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| **Table S1. Logistic Regression predicting choice between crew communication 1-2 days/week or gain 10% in catch** | | | | | | |
| **Variable** | **B** | **S.E.** | **Wald** | **df** | **Sig.** | **Exp(B)** |
| Parish | 0.191 | 0.499 | 0.146 | 1 | 0.702 | 1.211 |
| Age | -0.148 | 0.33 | 0.201 | 1 | 0.654 | 0.863 |
| Gender (0 = male, 1= female) | 1.819 | 1.444 | 1.586 | 1 | 0.208 | 6.163 |
| Years of Experience | -0.246 | 0.269 | 0.835 | 1 | 0.361 | 0.782 |
| Fishing Role (0 = crew member, 1 = captain) | 0.277 | 0.746 | 0.138 | 1 | 0.711 | 1.319 |
| Part-time/Full-time (0 = part-time fisher, 1 = full-time fisher) | -1.19 | 0.869 | 1.877 | 1 | 0.171 | 0.304 |
| Main Boat/Multiple Boats (0 = one main boat, 1 = bounce between multiple boats) | -0.691 | 0.728 | 0.899 | 1 | 0.343 | 0.501 |
| Size of fishing crew | 1.314 | 0.6 | 4.796 | 1 | 0.029\* | 3.72 |
| Collective Efficacy | -0.362 | 0.36 | 1.011 | 1 | 0.315 | 0.696 |
| Social Trust | 1.227 | 0.516 | 5.649 | 1 | 0.017\* | 3.412 |
| Communication Frequency | -0.983 | 0.405 | 5.894 | 1 | 0.015\* | 0.374 |
| Constant | -0.565 | 2.022 | 0.078 | 1 | 0.78 | 0.568 |
| Dependent variable: decision to accept or reject the gamble, where 0 = reject gamble, 1 = accept gamble. Nagelkerke R2 = .479 | | | | | | |
| \*Significant model predictor |  |  |  |  |  |  |

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| **Table S2. Logistic Regression predicting choice between crew communication 3-4 days/week or gain 10% in catch** | | | | | | |
| **Variable** | **B** | **S.E.** | **Wald** | **df** | **Sig.** | **Exp(B)** |
| Parish | 0.21 | 0.471 | 0.198 | 1 | 0.656 | 1.233 |
| Age | -0.343 | 0.295 | 1.356 | 1 | 0.244 | 0.709 |
| Gender (0 = male, 1= female) | 0.36 | 1.307 | 0.076 | 1 | 0.783 | 1.433 |
| Years of Experience | 0.268 | 0.233 | 1.323 | 1 | 0.25 | 1.308 |
| Fishing Role (0 = crew member, 1 = captain) | 0.79 | 0.725 | 1.189 | 1 | 0.276 | 2.204 |
| Part-time/Full-time (0 = part-time fisher, 1 = full-time fisher) | 0.592 | 0.816 | 0.525 | 1 | 0.469 | 1.807 |
| Main Boat/Multiple Boats (0 = one main boat, 1 = bounce between multiple boats) | 0.63 | 0.643 | 0.959 | 1 | 0.327 | 1.877 |
| Size of fishing crew | 0.737 | 0.514 | 2.059 | 1 | 0.151 | 2.09 |
| Collective Efficacy | -0.281 | 0.312 | 0.813 | 1 | 0.367 | 0.755 |
| Social Trust | 0.14 | 0.387 | 0.13 | 1 | 0.719 | 1.15 |
| Communication Frequency | -0.912 | 0.345 | 6.981 | 1 | 0.008\* | 0.402 |
| Constant | -0.738 | 1.768 | 0.174 | 1 | 0.676 | 0.478 |
| Dependent variable: decision to accept or reject the gamble, where 0 = reject gamble, 1 = accept gamble. Nagelkerke R2 = .327 | | | | | | |
| \*Significant model predictor |  |  |  |  |  |  |

