Proxy Config TCP-TLS Websocke-TLS
Webs Flows Packets Flows Packets

¹ The data collection was conducted from April 4 to April 8, 2025

Proxy Protocol

www.huawei.com

www.intel.com www.deepseek.com

www.nvidia.com

www.samsung.com

www.vivo.com

www.lenovo.com

www.dell.com

www.alivun.com

cloud.baidu.com

cloud.tencent.com

www.vmware.com

www.gitee.com

www.163.com

www.qq.com

www.10jqka.com.cn

www.sina.com.cn

www.sohu.com

www.jianshu.com

www.zhihu.com

www.gamerskv.com

www.imdb.com

www.ctrip.com

www.lixiang.com

www.feishu.cr

Total

Packets Flows I 160053 4408 288189 1994

Shadowsocks

Flows

Packets

TCP-TLS

Packets

Flows

TCP-TLS(Mux=8)

Table 1: Datasets for Signature-based Cross-protocol Encrypted Proxy Traffic Classification Approach (SPTC)

TCP-TLS(Mux=8)

Packets

Flows

TCP-TLS

Packets

Flows

Trojan

Packets

Websocke-TLS

Flows

TCP-TLS(Mux=8)

Packets

Flows

TCP-TLS

Packet

Flows

VLESS

Packets

Websocke-TLS

Flows

TCP-TLS(Mux=8)

Packets

Flows

Vmess

Packets

Websocke-TLS

Flows