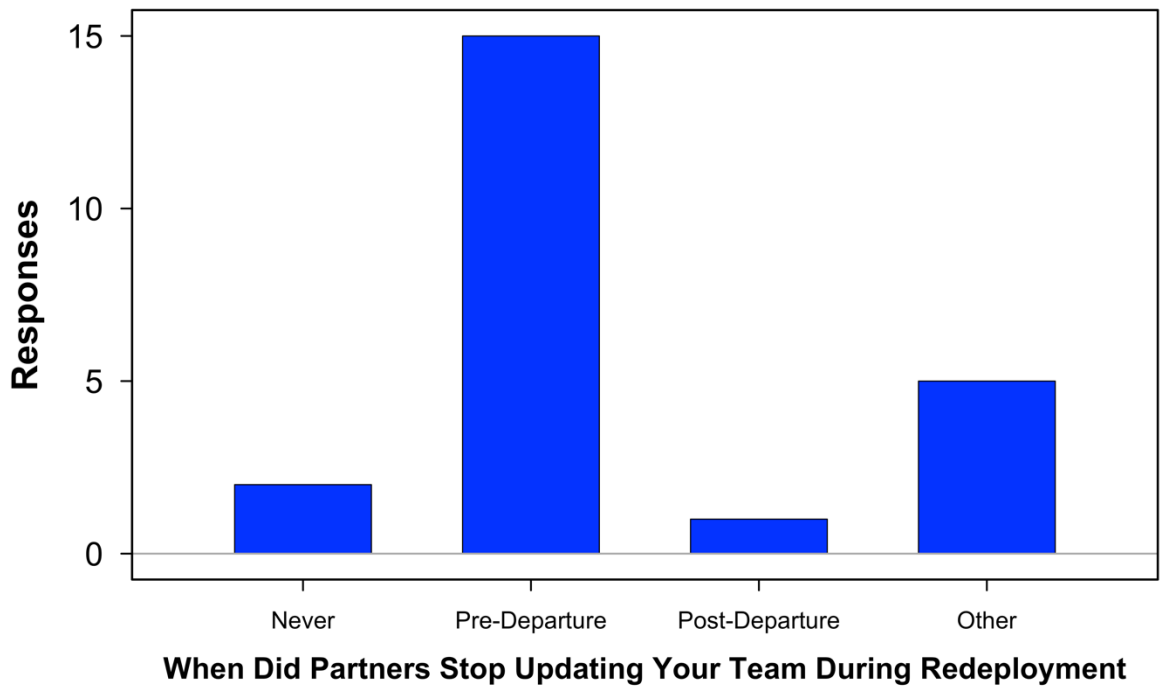


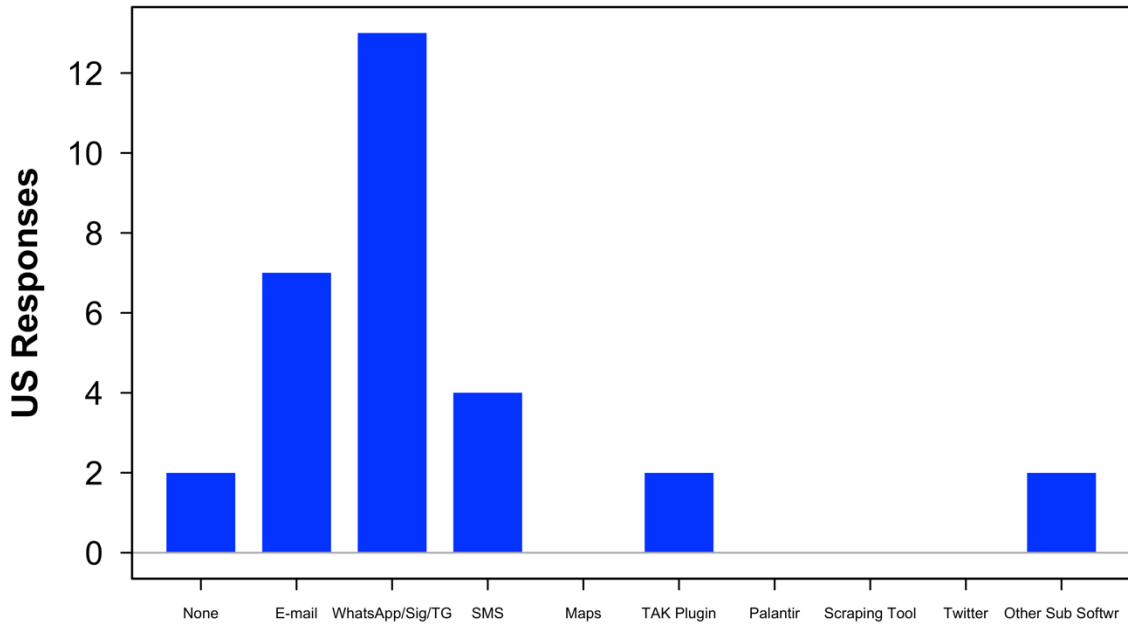
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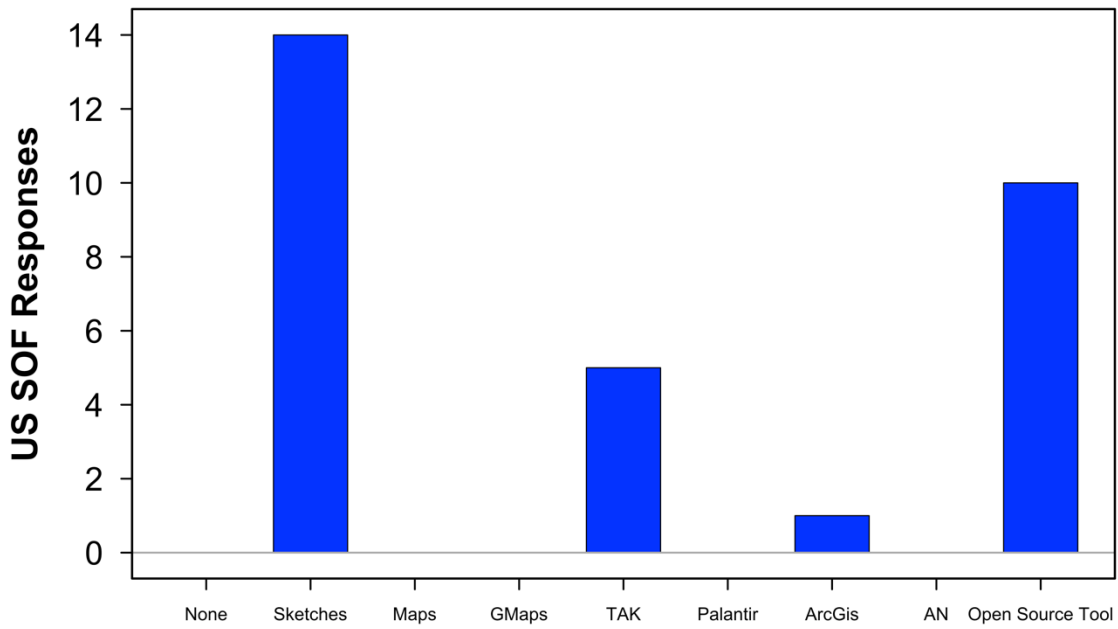
Does CKI-TAK Allow Units to meet Timeline Requirements?







Partner Tools for Describing Cyber Environment to US SOF



Civ-Mil Tools used by Partner Force to Communicate with US SOF

