## Attack Stage Urgency for PICA (15%) with varying weights (CPTC-2018) 0.848 0.944 DATA EXFILTRATION-0.848 0.944 0.498 0.586 0.512 0.848 0.554 NETWORK DOS -0.498 1.000 0.512 0.944 0.848 0.595 0.388 0.411 0.399 0.596 DATA MANIPULATION-0.596 0.596 0.578 ROOT PRIV ESC -0.466 0.419 0.494 0.502 0.558 0.502 High 0.508 INFO DISC - 0.538 0.357 0.420 0.499 0.555 0.403 0.439 ARBITRARY CODE EXE - 0.498 0.394 0.346 0.497 0.445 0.400 VULN DISC -0.423 0.407 0.494 0.381 0.368 0.473 0.452 0.5 ACCT MANIP -0.494 0.398 0.358 0.422 0.429 0.477 0.429 Stage DATA DELIVERY-0.468 0.305 0.470 0.323 0.469 0.313 0.469 RESOURCE HIJACKING - 0.443 0.288 0.259 0.524 0.266 0.494 0.444 Medium Attack SERVICE DISC - 0.222 0.210 0.146 0.173 0.206 0.229 0.165 COMMAND AND CONTROL - 0.219 0.194 0.174 0.151 0.220 0.196 0.176 HOST DISC - 0.215 0.204 0.142 0.168 0.200 0.222 0.160 0.25 **SURFING - 0.158** 0.128 0.115 0.135 0.137 0.153 0.137 BRUTE FORCE CREDS - 0.080 0.071 0.046 0.076 0.064 0.090 0.064 REMOTE SERVICE EXP - 0.080 0.071 0.064 0.054 0.081 0.071 0.064 DATA\_DESTRUCTION - 0.076 0.046 0.062 0.073 0.059 0.066 0.079 Low PUBLIC APP EXP - 0.051 0.041 0.037 0.043 0.044 0.049 0.044 USER PRIV ESC - 0.034 0.031 0.018 0.032 0.026 0.039 0.026 TRUSTED ORG EXP - 0.034 0.031 0.028 0.022 0.035 0.029 0.026 [1, 1, 1] [2, 1, 1] [1, 2, 1] [1, 1, 2] [2, 2, 1] [2, 1, 2] [1, 2, 2]

Weights [Confidentiality, Integrity, Availability]