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| **Table S3. Logistic Regression predicting choice between crew communication 5-6 days/week or lose 10% in catch** | | | | | | |
| **Variable** | **B** | **S.E.** | **Wald** | **df** | **Sig.** | **Exp(B)** |
| Parish | 0.209 | 0.487 | 0.184 | 1 | 0.668 | 1.232 |
| Age | -0.294 | 0.298 | 0.97 | 1 | 0.325 | 0.745 |
| Gender (0 = male, 1= female) | 0.342 | 1.53 | 0.05 | 1 | 0.823 | 1.407 |
| Years of Experience | 0.069 | 0.235 | 0.087 | 1 | 0.769 | 1.072 |
| Fishing Role (0 = crew member, 1 = captain) | -0.708 | 0.749 | 0.892 | 1 | 0.345 | 0.493 |
| Part-time/Full-time (0 = part-time fisher, 1 = full-time fisher) | 0.811 | 0.822 | 0.973 | 1 | 0.324 | 2.249 |
| Main Boat/Multiple Boats (0 = one main boat, 1 = bounce between multiple boats) | 0.685 | 0.646 | 1.126 | 1 | 0.289 | 1.983 |
| Size of fishing crew | 1.119 | 0.562 | 3.96 | 1 | 0.047\* | 3.062 |
| Collective Efficacy | -0.276 | 0.311 | 0.786 | 1 | 0.375 | 0.759 |
| Social Trust | 0.08 | 0.409 | 0.038 | 1 | 0.845 | 1.083 |
| Communication Frequency | -0.975 | 0.358 | 7.435 | 1 | 0.006\* | 0.377 |
| Constant | -0.384 | 1.838 | 0.044 | 1 | 0.835 | 0.681 |
| Dependent variable: decision to accept or reject the gamble, where 0 = reject gamble, 1 = accept gamble. Nagelkerke R2 = .384 | | | | | | |
| \*Significant model predictor |  |  |  |  |  |  |

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| **Table S4. Logistic Regression predicting choice between crew communication 7days/week or lose 10% in catch** | | | | | | |
| **Variable** | **B** | **S.E.** | **Wald** | **df** | **Sig.** | **Exp(B)** |
| Parish | 0.104 | 0.471 | 0.049 | 1 | 0.825 | 1.11 |
| Age | 0.444 | 0.318 | 1.952 | 1 | 0.162 | 1.558 |
| Gender (0 = male, 1= female) | -20.18 | 19337.4 | 0 | 1 | 0.999 | 0 |
| Years of Experience | -0.444 | 0.267 | 2.761 | 1 | 0.097 | 0.642 |
| Fishing Role (0 = crew member, 1 = captain) | 0.215 | 0.781 | 0.076 | 1 | 0.783 | 1.24 |
| Part-time/Full-time (0 = part-time fisher, 1 = full-time fisher) | 0.339 | 0.79 | 0.184 | 1 | 0.668 | 1.404 |
| Main Boat/Multiple Boats (0 = one main boat, 1 = bounce between multiple boats) | 0.399 | 0.706 | 0.319 | 1 | 0.572 | 1.49 |
| Size of fishing crew | 1.999 | 0.736 | 7.373 | 1 | 0.007\* | 7.382 |
| Collective Efficacy | -0.323 | 0.332 | 0.945 | 1 | 0.331 | 0.724 |
| Social Trust | -0.065 | 0.445 | 0.021 | 1 | 0.885 | 0.937 |
| Communication Frequency | -0.658 | 0.358 | 3.369 | 1 | 0.066 | 0.518 |
| Constant | -2.347 | 1.932 | 1.474 | 1 | 0.225 | 0.096 |
| Dependent variable: decision to accept or reject the gamble, where 0 = reject gamble, 1 = accept gamble. Nagelkerke R2 = .415 | | | | | | |
| \*Significant model predictor |  |  |  |  |  |  |

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| **Table S5 - Logistic Regression predicting choice between losing 5% in catch or gaining 10% in catch** | | | | | | |
| **Variable** | **B** | **S.E.** | **Wald** | **df** | **Sig.** | **Exp(B)** |
| Parish | 0.148 | 0.457 | 0.105 | 1 | 0.746 | 1.16 |
| Age | 0.433 | 0.317 | 1.862 | 1 | 0.172 | 1.542 |
| Gender (0 = male, 1= female) | -3.382 | 1.479 | 5.227 | 1 | 0.022\* | 0.034 |
| Years of Experience | -0.126 | 0.238 | 0.281 | 1 | 0.596 | 0.882 |
| Fishing Role (0 = crew member, 1 = captain) | -0.101 | 0.734 | 0.019 | 1 | 0.891 | 0.904 |
| Part-time/Full-time (0 = part-time fisher, 1 = full-time fisher) | 0.197 | 0.832 | 0.056 | 1 | 0.813 | 1.218 |
| Main Boat/Multiple Boats (0 = one main boat, 1 = bounce between multiple boats) | 1.066 | 0.711 | 2.246 | 1 | 0.134 | 2.904 |
| Size of fishing crew | -1.025 | 0.508 | 4.067 | 1 | 0.044\* | 0.359 |
| Collective Efficacy | 0.497 | 0.337 | 2.183 | 1 | 0.14 | 1.645 |
| Social Trust | -0.46 | 0.431 | 1.142 | 1 | 0.285 | 0.631 |
| Communication Frequency | 0.946 | 0.355 | 7.102 | 1 | 0.008\* | 2.576 |
| Constant | -1.333 | 1.922 | 0.481 | 1 | 0.488 | 0.264 |
| Dependent variable: decision to accept or reject the gamble, where 0 = reject gamble, 1 = accept gamble. Nagelkerke R2 = .379 | | | | | | |
| \*Significant model predictor |  |  |  |  |  |  |

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| **Table S6 - Logistic Regression predicting choice between losing 10% in catch or gaining 15% in catch** | | | | | | |
| **Variable** | **B** | **S.E.** | **Wald** | **df** | **Sig.** | **Exp(B)** |
| Parish | 0.674 | 0.491 | 1.879 | 1 | 0.17 | 1.961 |
| Age | 0.338 | 0.323 | 1.093 | 1 | 0.296 | 1.402 |
| Gender (0 = male, 1= female) | -3.77 | 1.494 | 6.367 | 1 | 0.012\* | 0.023 |
| Years of Experience | -0.094 | 0.251 | 0.142 | 1 | 0.707 | 0.91 |
| Fishing Role (0 = crew member, 1 = captain) | 0.118 | 0.736 | 0.026 | 1 | 0.872 | 1.126 |
| Part-time/Full-time (0 = part-time fisher, 1 = full-time fisher) | 0.659 | 0.841 | 0.613 | 1 | 0.434 | 1.932 |
| Main Boat/Multiple Boats (0 = one main boat, 1 = bounce between multiple boats) | 0.911 | 0.713 | 1.631 | 1 | 0.202 | 2.486 |
| Size of fishing crew | -1.343 | 0.541 | 6.158 | 1 | 0.013\* | 0.261 |
| Collective Efficacy | 0.775 | 0.361 | 4.614 | 1 | 0.032\* | 2.171 |
| Social Trust | -0.598 | 0.48 | 1.549 | 1 | 0.213 | 0.55 |
| Communication Frequency | 0.204 | 0.362 | 0.318 | 1 | 0.573 | 1.226 |
| Constant | -0.293 | 1.901 | 0.024 | 1 | 0.878 | 0.746 |
| Dependent variable: decision to accept or reject the gamble, where 0 = reject gamble, 1 = accept gamble. Nagelkerke R2 = .377 | | | | | | |
| \*Significant model predictor |  |  |  |  |  |  |

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| **Table S7 - Logistic Regression predicting choice between losing 15% in catch or gaining 20% in catch** | | | | | | |
| **Variable** | **B** | **S.E.** | **Wald** | **df** | **Sig.** | **Exp(B)** |
| Parish | 0.122 | 0.497 | 0.06 | 1 | 0.807 | 1.129 |
| Age | 0.08 | 0.333 | 0.058 | 1 | 0.81 | 1.084 |
| Gender (0 = male, 1= female) | -24.267 | 18892.2 | 0 | 1 | 0.999 | 0 |
| Years of Experience | 0.423 | 0.289 | 2.145 | 1 | 0.143 | 1.526 |
| Fishing Role (0 = crew member, 1 = captain) | 0.421 | 0.748 | 0.317 | 1 | 0.573 | 1.524 |
| Part-time/Full-time (0 = part-time fisher, 1 = full-time fisher) | -0.331 | 0.85 | 0.152 | 1 | 0.697 | 0.718 |
| Main Boat/Multiple Boats (0 = one main boat, 1 = bounce between multiple boats) | 1.152 | 0.821 | 1.969 | 1 | 0.161 | 3.166 |
| Size of fishing crew | -1.152 | 0.538 | 4.582 | 1 | 0.032\* | 0.316 |
| Collective Efficacy | 0.559 | 0.377 | 2.202 | 1 | 0.138 | 1.748 |
| Social Trust | -0.763 | 0.494 | 2.385 | 1 | 0.122 | 0.466 |
| Communication Frequency | 0.96 | 0.39 | 6.068 | 1 | 0.014\* | 2.611 |
| Constant | -1.637 | 2.053 | 0.635 | 1 | 0.425 | 0.195 |
| Dependent variable: decision to accept or reject the gamble, where 0 = reject gamble, 1 = accept gamble. Nagelkerke R2 = .477 | | | | | | |
| \*Significant model predictor |  |  |  |  |  |  |

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| **Table S8 - Logistic Regression predicting choice between losing 20% in catch or gaining 25% in catch** | | | | | | |
| **Variable** | **B** | **S.E.** | **Wald** | **df** | **Sig.** | **Exp(B)** |
| Parish | -0.598 | 0.556 | 1.157 | 1 | 0.282 | 0.55 |
| Age | -0.337 | 0.35 | 0.926 | 1 | 0.336 | 0.714 |
| Gender (0 = male, 1= female) | -2.258 | 1.54 | 2.151 | 1 | 0.143 | 0.105 |
| Years of Experience | 0.696 | 0.321 | 4.697 | 1 | 0.03\* | 2.005 |
| Fishing Role (0 = crew member, 1 = captain) | -0.436 | 0.9 | 0.235 | 1 | 0.628 | 0.646 |
| Part-time/Full-time (0 = part-time fisher, 1 = full-time fisher) | -0.375 | 0.906 | 0.171 | 1 | 0.679 | 0.688 |
| Main Boat/Multiple Boats (0 = one main boat, 1 = bounce between multiple boats) | -0.514 | 0.732 | 0.493 | 1 | 0.482 | 0.598 |
| Size of fishing crew | -1.586 | 0.706 | 5.054 | 1 | 0.025\* | 0.205 |
| Collective Efficacy | 1.065 | 0.43 | 6.123 | 1 | 0.013\* | 2.9 |
| Social Trust | -0.555 | 0.524 | 1.123 | 1 | 0.289 | 0.574 |
| Communication Frequency | 1.182 | 0.431 | 7.532 | 1 | 0.006\* | 3.262 |
| Constant | -1.284 | 2.072 | 0.384 | 1 | 0.535 | 0.277 |
| Dependent variable: decision to accept or reject the gamble, where 0 = reject gamble, 1 = accept gamble. Nagelkerke R2 = .522 | | | | | | |
| \*Significant model predictor |  |  |  |  |  |  |

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| **Table S9 - Logistic Regression predicting choice between losing 25% in catch or gaining 30% in catch** | | | | | | |
| **Variable** | **B** | **S.E.** | **Wald** | **df** | **Sig.** | **Exp(B)** |
| Parish | -0.304 | 0.474 | 0.41 | 1 | 0.522 | 0.738 |
| Age | -0.084 | 0.304 | 0.077 | 1 | 0.782 | 0.919 |
| Gender (0 = male, 1= female) | -1.871 | 1.372 | 1.86 | 1 | 0.173 | 0.154 |
| Years of Experience | -0.049 | 0.241 | 0.041 | 1 | 0.839 | 0.952 |
| Fishing Role (0 = crew member, 1 = captain) | 0.817 | 0.713 | 1.314 | 1 | 0.252 | 2.264 |
| Part-time/Full-time (0 = part-time fisher, 1 = full-time fisher) | -0.062 | 0.791 | 0.006 | 1 | 0.937 | 0.94 |
| Main Boat/Multiple Boats (0 = one main boat, 1 = bounce between multiple boats) | -0.068 | 0.637 | 0.011 | 1 | 0.915 | 0.934 |
| Size of fishing crew | -0.948 | 0.499 | 3.61 | 1 | 0.057 | 0.387 |
| Collective Efficacy | 0.451 | 0.297 | 2.309 | 1 | 0.129 | 1.57 |
| Social Trust | 0.077 | 0.384 | 0.04 | 1 | 0.842 | 1.08 |
| Communication Frequency | 0.79 | 0.349 | 5.123 | 1 | 0.024\* | 2.204 |
| Constant | -0.724 | 1.801 | 0.162 | 1 | 0.688 | 0.485 |
| Dependent variable: decision to accept or reject the gamble, where 0 = reject gamble, 1 = accept gamble. Nagelkerke R2 = .324 | | | | | | |
| \*Significant model predictor |  |  |  |  |  |  |